

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086673.D
 Acq On : 16 May 2025 18:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 17 00:16:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	200680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139132	48.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.320%		
35) Dibromofluoromethane	8.165	113	109307	59.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	119.920%		
50) Toluene-d8	10.565	98	458089	50.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.847	95	164814	49.931	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	120236	50.424	ug/l	100
3) Chloromethane	2.359	50	156934	45.149	ug/l	100
4) Vinyl Chloride	2.512	62	151154	46.165	ug/l	100
5) Bromomethane	2.942	94	80874	53.143	ug/l	100
6) Chloroethane	3.112	64	93444	42.763	ug/l	100
7) Trichlorofluoromethane	3.495	101	176535	48.159	ug/l	100
8) Diethyl Ether	3.959	74	72328	45.601	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	106022	47.918	ug/l	100
10) Methyl Iodide	4.583	142	130592	52.819	ug/l	100
11) Tert butyl alcohol	5.518	59	122272	231.093	ug/l	100
12) 1,1-Dichloroethene	4.336	96	109886	46.567	ug/l	100
13) Acrolein	4.177	56	134375	372.708	ug/l	100
14) Allyl chloride	5.018	41	165431	40.065	ug/l	100
15) Acrylonitrile	5.718	53	312458	238.782	ug/l	100
16) Acetone	4.424	43	243902	210.585	ug/l	100
17) Carbon Disulfide	4.712	76	309553	43.833	ug/l	100
18) Methyl Acetate	5.018	43	132976	38.953	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	383825	44.540	ug/l	100
20) Methylene Chloride	5.271	84	126581	46.913	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	115816	46.868	ug/l	100
22) Diisopropyl ether	6.665	45	385688	42.813	ug/l	100
23) Vinyl Acetate	6.600	43	1462943	229.724	ug/l	100
24) 1,1-Dichloroethane	6.571	63	221538	46.174	ug/l	100
25) 2-Butanone	7.477	43	402916	224.413	ug/l	100
26) 2,2-Dichloropropane	7.489	77	178757	42.029	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	142862	46.629	ug/l	100
28) Bromochloromethane	7.812	49	101861	49.651	ug/l	100
29) Tetrahydrofuran	7.836	42	265547	221.224	ug/l	100
30) Chloroform	7.959	83	219404	46.418	ug/l	100
31) Cyclohexane	8.253	56	197288	42.429	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	189597	46.845	ug/l	100
36) 1,1-Dichloropropene	8.365	75	159488	47.088	ug/l	100
37) Ethyl Acetate	7.559	43	159707	44.832	ug/l	100
38) Carbon Tetrachloride	8.359	117	157560	48.589	ug/l	100
39) Methylcyclohexane	9.600	83	176457	44.277	ug/l	100
40) Benzene	8.606	78	513727	47.252	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87794	42.982	ug/l	100
42) 1,2-Dichloroethane	8.665	62	160313	46.310	ug/l	100
43) Isopropyl Acetate	8.688	43	282433	33.201	ug/l	100
44) Trichloroethene	9.347	130	125647	48.612	ug/l	100
45) 1,2-Dichloropropane	9.618	63	122982	46.461	ug/l	100
46) Dibromomethane	9.706	93	83377	49.113	ug/l	100
47) Bromodichloromethane	9.883	83	172626	47.166	ug/l	100
48) Methyl methacrylate	9.677	41	128661	41.698	ug/l	100
49) 1,4-Dioxane	9.694	88	54709	1002.364	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	825673	228.029	ug/l	100
52) Toluene	10.630	92	324906	47.903	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	188352	46.497	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	200078	44.899	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	117677	48.104	ug/l	100
56) Ethyl methacrylate	10.871	69	204115	45.731	ug/l	100
57) 1,3-Dichloropropane	11.159	76	205784	47.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	473490	225.901	ug/l	100
59) 2-Hexanone	11.194	43	609102	226.589	ug/l	100
60) Dibromochloromethane	11.359	129	127861	47.766	ug/l	100
61) 1,2-Dibromoethane	11.465	107	122201	49.356	ug/l	100
64) Tetrachloroethene	11.100	164	122991	48.018	ug/l	100
65) Chlorobenzene	11.888	112	353206	47.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	116442	47.425	ug/l	100
67) Ethyl Benzene	11.959	91	621554	46.525	ug/l	100
68) m/p-Xylenes	12.065	106	477853	95.244	ug/l	100
69) o-Xylene	12.394	106	240345	48.249	ug/l	100
70) Styrene	12.406	104	399975	48.396	ug/l	100
71) Bromoform	12.576	173	86917	47.062	ug/l #	100
73) Isopropylbenzene	12.694	105	564854	43.614	ug/l	100
74) N-amyl acetate	12.488	43	240871	37.908	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	168088	44.680	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	165513m	44.062	ug/l	
77) Bromobenzene	12.976	156	139072	47.906	ug/l	100
78) n-propylbenzene	13.029	91	669285	43.966	ug/l	100
79) 2-Chlorotoluene	13.123	91	425476	44.441	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	467786	44.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	71696	45.952	ug/l	100
82) 4-Chlorotoluene	13.218	91	423764	44.713	ug/l	100
83) tert-Butylbenzene	13.435	119	398675	43.347	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	475848	44.171	ug/l	100
85) sec-Butylbenzene	13.612	105	551208	43.492	ug/l	100
86) p-Isopropyltoluene	13.723	119	462804	44.309	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	255624	47.060	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	252548	46.266	ug/l	100
89) n-Butylbenzene	14.053	91	389739	42.505	ug/l	100
90) Hexachloroethane	14.329	117	75794	43.139	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	247292	46.963	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32007	42.959	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	109515	44.128	ug/l	100
94) Hexachlorobutadiene	15.500	225	41916	44.437	ug/l	100
95) Naphthalene	15.635	128	385716	43.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	104176	44.139	ug/l	100

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ClientSampleId :
VSTDICCC050

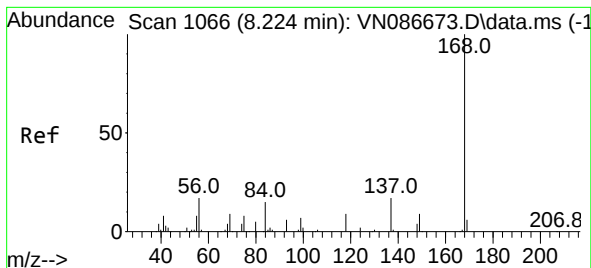
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/19/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 200680

Ion Ratio Lower Upper

168 100

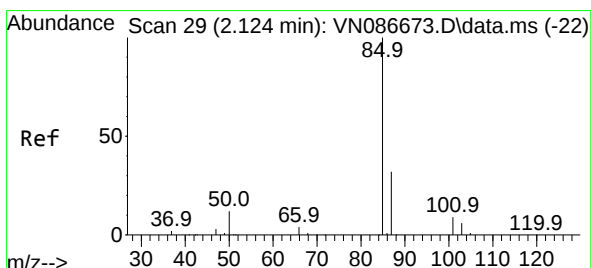
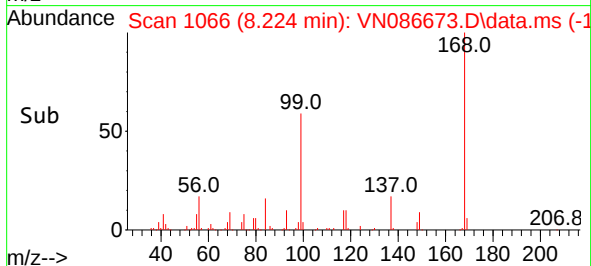
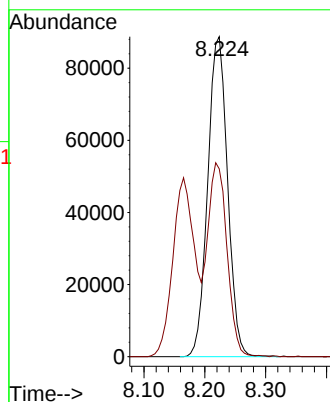
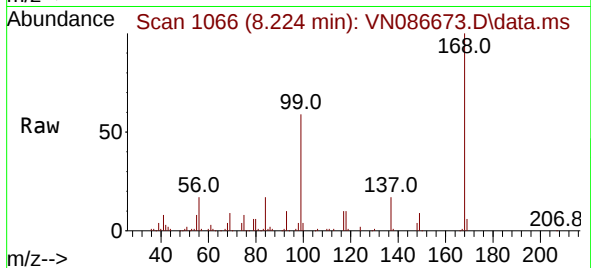
99 58.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#2

Dichlorodifluoromethane

Concen: 50.424 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN086673.D

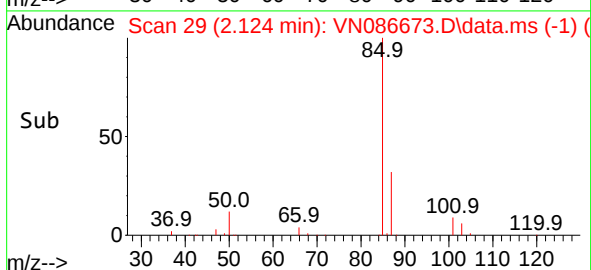
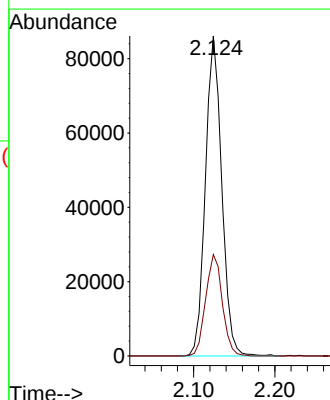
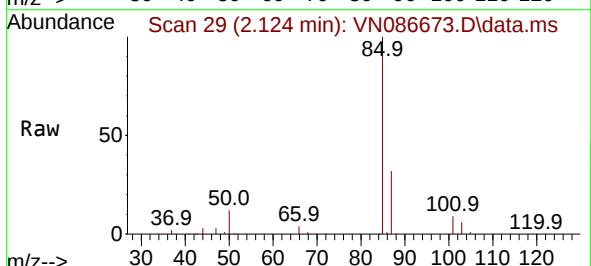
Acq: 16 May 2025 18:08

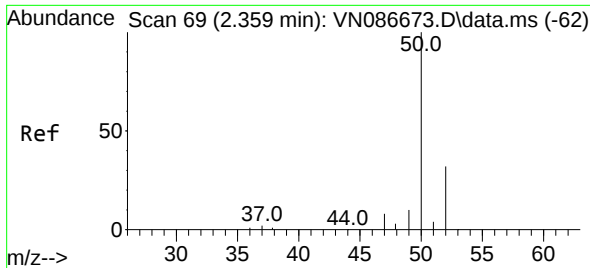
Tgt Ion: 85 Resp: 120236

Ion Ratio Lower Upper

85 100

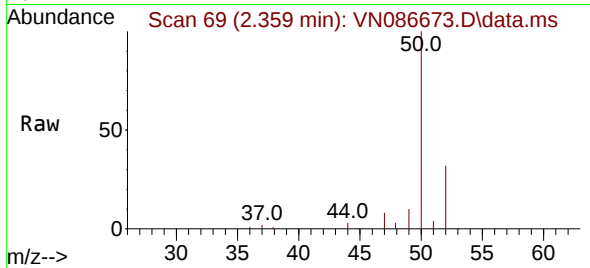
87 31.7 15.9 47.6





#3
Chloromethane
Concen: 45.149 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

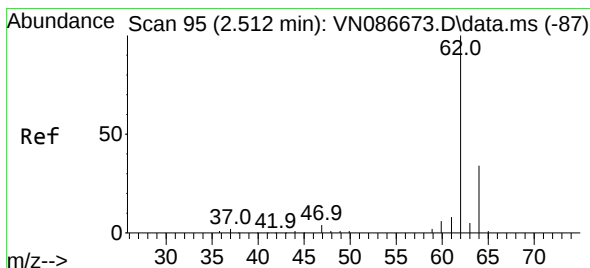
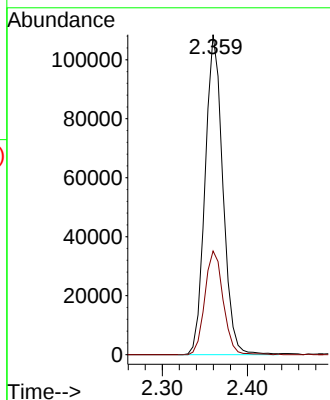
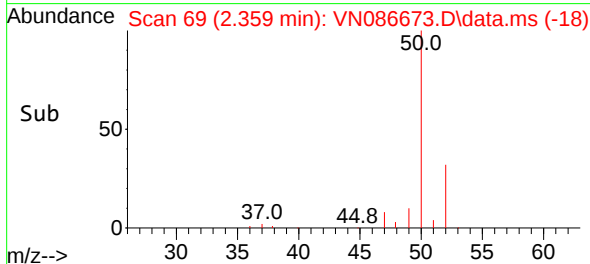
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



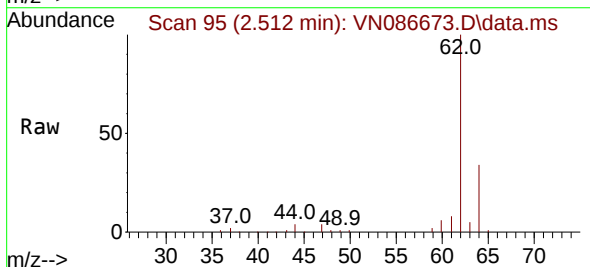
Tgt Ion: 50 Resp: 156934
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

Manual Integrations
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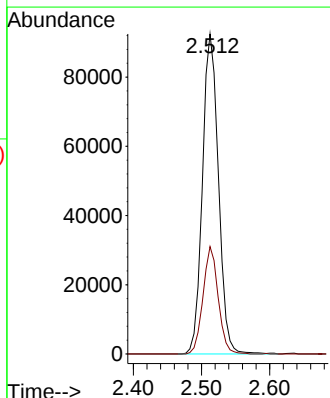
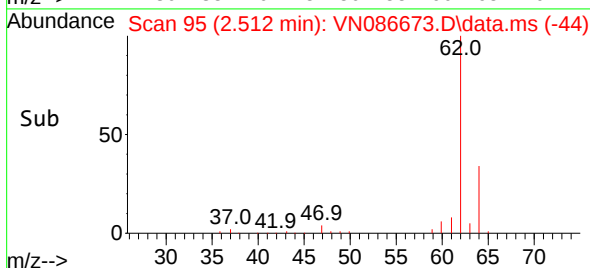
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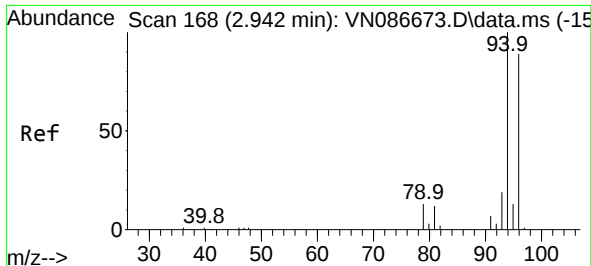


#4
Vinyl Chloride
Concen: 46.165 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



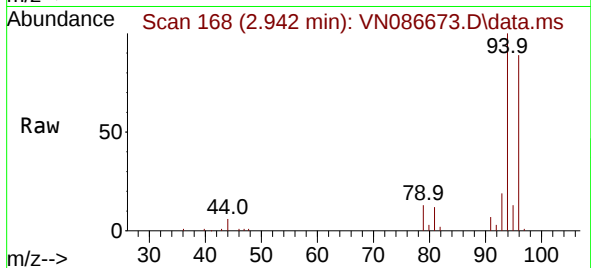
Tgt Ion: 62 Resp: 151154
Ion Ratio Lower Upper
62 100
64 33.6 26.9 40.3





#5
Bromomethane
Concen: 53.143 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

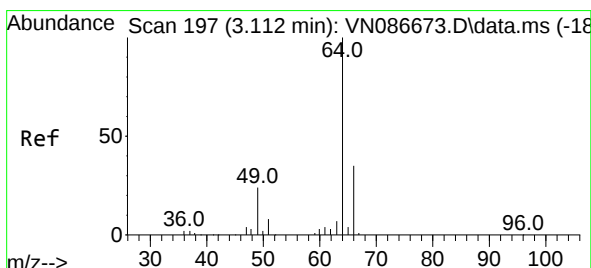
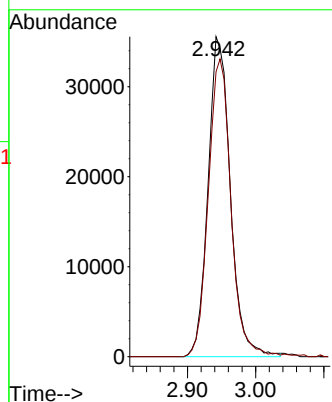
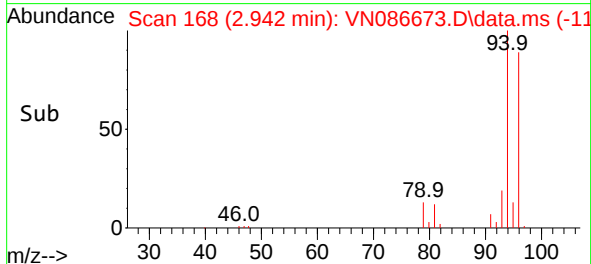
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Tgt Ion: 94 Resp: 80874
Ion Ratio Lower Upper
94 100
96 89.0 71.2 106.8

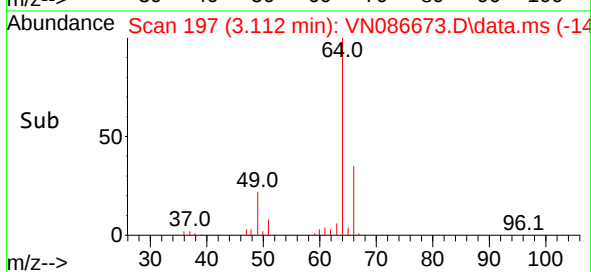
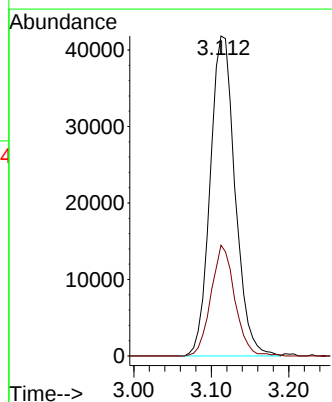
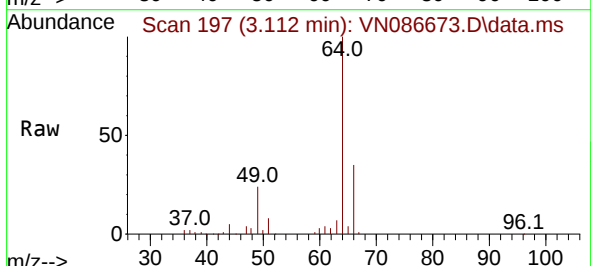
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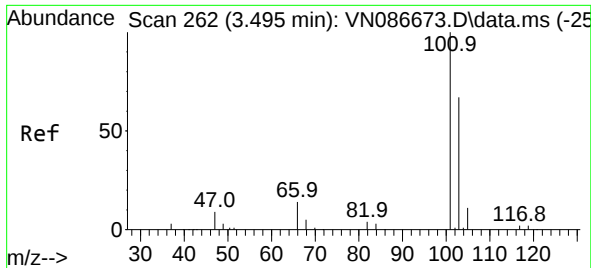
Reviewed By :John Carlone 05/19/2025
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#6
Chloroethane
Concen: 42.763 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN086673.D
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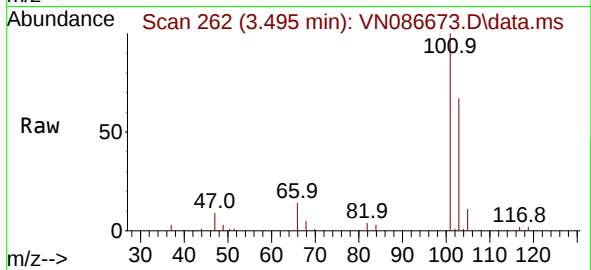
Tgt Ion: 64 Resp: 93444
Ion Ratio Lower Upper
64 100
66 34.6 27.7 41.5





#7
Trichlorofluoromethane
Concen: 48.159 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

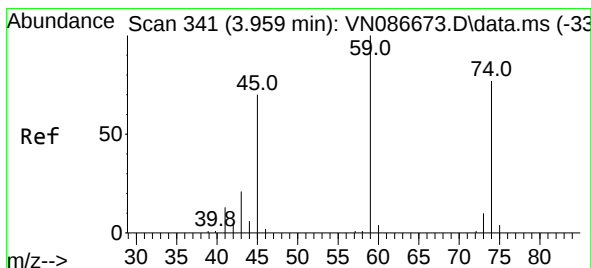
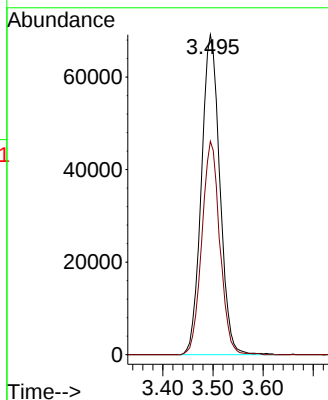
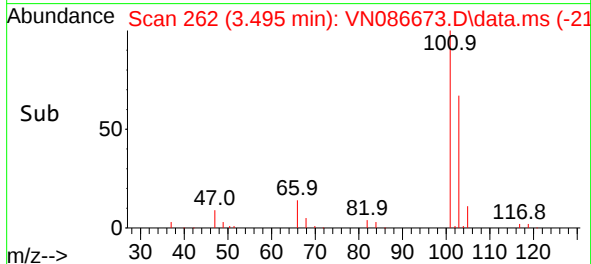
Instrument :
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VSTDICCC050



Tgt Ion:101 Resp: 17653
Ion Ratio Lower Upper
101 100
103 66.7 53.4 80.0

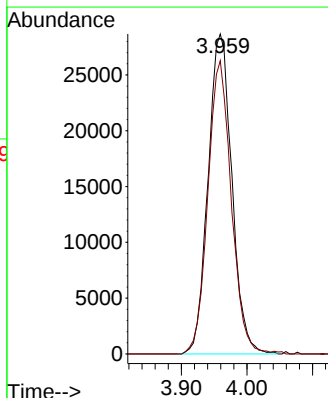
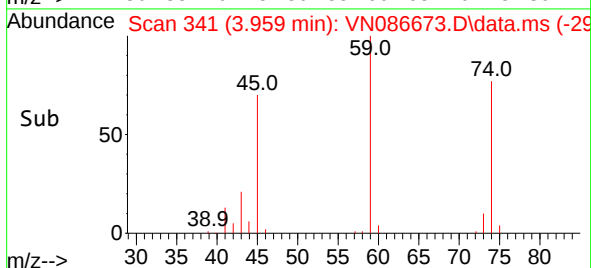
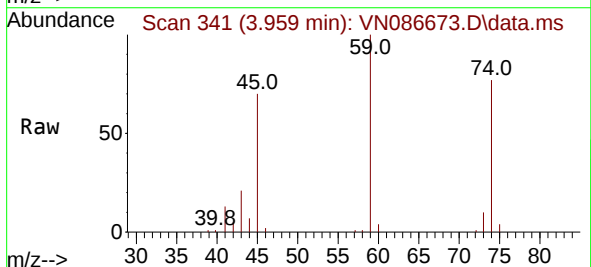
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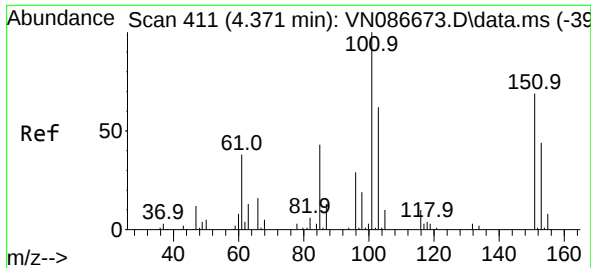
Reviewed By :John Carlone 05/19/2025
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#8
Diethyl Ether
Concen: 45.601 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086673.D
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Tgt Ion: 74 Resp: 72328
Ion Ratio Lower Upper
74 100
45 90.0 45.0 135.0





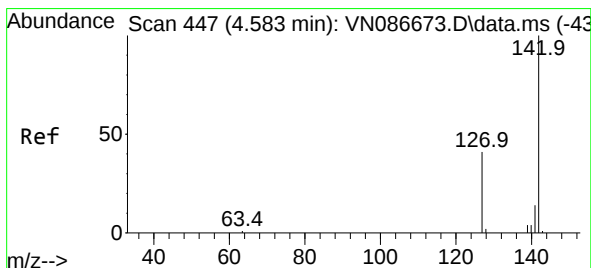
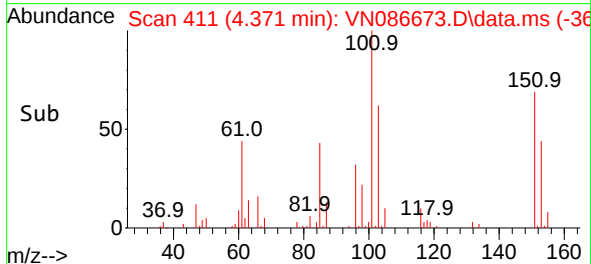
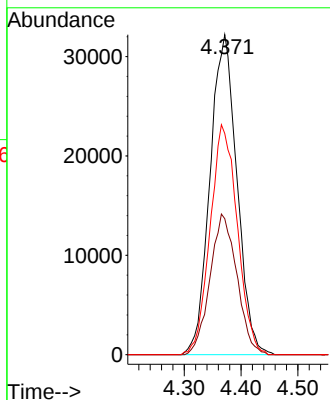
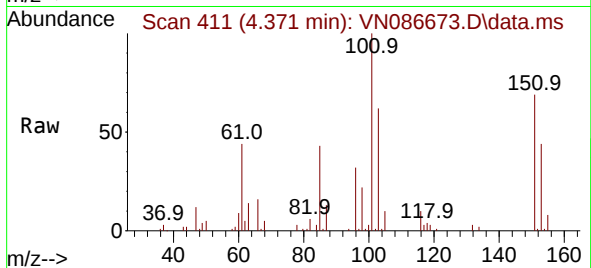
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.918 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10602
Ion Ratio Lower Upper
101 100
85 43.8 35.0 52.6
151 72.6 58.1 87.1

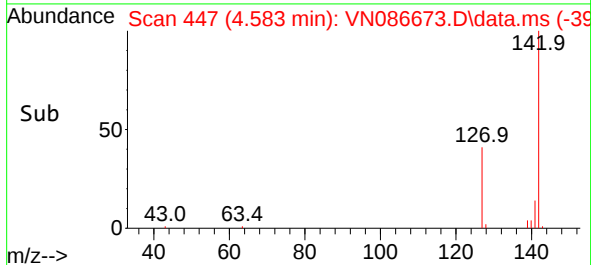
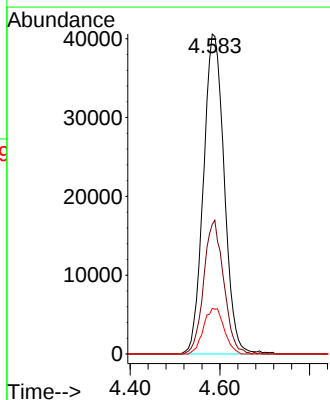
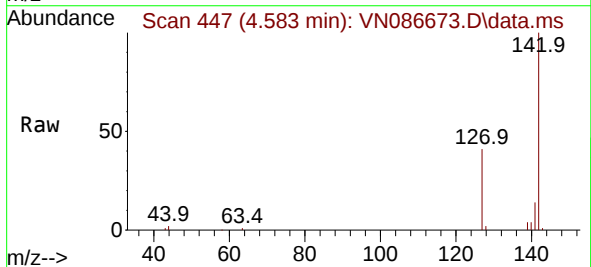
Manual Integrations
APPROVED

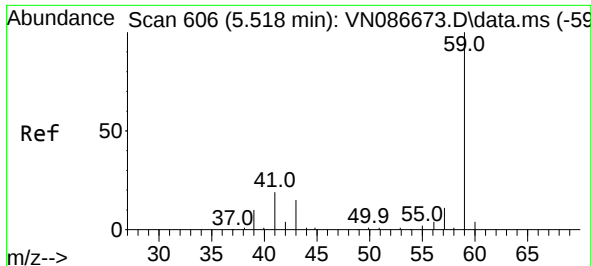
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#10
Methyl Iodide
Concen: 52.819 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

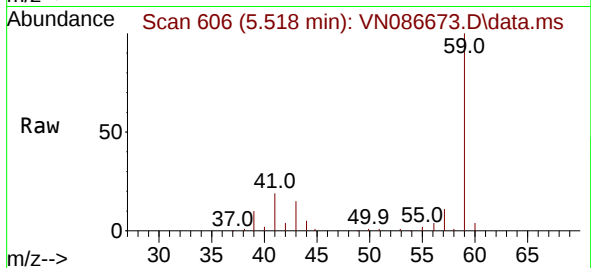
Tgt Ion:142 Resp: 130592
Ion Ratio Lower Upper
142 100
127 40.5 32.4 48.6
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 231.093 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

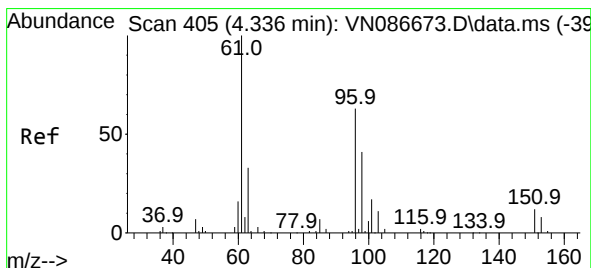
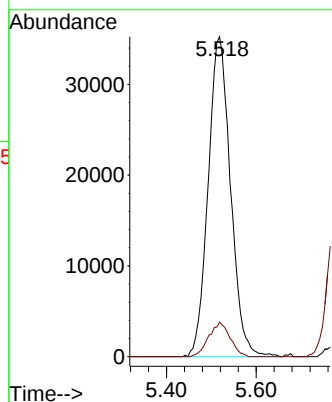
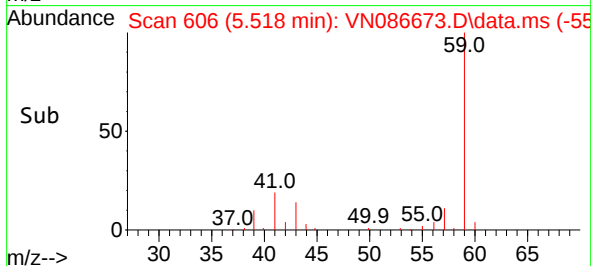
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



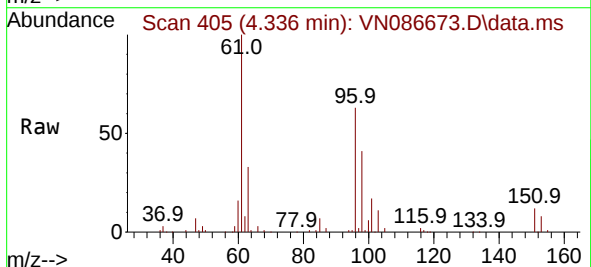
Tgt Ion: 59 Resp: 122272
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

Manual Integrations
APPROVED

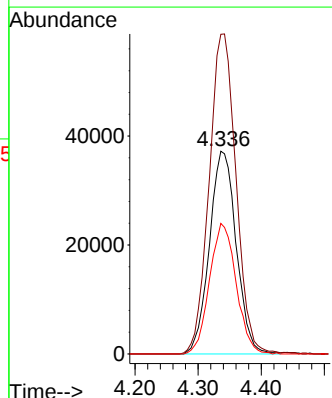
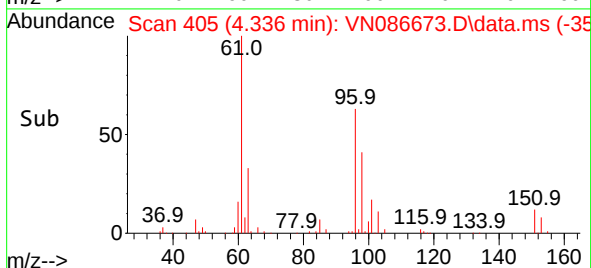
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

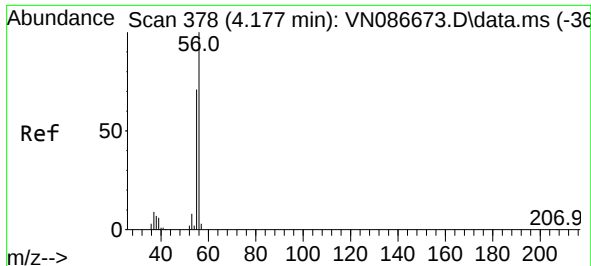


#12
1,1-Dichloroethene
Concen: 46.567 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



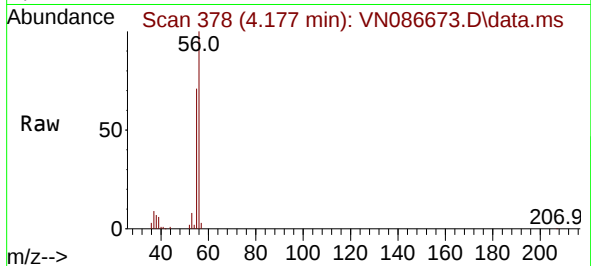
Tgt Ion: 96 Resp: 109886
Ion Ratio Lower Upper
96 100
61 157.7 126.2 189.2
98 64.4 51.5 77.3





#13
Acrolein
Concen: 372.708 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

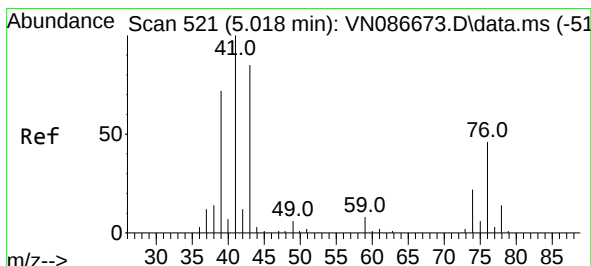
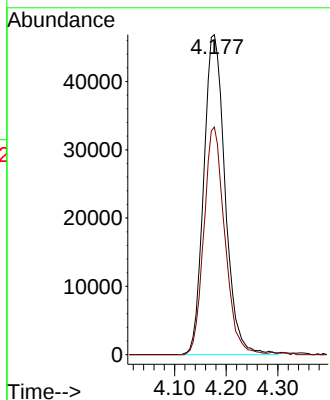
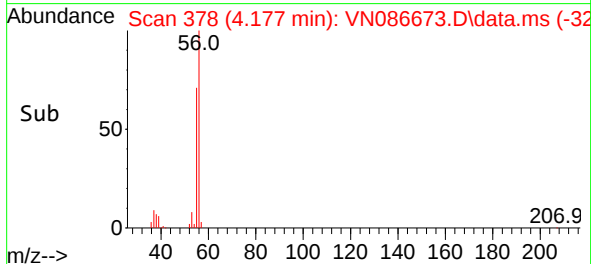
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



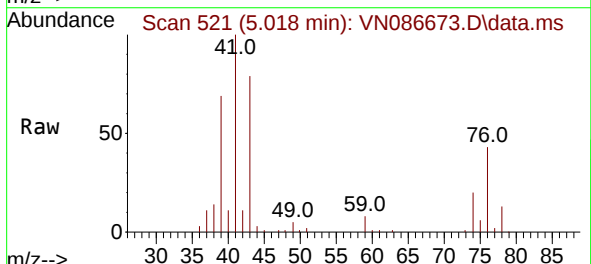
Tgt Ion: 56 Resp: 134375
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5

Manual Integrations
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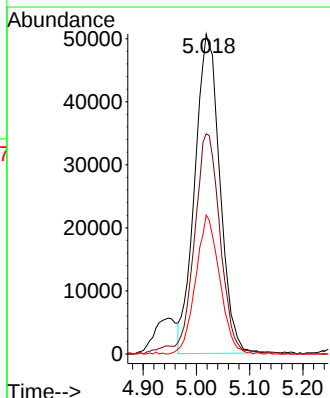
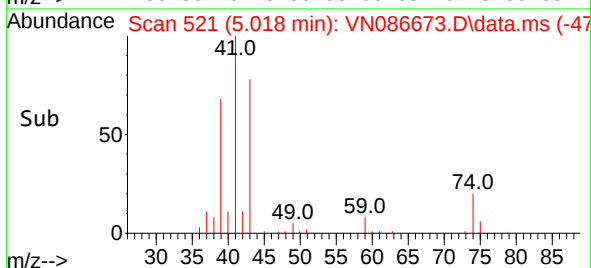
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

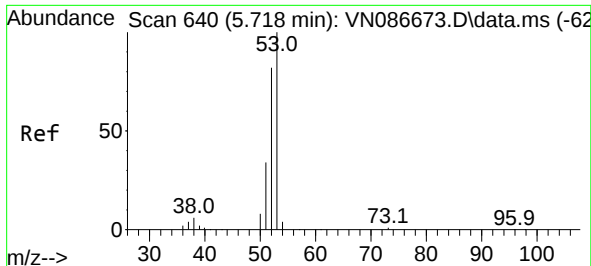


#14
Allyl chloride
Concen: 40.065 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



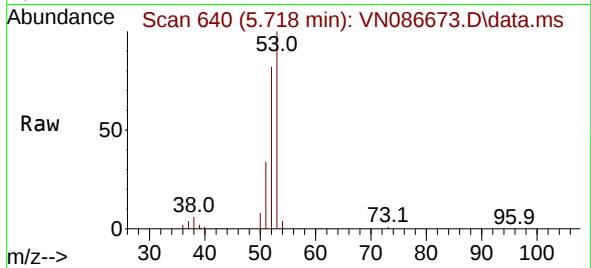
Tgt Ion: 41 Resp: 165431
Ion Ratio Lower Upper
41 100
39 71.7 57.4 86.0
76 41.5 33.2 49.8





#15
Acrylonitrile
Concen: 238.782 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

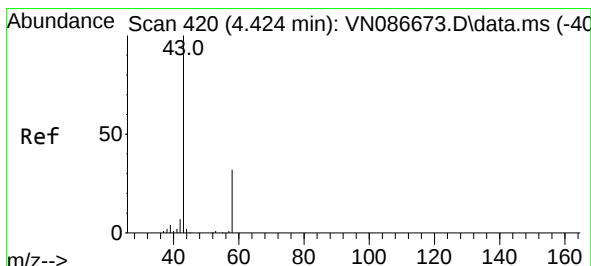
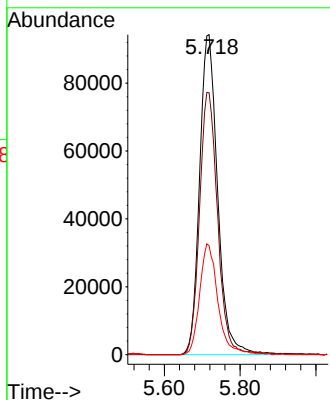
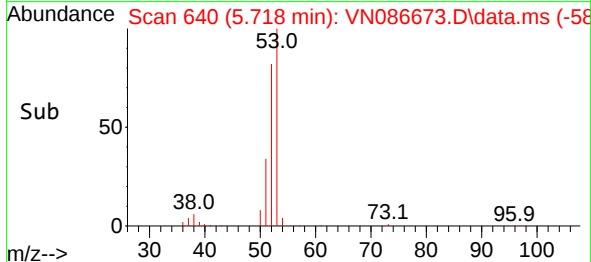
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



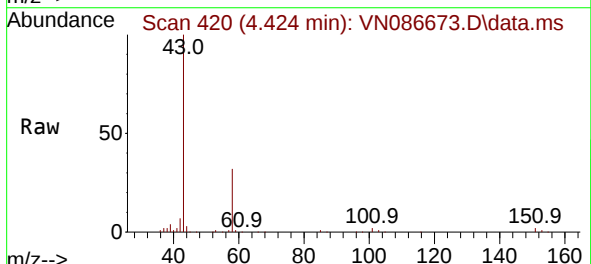
Tgt Ion: 53 Resp: 312458
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.2
51 34.9 27.9 41.9

Manual Integrations
APPROVED

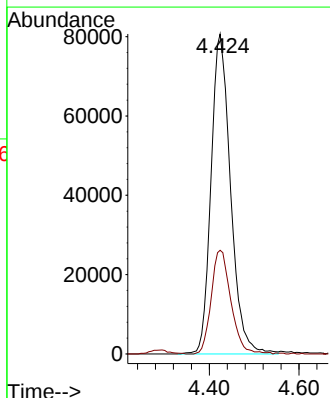
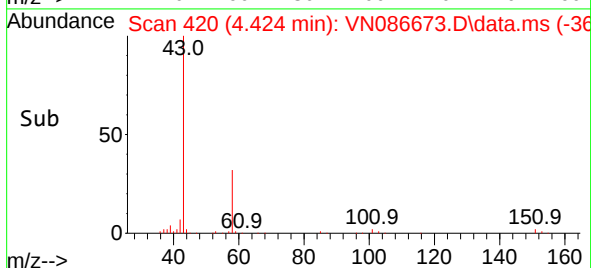
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

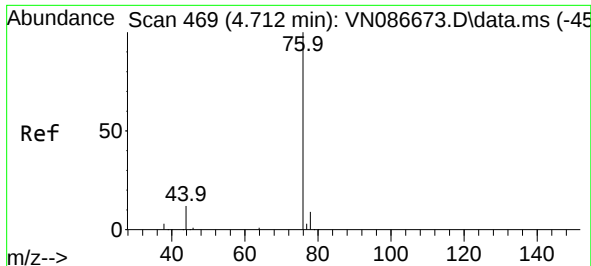


#16
Acetone
Concen: 210.585 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



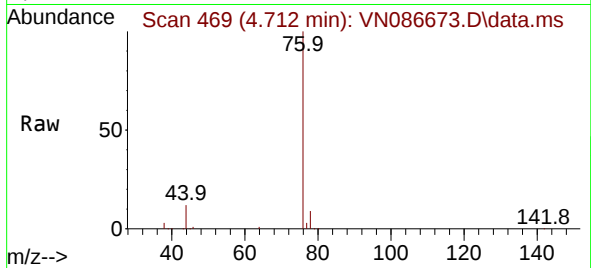
Tgt Ion: 43 Resp: 243902
Ion Ratio Lower Upper
43 100
58 32.2 25.8 38.6





#17
Carbon Disulfide
Concen: 43.833 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

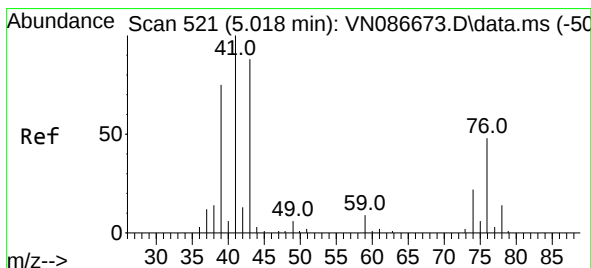
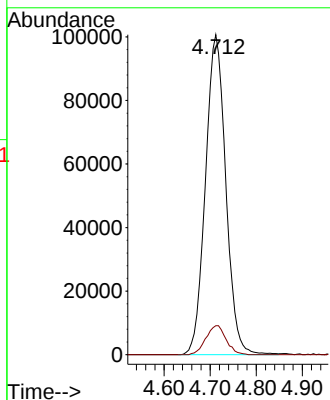
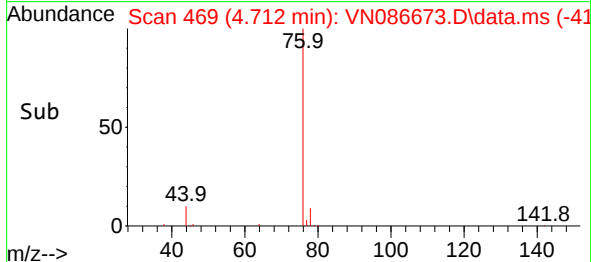
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



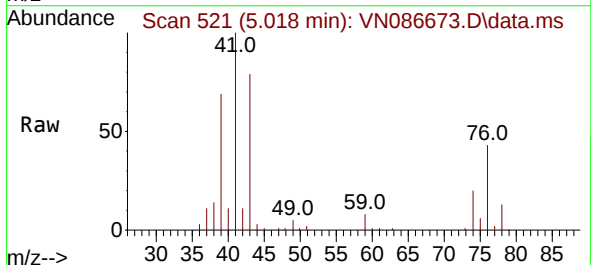
Tgt Ion: 76 Resp: 30955
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
APPROVED

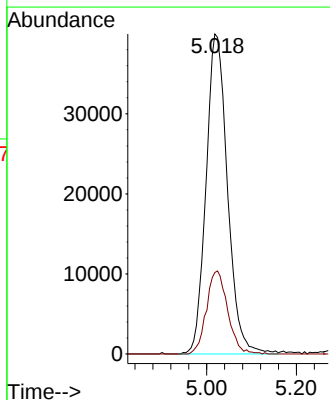
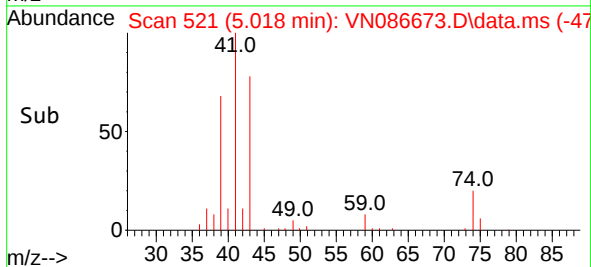
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

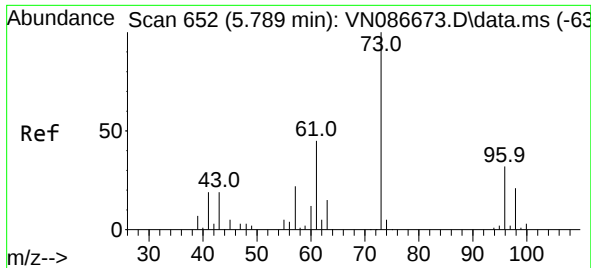


#18
Methyl Acetate
Concen: 38.953 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion: 43 Resp: 132976
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7





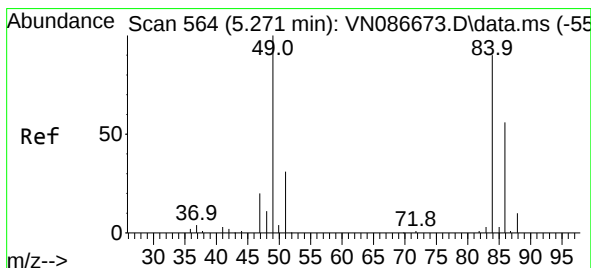
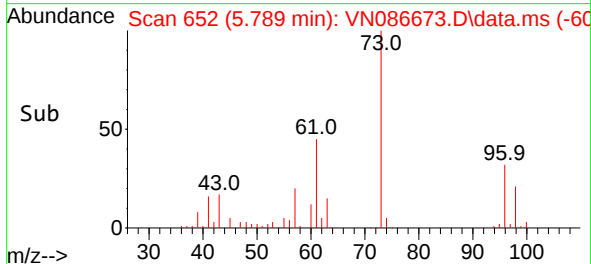
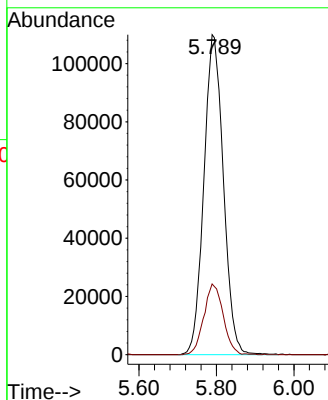
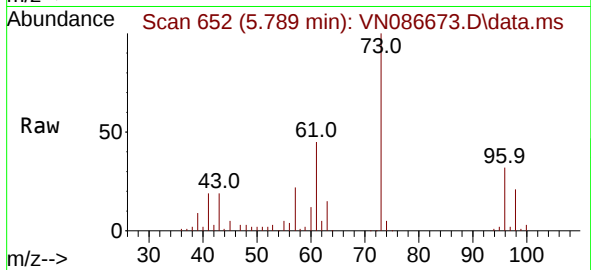
#19
Methyl tert-butyl Ether
Concen: 44.540 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 383825
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

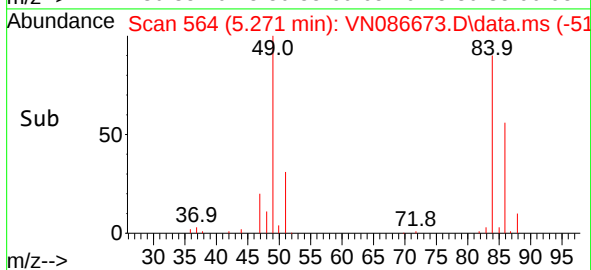
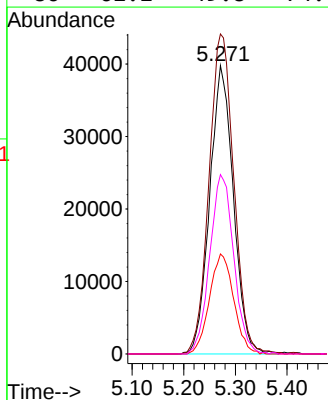
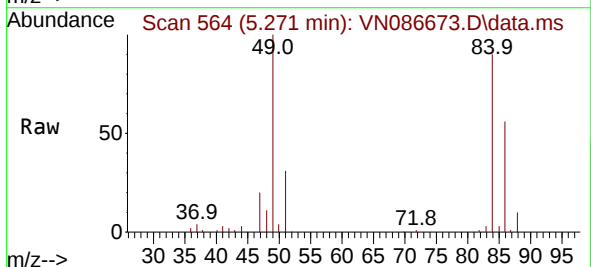
Manual Integrations
APPROVED

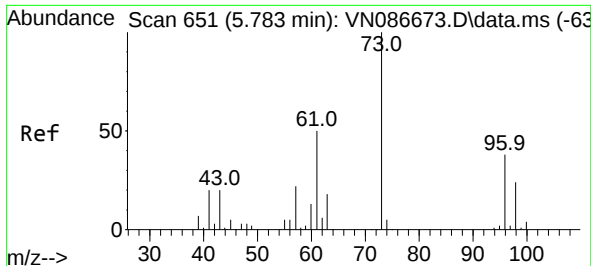
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#20
Methylene Chloride
Concen: 46.913 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

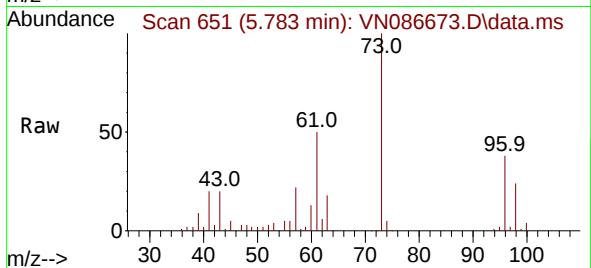
Tgt Ion: 84 Resp: 126581
Ion Ratio Lower Upper
84 100
49 111.0 88.8 133.2
51 34.7 27.8 41.6
86 62.2 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 46.868 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

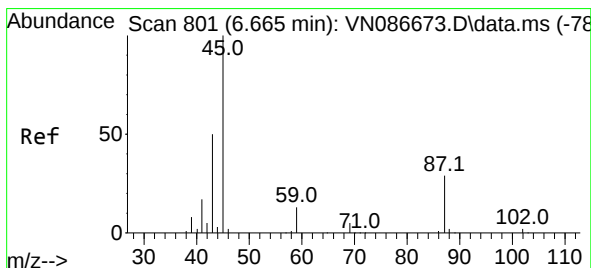
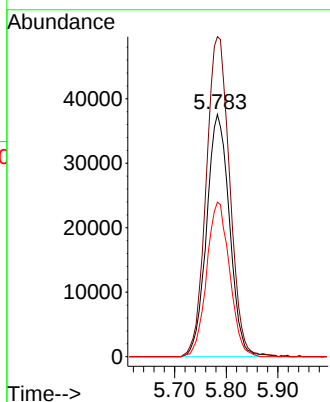
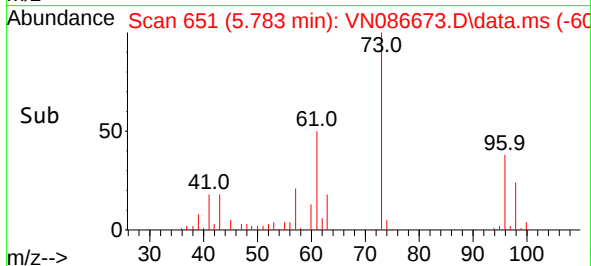
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 115810
Ion Ratio Lower Upper
96 100
61 132.1 105.7 158.5
98 63.8 51.0 76.6

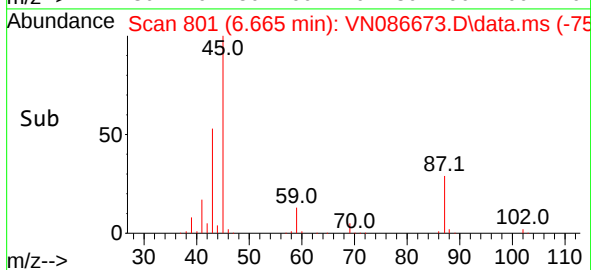
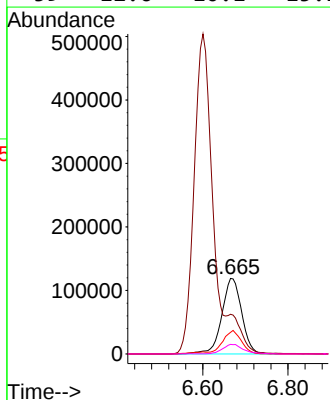
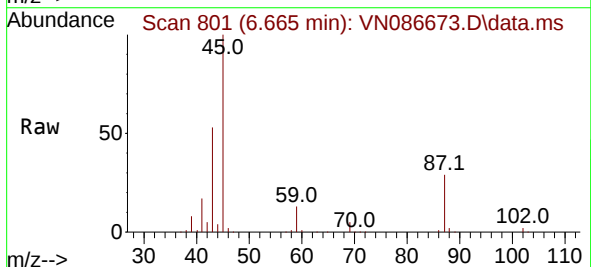
Manual Integrations
APPROVED

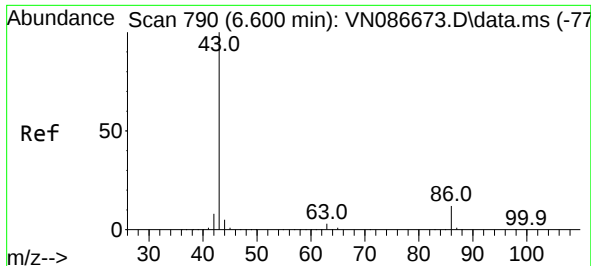
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#22
Diisopropyl ether
Concen: 42.813 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion: 45 Resp: 385688
Ion Ratio Lower Upper
45 100
43 51.8 41.4 62.2
87 28.6 22.9 34.3
59 12.6 10.1 15.1





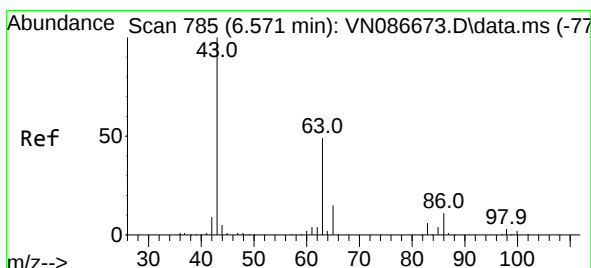
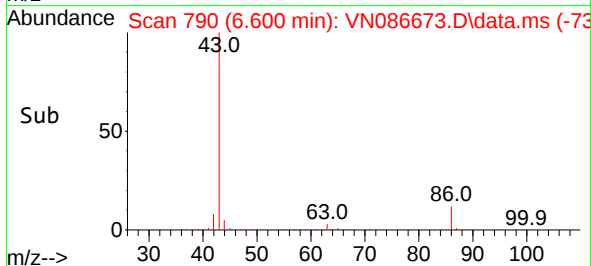
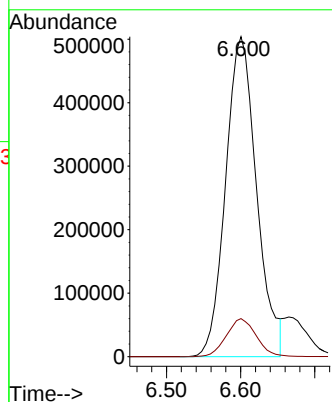
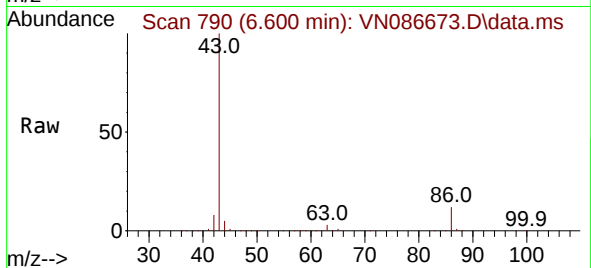
#23
 Vinyl Acetate
 Concen: 229.724 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 146294
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.5 14.3

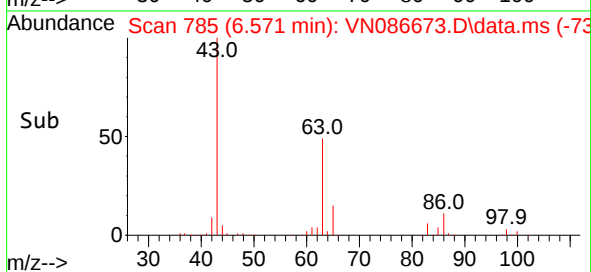
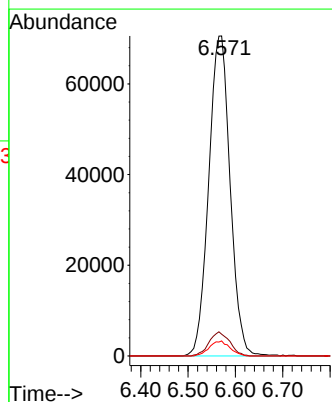
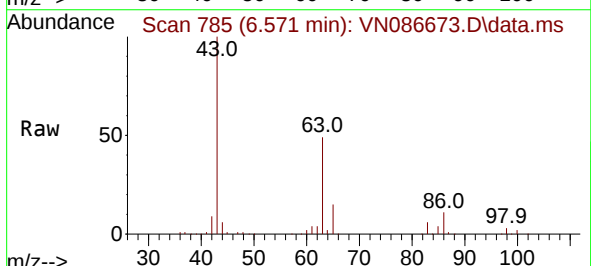
Manual Integrations
 APPROVED

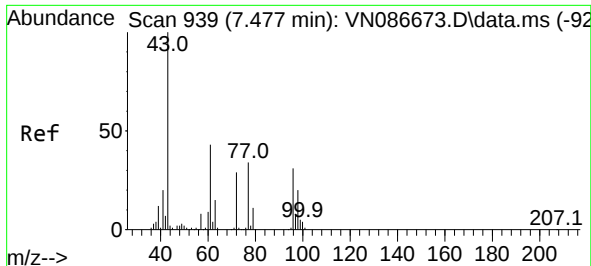
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#24
 1,1-Dichloroethane
 Concen: 46.174 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

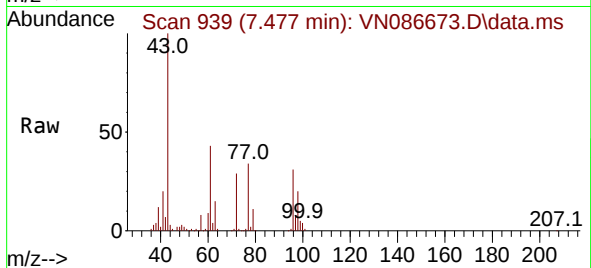
Tgt Ion: 63 Resp: 221538
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 224.413 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

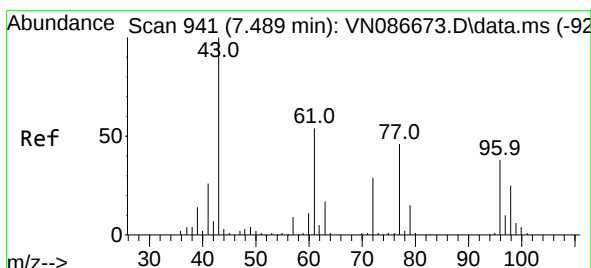
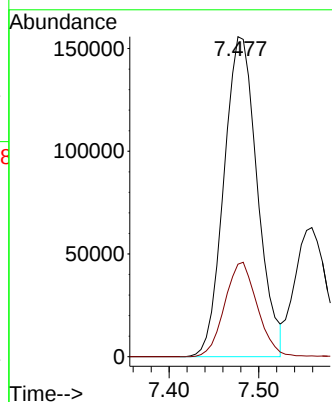
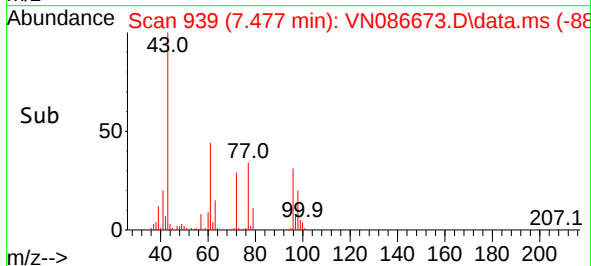
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 402910
Ion Ratio Lower Upper
43 100
72 28.9 23.1 34.7

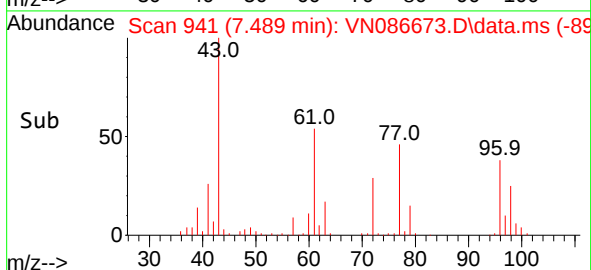
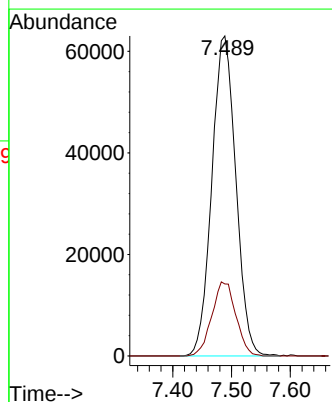
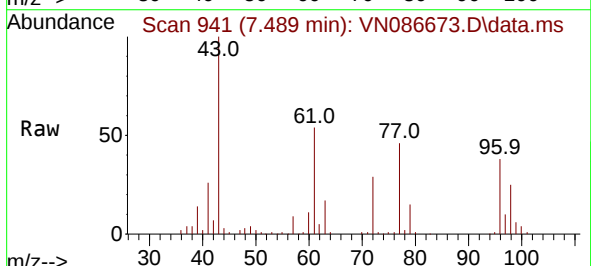
Manual Integrations
APPROVED

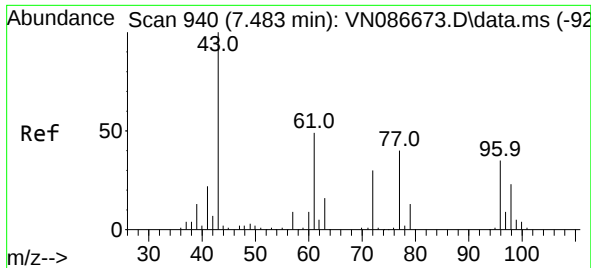
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#26
2,2-Dichloropropane
Concen: 42.029 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

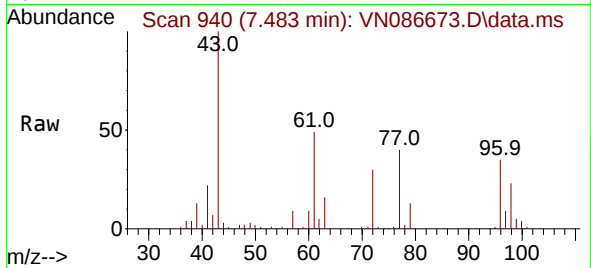
Tgt Ion: 77 Resp: 178757
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 46.629 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

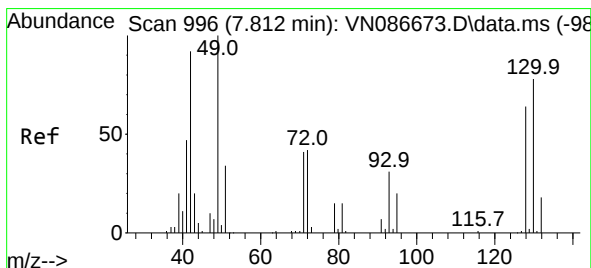
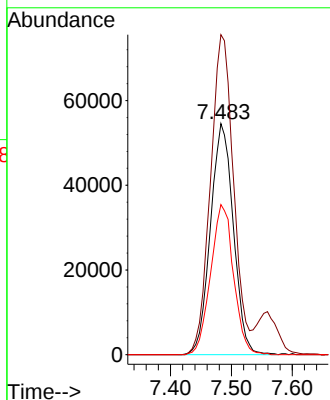
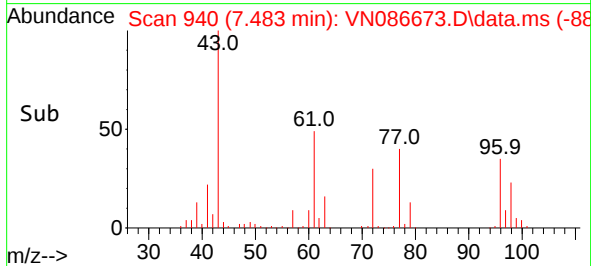
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 142862
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 277.4
 98 64.8 0.0 129.6

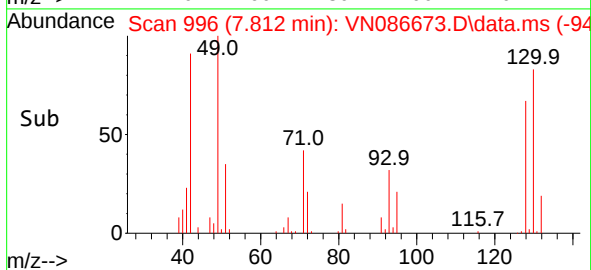
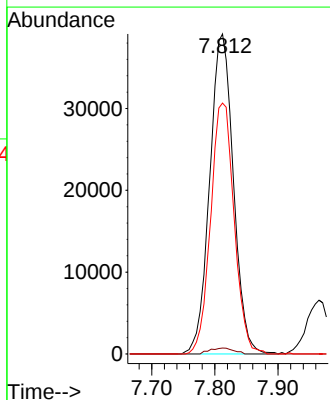
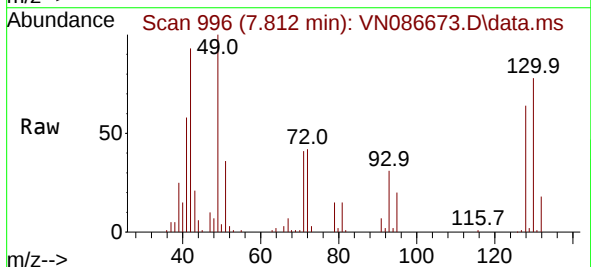
Manual Integrations
 APPROVED

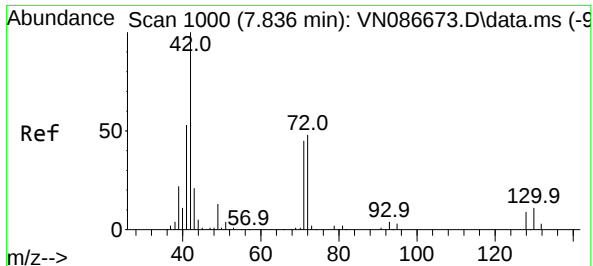
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#28
 Bromochloromethane
 Concen: 49.651 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

Tgt Ion: 49 Resp: 101861
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 77.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 221.224 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 26554

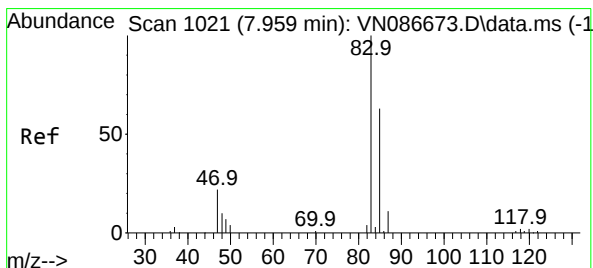
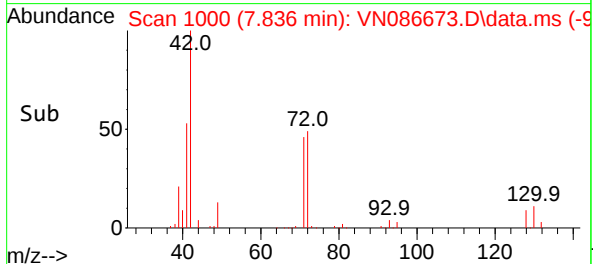
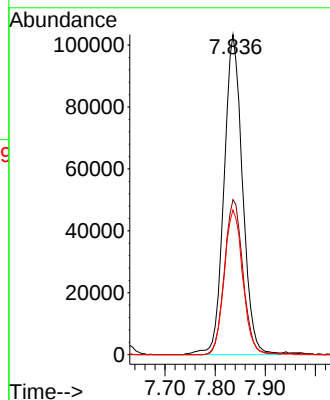
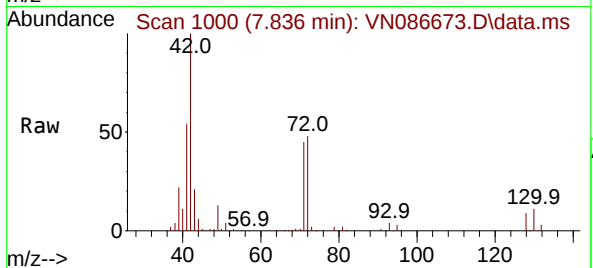
Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.7	58.1
71	45.3	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#30

Chloroform

Concen: 46.418 ug/l

RT: 7.959 min Scan# 1021

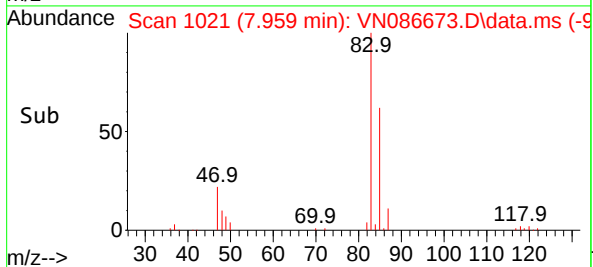
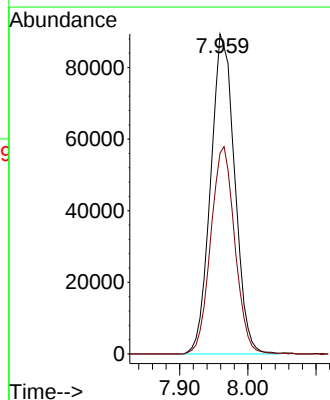
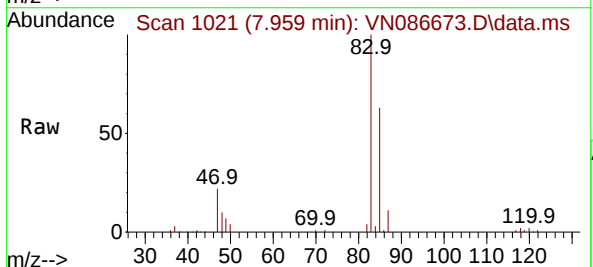
Delta R.T. 0.000 min

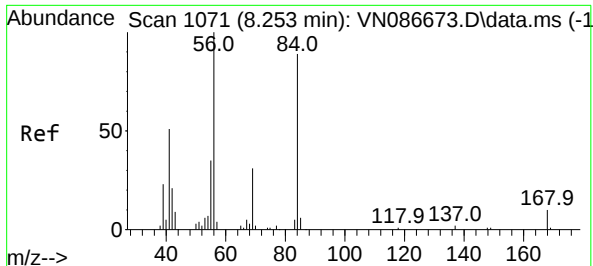
Lab File: VN086673.D

Acq: 16 May 2025 18:08

Tgt Ion: 83 Resp: 219404

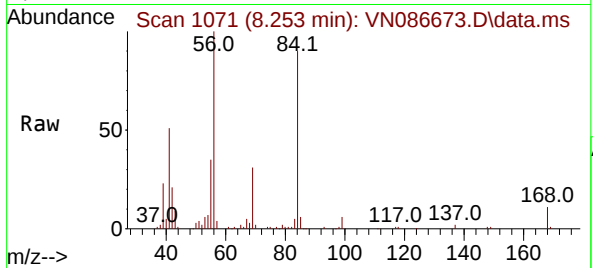
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.2	75.4





#31
Cyclohexane
Concen: 42.429 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

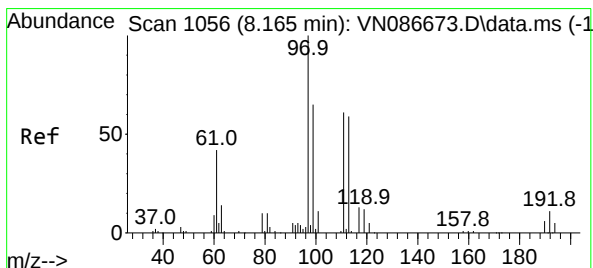
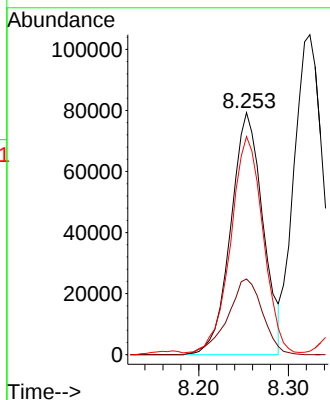
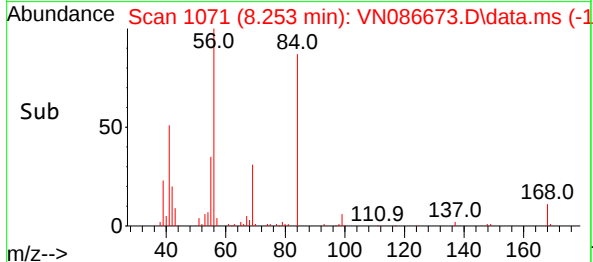
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



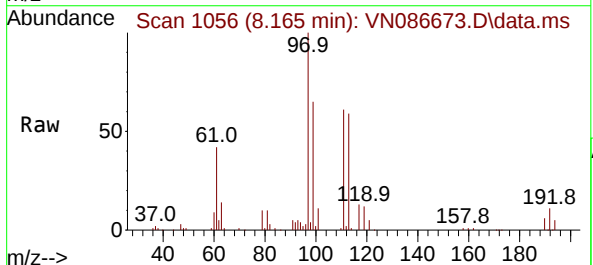
Tgt Ion: 56 Resp: 19728
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 88.7 71.0 106.4

Manual Integrations
APPROVED

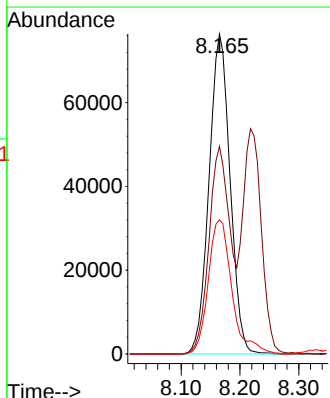
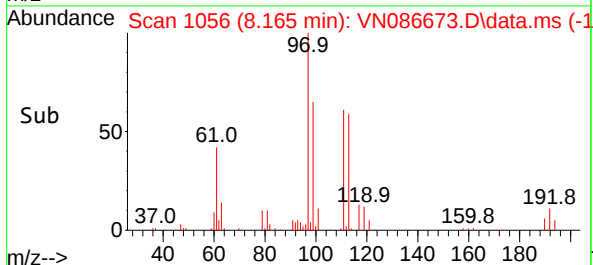
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

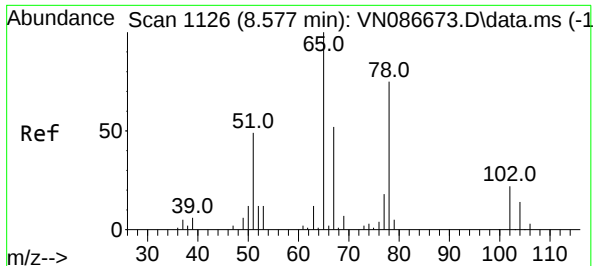


#32
1,1,1-Trichloroethane
Concen: 46.845 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion: 97 Resp: 189597
Ion Ratio Lower Upper
97 100
99 65.8 52.6 79.0
61 47.1 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 48.157 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 13913

Ion Ratio Lower Upper

65 100

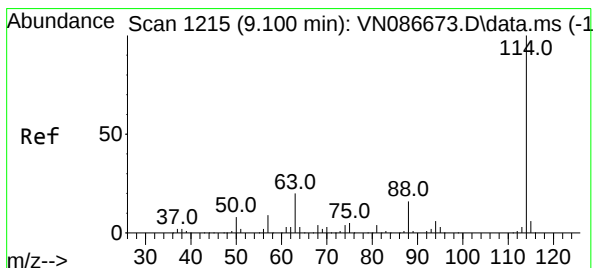
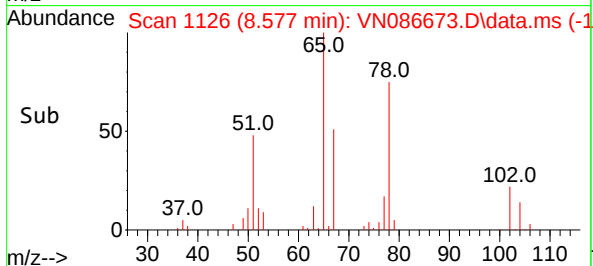
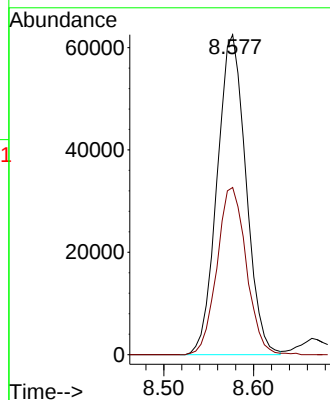
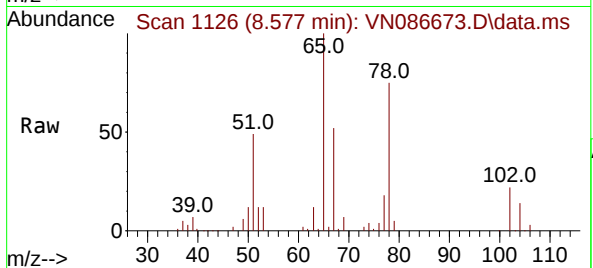
67 53.2 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

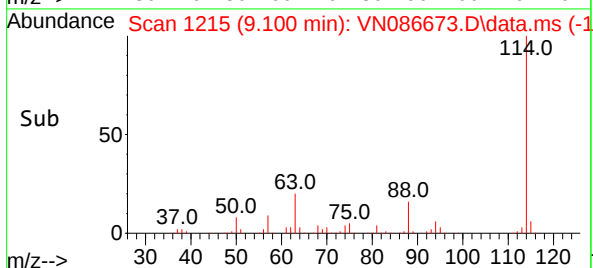
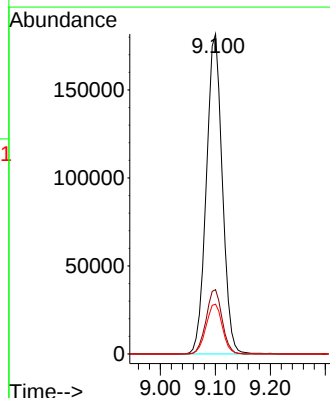
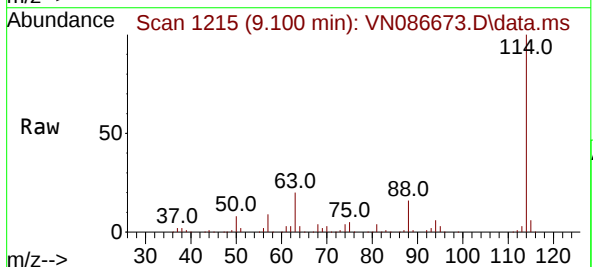
Tgt Ion:114 Resp: 366335

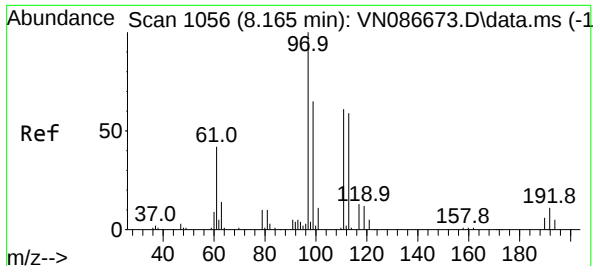
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 59.961 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 10930

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

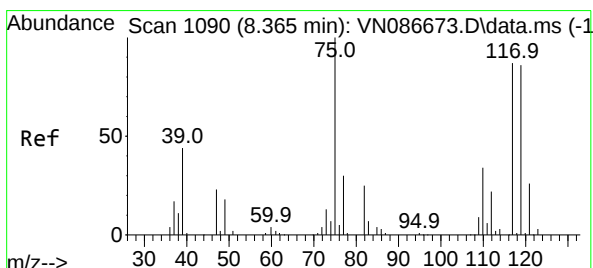
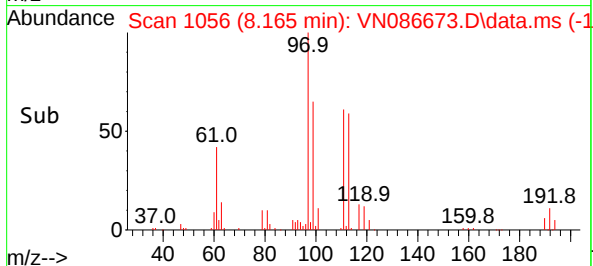
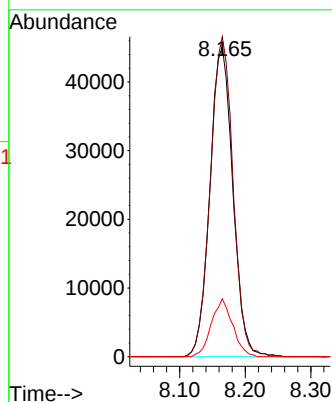
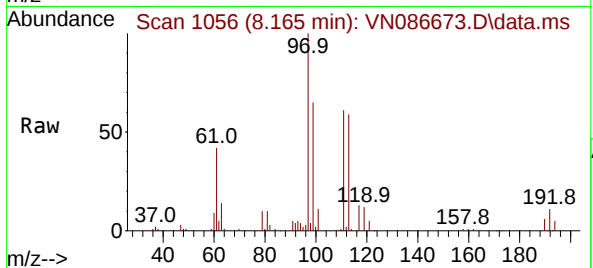
192 17.3 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#36

1,1-Dichloropropene

Concen: 47.088 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

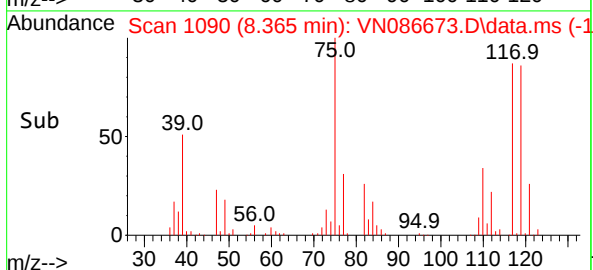
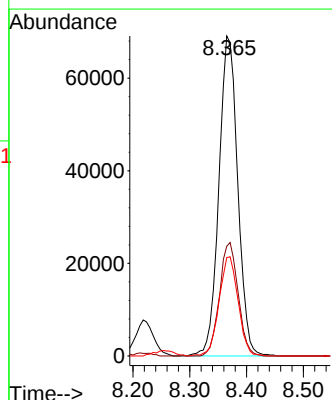
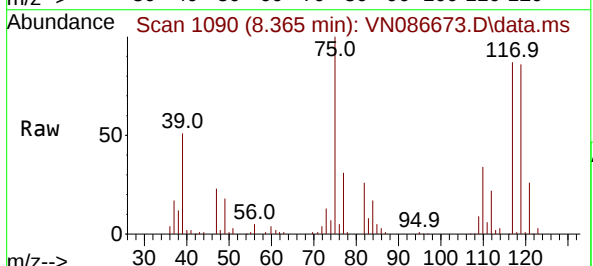
Tgt Ion: 75 Resp: 159488

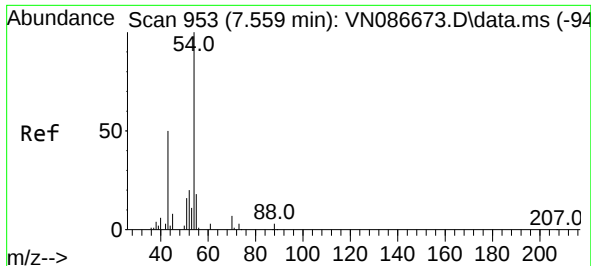
Ion Ratio Lower Upper

75 100

110 35.0 17.5 52.5

77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 44.832 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 15970

Ion Ratio Lower Upper

43 100

61 14.5 11.6 17.4

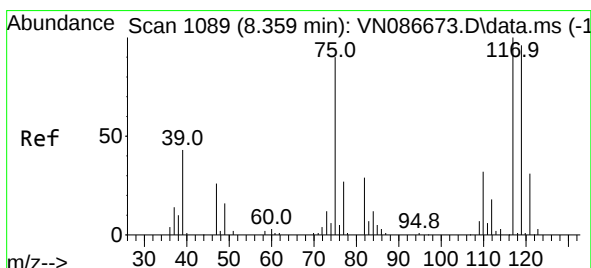
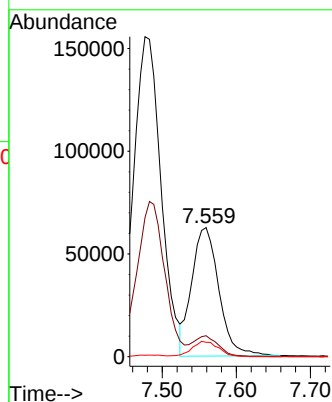
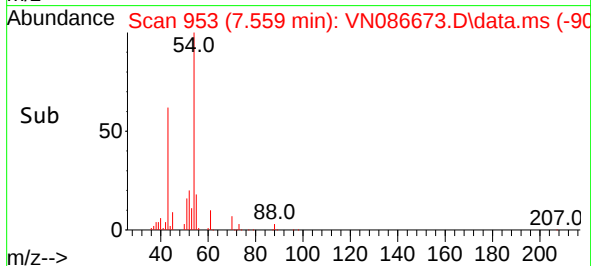
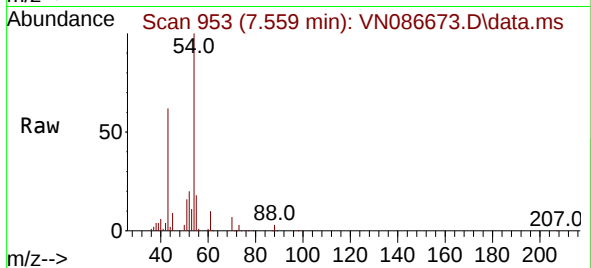
70 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#38

Carbon Tetrachloride

Concen: 48.589 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

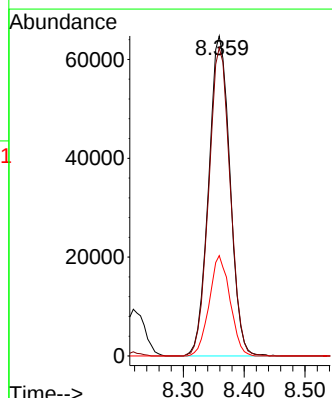
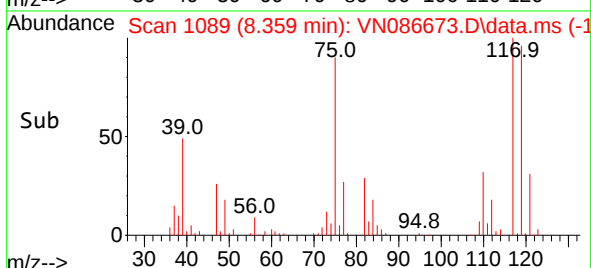
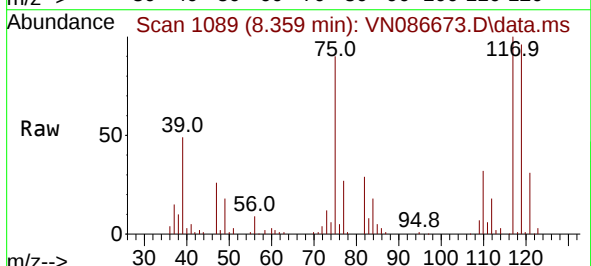
Tgt Ion:117 Resp: 157560

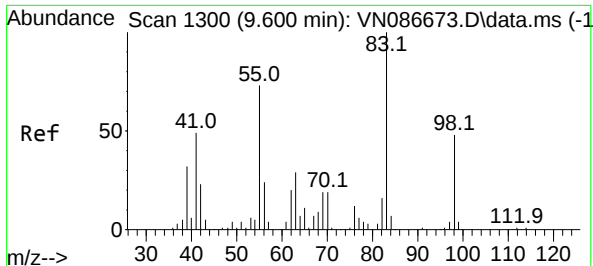
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

121 31.3 25.0 37.6





#39

Methylcyclohexane

Concen: 44.277 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

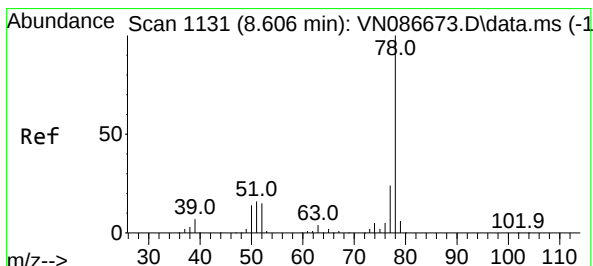
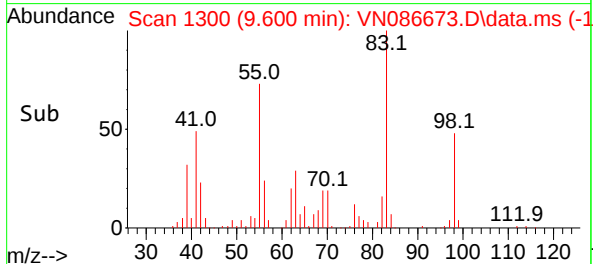
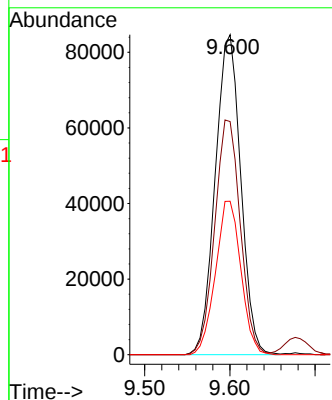
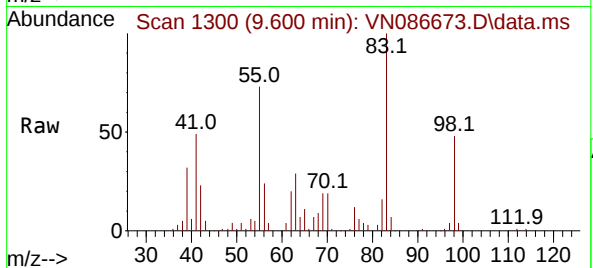
Tgt Ion: 83	Resp: 17645
Ion Ratio	Lower Upper
83	100
55	72.8 58.2 87.4
98	48.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#40

Benzene

Concen: 47.252 ug/l

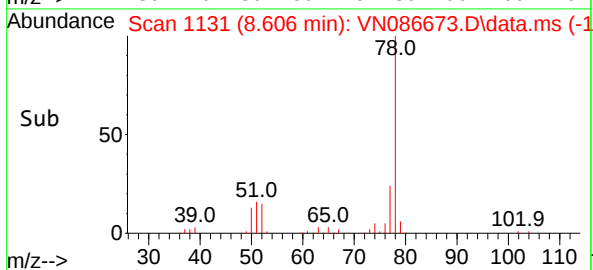
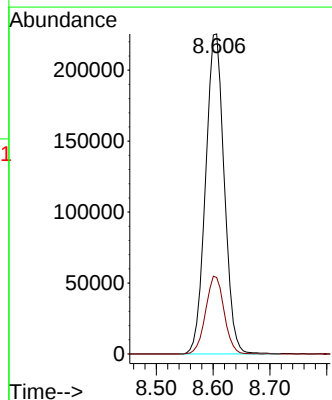
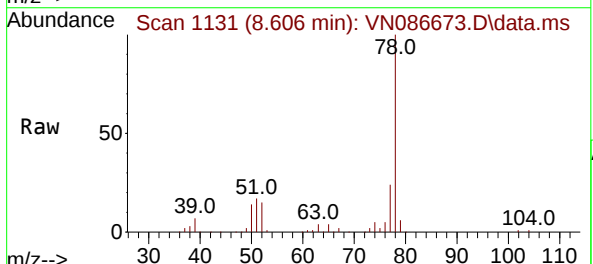
RT: 8.606 min Scan# 1131

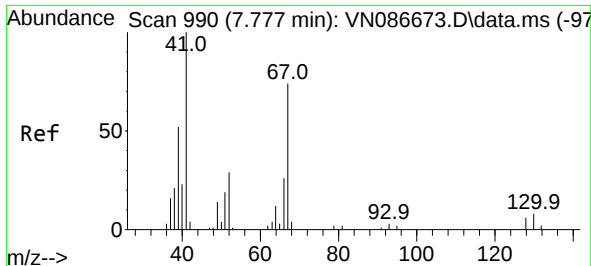
Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Tgt Ion: 78	Resp: 513727
Ion Ratio	Lower Upper
78	100
77	23.9 19.1 28.7





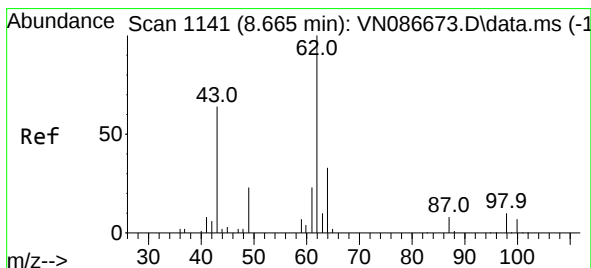
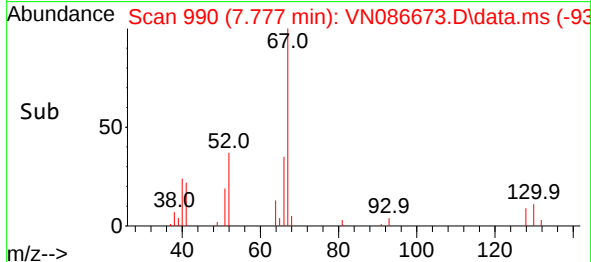
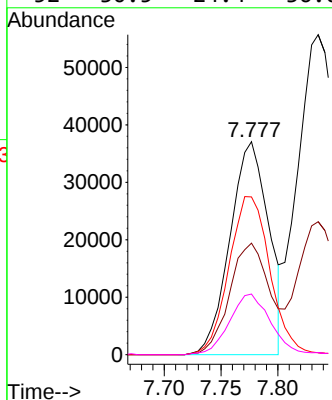
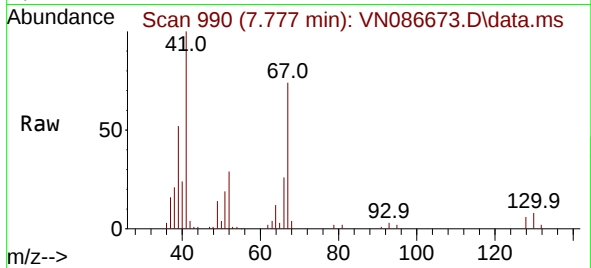
#41
Methacrylonitrile
Concen: 42.982 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 87794
Ion Ratio Lower Upper
41 100
39 56.1 44.9 67.3
67 79.2 63.4 95.0
52 30.5 24.4 36.6

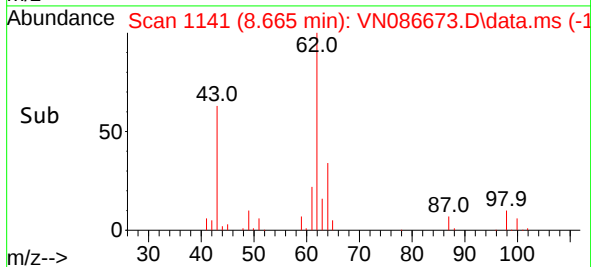
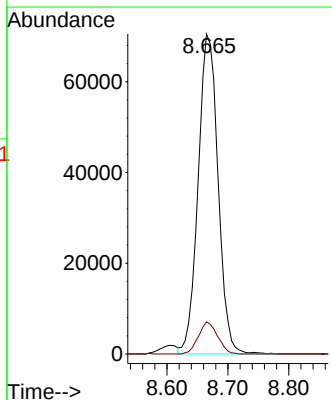
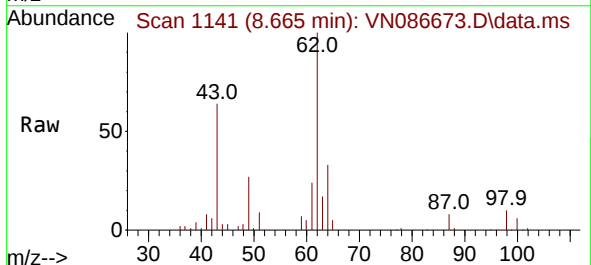
Manual Integrations
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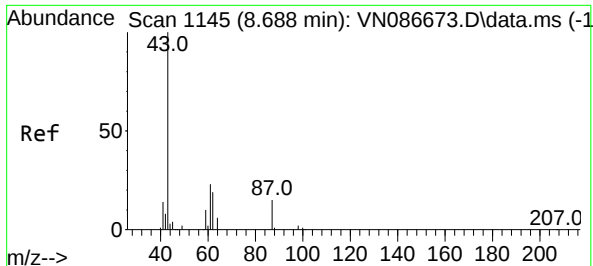
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#42
1,2-Dichloroethane
Concen: 46.310 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

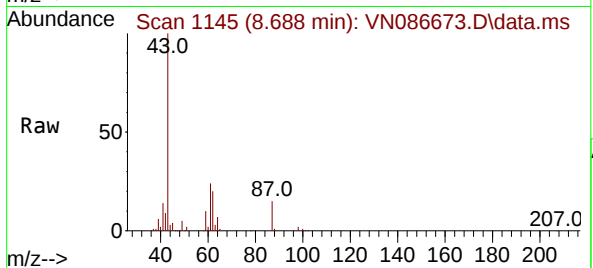
Tgt Ion: 62 Resp: 160313
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43
Isopropyl Acetate
Concen: 33.201 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

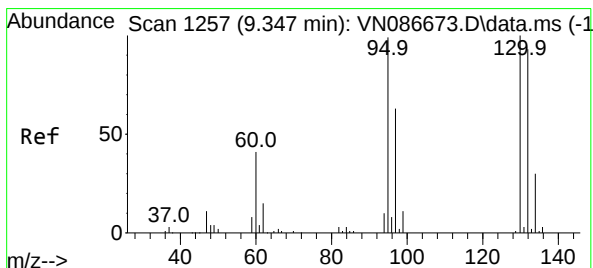
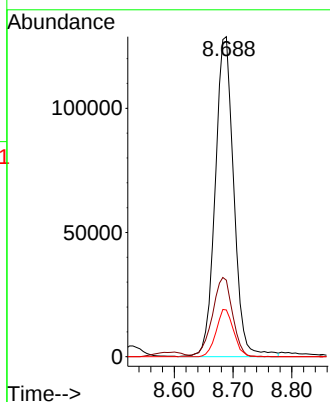
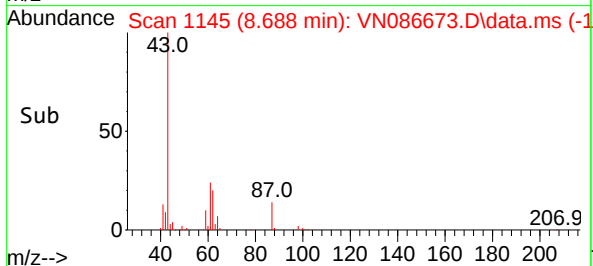
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 28243
Ion Ratio Lower Upper
43 100
61 26.8 21.4 32.2
87 13.9 11.1 16.7

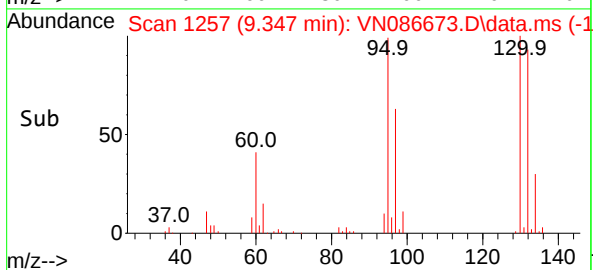
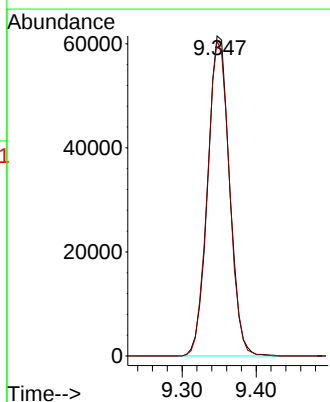
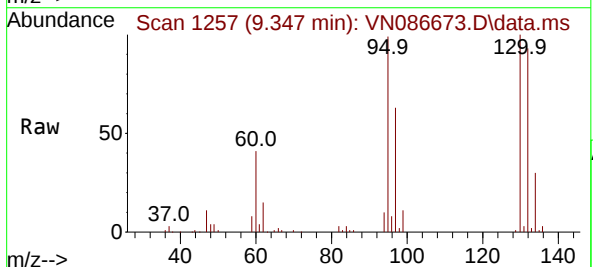
Manual Integrations
APPROVED

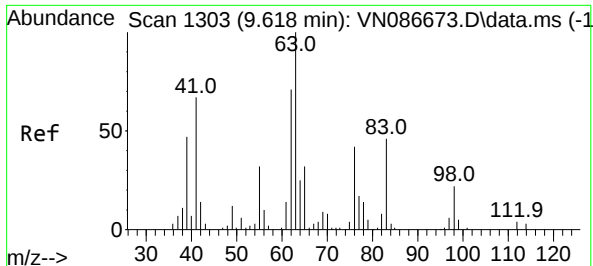
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#44
Trichloroethene
Concen: 48.612 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion:130 Resp: 125647
Ion Ratio Lower Upper
130 100
95 98.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 46.461 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 12298

Ion Ratio Lower Upper

63 100

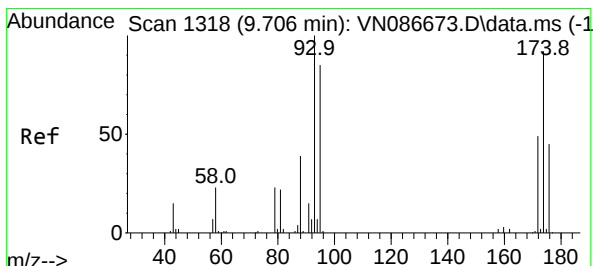
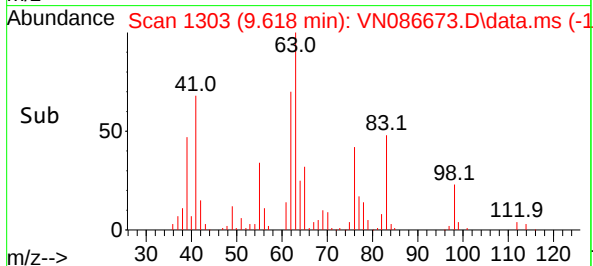
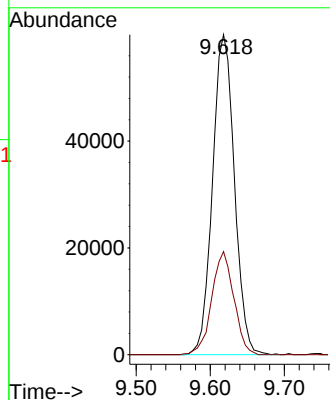
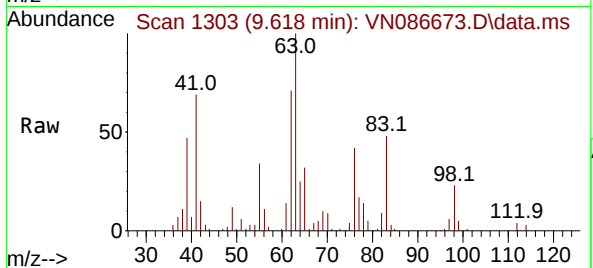
65 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#46

Dibromomethane

Concen: 49.113 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

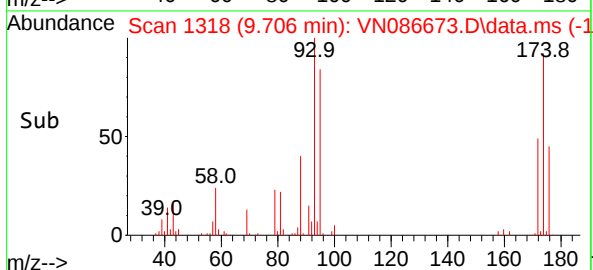
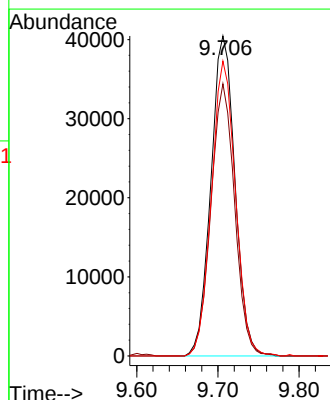
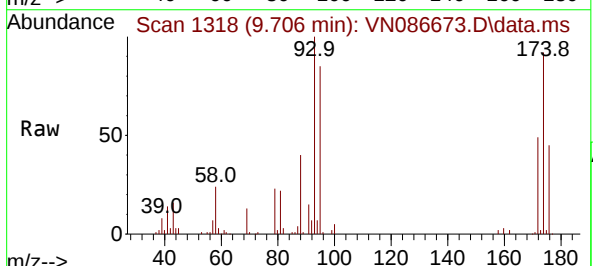
Tgt Ion: 93 Resp: 83377

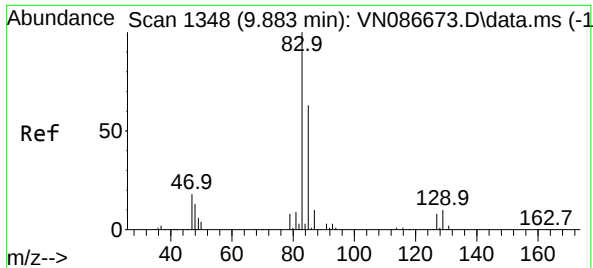
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

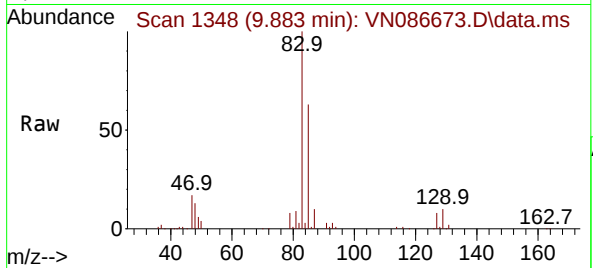
174 92.2 73.8 110.6





#47
Bromodichloromethane
Concen: 47.166 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

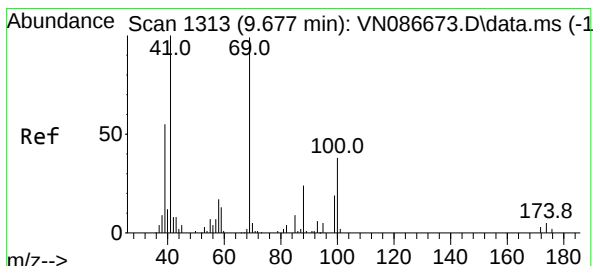
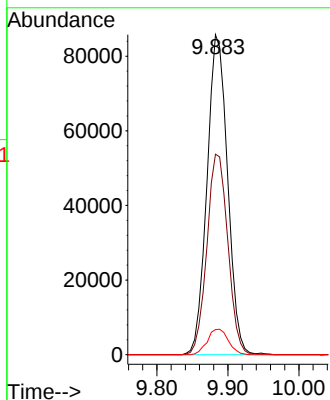
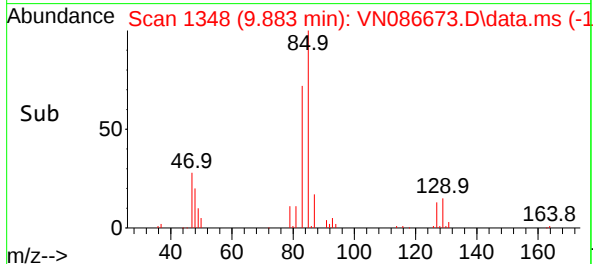
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 172620
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 7.8 6.2 9.4

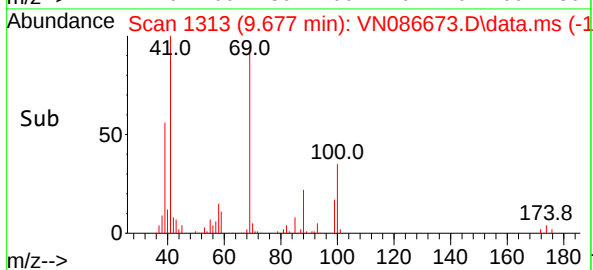
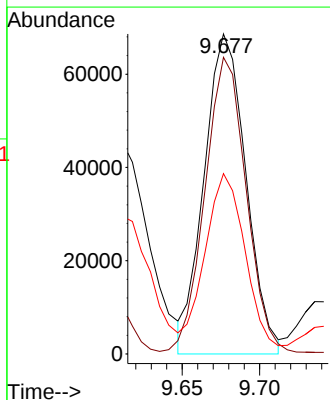
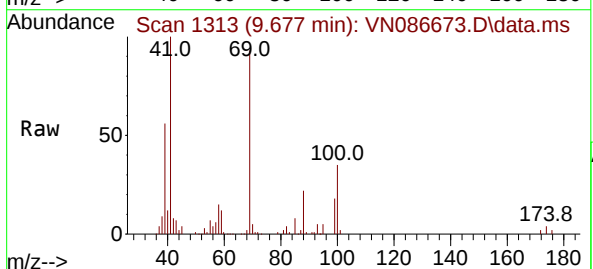
Manual Integrations
APPROVED

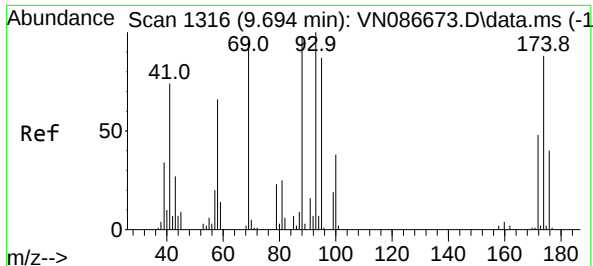
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#48
Methyl methacrylate
Concen: 41.698 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion: 41 Resp: 128661
Ion Ratio Lower Upper
41 100
69 92.6 74.1 111.1
39 55.1 44.1 66.1





#49

1,4-Dioxane

Concen: 1002.364 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 54709

Ion Ratio Lower Upper

88 100

43 29.5 23.6 35.4

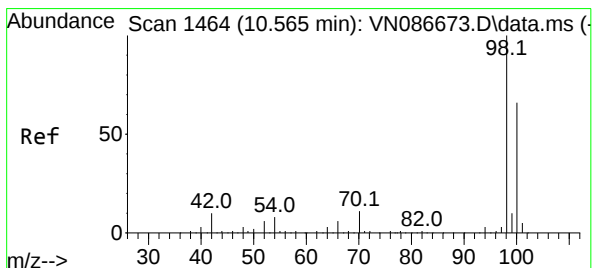
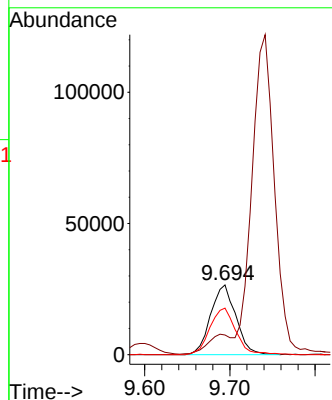
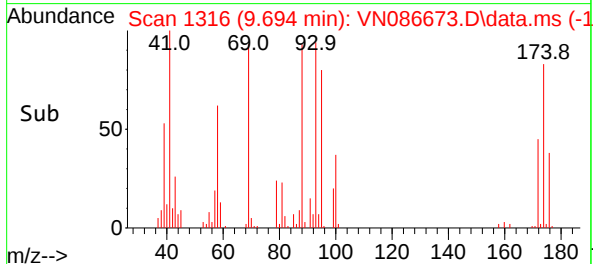
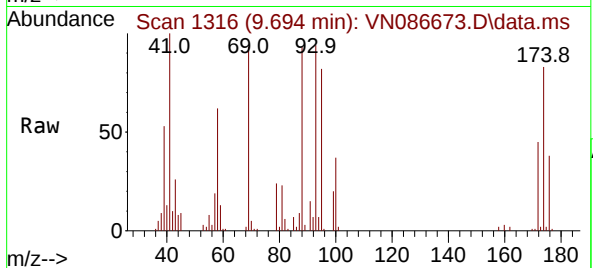
58 69.1 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#50

Toluene-d8

Concen: 50.416 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086673.D

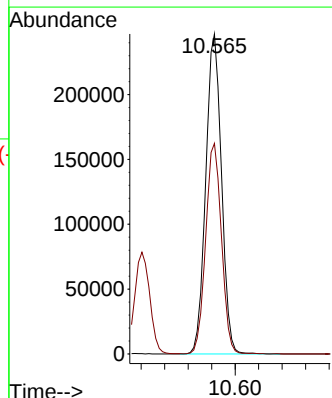
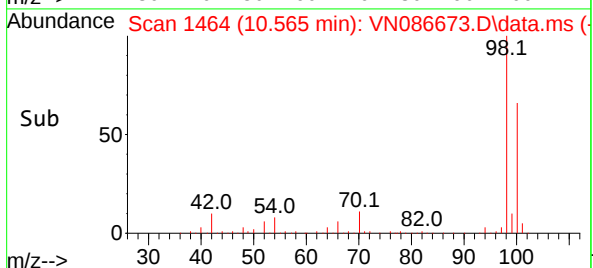
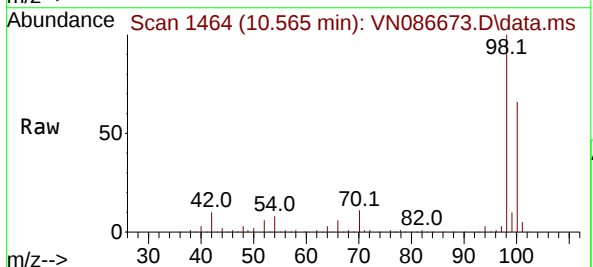
Acq: 16 May 2025 18:08

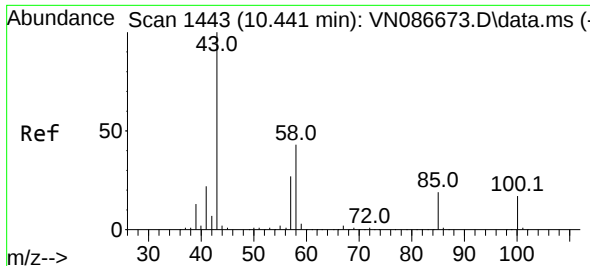
Tgt Ion: 98 Resp: 458089

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3





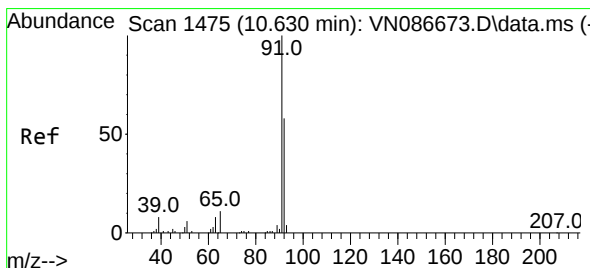
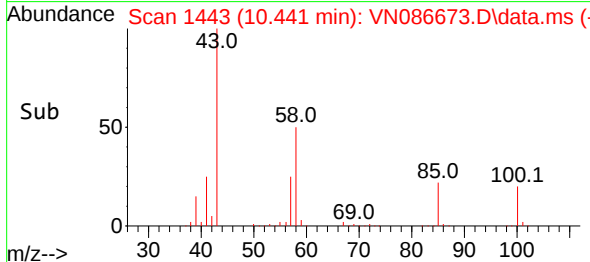
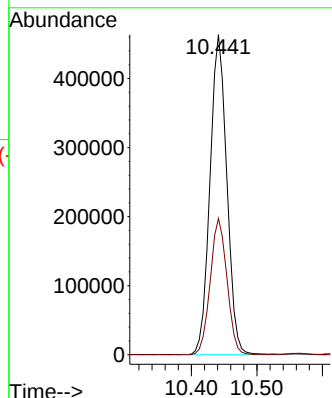
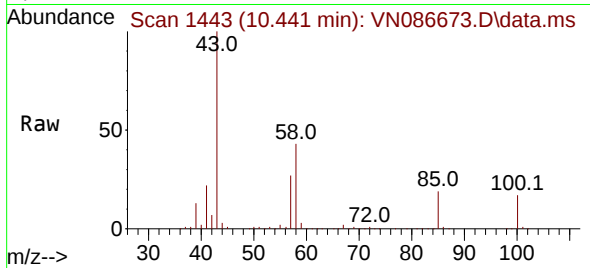
#51
4-Methyl-2-Pentanone
Concen: 228.029 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 82567
Ion Ratio Lower Upper
43 100
58 42.4 33.9 50.9

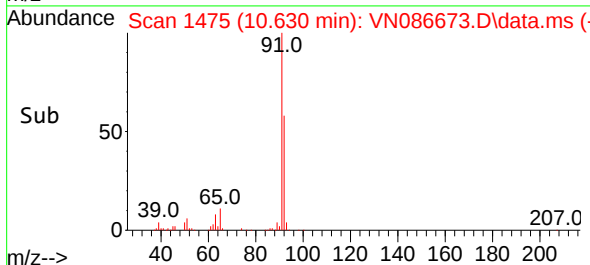
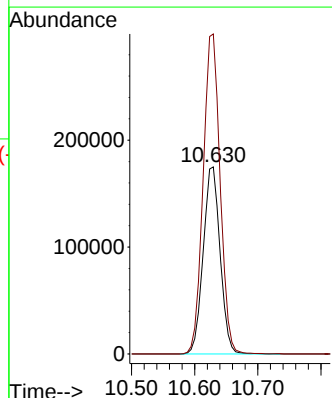
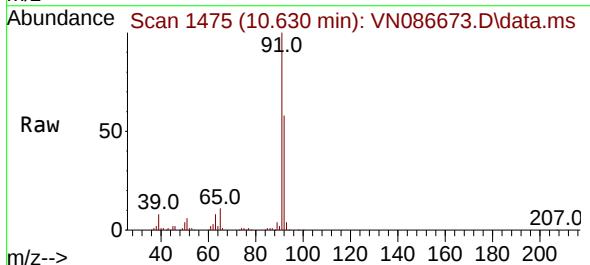
Manual Integrations
APPROVED

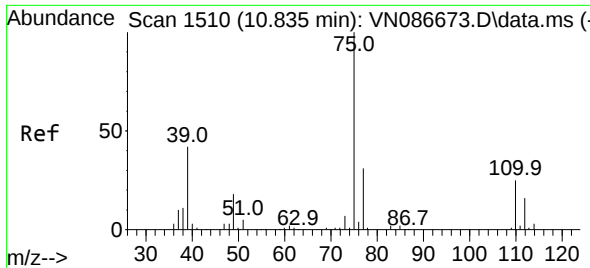
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#52
Toluene
Concen: 47.903 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

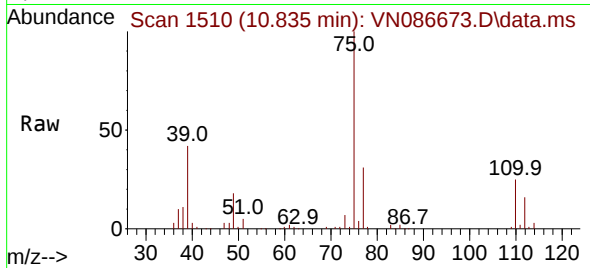
Tgt Ion: 92 Resp: 324906
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 46.497 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

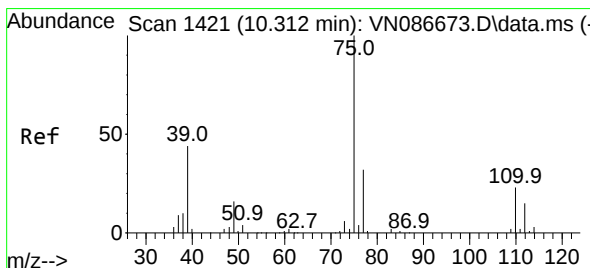
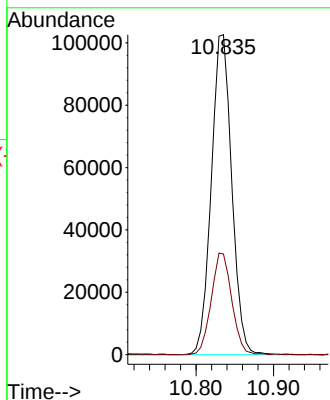
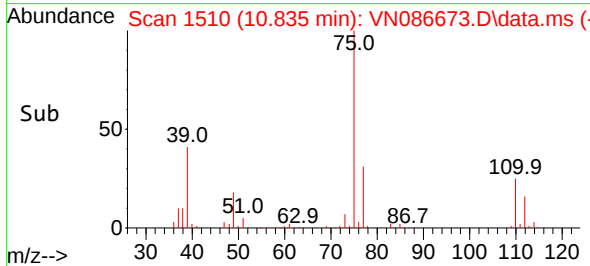
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 188352
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

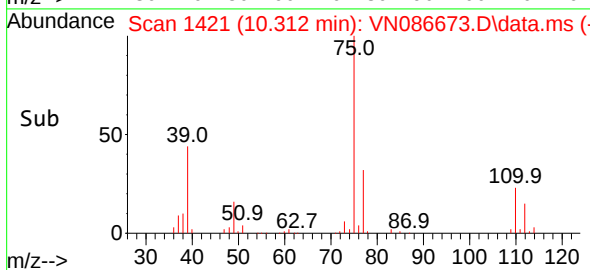
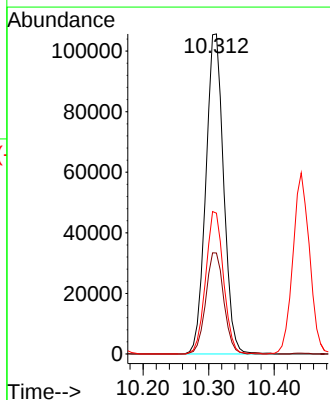
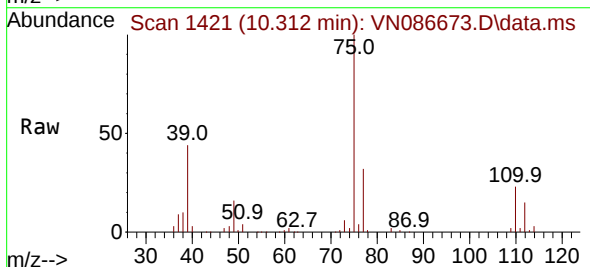
Manual Integrations
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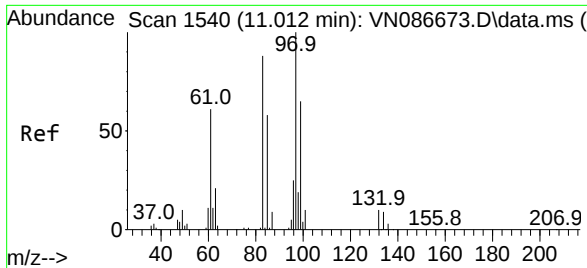
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 44.899 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

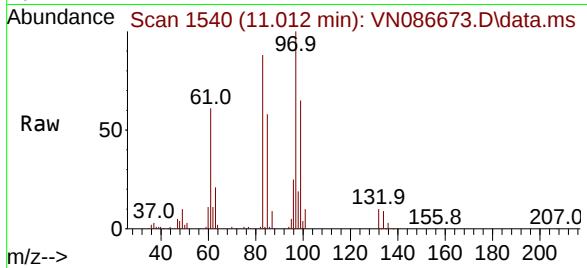
Tgt Ion: 75 Resp: 200078
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 44.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 48.104 ug/l
RT: 11.012 min Scan# 11767
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

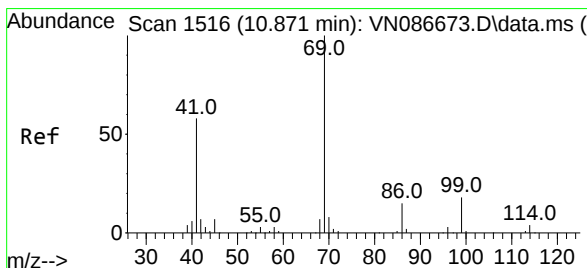
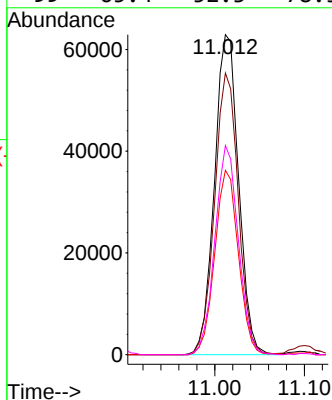
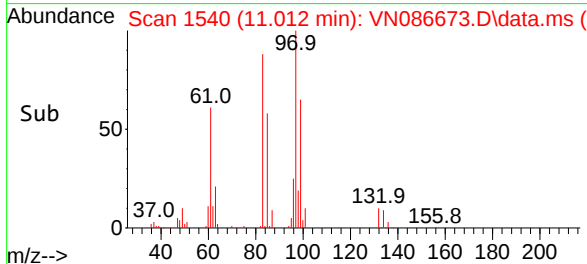
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	11767
Ion Ratio	100	Lower	Upper
97	100		
83	88.0	70.4	105.6
85	57.6	46.1	69.1
99	65.4	52.3	78.5

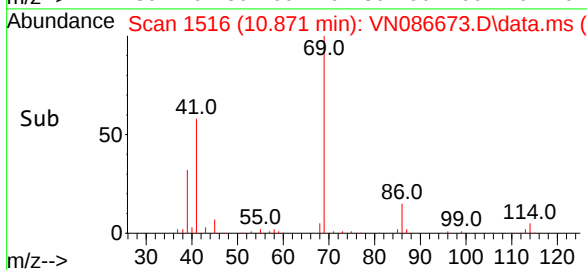
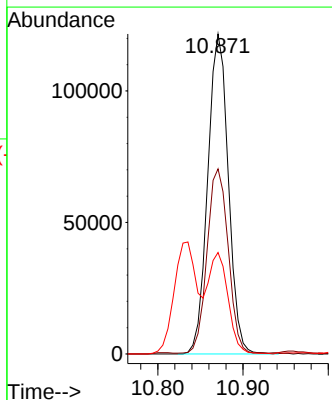
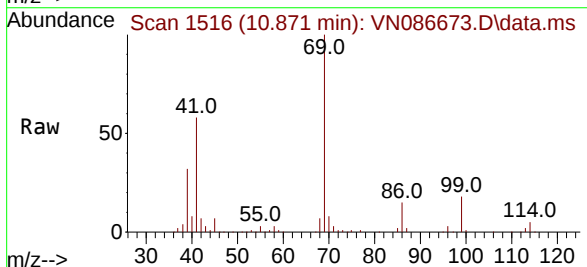
Manual Integrations
APPROVED

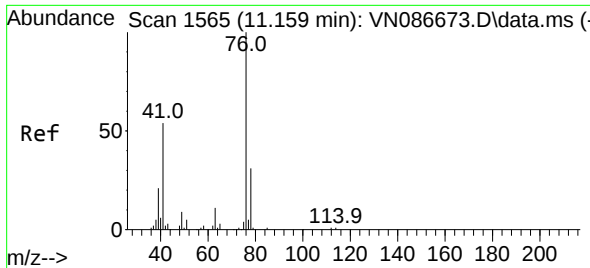
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#56
Ethyl methacrylate
Concen: 45.731 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion:	69	Resp:	204115
Ion Ratio	100	Lower	Upper
69	100		
41	59.2	47.4	71.0
39	30.0	24.0	36.0





#57

1,3-Dichloropropane

Concen: 47.516 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 205784

Ion Ratio Lower Upper

76 100

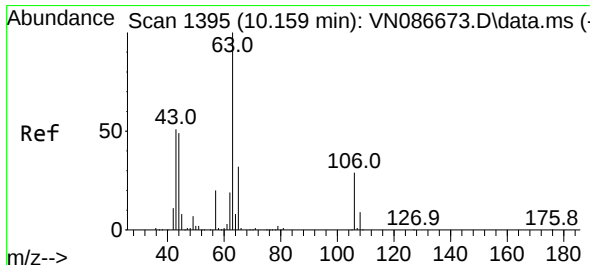
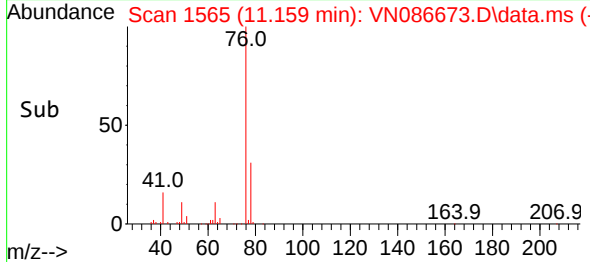
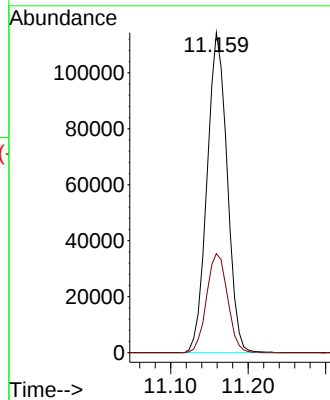
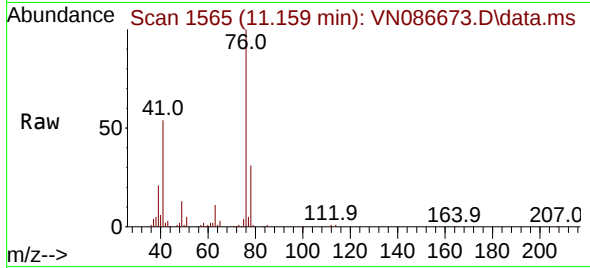
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 225.901 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086673.D

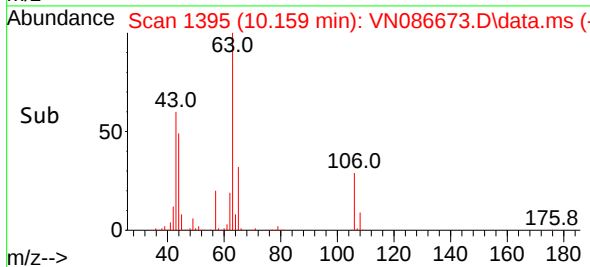
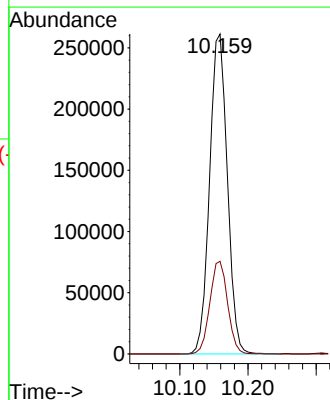
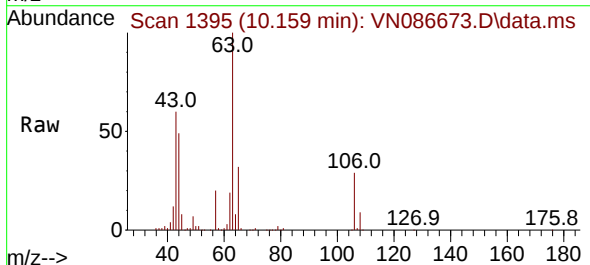
Acq: 16 May 2025 18:08

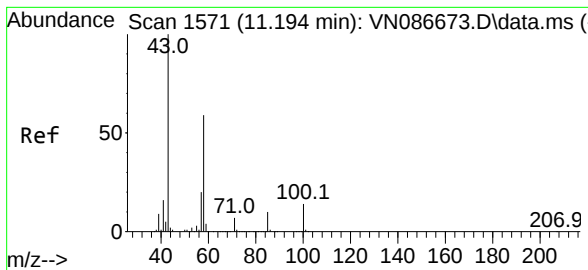
Tgt Ion: 63 Resp: 473490

Ion Ratio Lower Upper

63 100

106 28.9 23.1 34.7





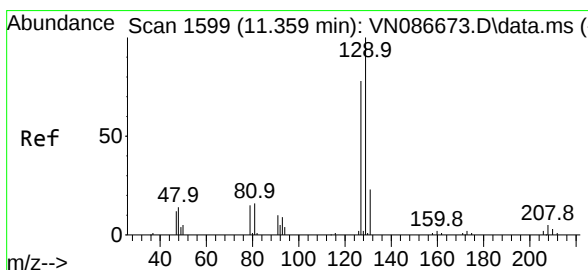
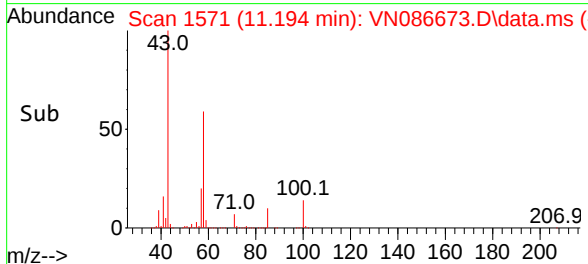
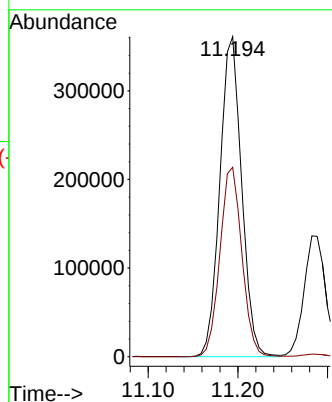
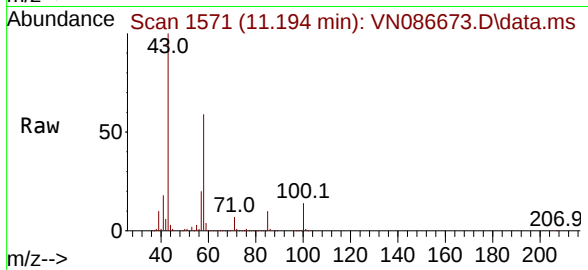
#59
2-Hexanone
Concen: 226.589 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 60910
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5

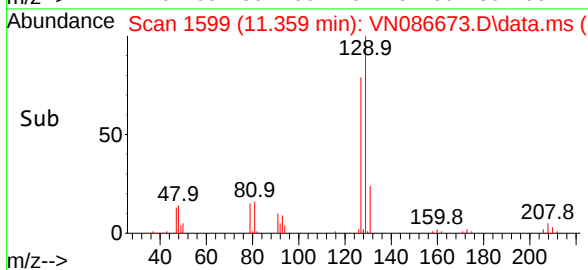
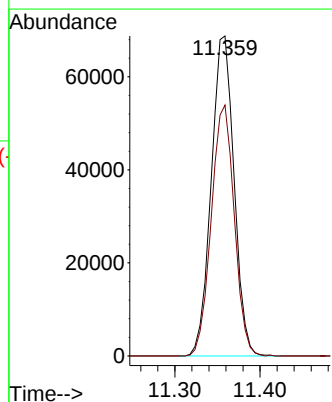
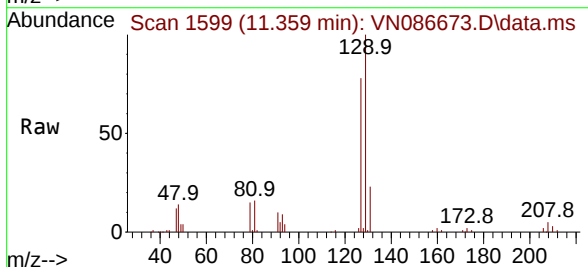
Manual Integrations
APPROVED

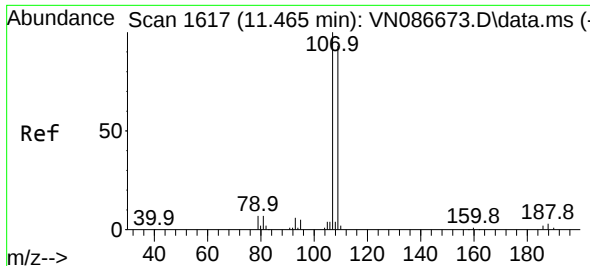
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#60
Dibromochloromethane
Concen: 47.766 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion:129 Resp: 127861
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.3





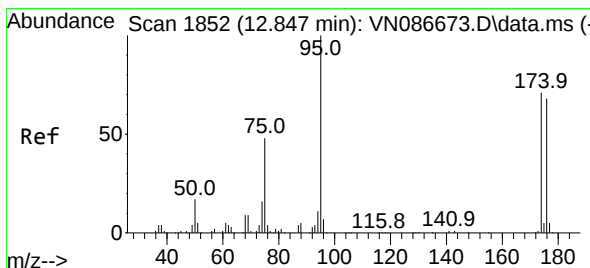
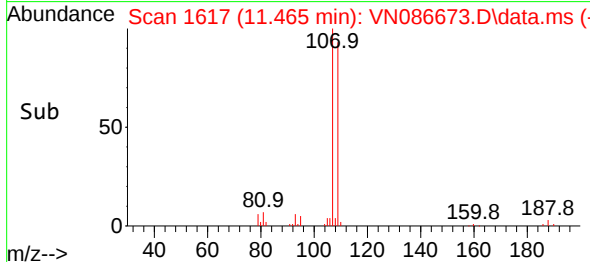
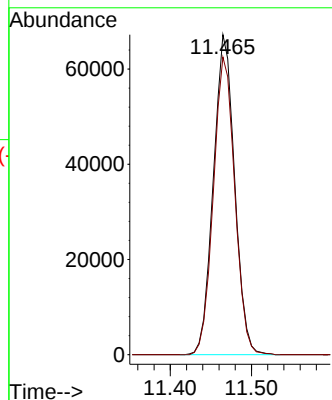
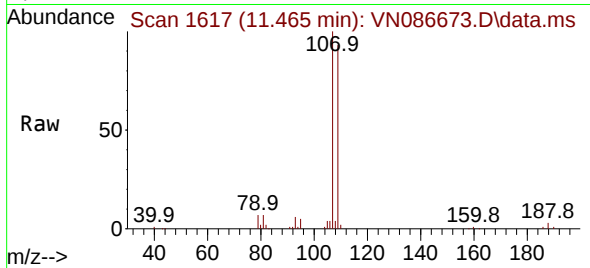
#61
1,2-Dibromoethane
Concen: 49.356 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 12220
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.4

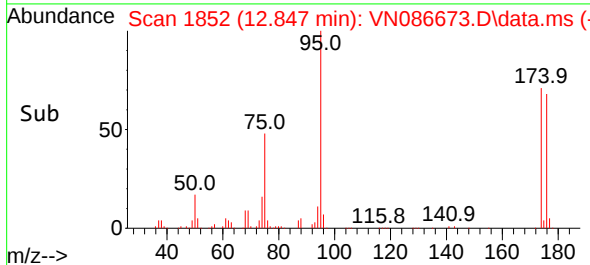
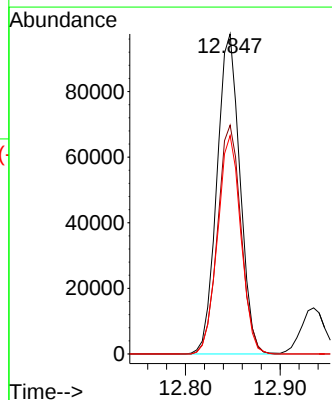
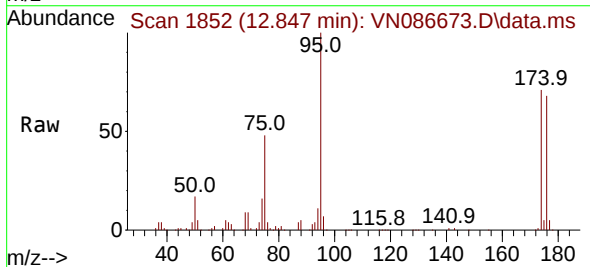
Manual Integrations
APPROVED

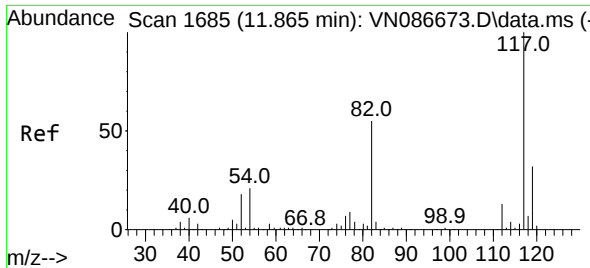
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#62
4-Bromofluorobenzene
Concen: 49.931 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion: 95 Resp: 164814
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.4
176 68.9 0.0 137.8





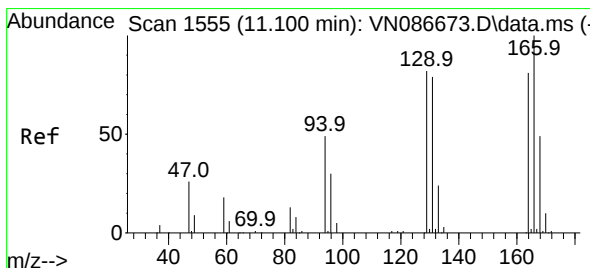
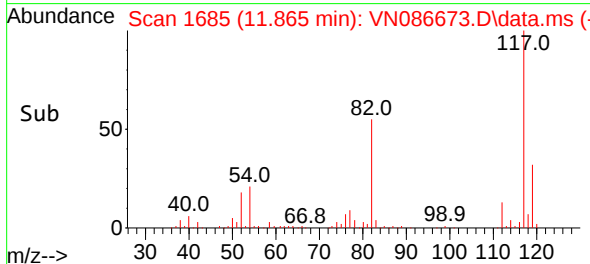
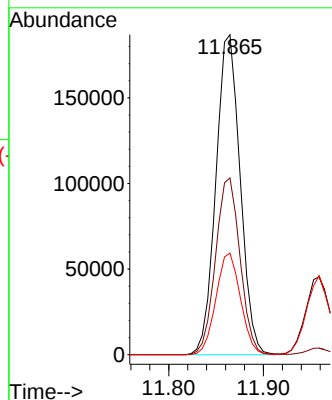
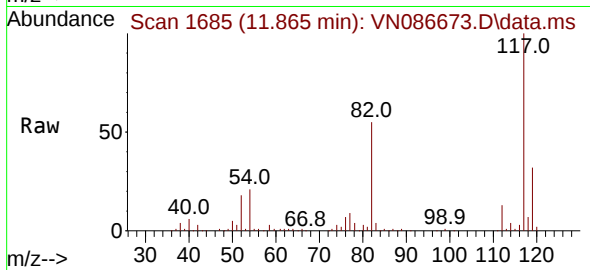
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 33319
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.4 38.2

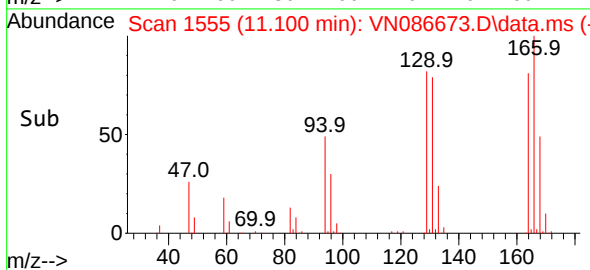
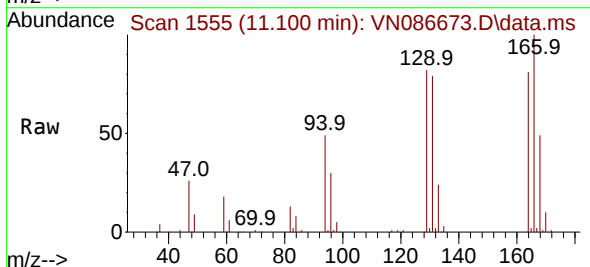
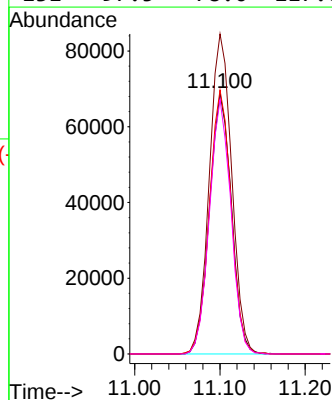
Manual Integrations
APPROVED

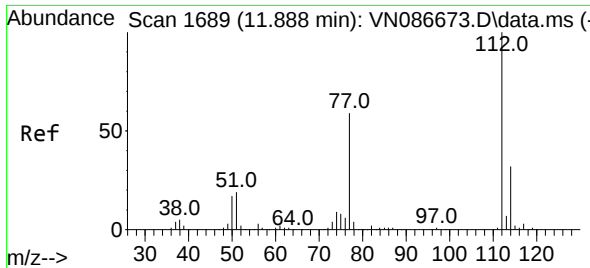
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#64
Tetrachloroethene
Concen: 48.018 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

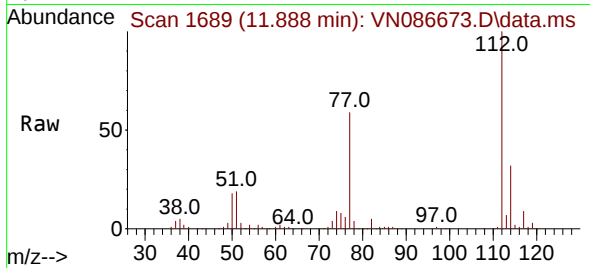
Tgt Ion:164 Resp: 122991
Ion Ratio Lower Upper
164 100
166 122.8 98.2 147.4
129 101.2 81.0 121.4
131 97.5 78.0 117.0





#65
Chlorobenzene
Concen: 47.433 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

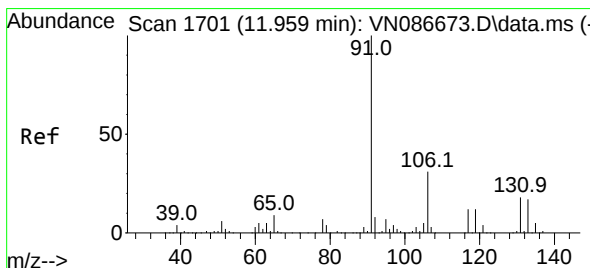
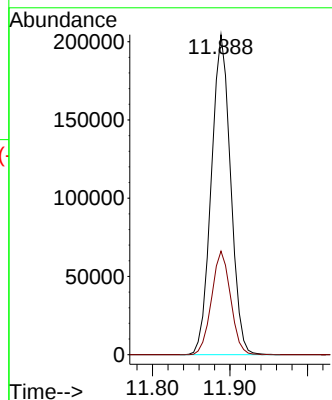
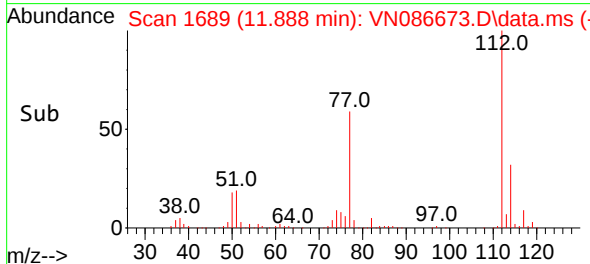
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



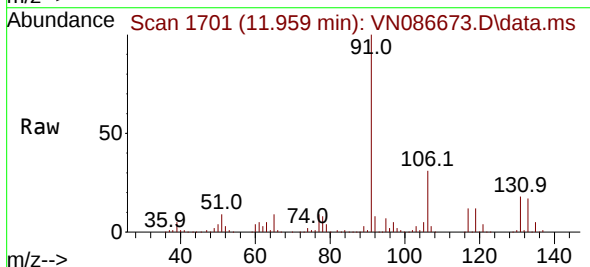
Tgt Ion:112 Resp: 353200
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

Manual Integrations
APPROVED

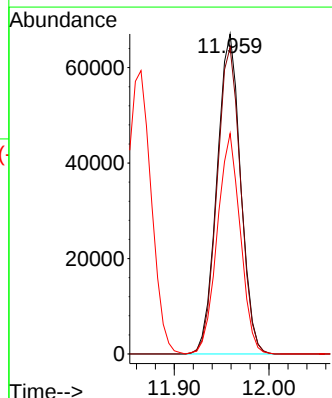
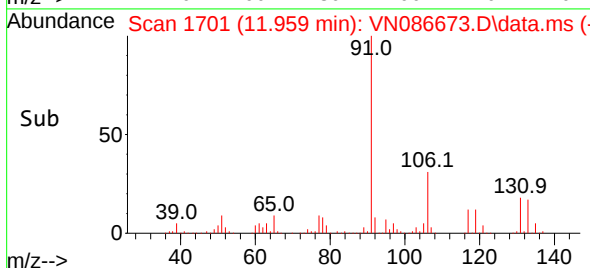
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

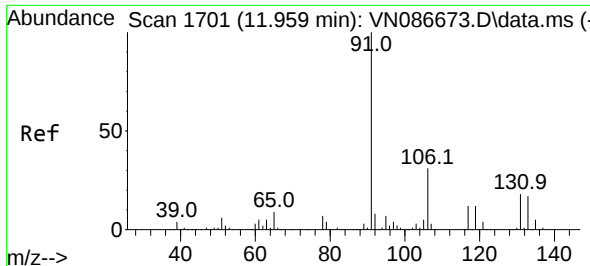


#66
1,1,1,2-Tetrachloroethane
Concen: 47.425 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



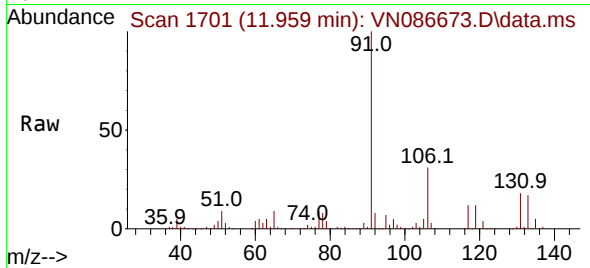
Tgt Ion:131 Resp: 116442
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 67.2 33.6 100.8





#67
Ethyl Benzene
Concen: 46.525 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

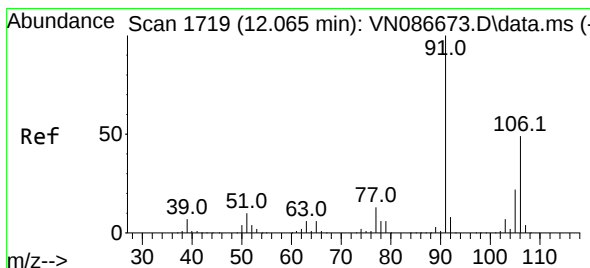
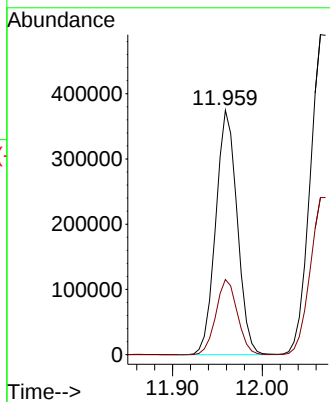
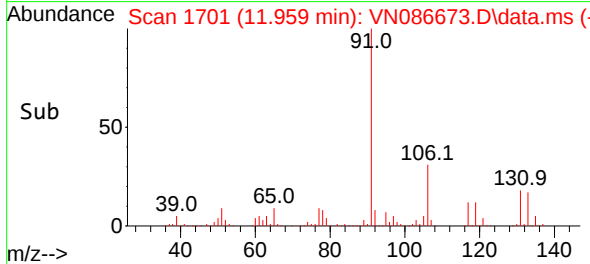
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



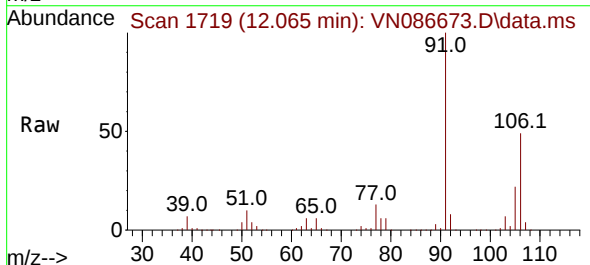
Tgt Ion: 91 Resp: 621554
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations
APPROVED

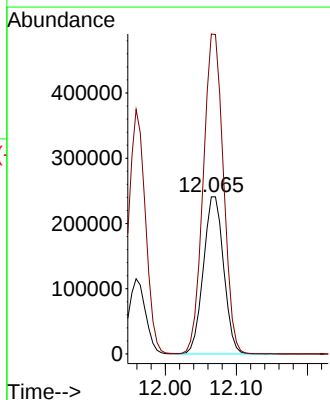
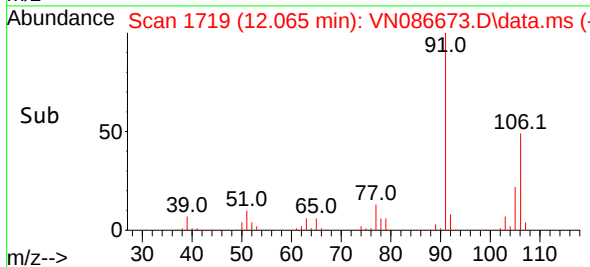
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

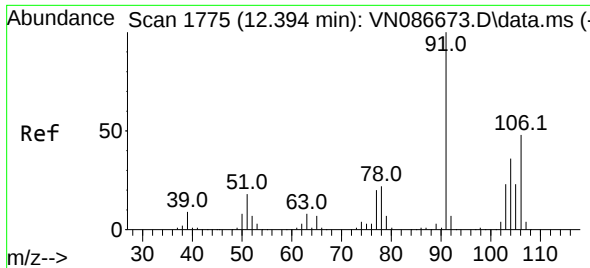


#68
m/p-Xylenes
Concen: 95.244 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion:106 Resp: 477853
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6





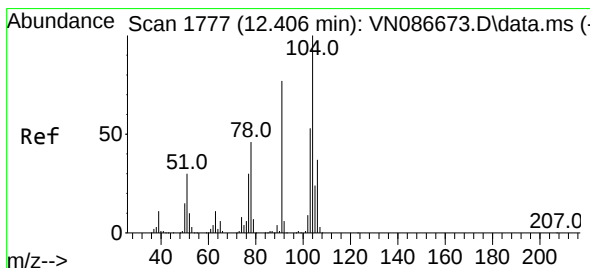
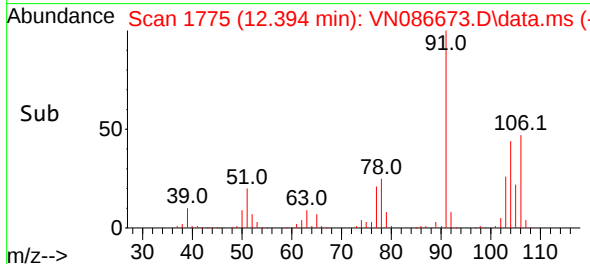
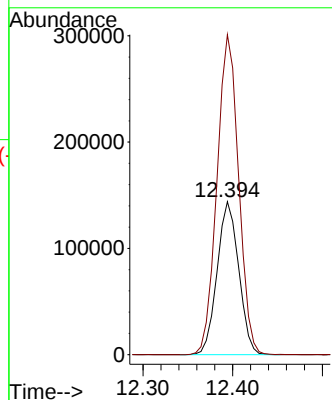
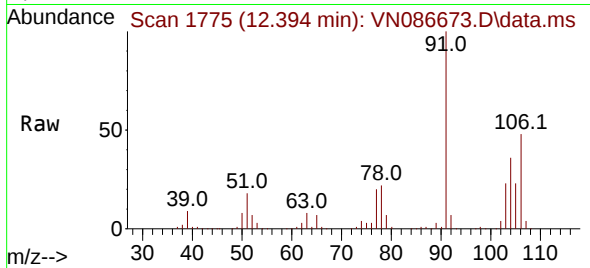
#69
o-Xylene
Concen: 48.249 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 240345
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1

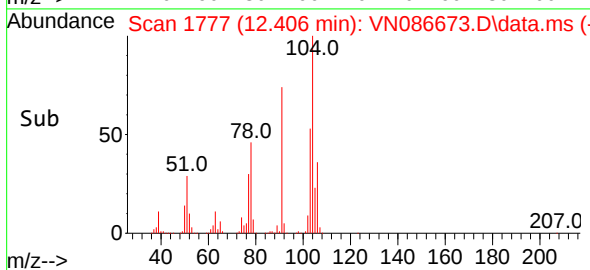
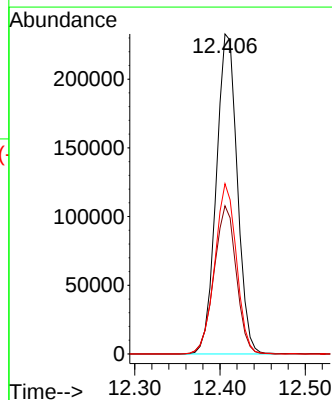
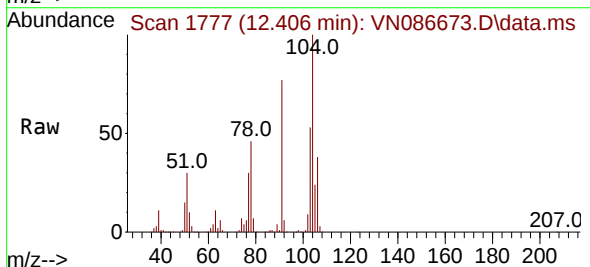
Manual Integrations
APPROVED

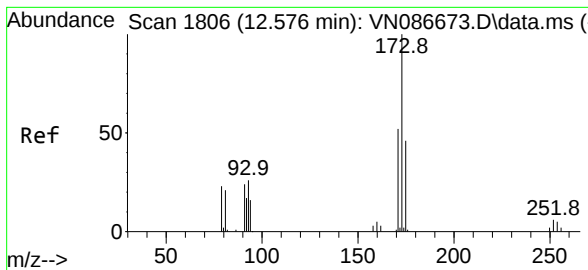
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#70
Styrene
Concen: 48.396 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

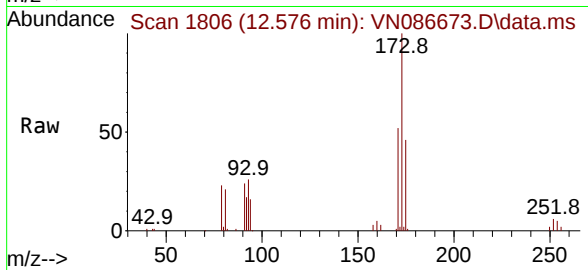
Tgt Ion:104 Resp: 399975
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.8 43.8 65.8





#71
Bromoform
Concen: 47.062 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

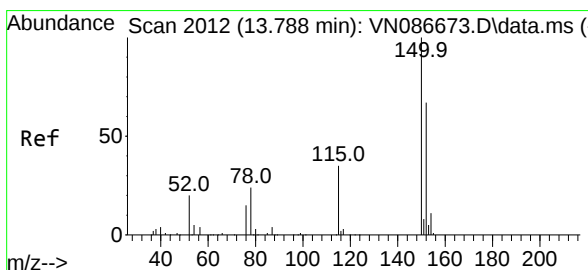
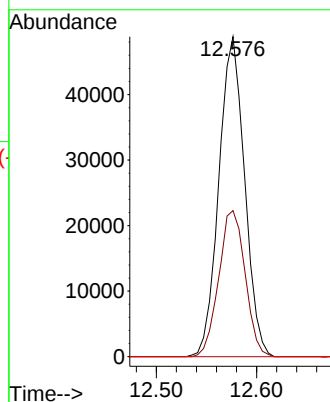
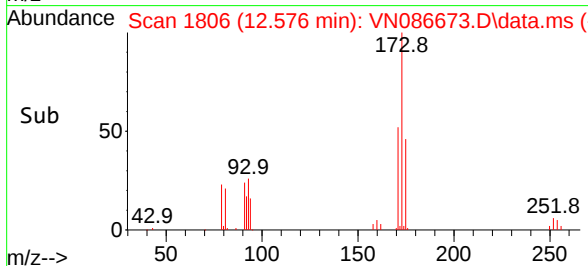
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



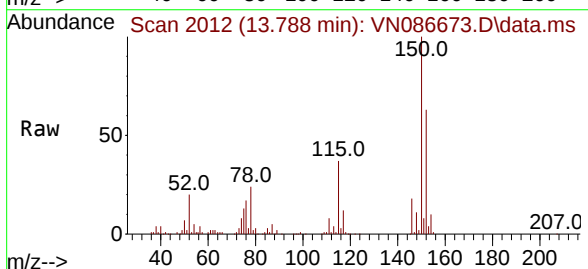
Tgt Ion:173 Resp: 86917
Ion Ratio Lower Upper
173 100
175 46.8 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

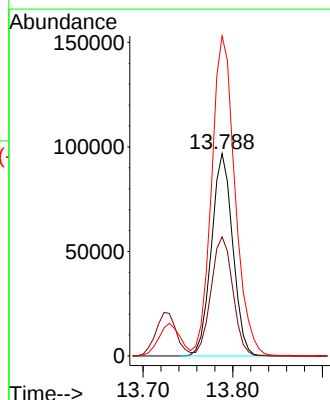
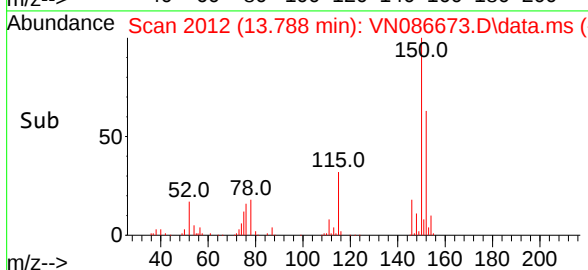
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

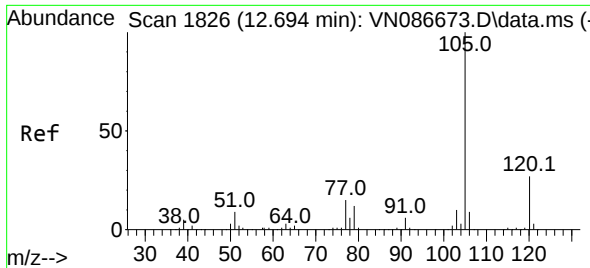


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion:152 Resp: 159539
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.1
150 173.9 0.0 347.8





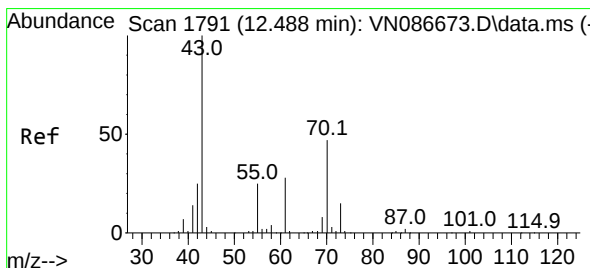
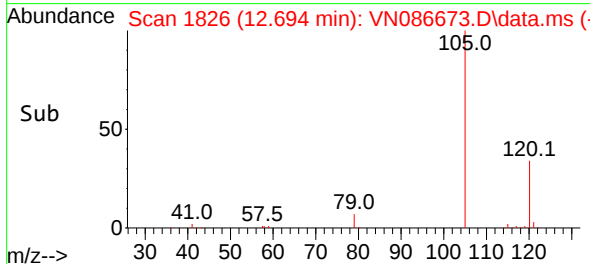
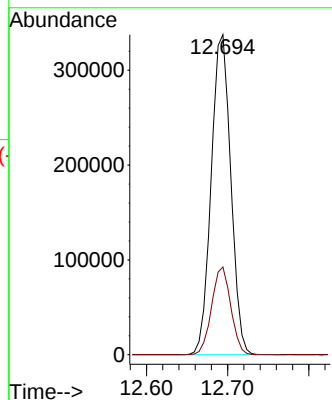
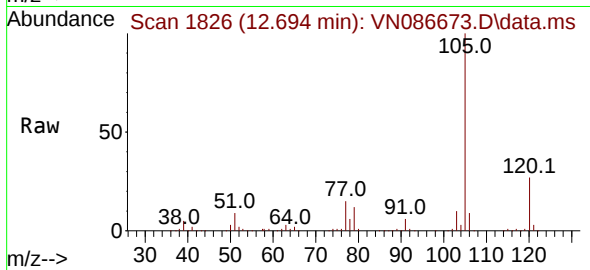
#73
Isopropylbenzene
Concen: 43.614 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 564854
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

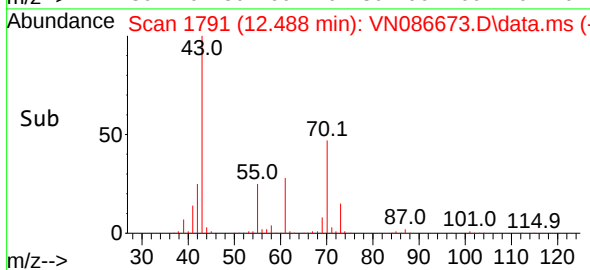
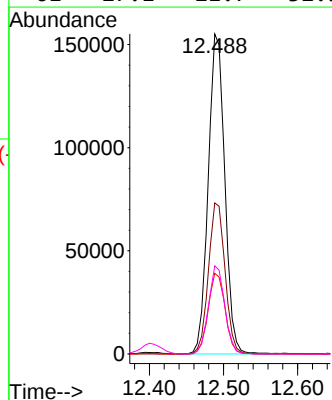
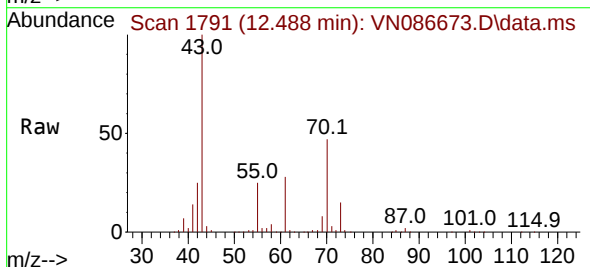
Manual Integrations
APPROVED

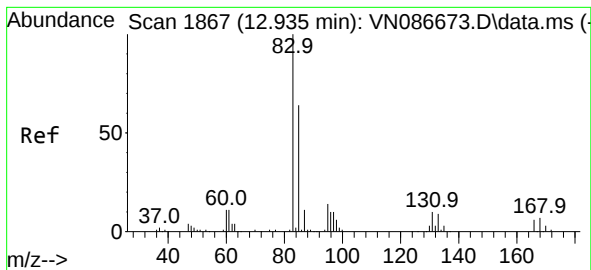
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#74
N-ethyl acetate
Concen: 37.908 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

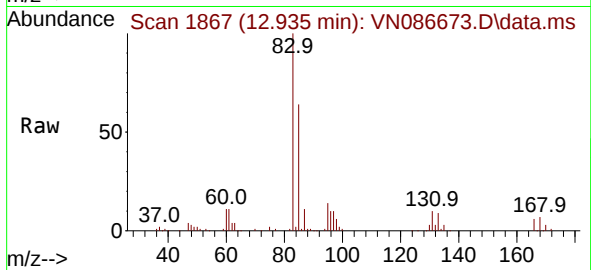
Tgt Ion: 43 Resp: 240871
Ion Ratio Lower Upper
43 100
70 47.4 37.9 56.9
55 25.6 20.5 30.7
61 27.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 44.680 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

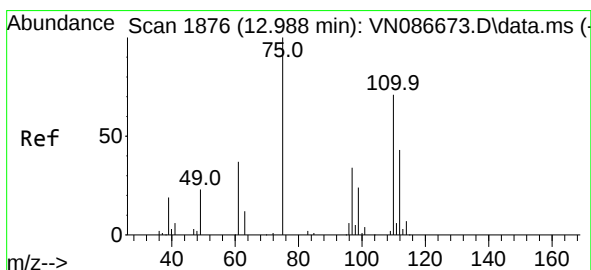
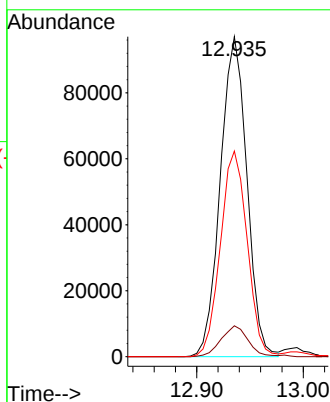
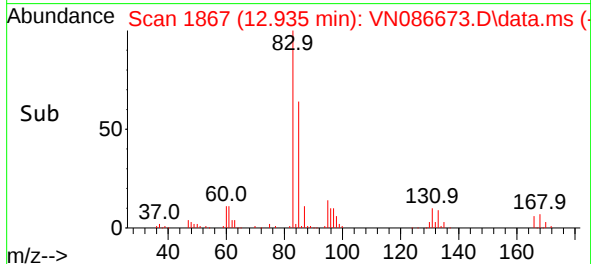
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 168088
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.8 32.4 97.2

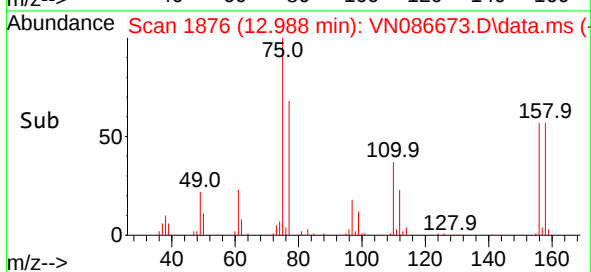
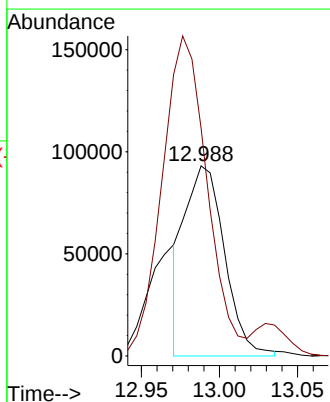
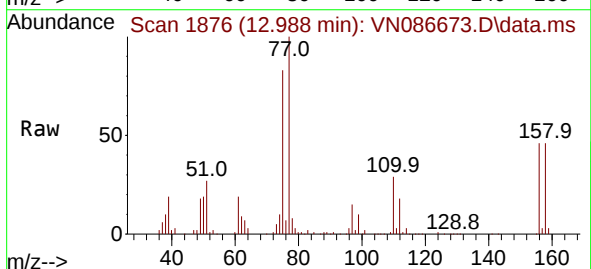
Manual Integrations
APPROVED

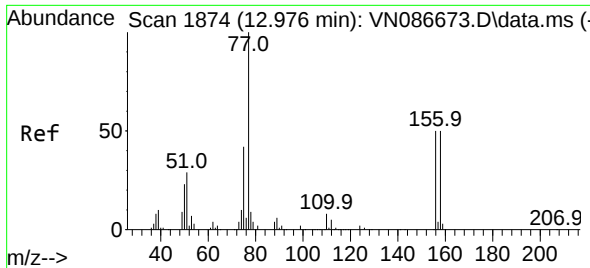
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#76
1,2,3-Trichloropropane
Concen: 44.062 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion: 75 Resp: 165513
Ion Ratio Lower Upper
75 100
77 190.0 96.0 288.1





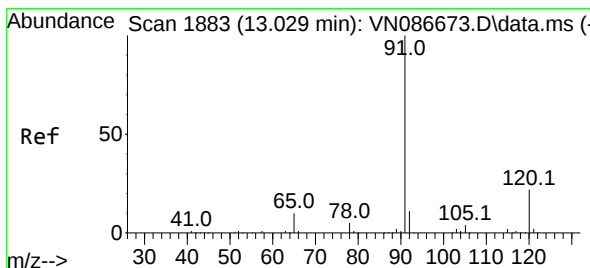
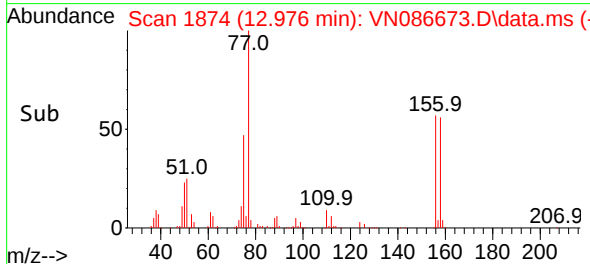
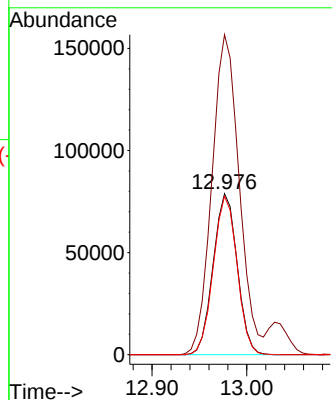
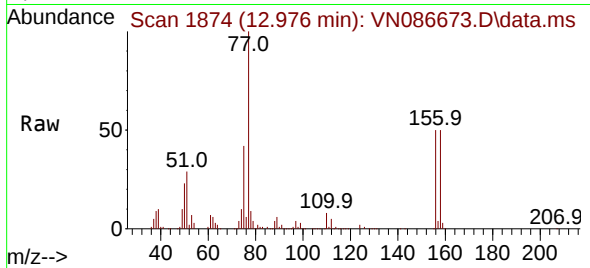
#77
Bromobenzene
Concen: 47.906 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 139072
Ion Ratio Lower Upper
156 100
77 226.1 113.1 339.2
158 97.3 48.6 145.9

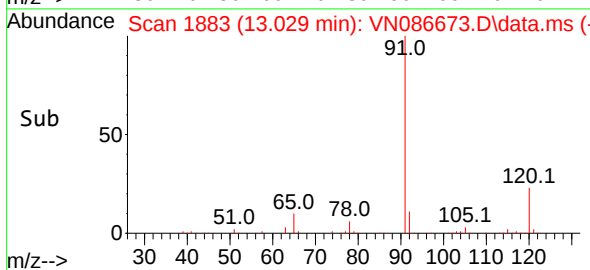
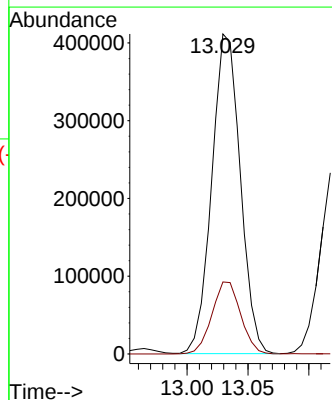
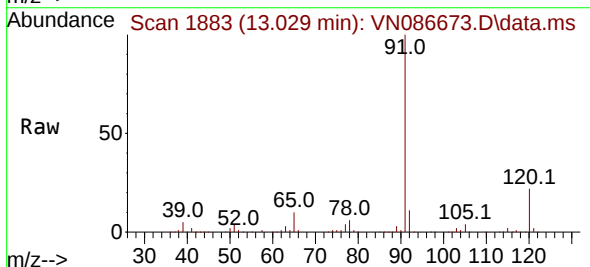
Manual Integrations
APPROVED

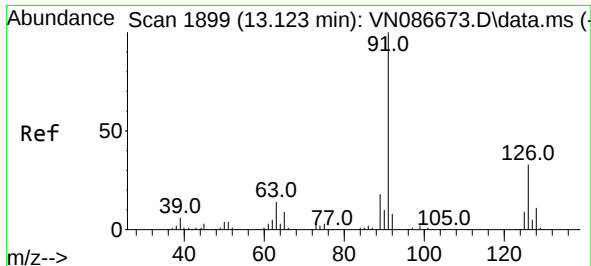
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#78
n-propylbenzene
Concen: 43.966 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion: 91 Resp: 669285
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1





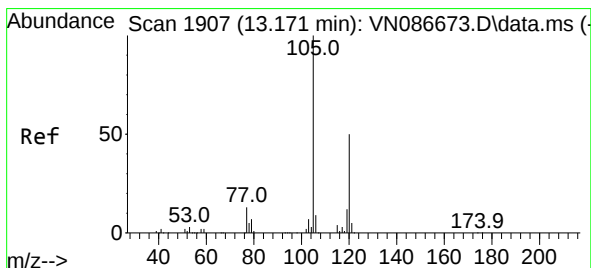
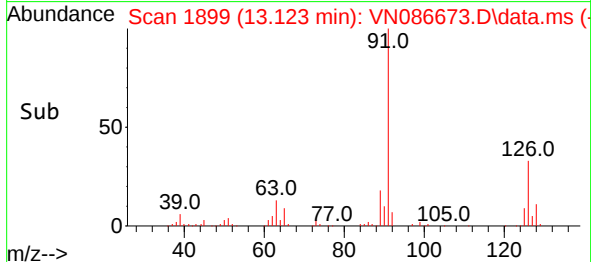
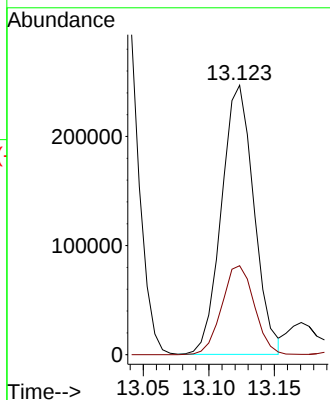
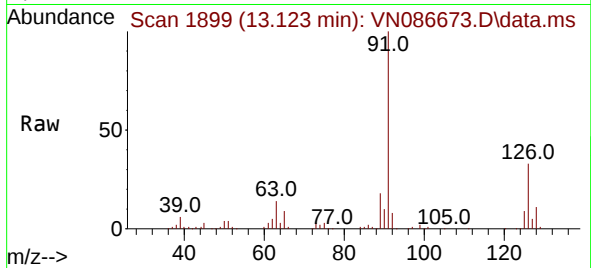
#79
2-Chlorotoluene
Concen: 44.441 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 425470
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

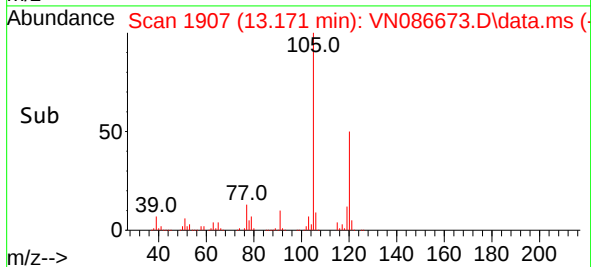
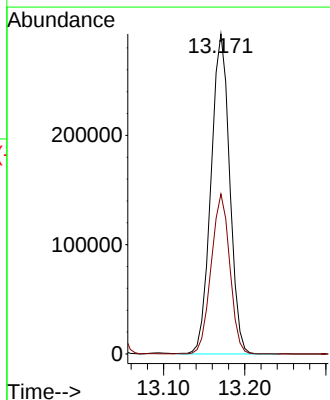
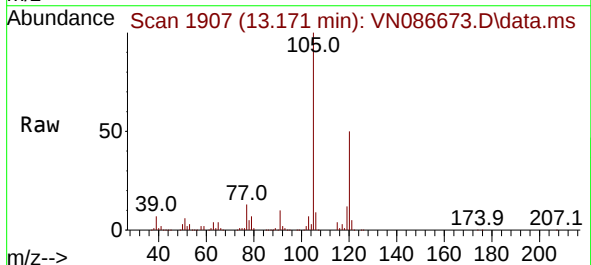
Manual Integrations
APPROVED

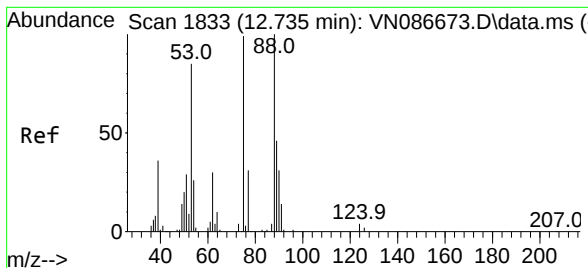
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 44.125 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

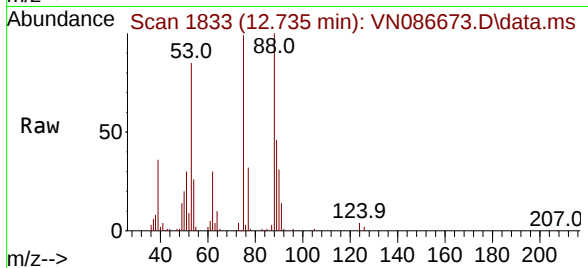
Tgt Ion:105 Resp: 467786
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.952 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

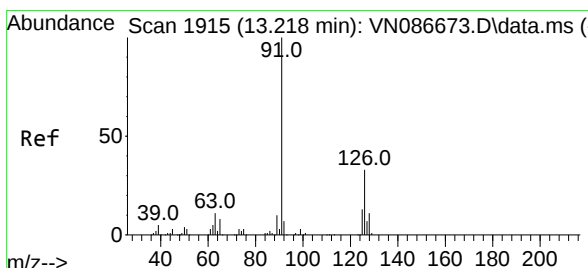
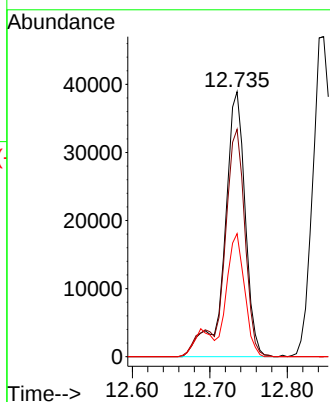
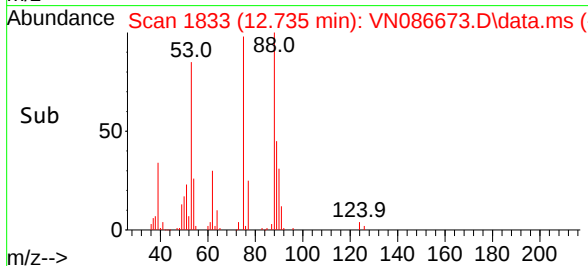
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 71690
Ion Ratio Lower Upper
75 100
53 88.0 70.4 105.6
89 40.5 32.4 48.6

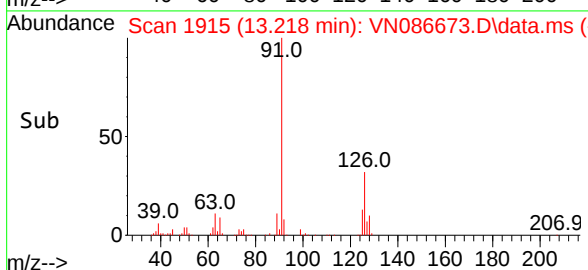
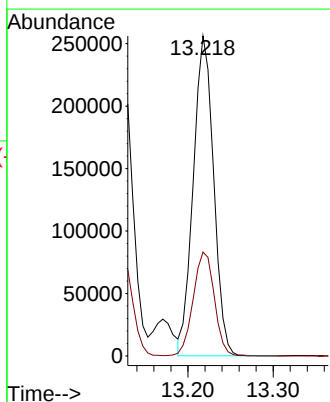
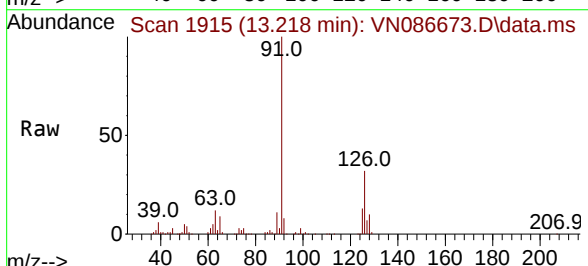
Manual Integrations
APPROVED

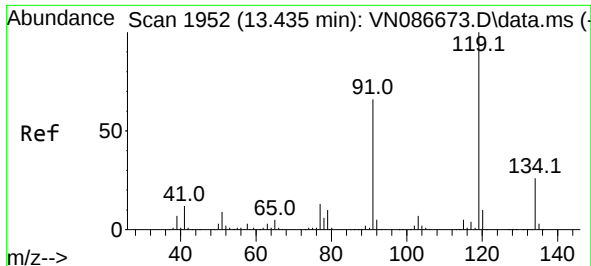
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#82
4-Chlorotoluene
Concen: 44.713 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

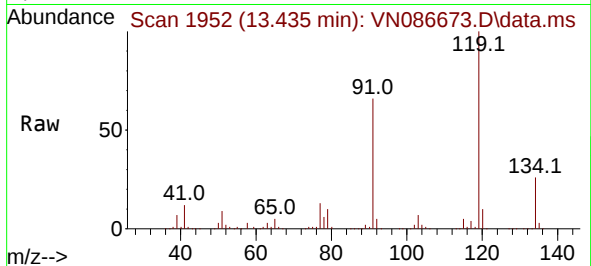
Tgt Ion: 91 Resp: 423764
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 43.347 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

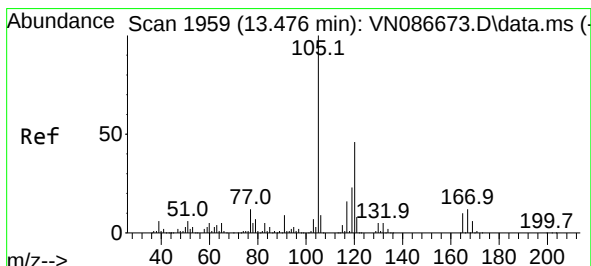
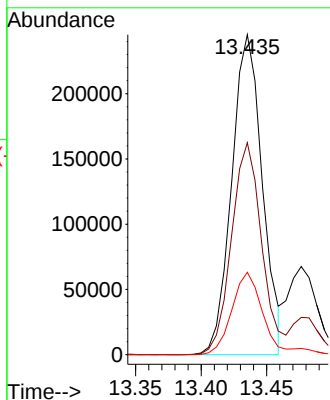
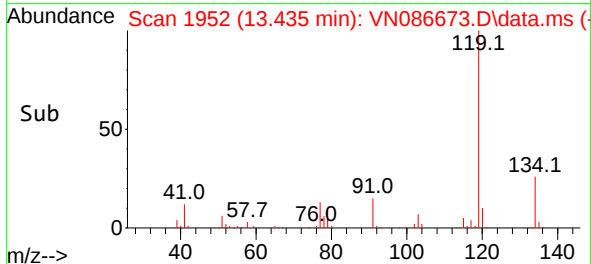
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



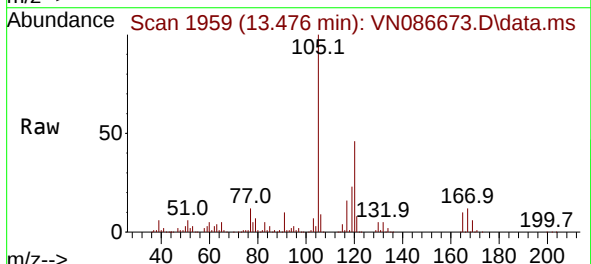
Tgt Ion:119 Resp: 398679
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.7
134 26.7 13.4 40.1

Manual Integrations
APPROVED

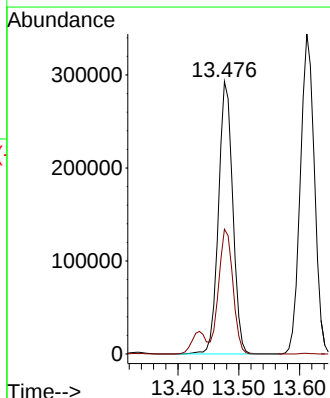
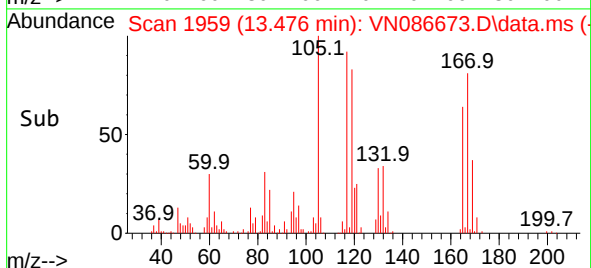
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

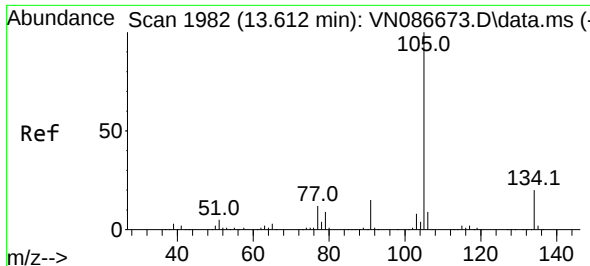


#84
1,2,4-Trimethylbenzene
Concen: 44.171 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion:105 Resp: 475848
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





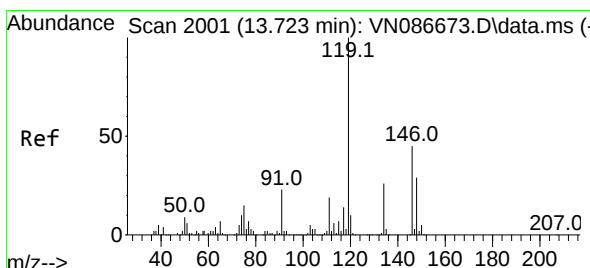
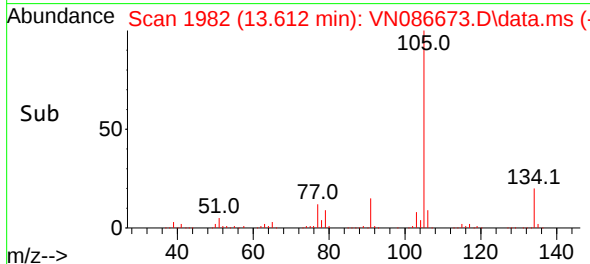
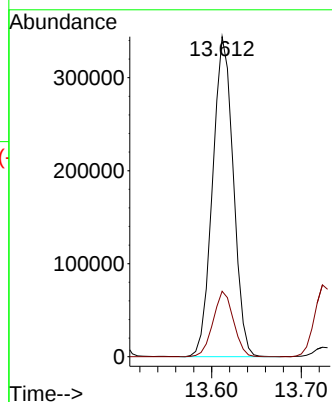
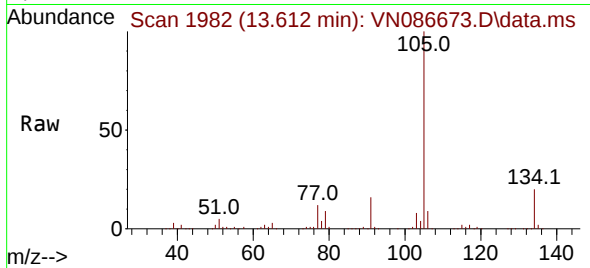
#85
 sec-Butylbenzene
 Concen: 43.492 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 551208
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

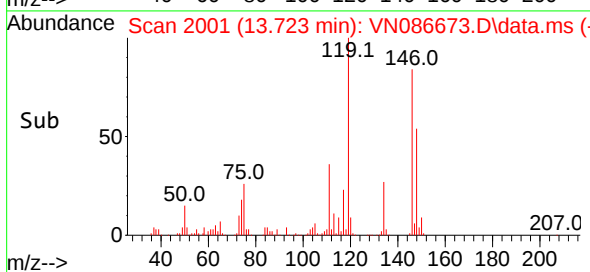
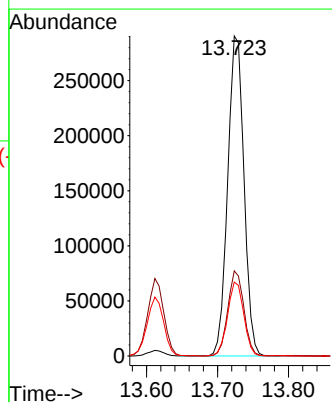
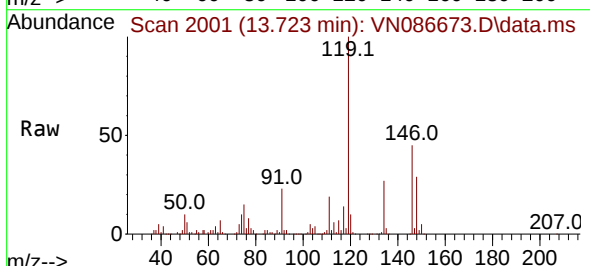
Manual Integrations
 APPROVED

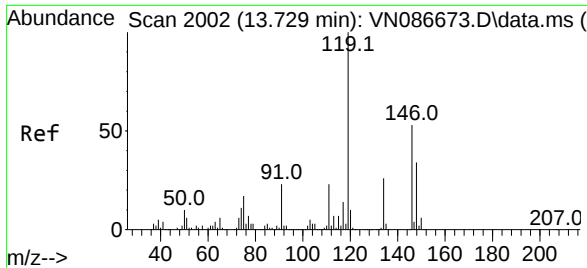
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#86
 p-Isopropyltoluene
 Concen: 44.309 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086673.D
 Acq: 16 May 2025 18:08

Tgt Ion:119 Resp: 462804
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.0 11.5 34.5





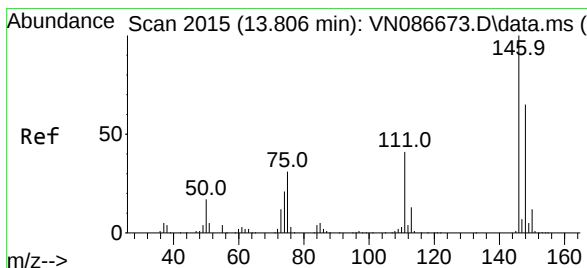
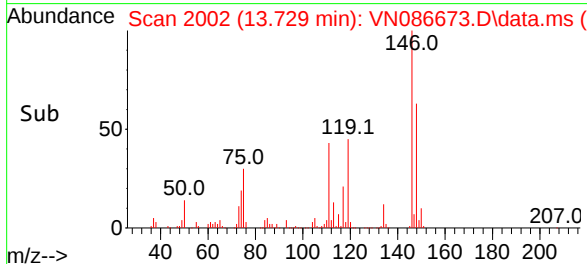
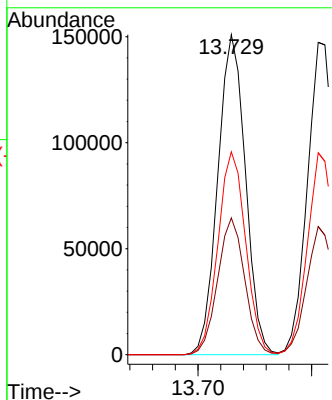
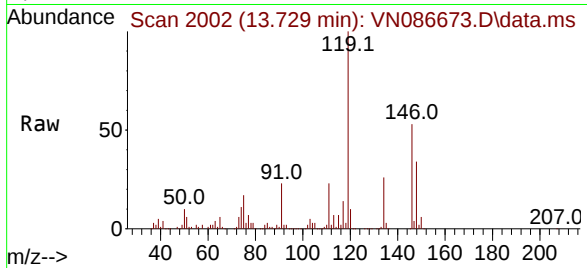
#87
1,3-Dichlorobenzene
Concen: 47.060 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 255624
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.7
148 63.6 31.8 95.4

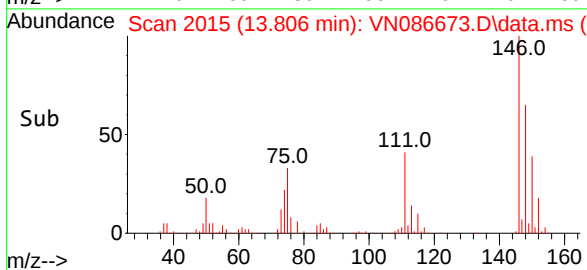
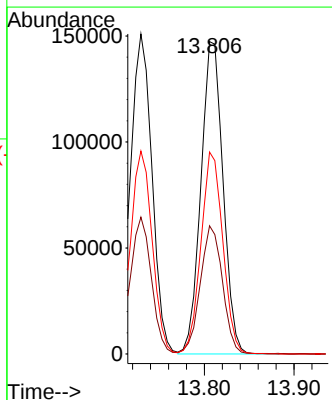
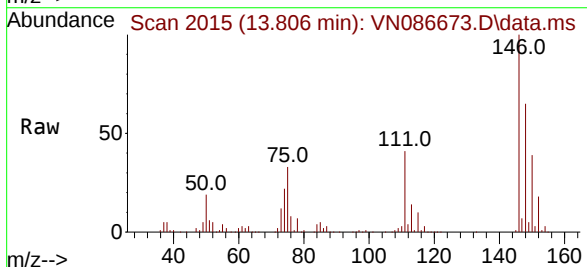
Manual Integrations
APPROVED

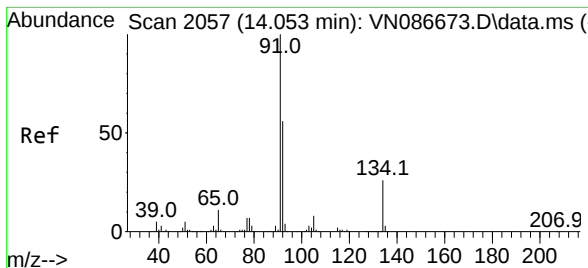
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#88
1,4-Dichlorobenzene
Concen: 46.266 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

Tgt Ion:146 Resp: 252548
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 42.505 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

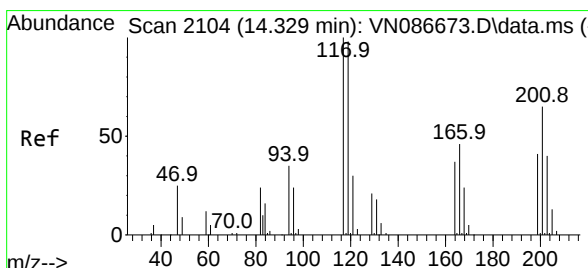
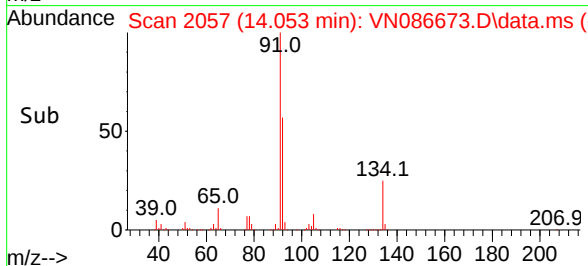
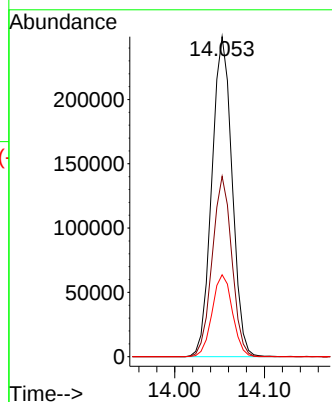
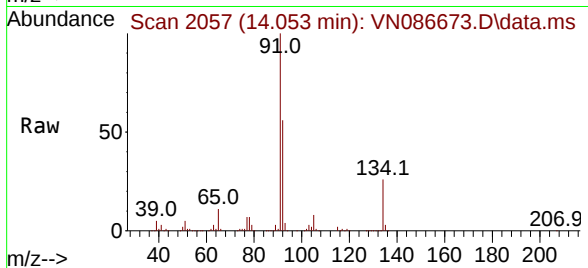
Tgt Ion:	91	Resp:	389739
Ion Ratio	Lower	Upper	
91	100		
92	54.7	27.4	82.0
134	25.6	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#90

Hexachloroethane

Concen: 43.139 ug/l

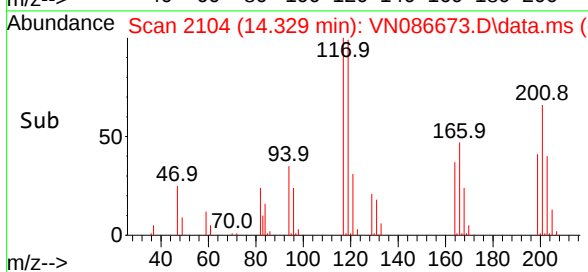
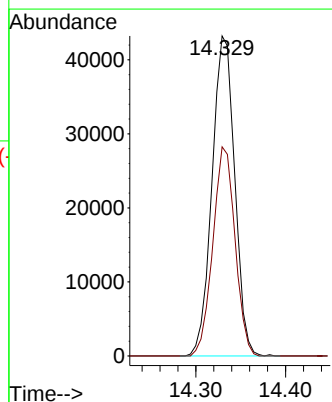
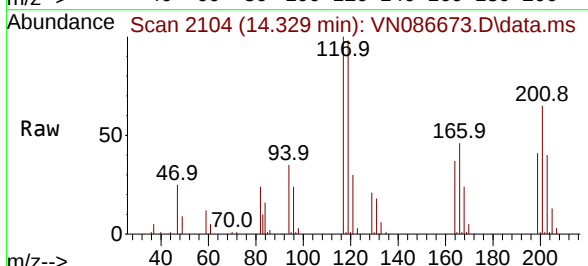
RT: 14.329 min Scan# 2104

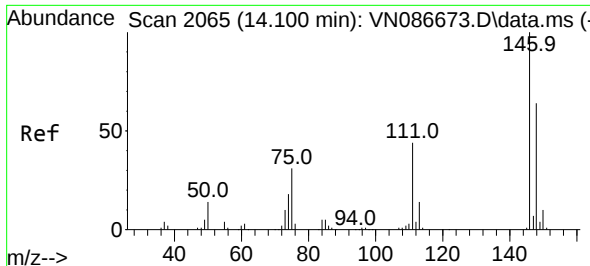
Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

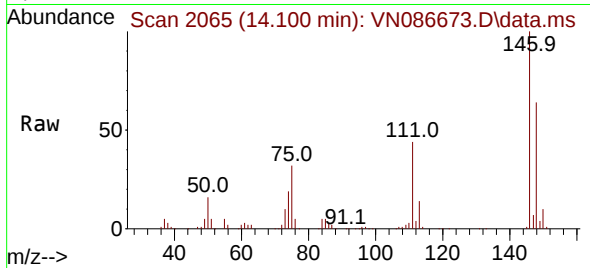
Tgt Ion:	117	Resp:	75794
Ion Ratio	Lower	Upper	
117	100		
201	64.0	32.0	96.0





#91
1,2-Dichlorobenzene
Concen: 46.963 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

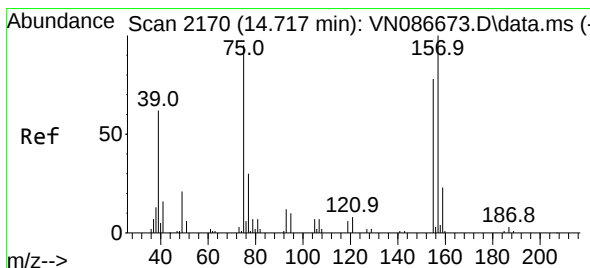
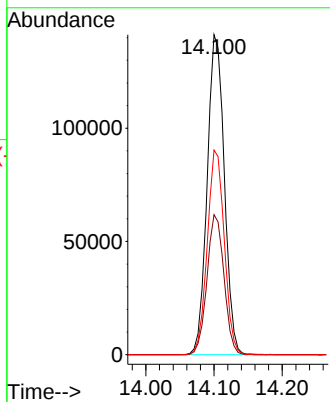
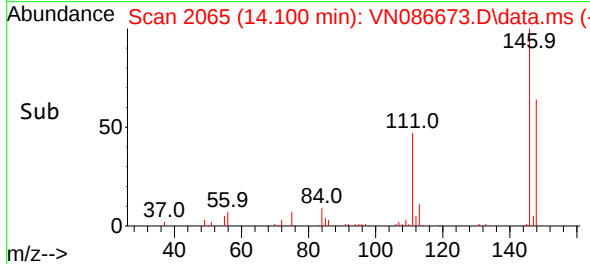
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



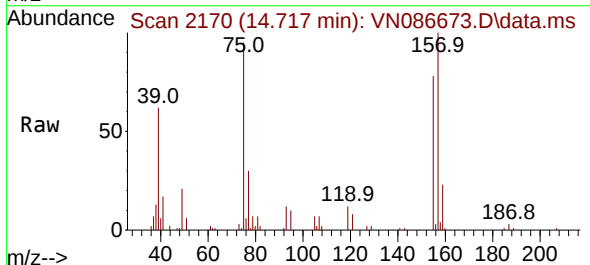
Tgt Ion:146 Resp: 247292
Ion Ratio Lower Upper
146 100
111 43.3 21.6 65.0
148 63.4 31.7 95.1

Manual Integrations
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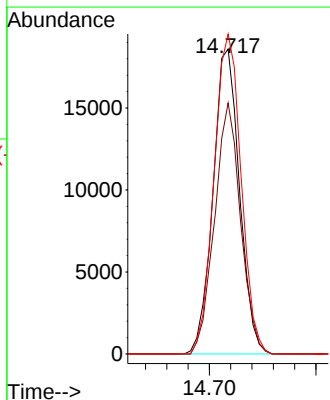
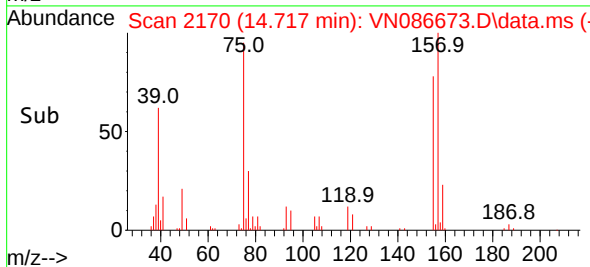
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

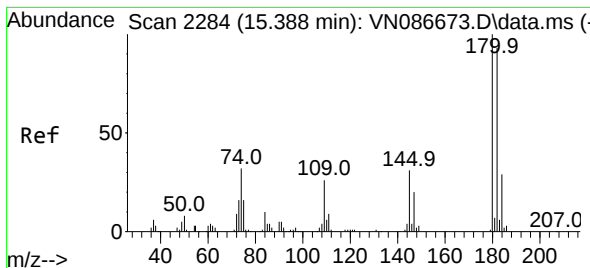


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.959 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion: 75 Resp: 32007
Ion Ratio Lower Upper
75 100
155 81.0 40.5 121.5
157 107.2 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 44.128 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

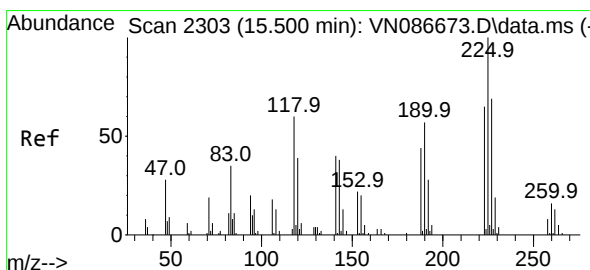
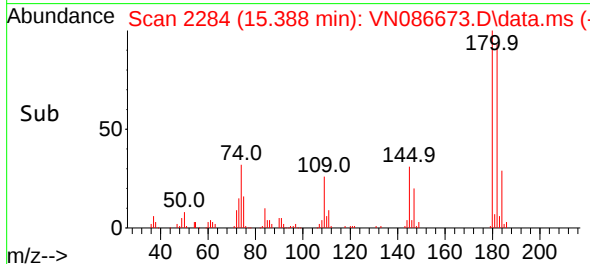
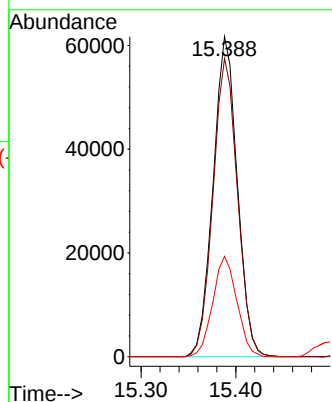
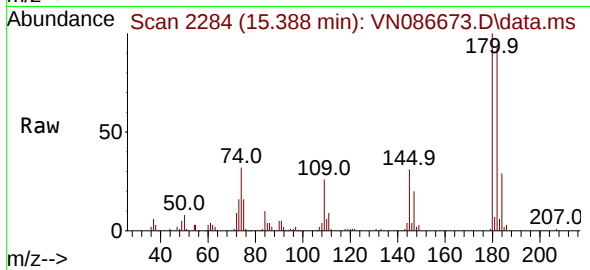
Tgt Ion:	180	Resp:	10951
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.1	141.3
145	31.2	15.6	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#94

Hexachlorobutadiene

Concen: 44.437 ug/l

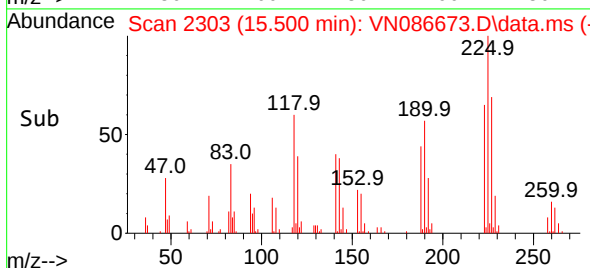
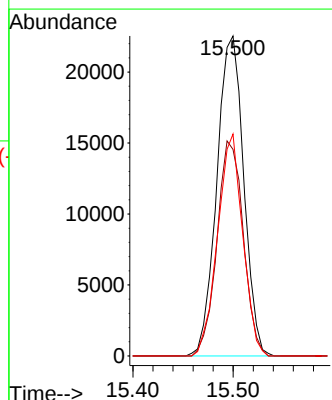
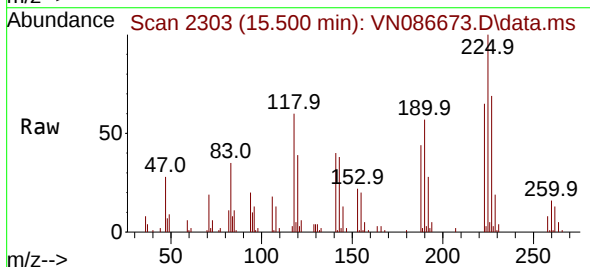
RT: 15.500 min Scan# 2303

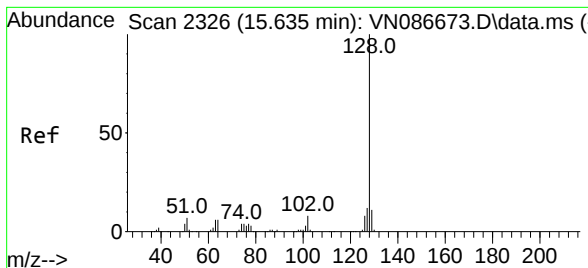
Delta R.T. 0.000 min

Lab File: VN086673.D

Acq: 16 May 2025 18:08

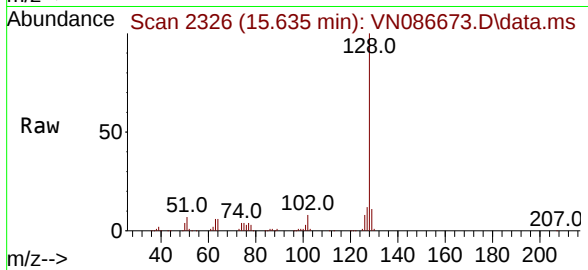
Tgt Ion:	225	Resp:	41916
Ion Ratio	Lower	Upper	
225	100		
223	65.7	32.9	98.6
227	64.8	32.4	97.2





#95
Naphthalene
Concen: 43.787 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08

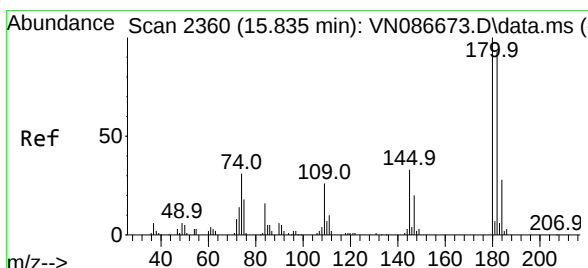
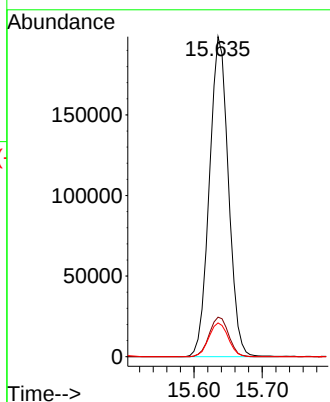
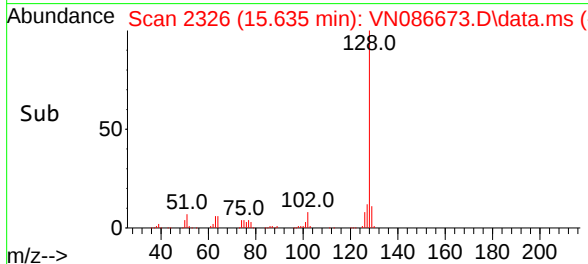
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



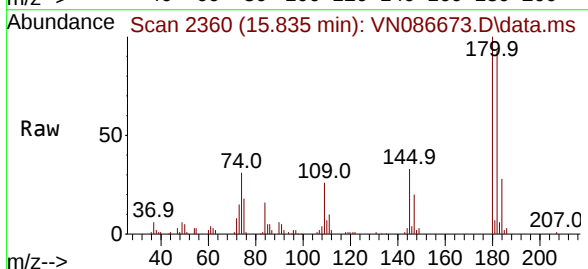
Tgt Ion:128 Resp: 385710
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.139 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086673.D
Acq: 16 May 2025 18:08



Tgt Ion:180 Resp: 104176
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 33.4 16.7 50.1

