

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086764.D
 Acq On : 22 May 2025 14:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 01:38:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	264976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	467713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	412406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	186726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152395	41.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.240%		
35) Dibromofluoromethane	8.165	113	132065	47.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.820%		
50) Toluene-d8	10.565	98	551796	47.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.847	95	193298	47.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136256	47.616	ug/l	97
3) Chloromethane	2.359	50	165789	38.305	ug/l	99
4) Vinyl Chloride	2.512	62	160402	41.265	ug/l	99
5) Bromomethane	2.942	94	88654	39.563	ug/l	96
6) Chloroethane	3.112	64	104443	41.016	ug/l	98
7) Trichlorofluoromethane	3.495	101	213036	45.861	ug/l	97
8) Diethyl Ether	3.959	74	90113	46.958	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	130877	47.062	ug/l	96
10) Methyl Iodide	4.589	142	158769	45.896	ug/l	95
11) Tert butyl alcohol	5.512	59	142720	214.022	ug/l	99
12) 1,1-Dichloroethene	4.342	96	135108	45.715	ug/l	92
13) Acrolein	4.171	56	186852	262.111	ug/l	100
14) Allyl chloride	5.024	41	180929	40.446	ug/l	94
15) Acrylonitrile	5.718	53	355372	215.234	ug/l	100
16) Acetone	4.424	43	261360	190.824	ug/l	93
17) Carbon Disulfide	4.712	76	344341	42.082	ug/l	99
18) Methyl Acetate	5.018	43	166167	43.347	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	462827	45.991	ug/l	99
20) Methylene Chloride	5.271	84	151216	41.838	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	140311	44.903	ug/l	97
22) Diisopropyl ether	6.665	45	421099	41.725	ug/l	95
23) Vinyl Acetate	6.600	43	1497658	197.452	ug/l	96
24) 1,1-Dichloroethane	6.565	63	257324	43.428	ug/l	99
25) 2-Butanone	7.477	43	429278	202.827	ug/l	96
26) 2,2-Dichloropropane	7.488	77	201629	41.234	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	174132	45.400	ug/l	96
28) Bromochloromethane	7.812	49	105240	39.092	ug/l	85
29) Tetrahydrofuran	7.836	42	279092	202.028	ug/l	93
30) Chloroform	7.965	83	260377	43.904	ug/l	99
31) Cyclohexane	8.253	56	219795	39.997	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	223574	44.713	ug/l	97
36) 1,1-Dichloropropene	8.365	75	186363	45.359	ug/l	98
37) Ethyl Acetate	7.559	43	167437	40.343	ug/l	98
38) Carbon Tetrachloride	8.359	117	194236	47.981	ug/l	99
39) Methylcyclohexane	9.594	83	212137	47.705	ug/l	96
40) Benzene	8.600	78	612186	45.675	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	93566	41.754	ug/l	93
42) 1,2-Dichloroethane	8.665	62	177871	42.597	ug/l	97
43) Isopropyl Acetate	8.683	43	306513	36.840	ug/l	95
44) Trichloroethene	9.347	130	162049	50.127	ug/l	99
45) 1,2-Dichloropropane	9.618	63	145071	45.563	ug/l	97
46) Dibromomethane	9.706	93	98215	45.715	ug/l	95
47) Bromodichloromethane	9.888	83	205527	46.429	ug/l	98
48) Methyl methacrylate	9.677	41	137228	42.564	ug/l	92
49) 1,4-Dioxane	9.688	88	65095	953.516	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	877364	209.108	ug/l	94
52) Toluene	10.629	92	389451	46.751	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	222012	47.369	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	239864	46.883	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	142371	45.816	ug/l	96
56) Ethyl methacrylate	10.871	69	242149	48.534	ug/l	91
57) 1,3-Dichloropropane	11.159	76	245127	45.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	537403	241.003	ug/l	96
59) 2-Hexanone	11.194	43	640775	209.132	ug/l	94
60) Dibromochloromethane	11.359	129	163902	50.329	ug/l	99
61) 1,2-Dibromoethane	11.465	107	147096	47.106	ug/l	99
64) Tetrachloroethene	11.100	164	165615	52.422	ug/l	95
65) Chlorobenzene	11.888	112	440702	48.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	145933	49.987	ug/l	98
67) Ethyl Benzene	11.959	91	745990	48.160	ug/l	99
68) m/p-Xylenes	12.065	106	581942	99.190	ug/l	95
69) o-Xylene	12.394	106	286232	49.073	ug/l	99
70) Styrene	12.406	104	479439	50.206	ug/l	98
71) Bromoform	12.576	173	107709	51.877	ug/l #	98
73) Isopropylbenzene	12.694	105	685164	47.509	ug/l	99
74) N-amyl acetate	12.488	43	246282	40.873	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	186659	42.130	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	182913m	43.314	ug/l	
77) Bromobenzene	12.976	156	172133	47.449	ug/l	92
78) n-propylbenzene	13.035	91	772807	46.694	ug/l	98
79) 2-Chlorotoluene	13.123	91	491977	45.718	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	551209	47.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75369	45.041	ug/l	90
82) 4-Chlorotoluene	13.218	91	485173	45.508	ug/l	99
83) tert-Butylbenzene	13.435	119	484266	48.060	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	557561	48.458	ug/l	99
85) sec-Butylbenzene	13.612	105	647944	47.957	ug/l	98
86) p-Isopropyltoluene	13.723	119	558772	50.455	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	303612	48.331	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	300468	48.275	ug/l	99
89) n-Butylbenzene	14.053	91	456268	49.697	ug/l	99
90) Hexachloroethane	14.329	117	90257	49.119	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	292651	48.979	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35709	48.652	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	143050	56.718	ug/l	100
94) Hexachlorobutadiene	15.500	225	54525	52.107	ug/l	97
95) Naphthalene	15.635	128	512116	58.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	133744	54.150	ug/l	100

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ClientSampleId :
VSTDCCC050EC

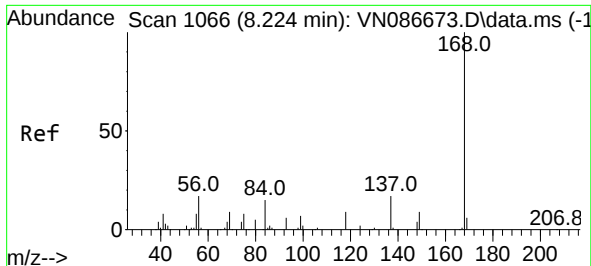
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:38:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 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



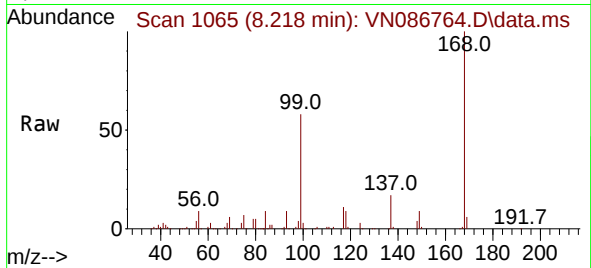
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

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MSVOA_N

ClientSampleId :

VSTDCCC050EC

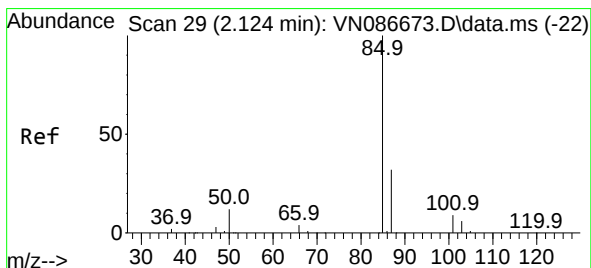
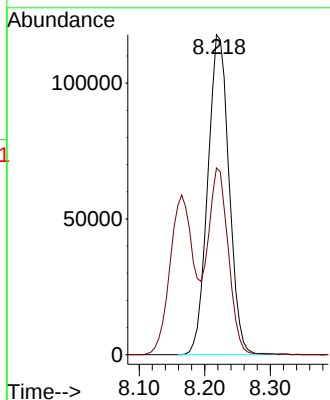
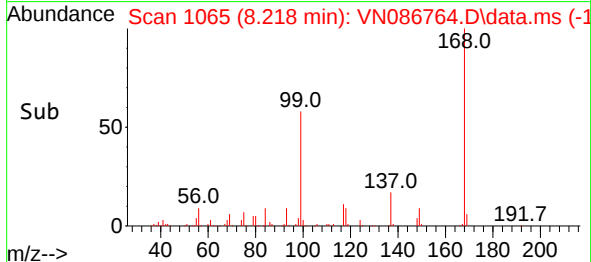


Tgt Ion:168 Resp: 264970
Ion Ratio Lower Upper
168 100
99 58.3 47.0 70.4

Manual Integrations

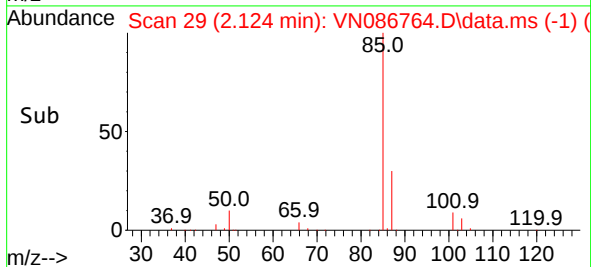
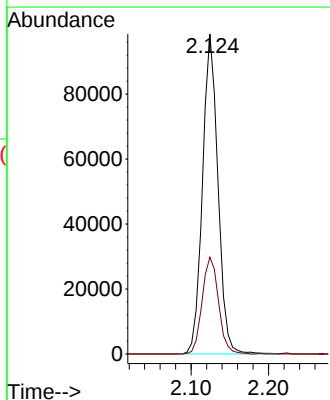
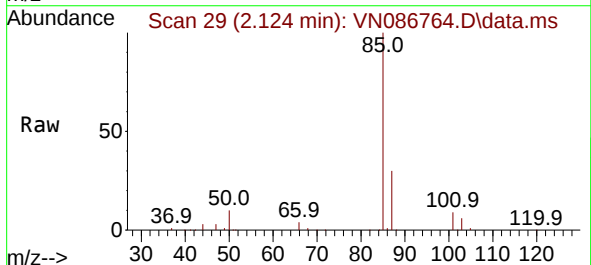
APPROVED

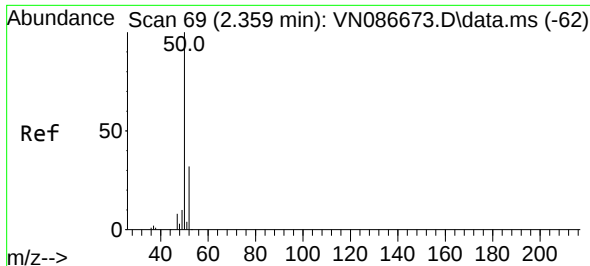
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#2
Dichlorodifluoromethane
Concen: 47.616 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

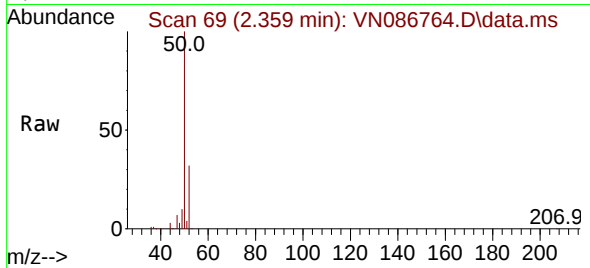
Tgt Ion: 85 Resp: 136256
Ion Ratio Lower Upper
85 100
87 30.3 15.9 47.6





#3
Chloromethane
Concen: 38.305 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

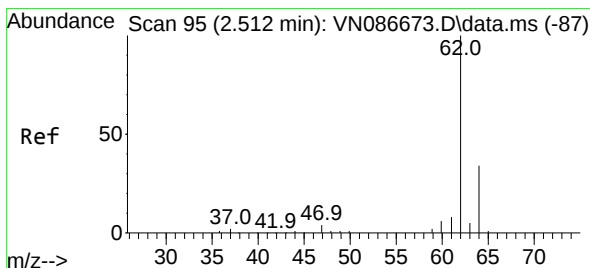
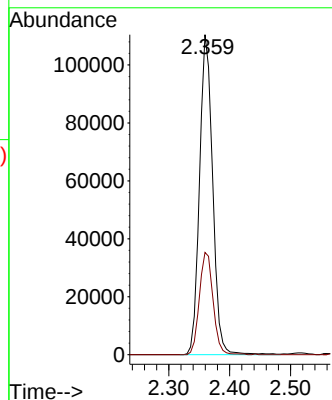
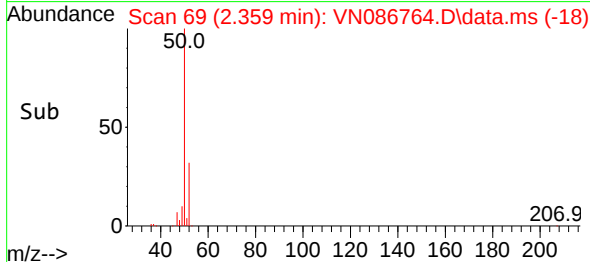
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 165789
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

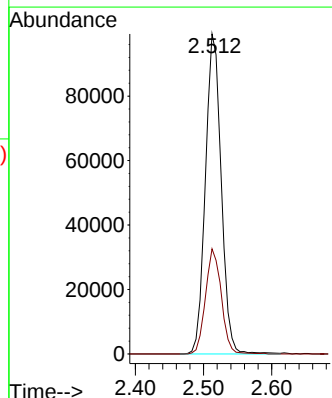
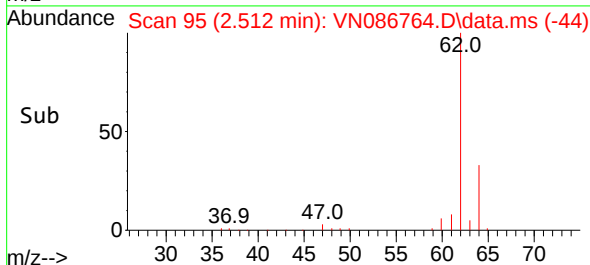
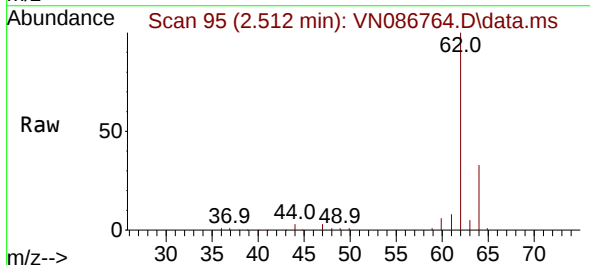
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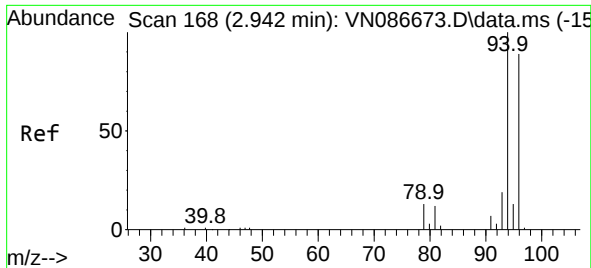
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#4
Vinyl Chloride
Concen: 41.265 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

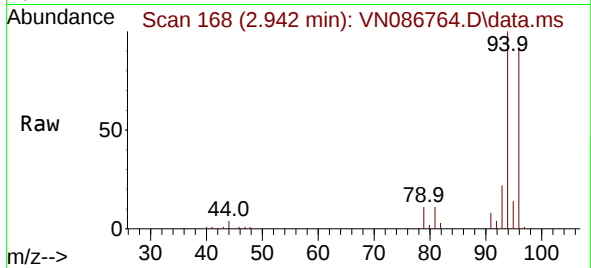
Tgt Ion: 62 Resp: 160402
Ion Ratio Lower Upper
62 100
64 32.9 26.9 40.3





#5
Bromomethane
Concen: 39.563 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

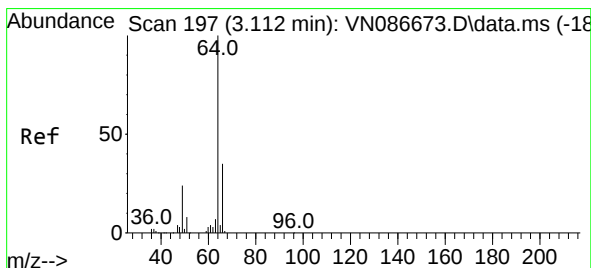
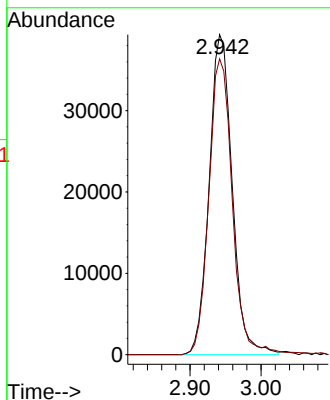
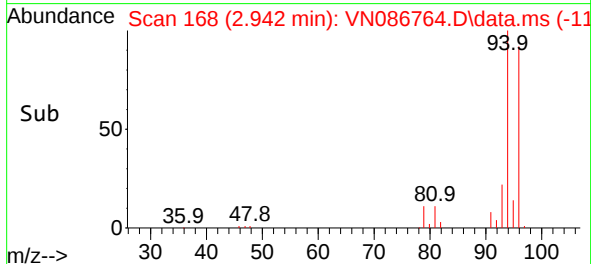
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 88654
Ion Ratio Lower Upper
94 100
96 92.4 71.2 106.8

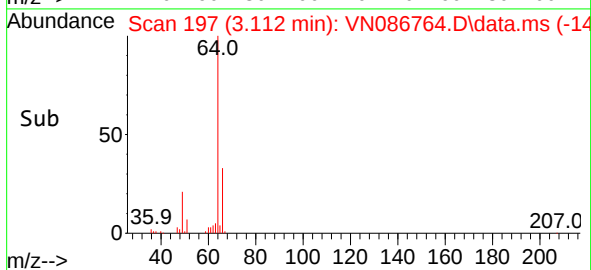
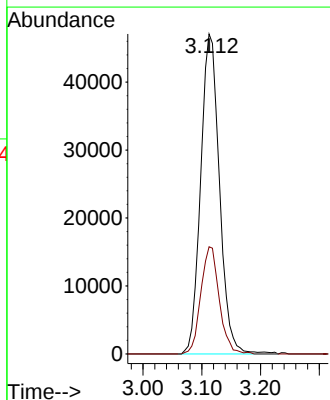
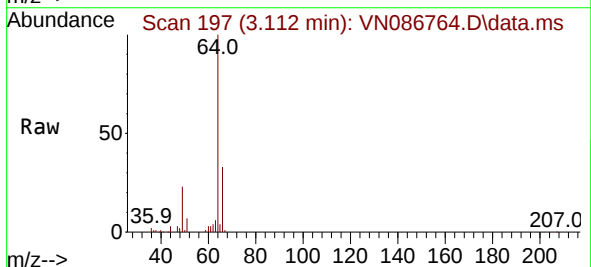
Manual Integrations
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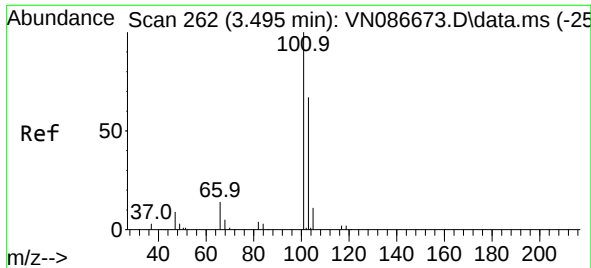
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#6
Chloroethane
Concen: 41.016 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion: 64 Resp: 104443
Ion Ratio Lower Upper
64 100
66 33.5 27.7 41.5





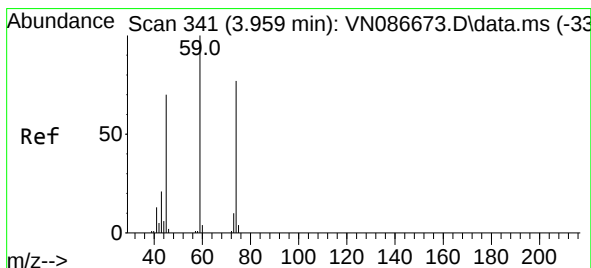
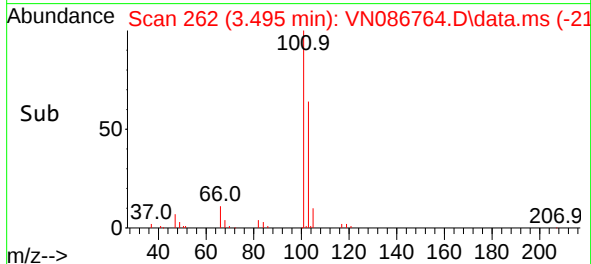
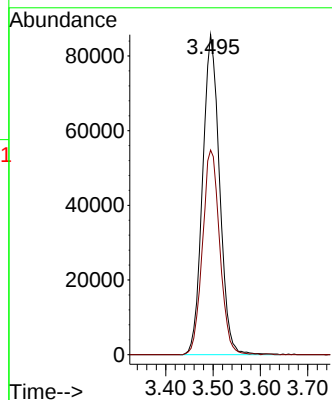
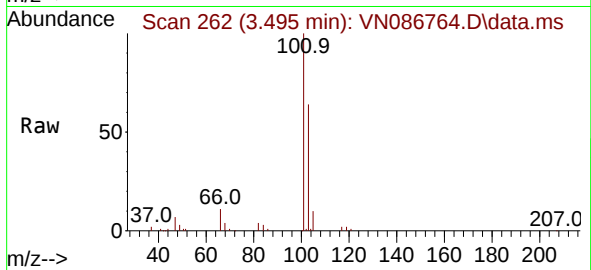
#7
 Trichlorofluoromethane
 Concen: 45.861 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 21303
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.4 80.0

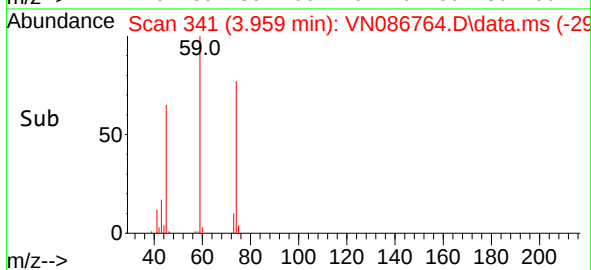
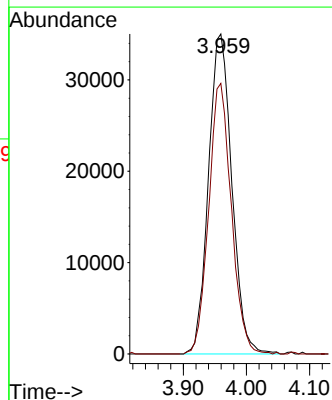
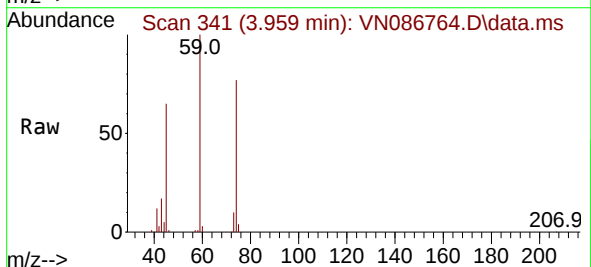
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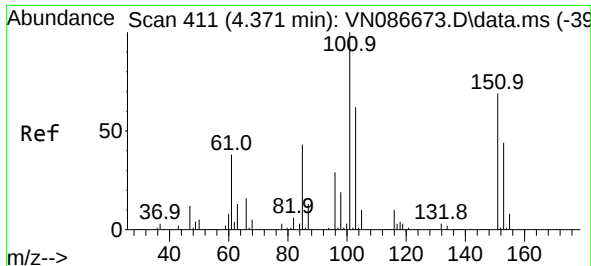
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#8
 Diethyl Ether
 Concen: 46.958 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

Tgt Ion: 74 Resp: 90113
 Ion Ratio Lower Upper
 74 100
 45 81.9 45.0 135.0





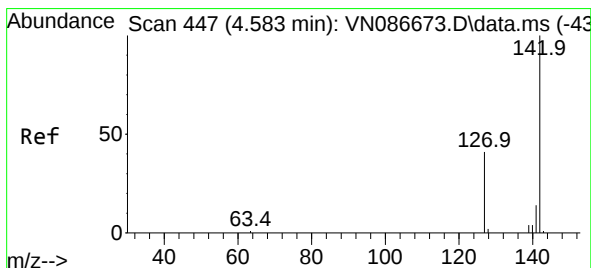
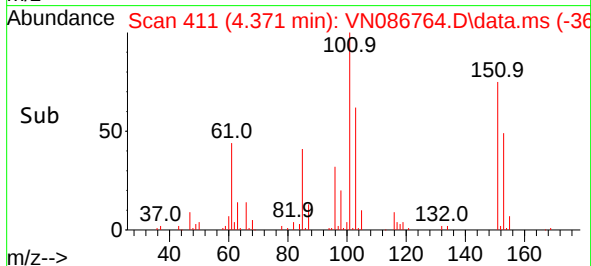
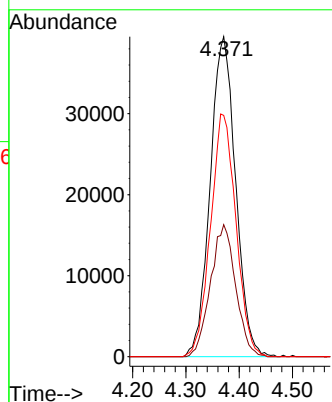
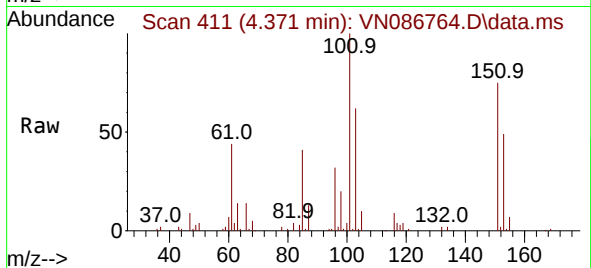
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.062 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 13087
Ion Ratio Lower Upper
101 100
85 40.9 35.0 52.6
151 75.9 58.1 87.1

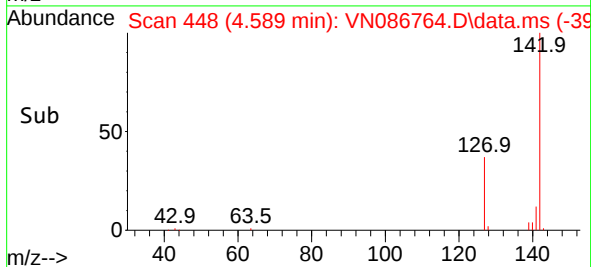
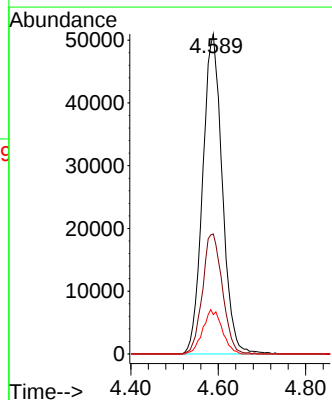
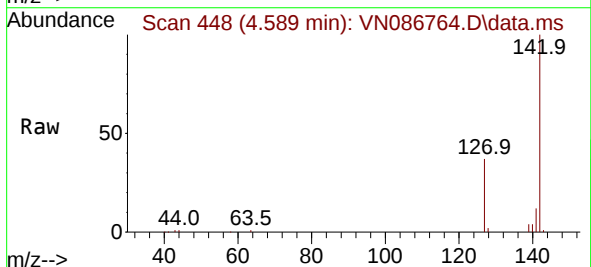
Manual Integrations
APPROVED

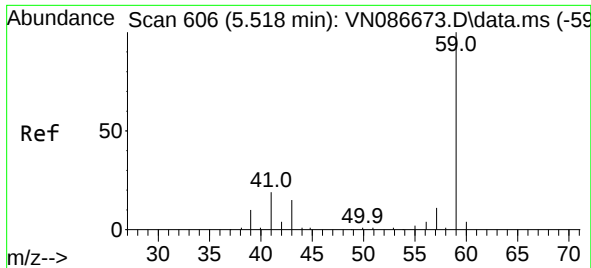
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 45.896 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

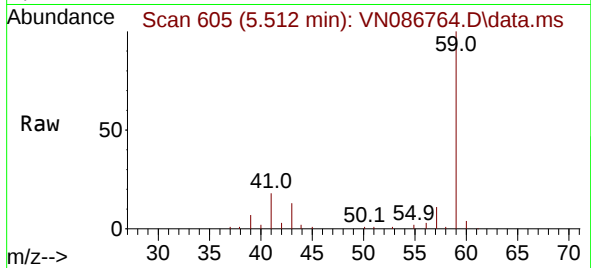
Tgt Ion:142 Resp: 158769
Ion Ratio Lower Upper
142 100
127 37.5 32.4 48.6
141 12.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 214.022 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

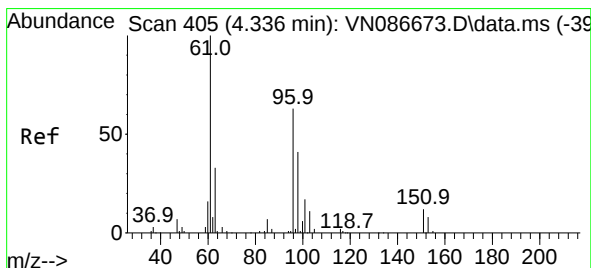
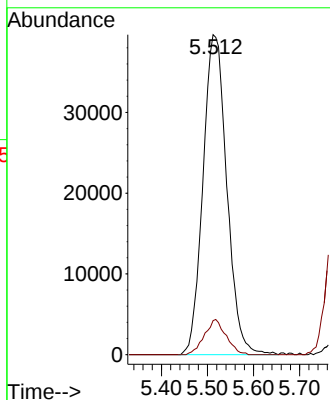
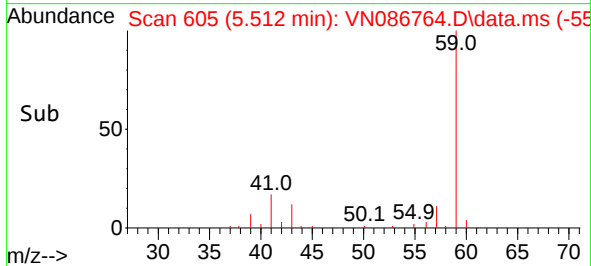
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



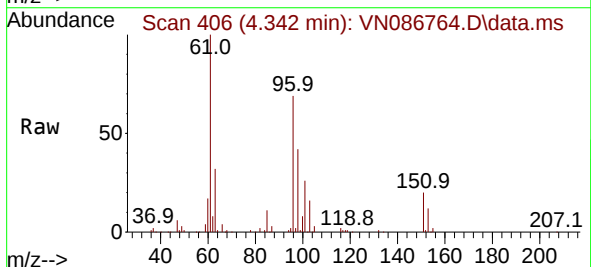
Tgt Ion: 59 Resp: 142720
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

Manual Integrations
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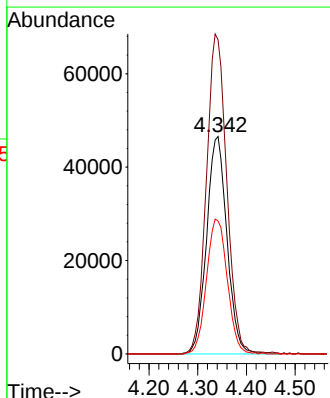
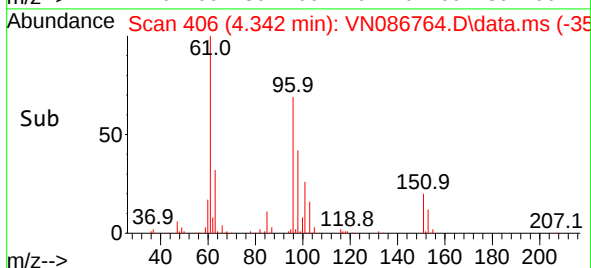
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#12
1,1-Dichloroethene
Concen: 45.715 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



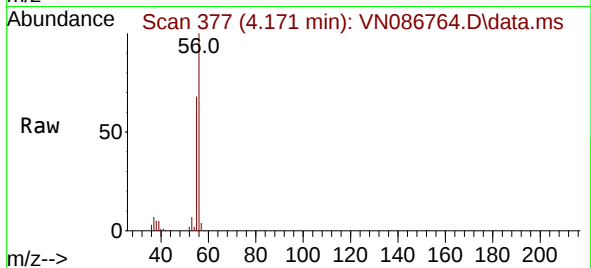
Tgt Ion: 96 Resp: 135108
Ion Ratio Lower Upper
96 100
61 144.5 126.2 189.2
98 61.2 51.5 77.3





#13
Acrolein
Concen: 262.111 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

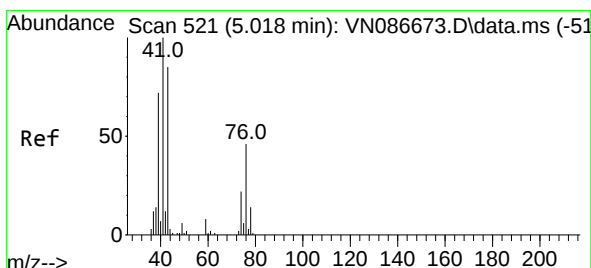
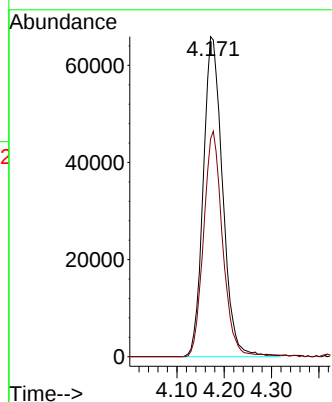
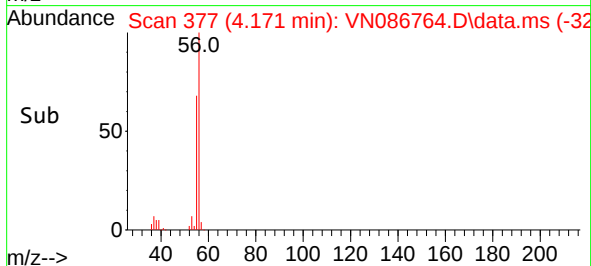
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



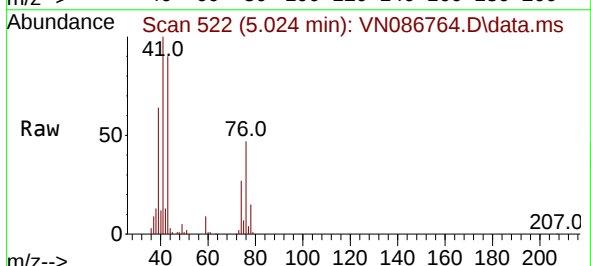
Tgt Ion: 56 Resp: 186852
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5

Manual Integrations
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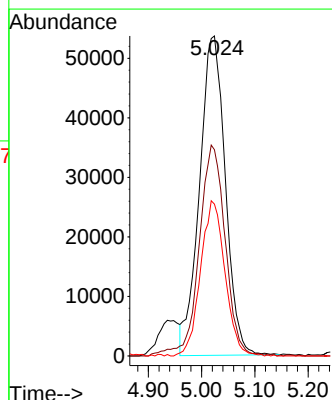
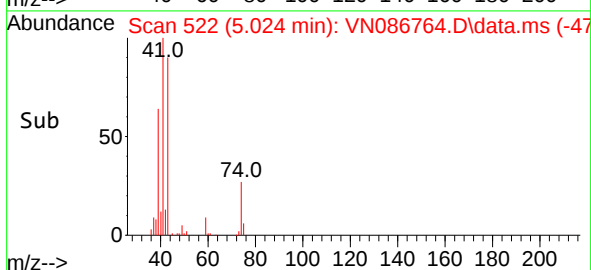
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

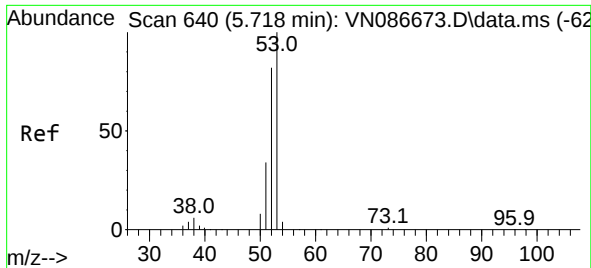


#14
Allyl chloride
Concen: 40.446 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



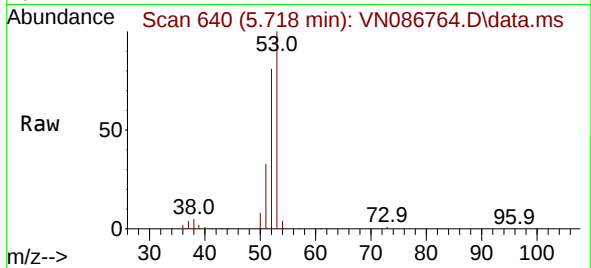
Tgt Ion: 41 Resp: 180929
Ion Ratio Lower Upper
41 100
39 66.8 57.4 86.0
76 45.9 33.2 49.8





#15
Acrylonitrile
Concen: 215.234 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

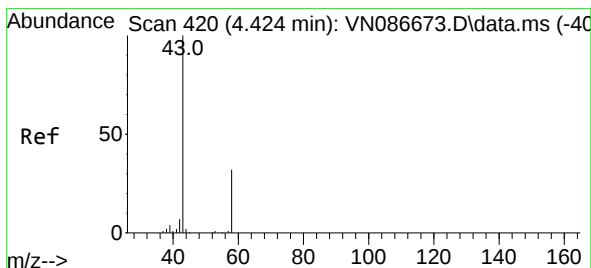
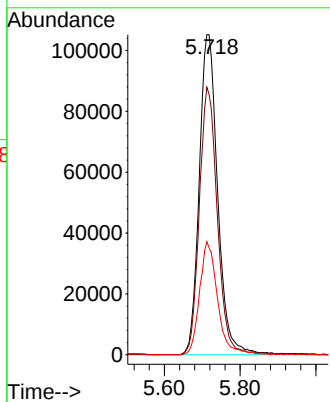
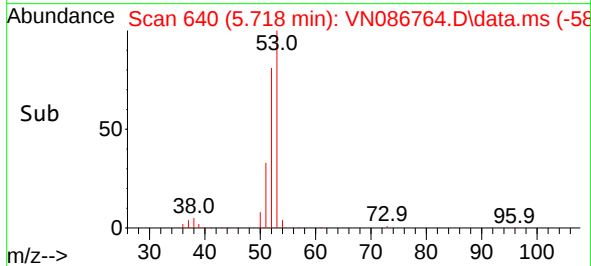
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



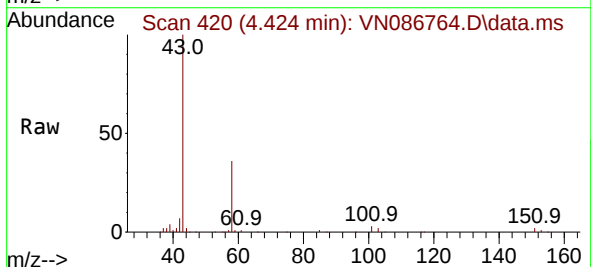
Tgt Ion: 53 Resp: 355372
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.2
51 34.3 27.9 41.9

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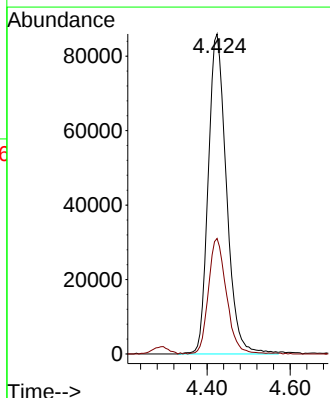
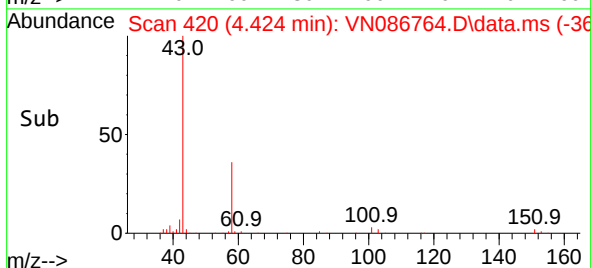
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

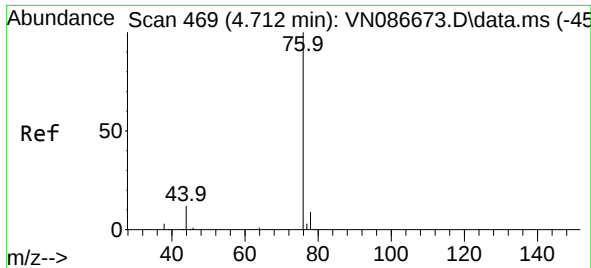


#16
Acetone
Concen: 190.824 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



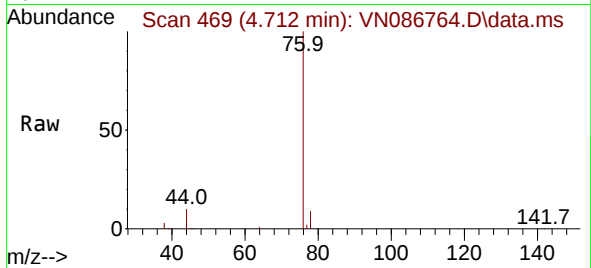
Tgt Ion: 43 Resp: 261360
Ion Ratio Lower Upper
43 100
58 36.1 25.8 38.6





#17
Carbon Disulfide
Concen: 42.082 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

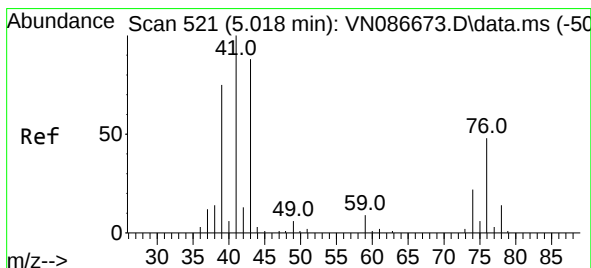
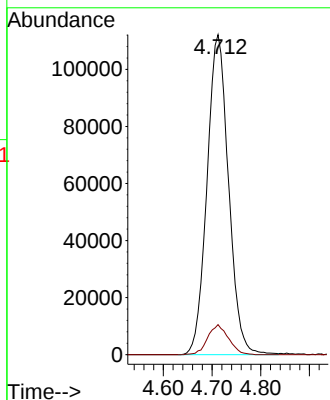
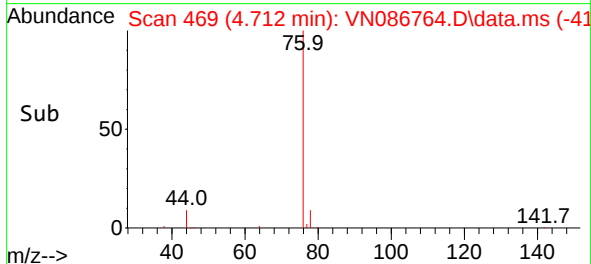
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 34434
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

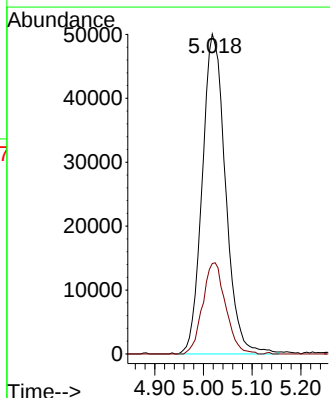
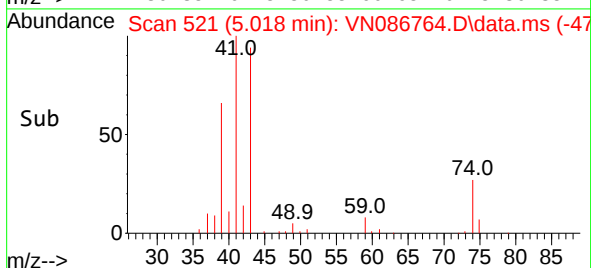
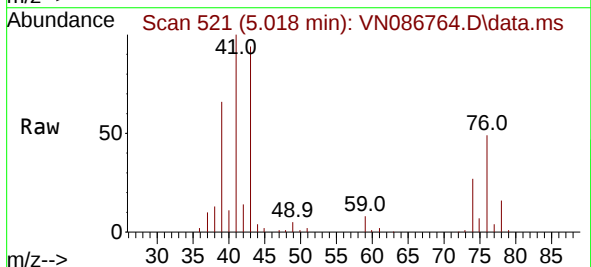
Manual Integrations
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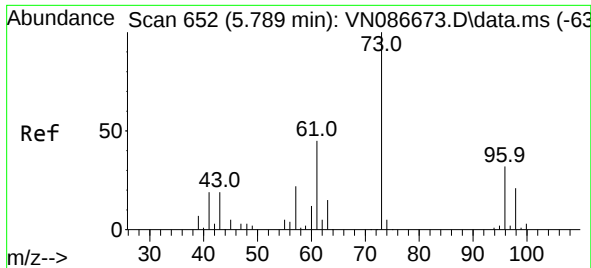
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 43.347 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion: 43 Resp: 166167
Ion Ratio Lower Upper
43 100
74 28.1 20.5 30.7





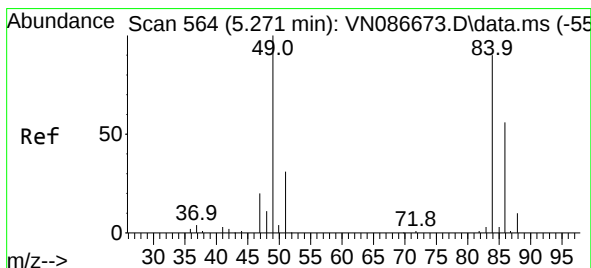
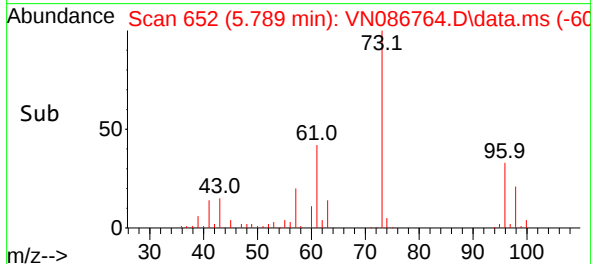
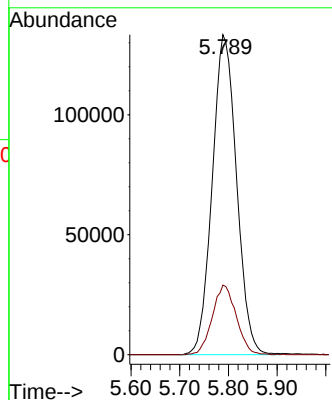
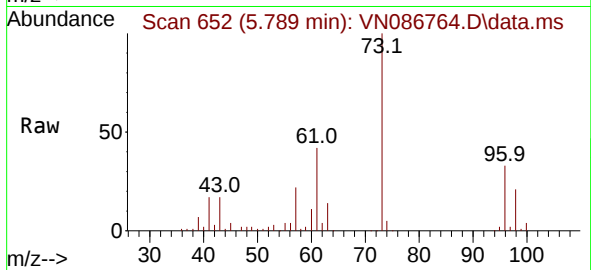
#19
Methyl tert-butyl Ether
Concen: 45.991 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 46282
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

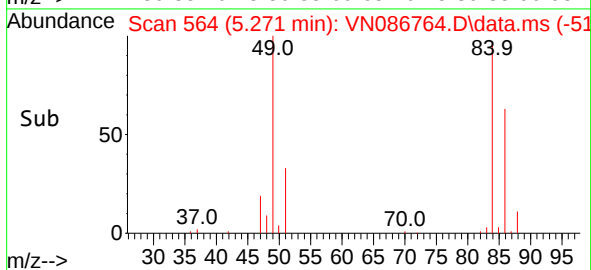
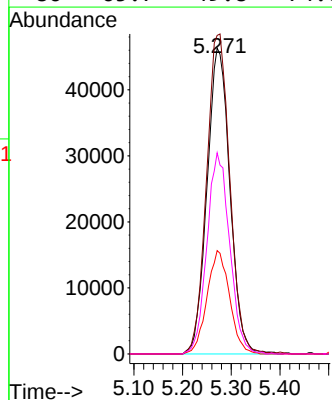
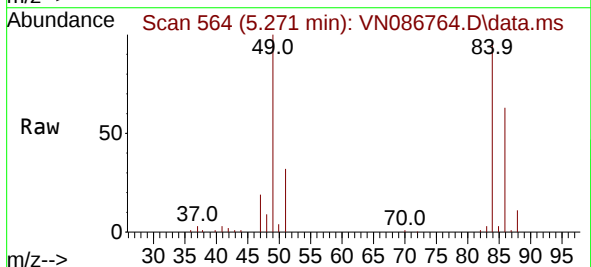
Manual Integrations
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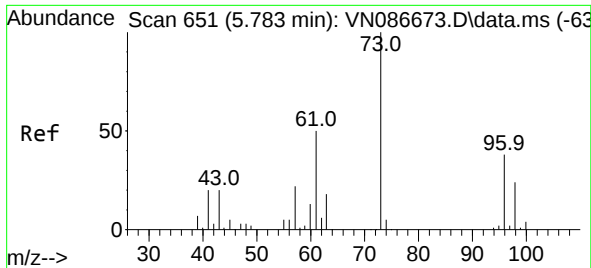
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#20
Methylene Chloride
Concen: 41.838 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

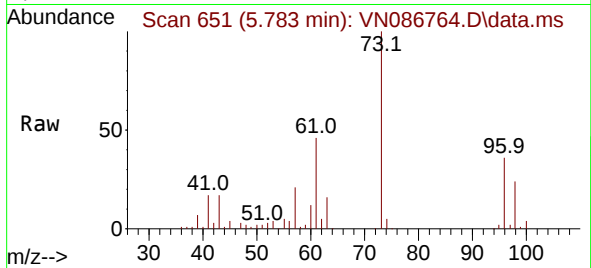
Tgt Ion: 84 Resp: 151216
Ion Ratio Lower Upper
84 100
49 104.2 88.8 133.2
51 33.8 27.8 41.6
86 65.7 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 44.903 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

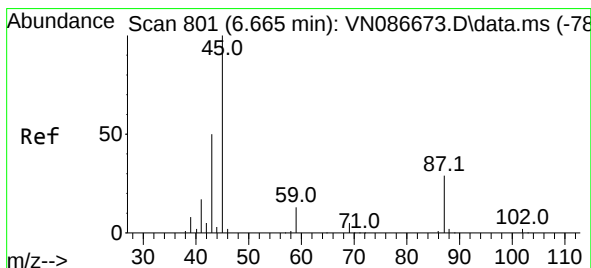
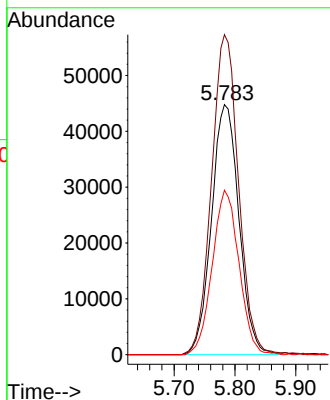
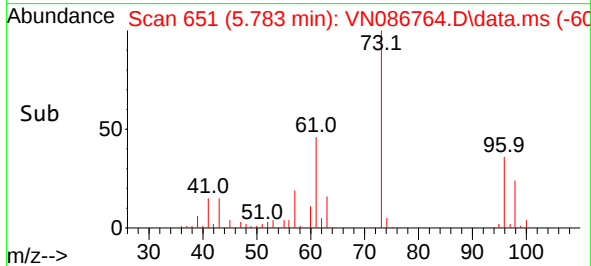
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



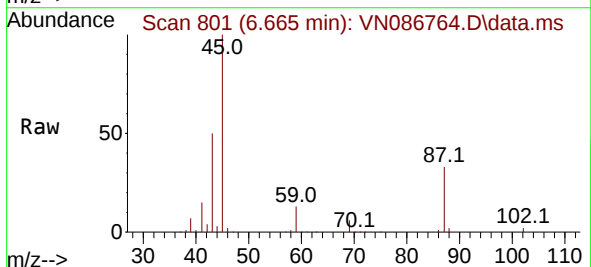
Tgt Ion: 96 Resp: 14031
Ion Ratio Lower Upper
96 100
61 128.0 105.7 158.5
98 65.8 51.0 76.6

Manual Integrations
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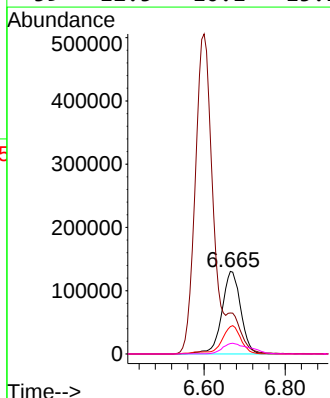
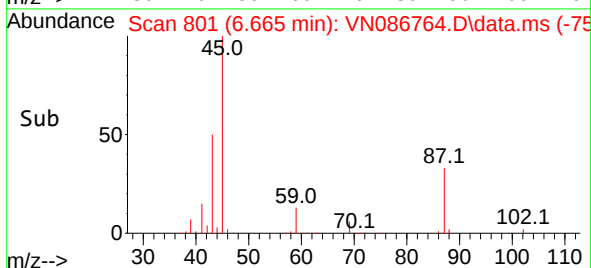
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

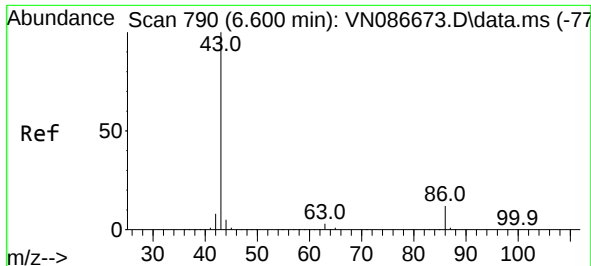


#22
Diisopropyl ether
Concen: 41.725 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



Tgt Ion: 45 Resp: 421099
Ion Ratio Lower Upper
45 100
43 48.9 41.4 62.2
87 33.1 22.9 34.3
59 12.5 10.1 15.1





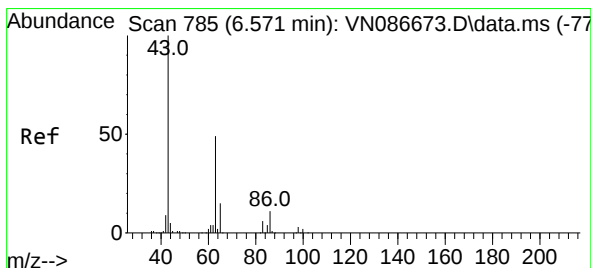
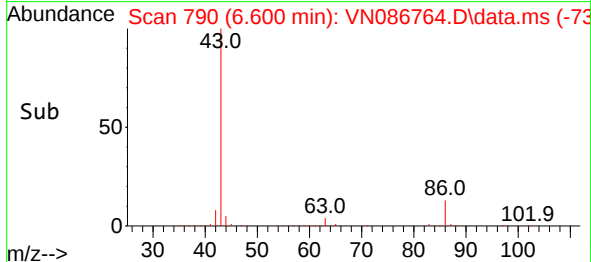
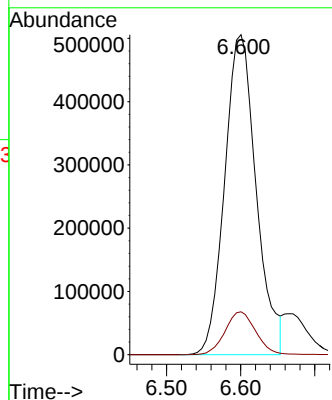
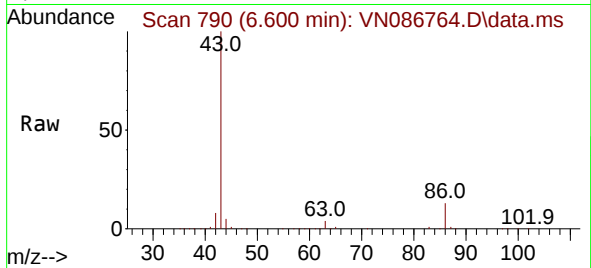
#23
 Vinyl Acetate
 Concen: 197.452 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1497658
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.5 14.3

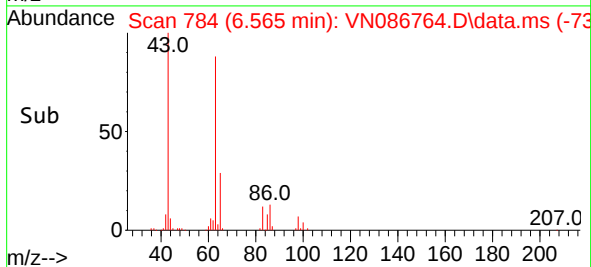
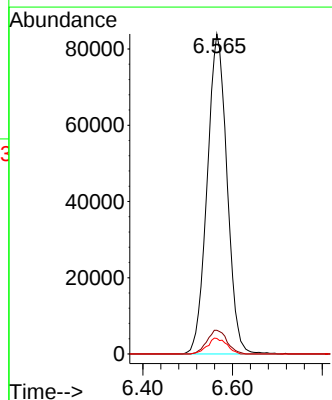
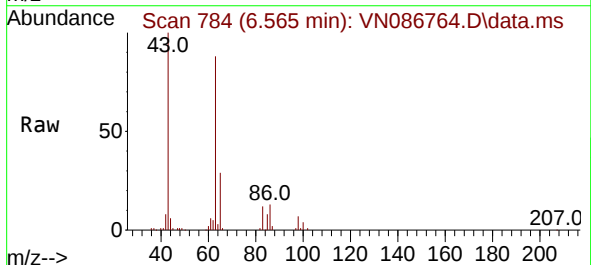
Manual Integrations
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Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#24
 1,1-Dichloroethane
 Concen: 43.428 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

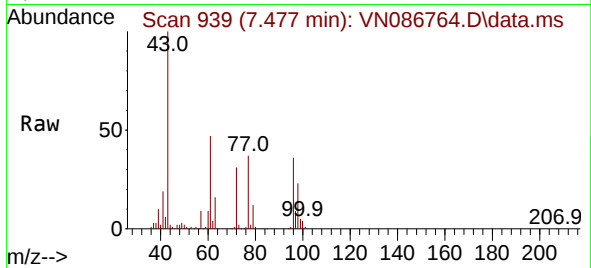
Tgt Ion: 63 Resp: 257324
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.8 2.4 7.1





#25
2-Butanone
Concen: 202.827 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

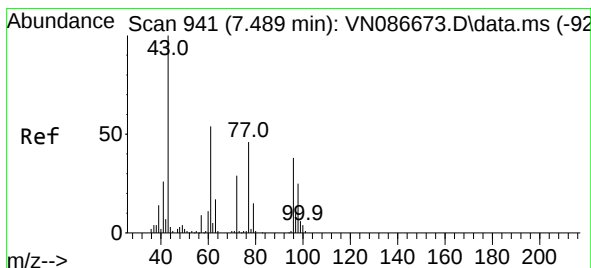
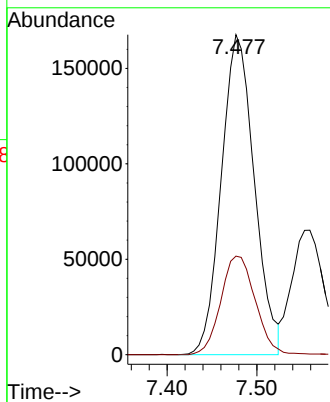
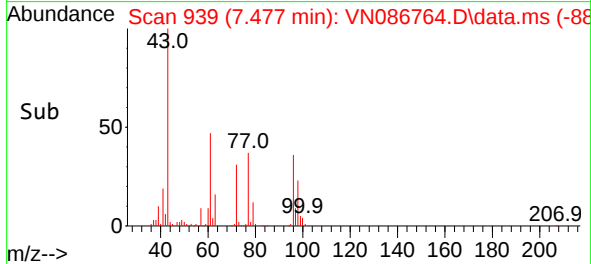
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



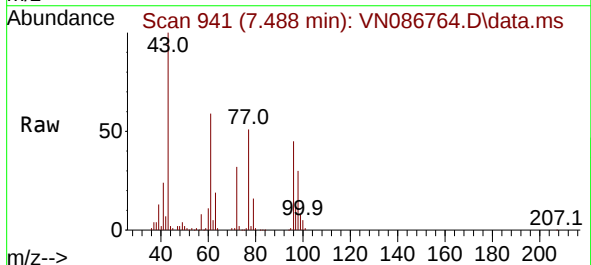
Tgt Ion: 43 Resp: 429278
Ion Ratio Lower Upper
43 100
72 30.8 23.1 34.7

Manual Integrations
APPROVED

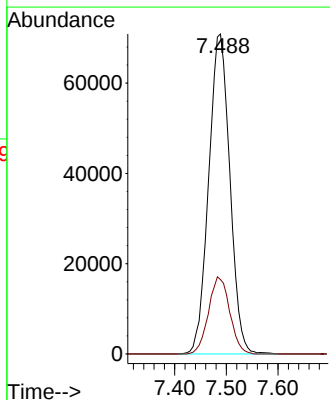
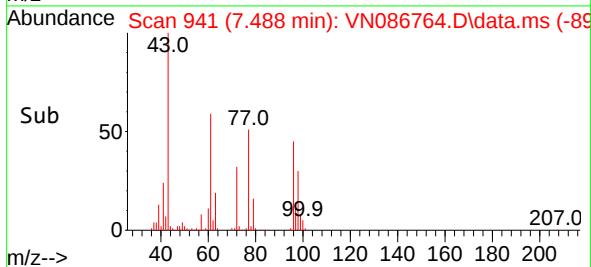
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

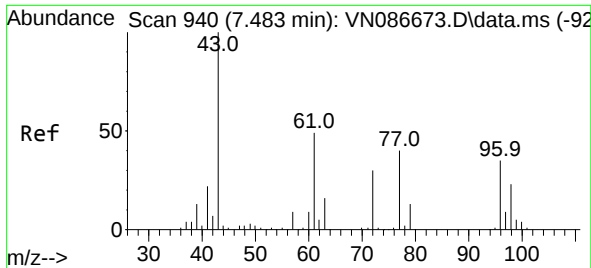


#26
2,2-Dichloropropane
Concen: 41.234 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



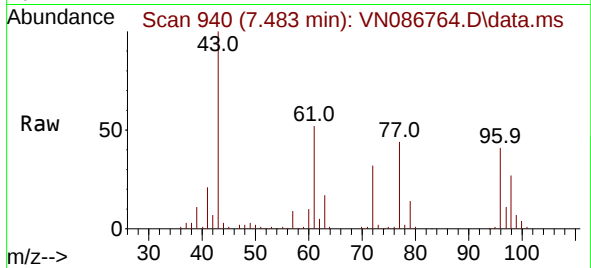
Tgt Ion: 77 Resp: 201629
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 45.400 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

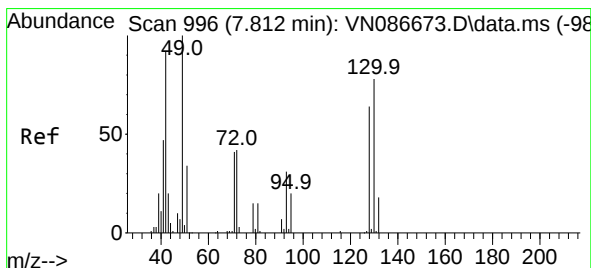
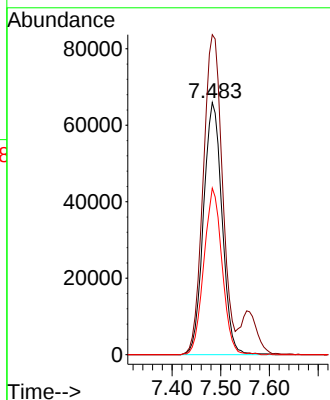
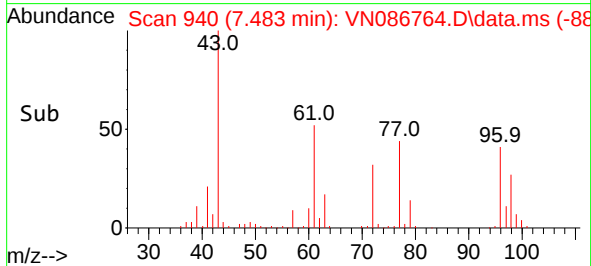
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17413
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 277.4
 98 64.7 0.0 129.6

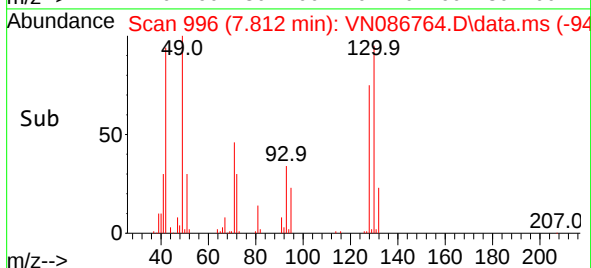
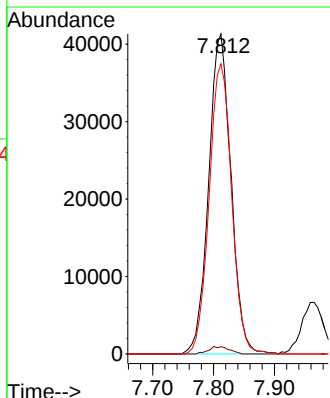
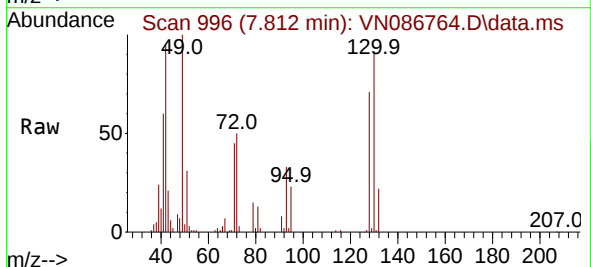
Manual Integrations
 APPROVED

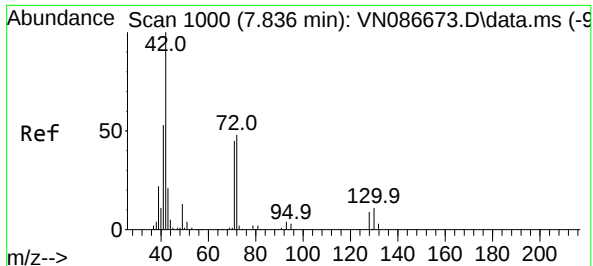
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#28
 Bromochloromethane
 Concen: 39.092 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

Tgt Ion: 49 Resp: 105240
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 91.4 62.2 93.4





#29

Tetrahydrofuran

Concen: 202.028 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 279092

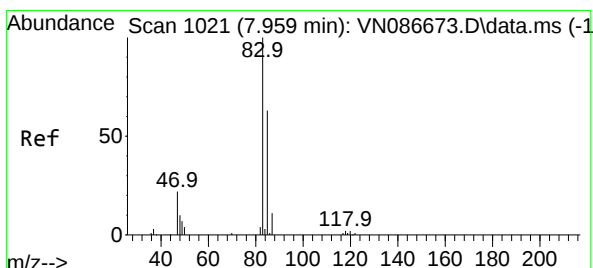
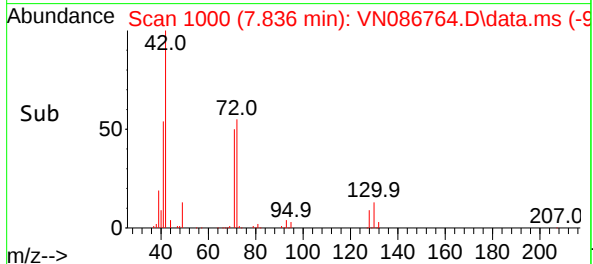
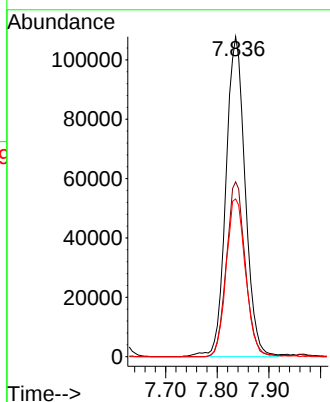
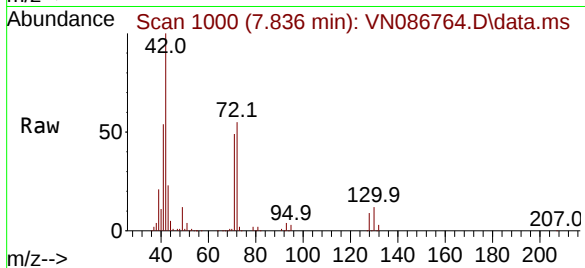
Ion	Ratio	Lower	Upper
42	100		
72	53.4	38.7	58.1
71	49.9	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 43.904 ug/l

RT: 7.965 min Scan# 1022

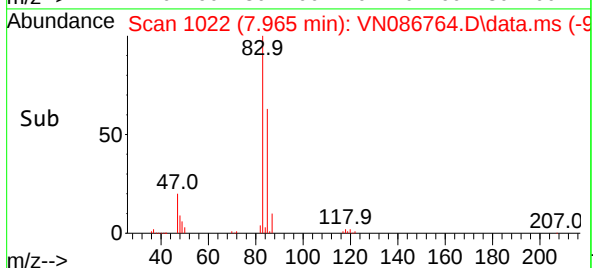
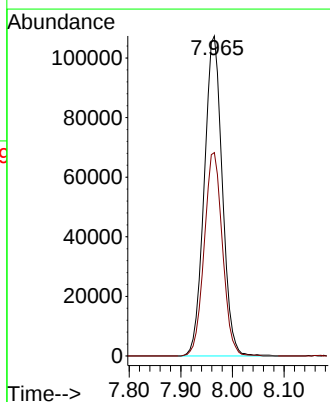
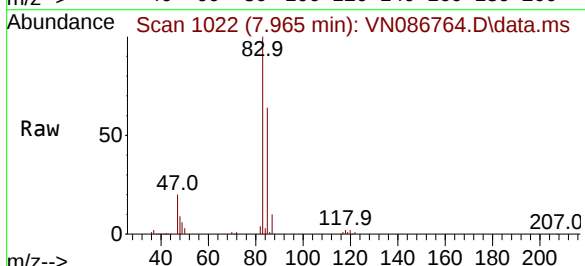
Delta R.T. 0.006 min

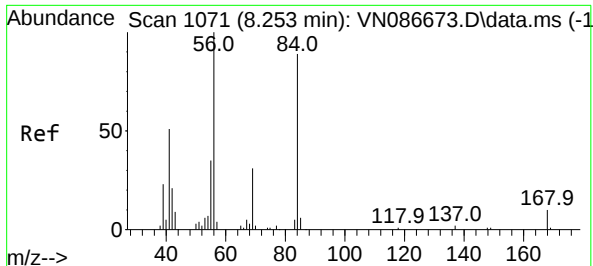
Lab File: VN086764.D

Acq: 22 May 2025 14:43

Tgt Ion: 83 Resp: 260377

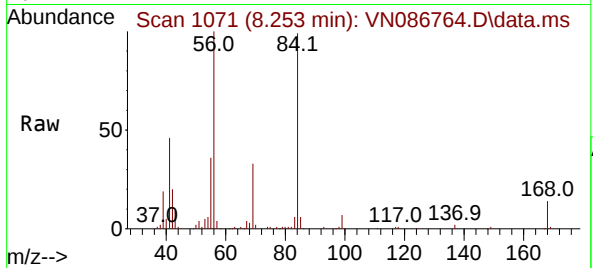
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.2	75.4





#31
Cyclohexane
Concen: 39.997 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

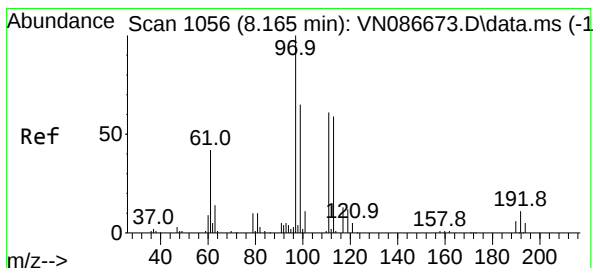
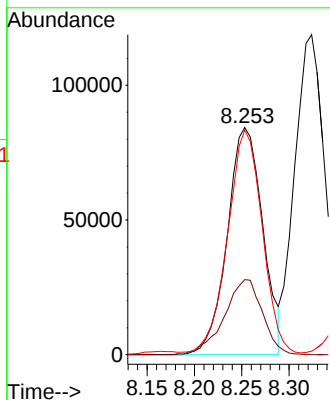
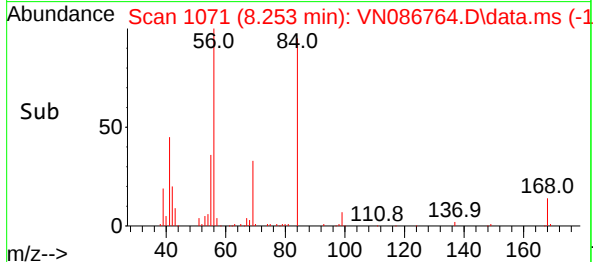
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



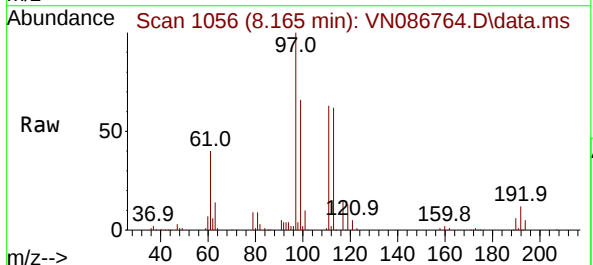
Tgt Ion: 56 Resp: 21979
Ion Ratio Lower Upper
56 100
69 32.6 25.0 37.6
84 97.8 71.0 106.4

Manual Integrations
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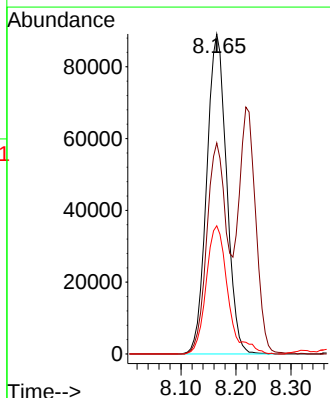
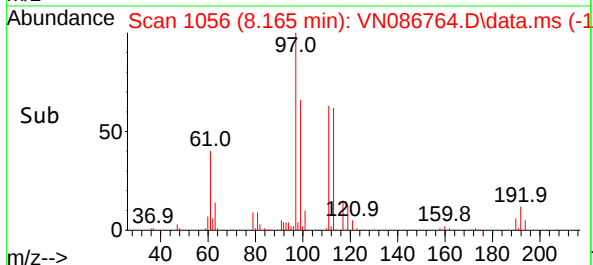
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

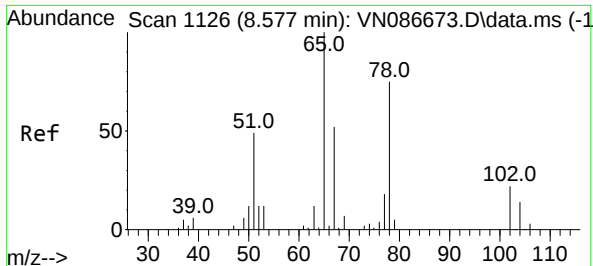


#32
1,1,1-Trichloroethane
Concen: 44.713 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



Tgt Ion: 97 Resp: 223574
Ion Ratio Lower Upper
97 100
99 67.3 52.6 79.0
61 43.8 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 41.621 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15239

Ion Ratio Lower Upper

65 100

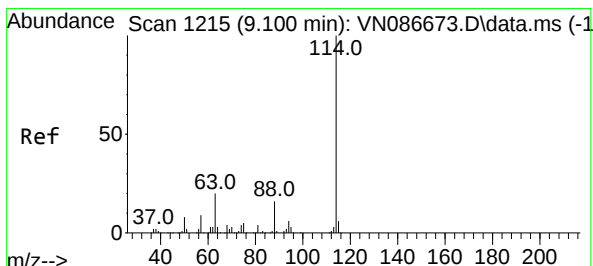
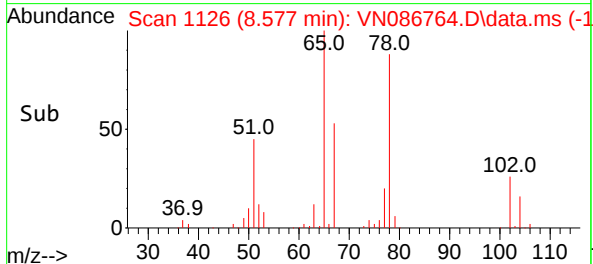
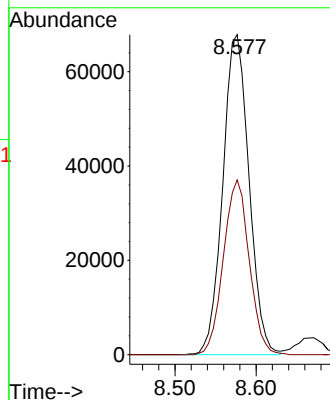
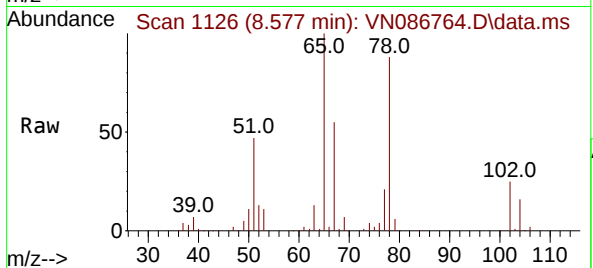
67 53.8 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

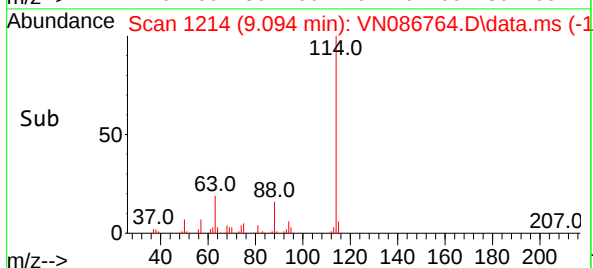
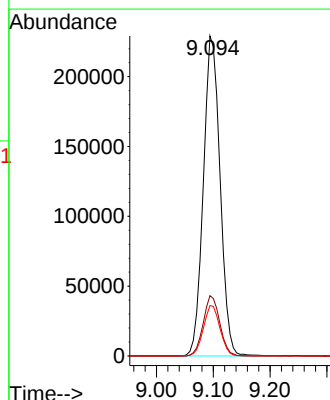
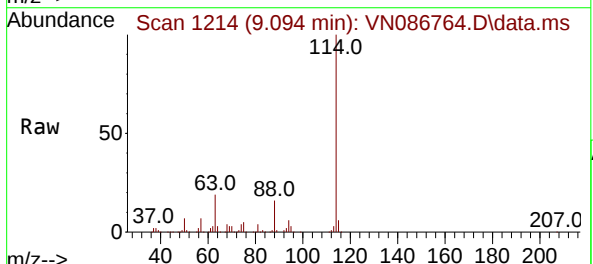
Tgt Ion:114 Resp: 467713

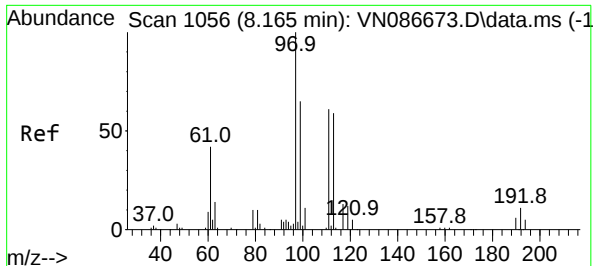
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

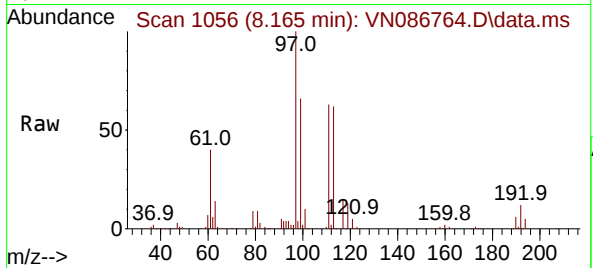
88 15.7 0.0 31.2





#35
Dibromofluoromethane
Concen: 47.413 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

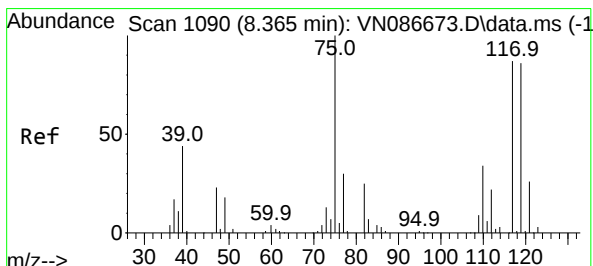
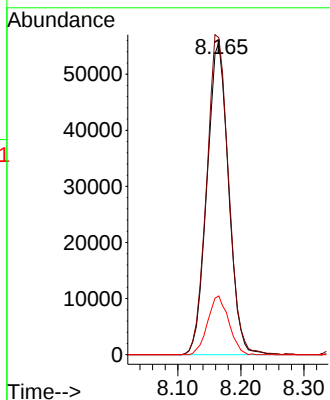
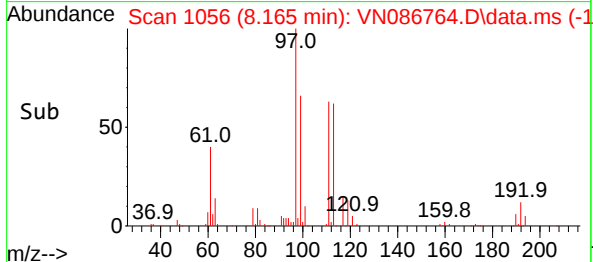
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



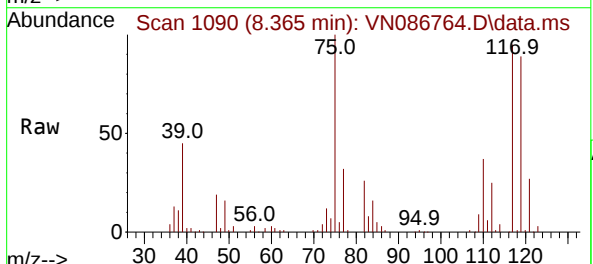
Tgt Ion: 113 Resp: 13206
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.4 13.8 20.8

Manual Integrations
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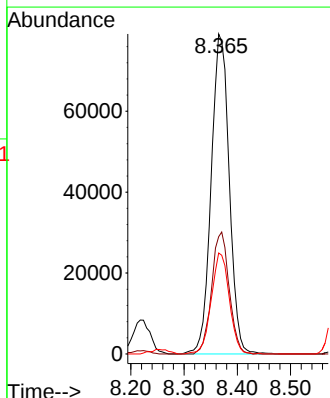
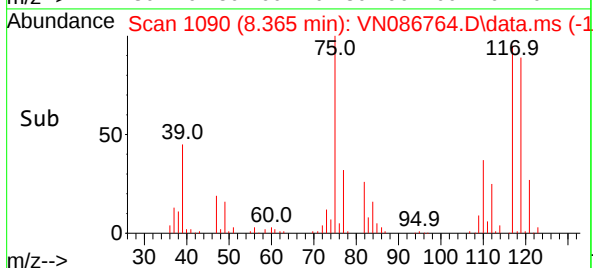
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#36
1,1-Dichloropropene
Concen: 45.359 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



Tgt Ion: 75 Resp: 186363
Ion Ratio Lower Upper
75 100
110 37.1 17.5 52.5
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 40.343 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086764.D

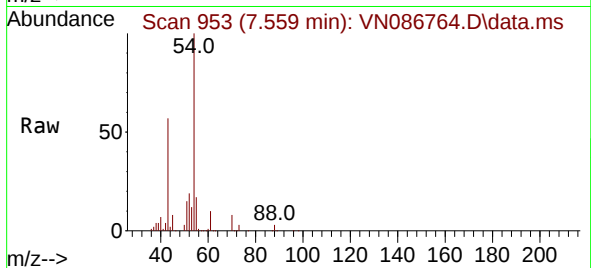
Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



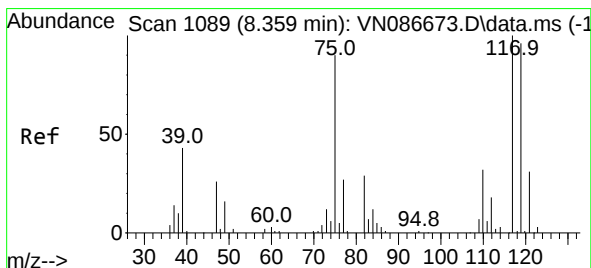
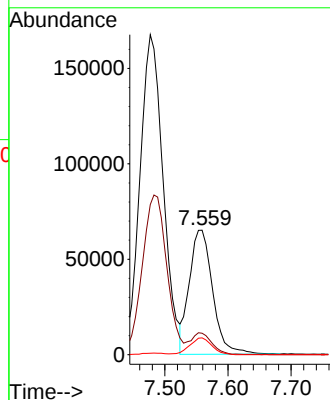
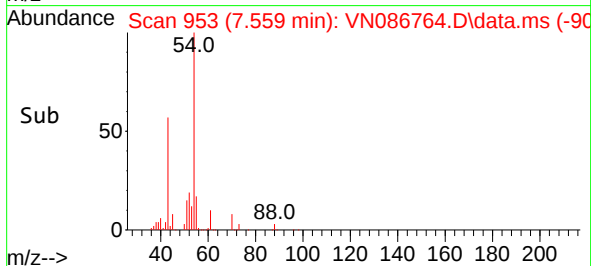
Tgt Ion:	43	Resp:	16743
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.6	17.4
70	12.9	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 47.981 ug/l

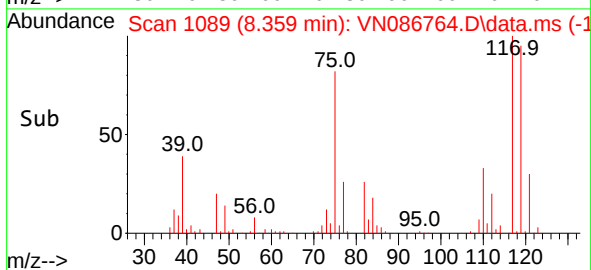
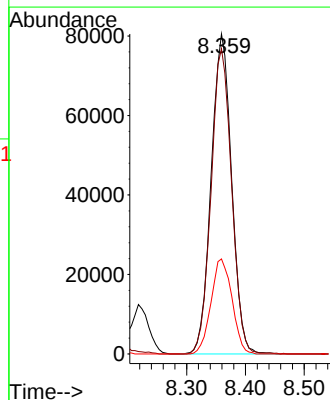
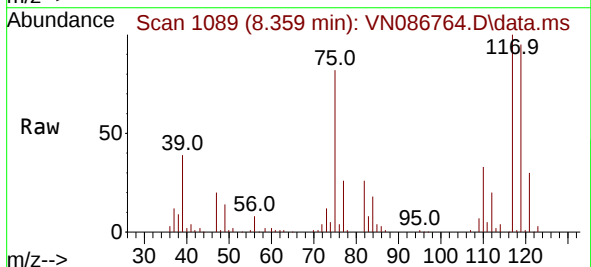
RT: 8.359 min Scan# 1089

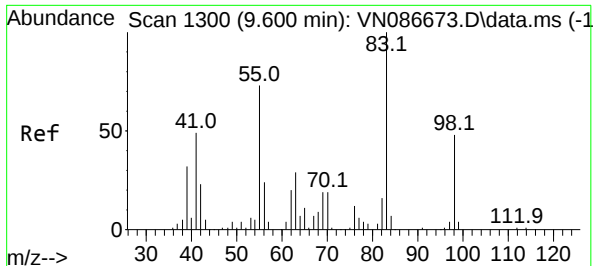
Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Tgt Ion:	117	Resp:	194236
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
121	29.7	25.0	37.6





#39

Methylcyclohexane

Concen: 47.705 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21213

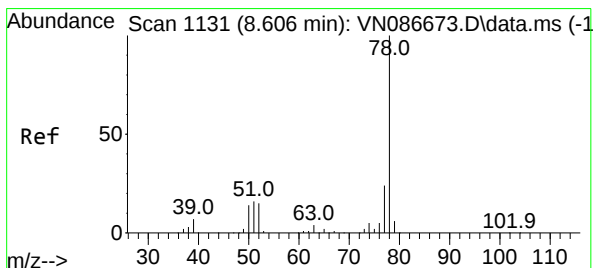
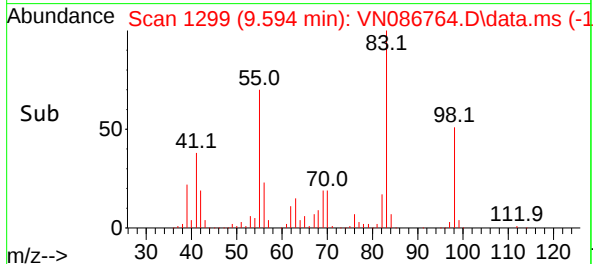
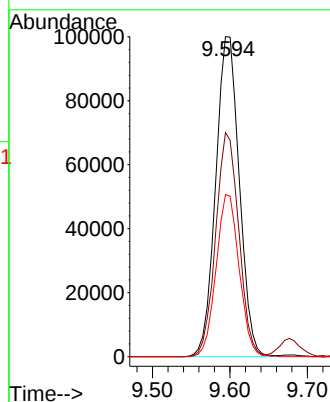
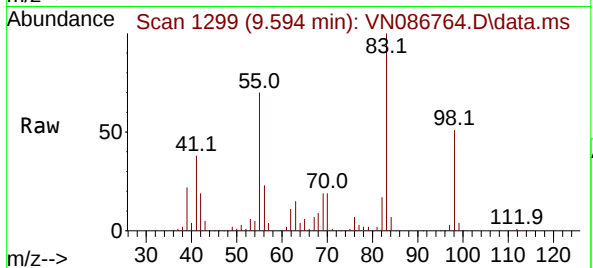
Ion	Ratio	Lower	Upper
83	100		
55	70.1	58.2	87.4
98	50.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#40

Benzene

Concen: 45.675 ug/l

RT: 8.600 min Scan# 1130

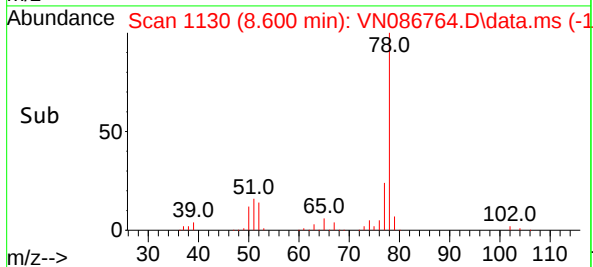
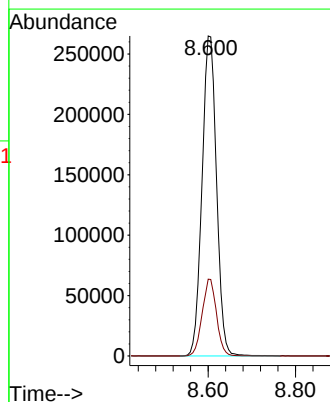
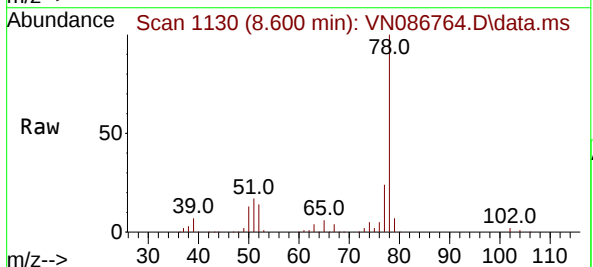
Delta R.T. -0.006 min

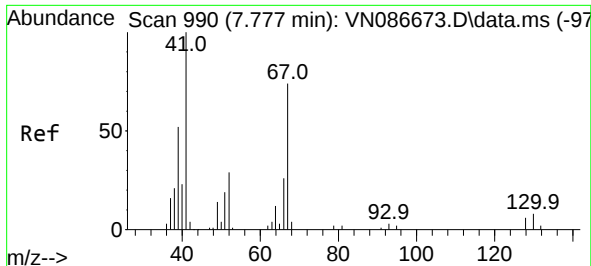
Lab File: VN086764.D

Acq: 22 May 2025 14:43

Tgt Ion: 78 Resp: 612186

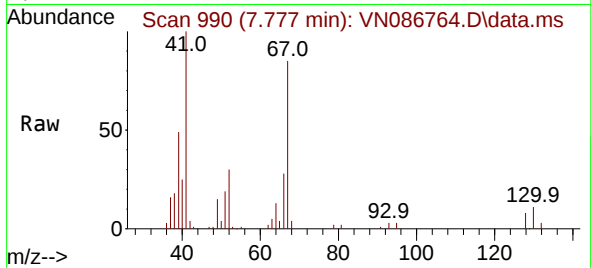
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





#41
Methacrylonitrile
Concen: 41.754 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

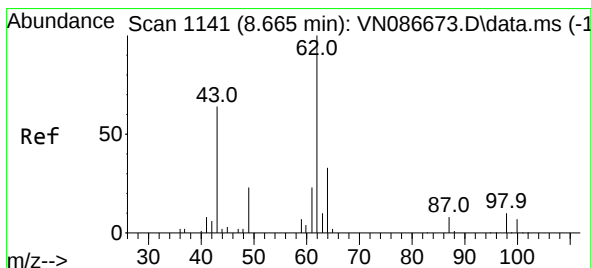
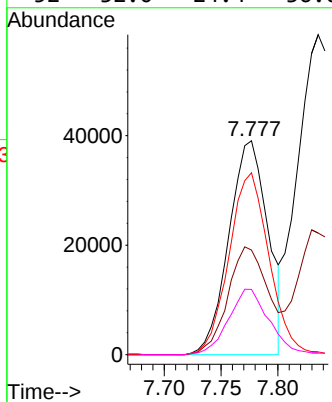
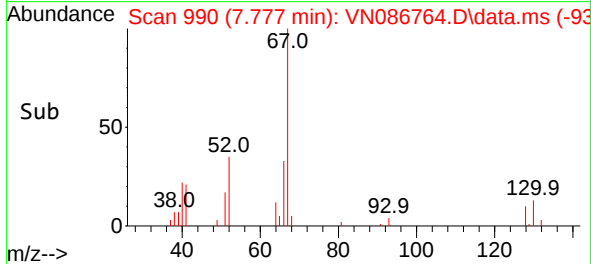
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



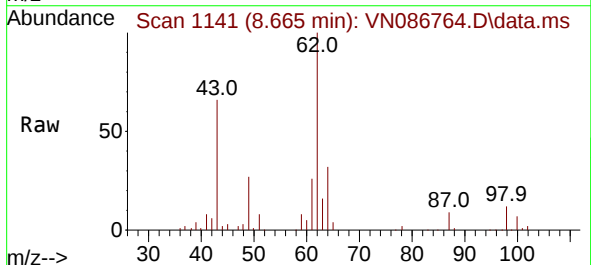
Tgt Ion: 41 Resp: 93560
Ion Ratio Lower Upper
41 100
39 51.1 44.9 67.3
67 87.5 63.4 95.0
52 32.0 24.4 36.6

Manual Integrations
APPROVED

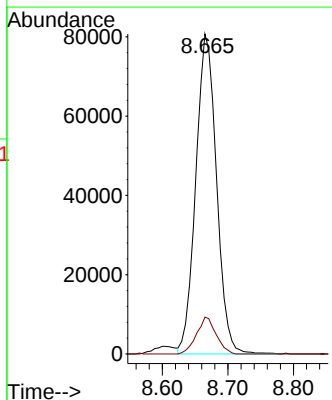
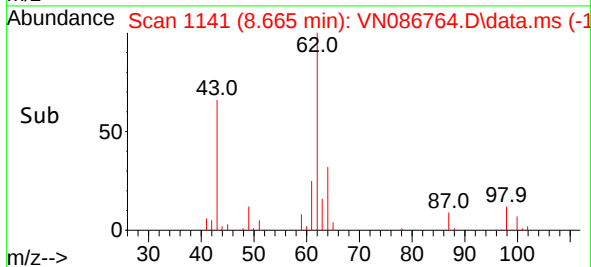
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

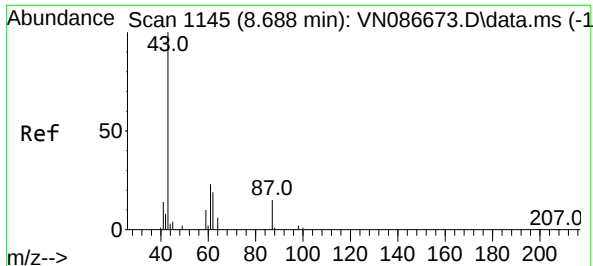


#42
1,2-Dichloroethane
Concen: 42.597 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



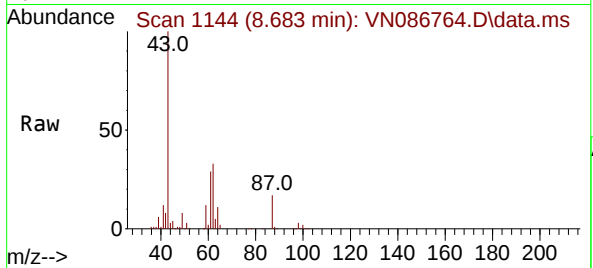
Tgt Ion: 62 Resp: 177871
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.2





#43
Isopropyl Acetate
Concen: 36.840 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

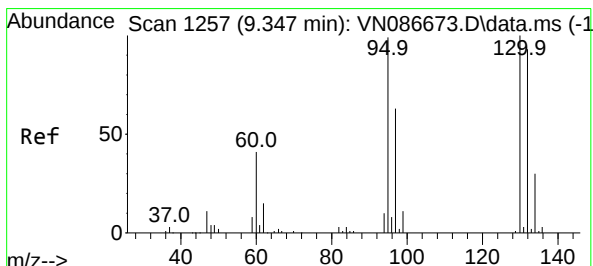
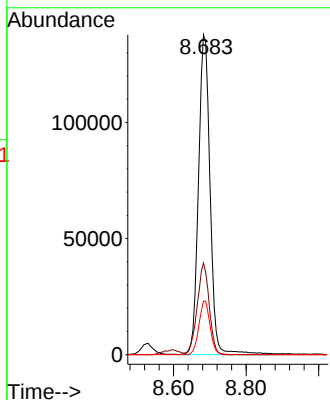
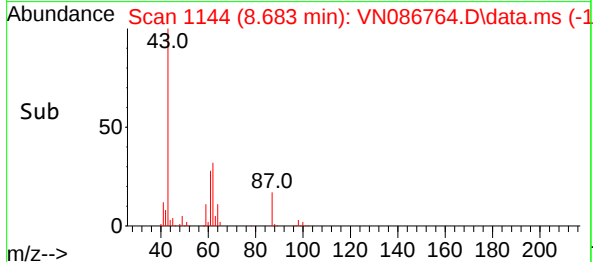
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 30651
Ion Ratio Lower Upper
43 100
61 29.4 21.4 32.2
87 15.9 11.1 16.7

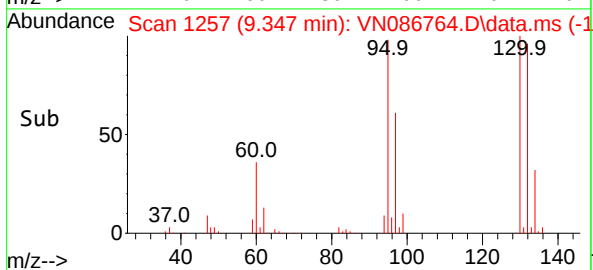
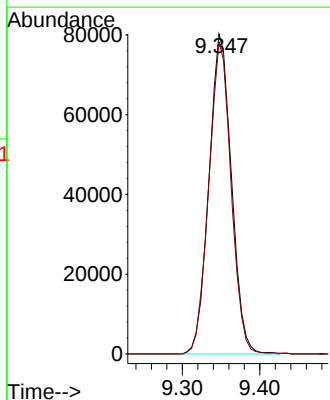
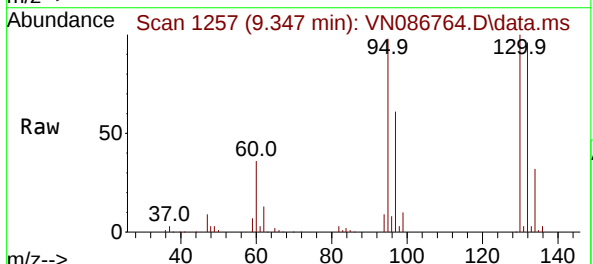
Manual Integrations
APPROVED

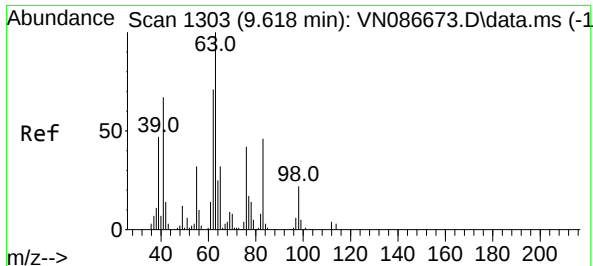
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#44
Trichloroethene
Concen: 50.127 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion:130 Resp: 162049
Ion Ratio Lower Upper
130 100
95 97.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 45.563 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14507

Ion Ratio Lower Upper

63 100

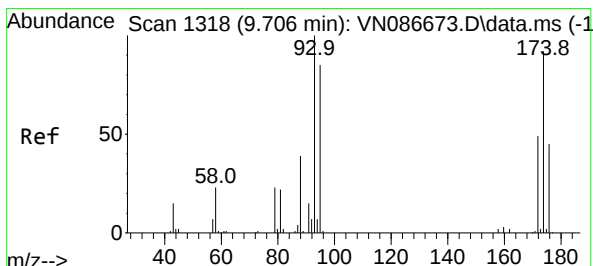
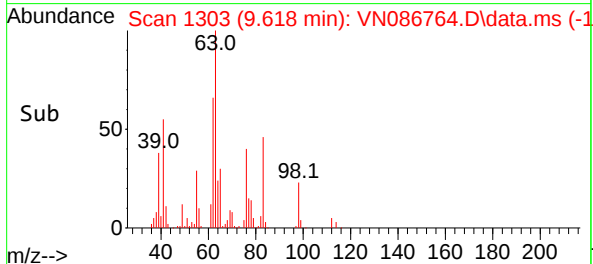
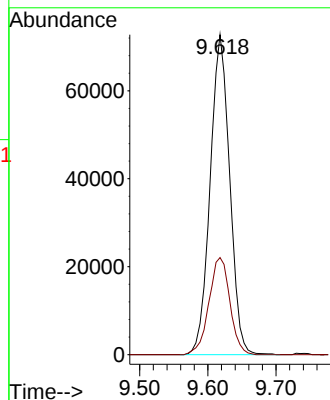
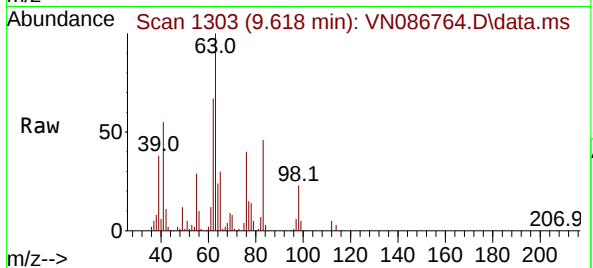
65 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 45.715 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

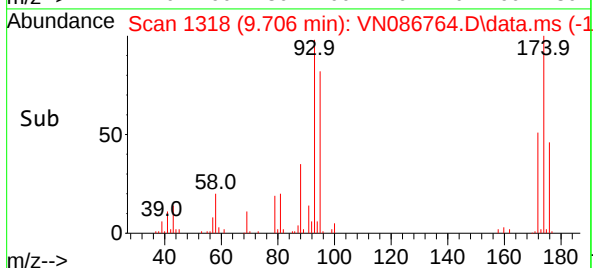
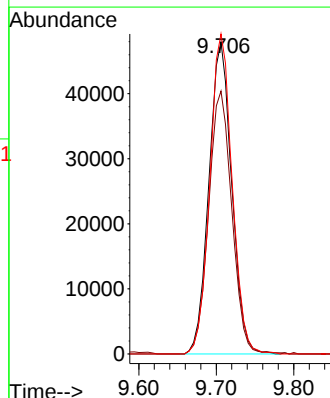
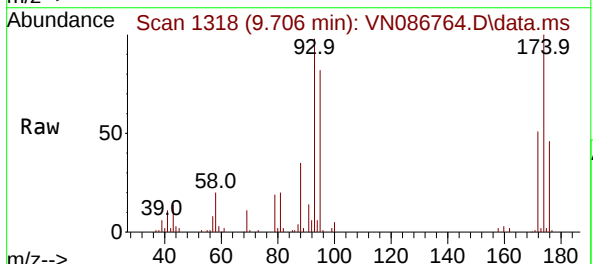
Tgt Ion: 93 Resp: 98215

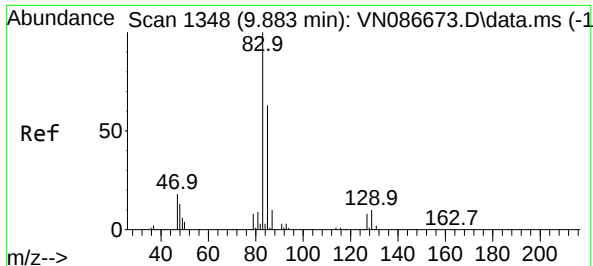
Ion Ratio Lower Upper

93 100

95 85.7 67.1 100.7

174 100.5 73.8 110.6





#47

Bromodichloromethane

Concen: 46.429 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

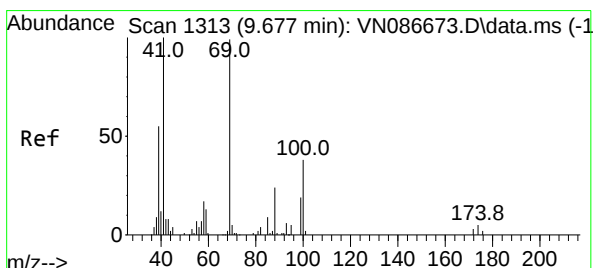
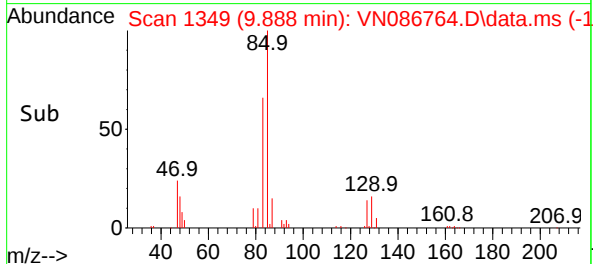
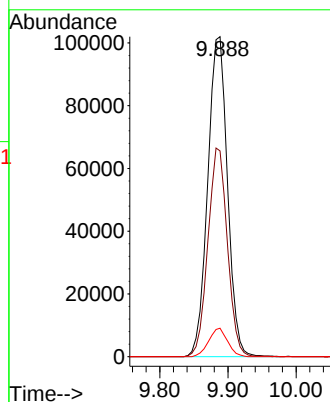
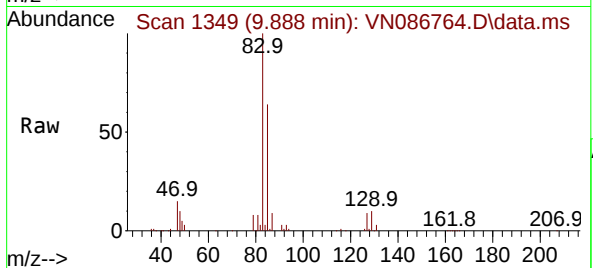
Tgt Ion:	83	Resp:	20552
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.1	75.1
127	8.9	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#48

Methyl methacrylate

Concen: 42.564 ug/l

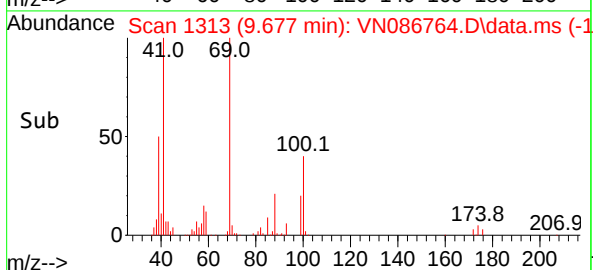
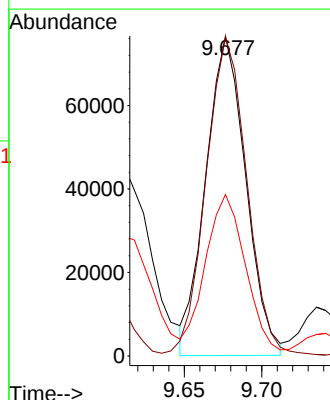
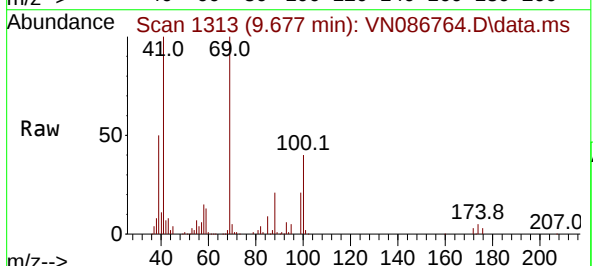
RT: 9.677 min Scan# 1313

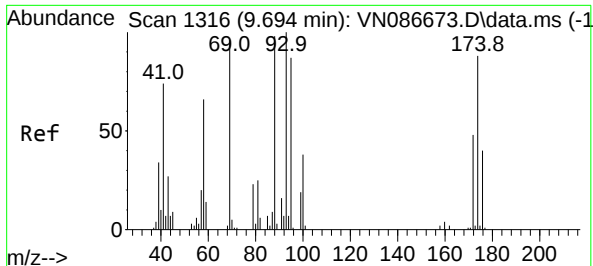
Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Tgt Ion:	41	Resp:	137228
Ion Ratio	Lower	Upper	
41	100		
69	101.6	74.1	111.1
39	51.5	44.1	66.1





#49

1,4-Dioxane

Concen: 953.516 ug/l

RT: 9.688 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 65095

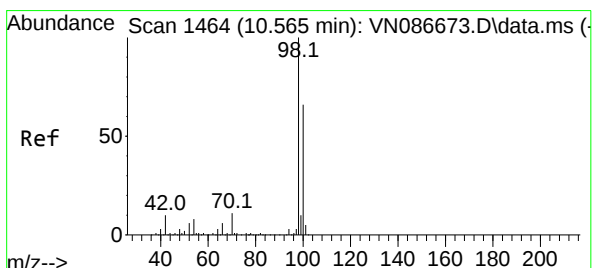
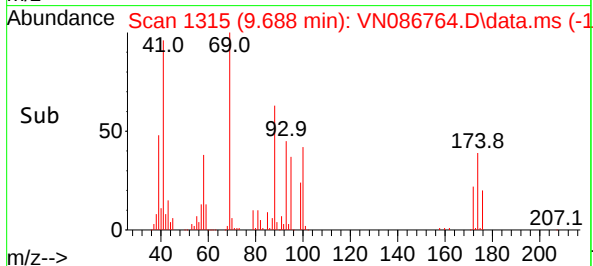
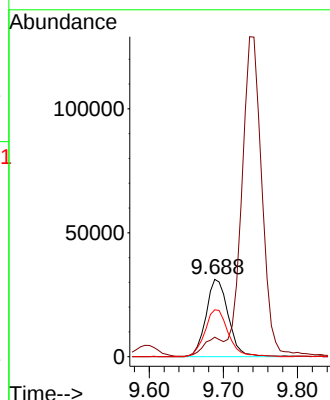
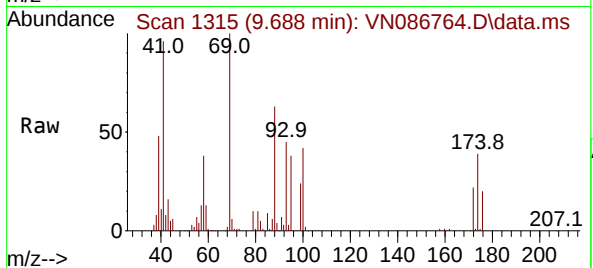
Ion	Ratio	Lower	Upper
88	100		
43	20.9	23.6	35.4
58	64.1	55.3	82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#50

Toluene-d8

Concen: 47.804 ug/l

RT: 10.565 min Scan# 1464

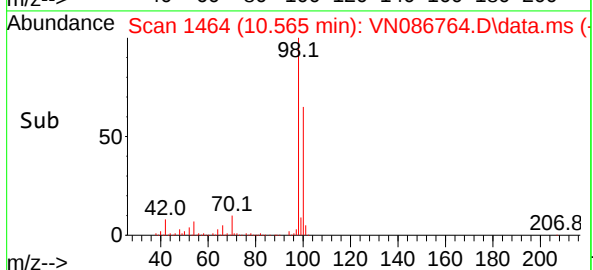
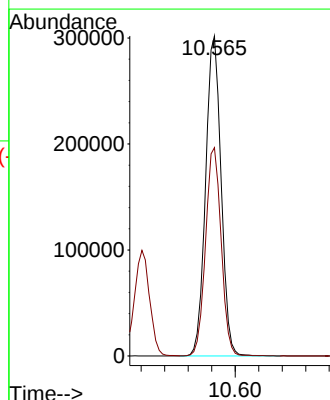
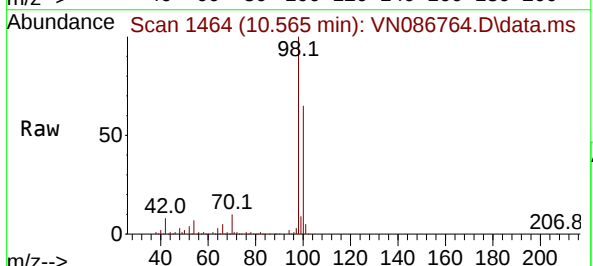
Delta R.T. -0.000 min

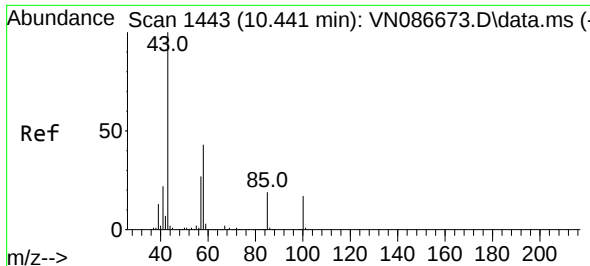
Lab File: VN086764.D

Acq: 22 May 2025 14:43

Tgt Ion: 98 Resp: 551796

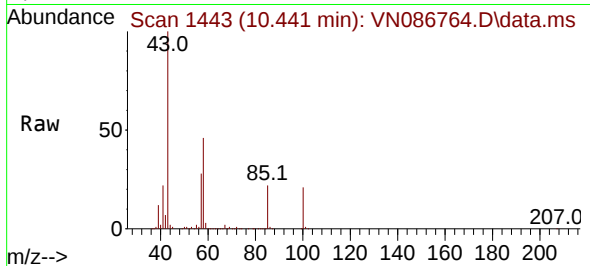
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 209.108 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

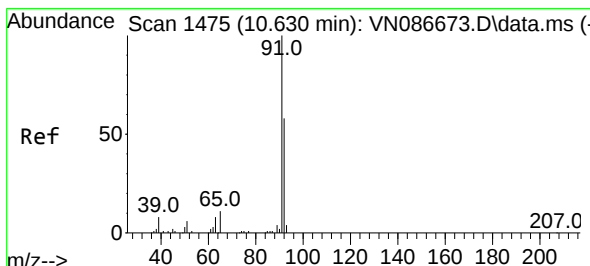
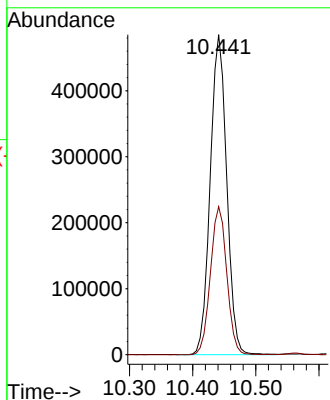
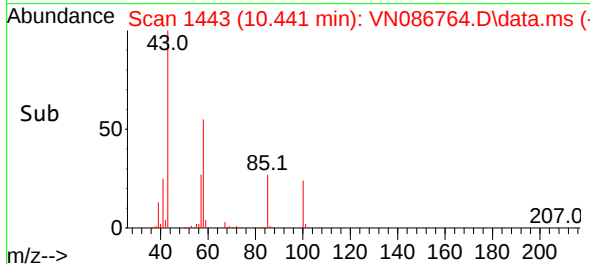
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



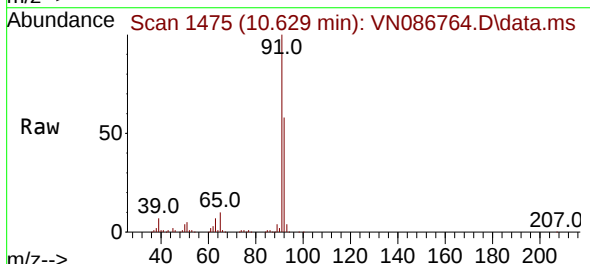
Tgt Ion: 43 Resp: 877364
Ion Ratio Lower Upper
43 100
58 45.9 33.9 50.9

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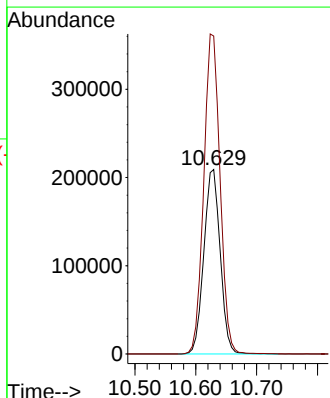
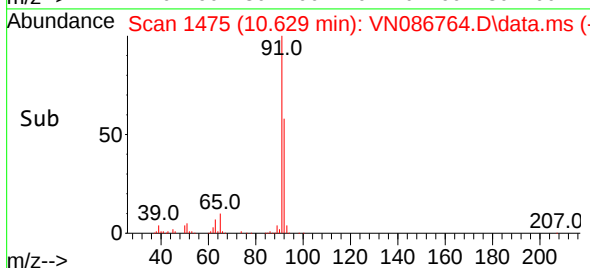
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

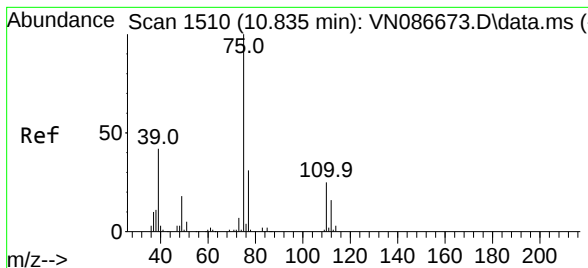


#52
Toluene
Concen: 46.751 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



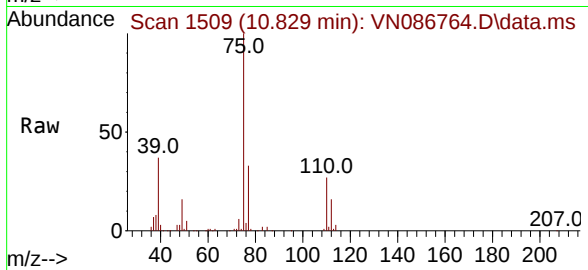
Tgt Ion: 92 Resp: 389451
Ion Ratio Lower Upper
92 100
91 173.3 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 47.369 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

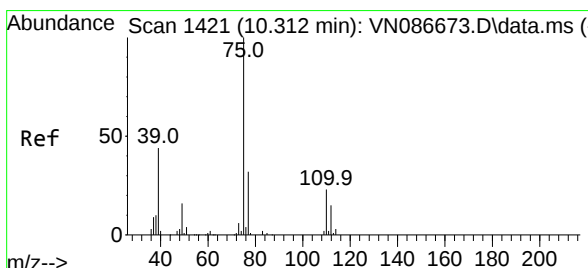
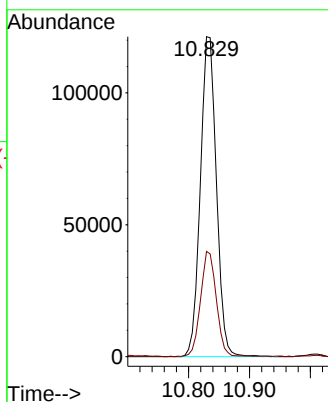
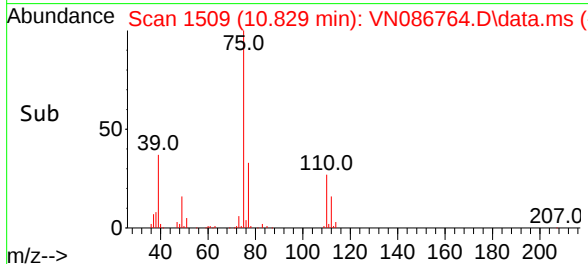
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



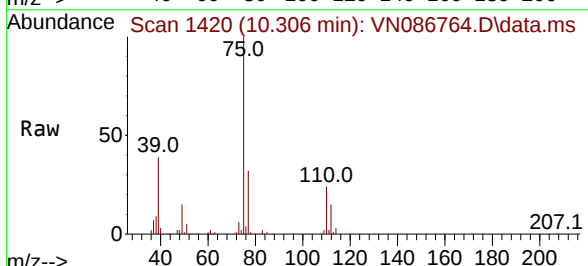
Tgt Ion: 75 Resp: 22201
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.2 37.8

Manual Integrations
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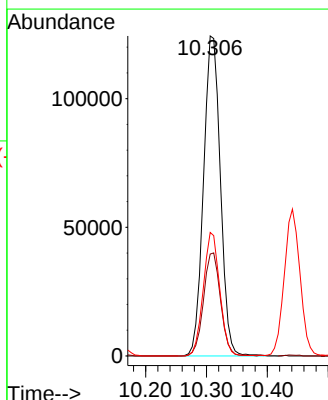
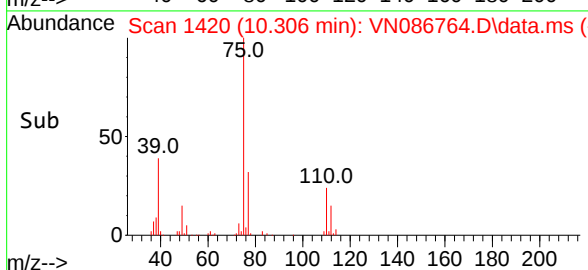
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

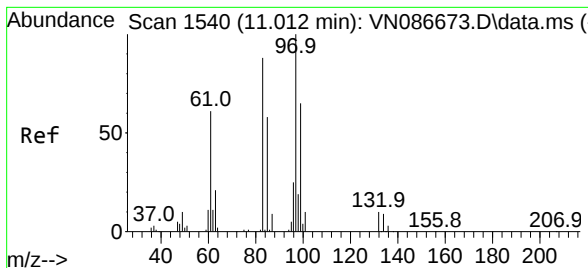


#54
 cis-1,3-Dichloropropene
 Concen: 46.883 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43



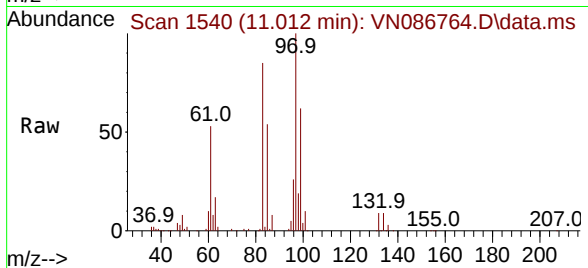
Tgt Ion: 75 Resp: 239864
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 38.6 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 45.816 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

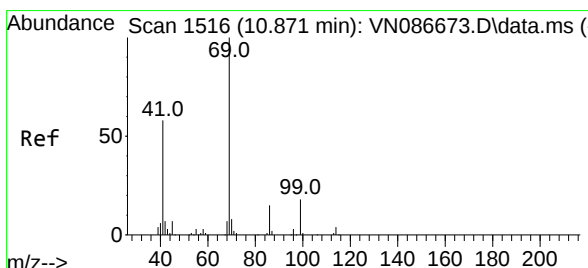
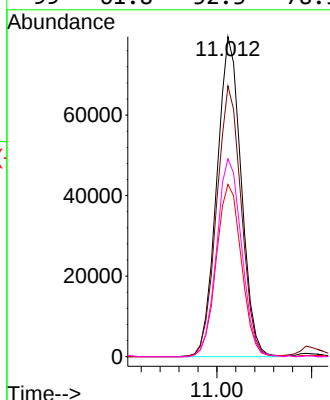
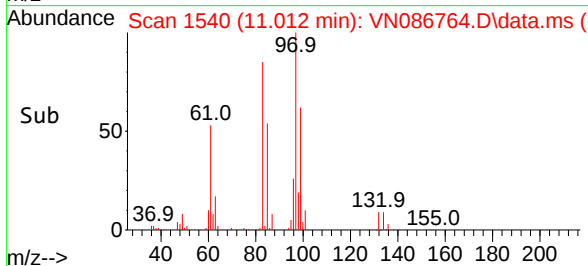
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 14237
Ion Ratio Lower Upper
97 100
83 84.6 70.4 105.6
85 53.9 46.1 69.1
99 61.8 52.3 78.5

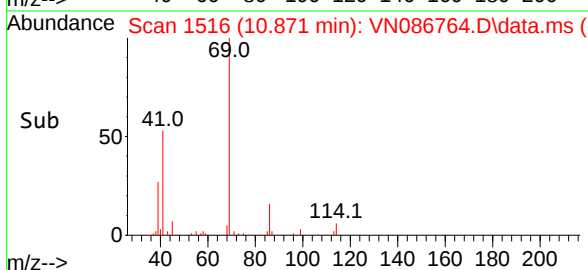
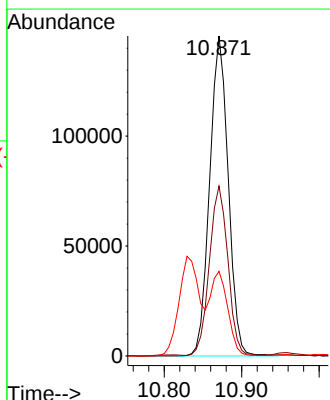
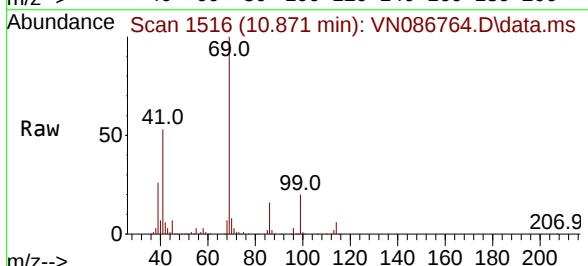
Manual Integrations
APPROVED

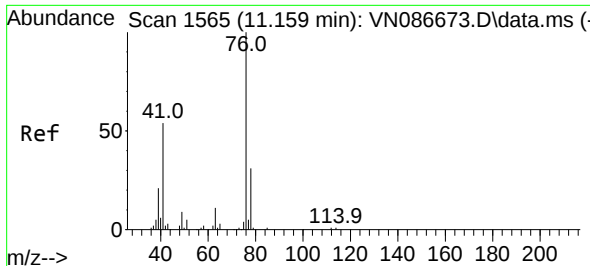
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#56
Ethyl methacrylate
Concen: 48.534 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

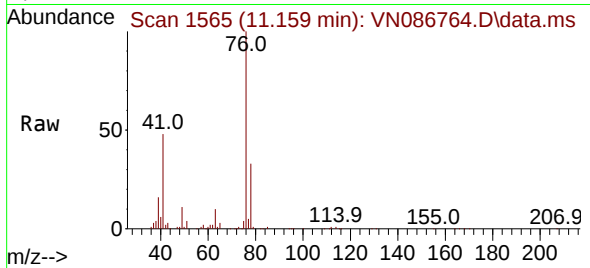
Tgt Ion: 69 Resp: 242149
Ion Ratio Lower Upper
69 100
41 52.8 47.4 71.0
39 24.5 24.0 36.0





#57
1,3-Dichloropropane
Concen: 45.789 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

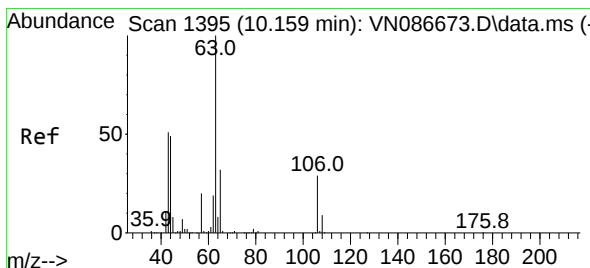
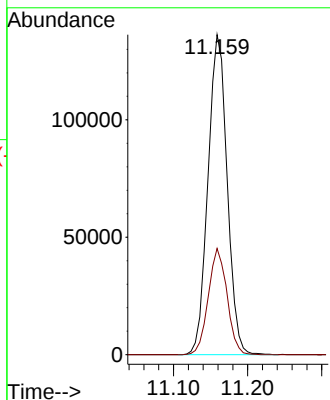
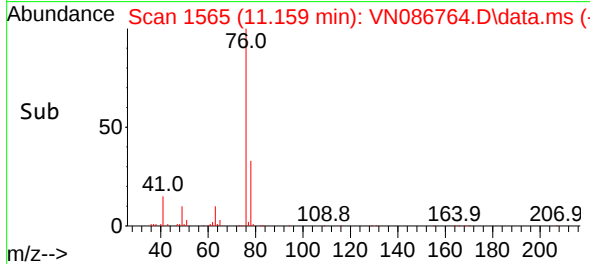
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



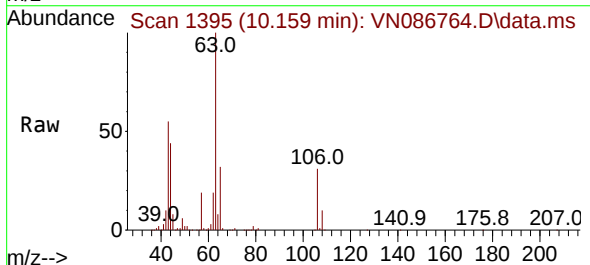
Tgt Ion: 76 Resp: 245127
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
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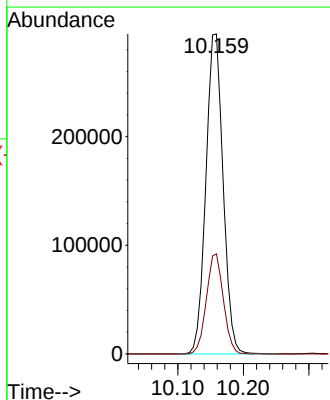
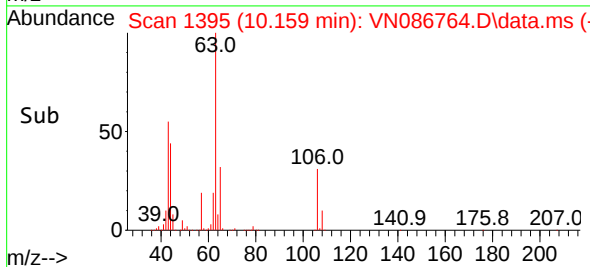
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

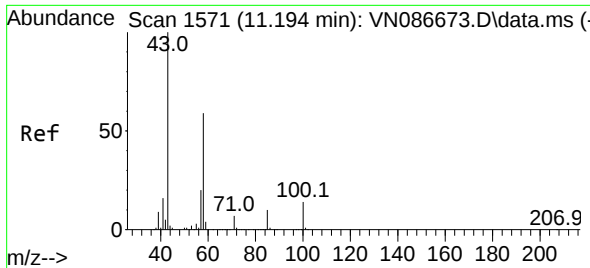


#58
2-Chloroethyl Vinyl ether
Concen: 241.003 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



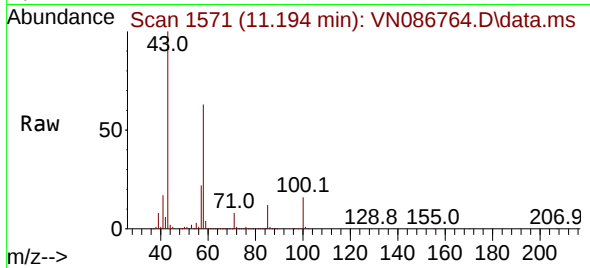
Tgt Ion: 63 Resp: 537403
Ion Ratio Lower Upper
63 100
106 30.8 23.1 34.7





#59
2-Hexanone
Concen: 209.132 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

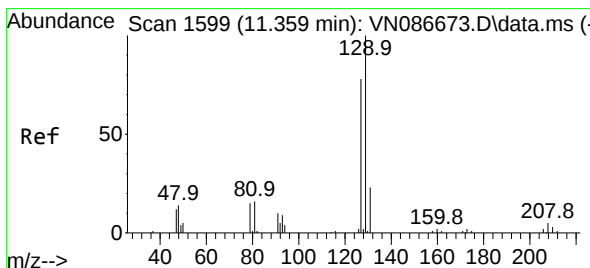
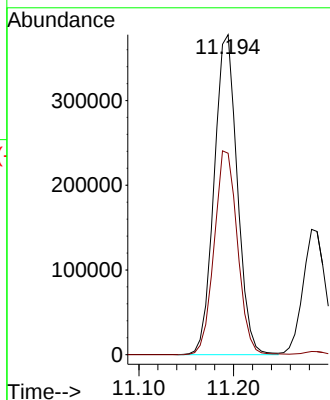
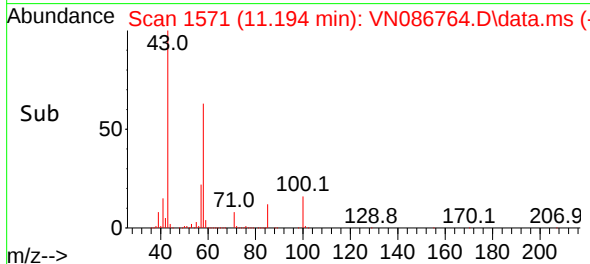
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 640775
Ion Ratio Lower Upper
43 100
58 64.2 29.8 89.5

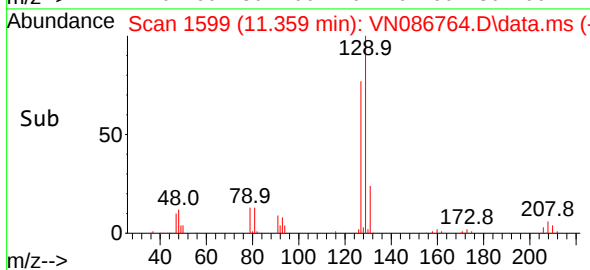
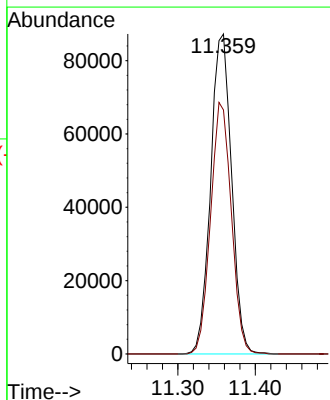
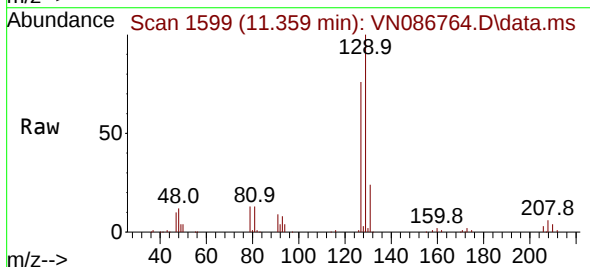
Manual Integrations
APPROVED

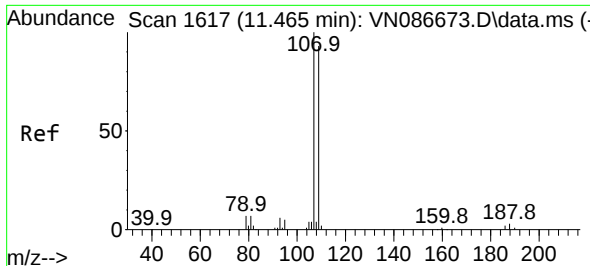
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 50.329 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion:129 Resp: 163902
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.3





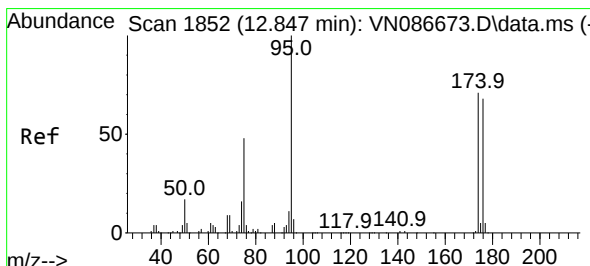
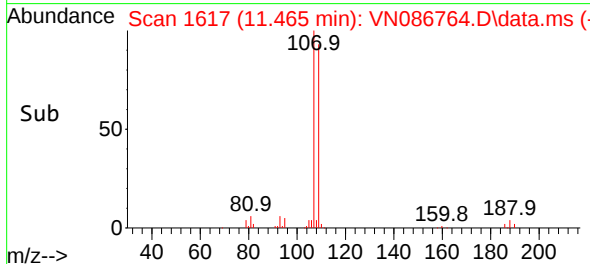
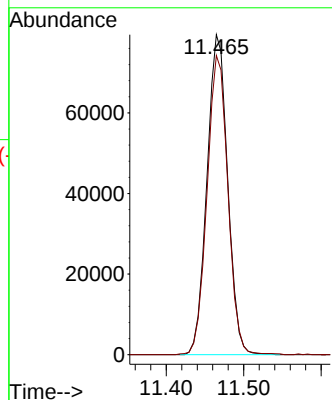
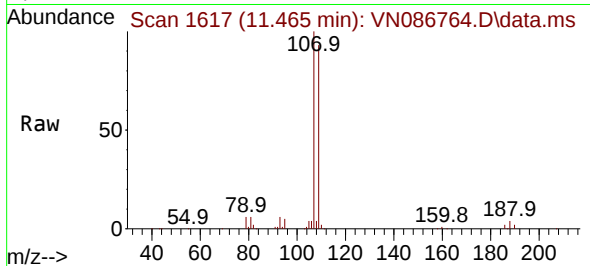
#61
1,2-Dibromoethane
Concen: 47.106 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 147090
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.4

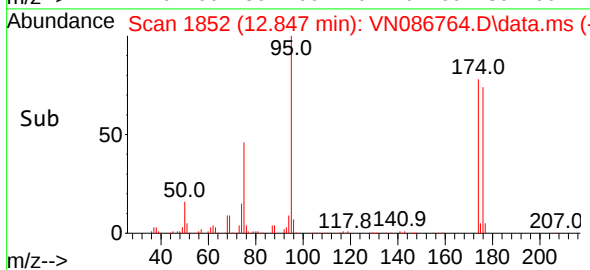
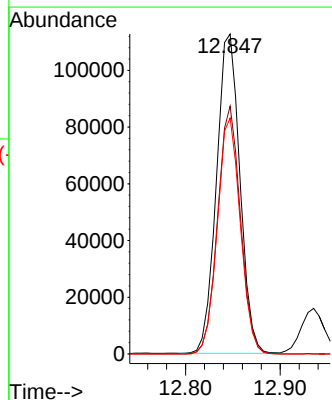
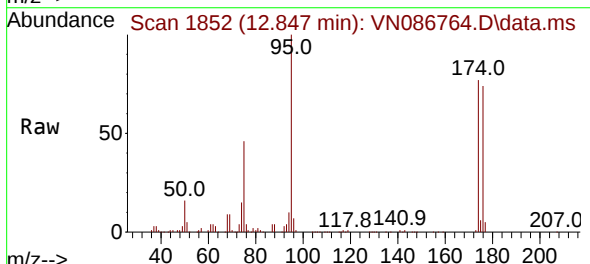
Manual Integrations
APPROVED

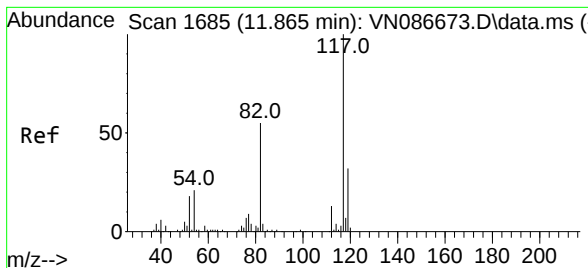
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#62
4-Bromofluorobenzene
Concen: 47.426 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

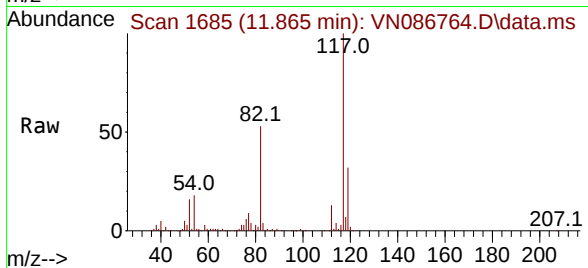
Tgt Ion: 95 Resp: 193298
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.4
176 72.4 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

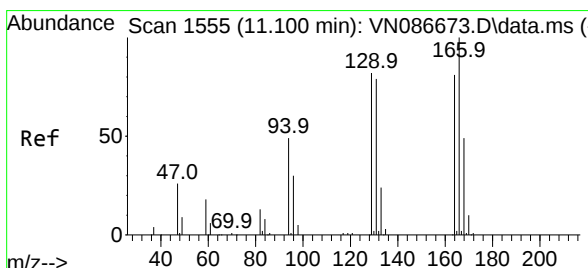
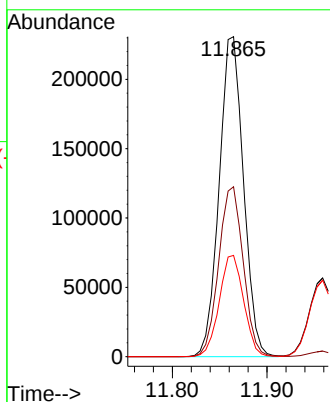
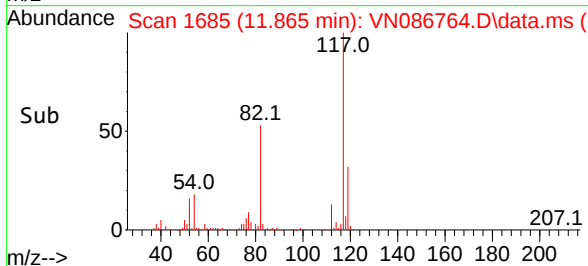
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 412400
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.7 25.4 38.2

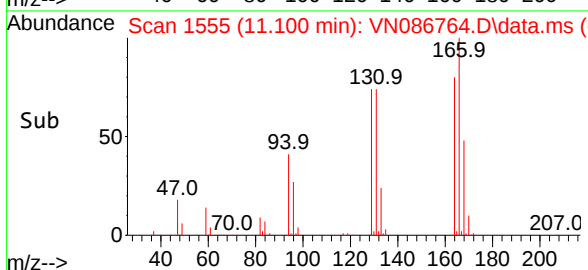
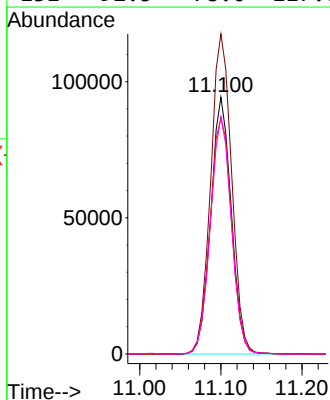
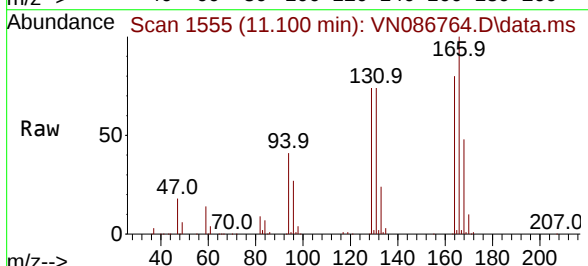
Manual Integrations
APPROVED

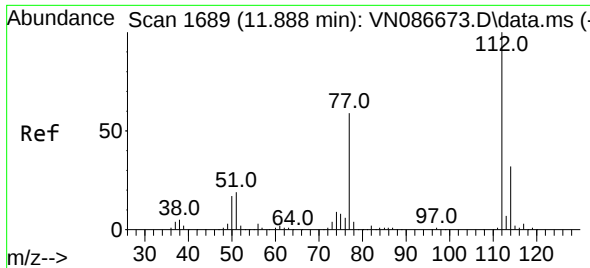
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#64
Tetrachloroethene
Concen: 52.422 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion:164 Resp: 165615
Ion Ratio Lower Upper
164 100
166 124.6 98.2 147.4
129 91.9 81.0 121.4
131 92.5 78.0 117.0





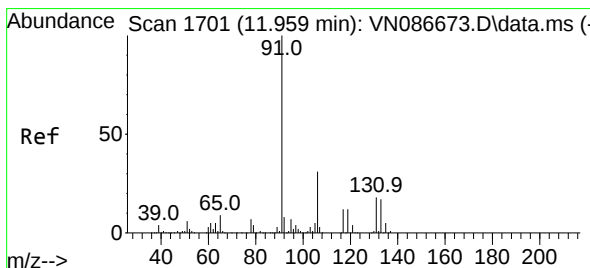
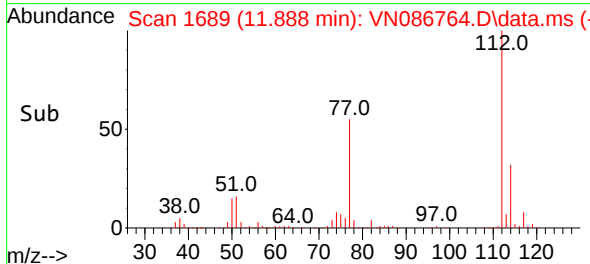
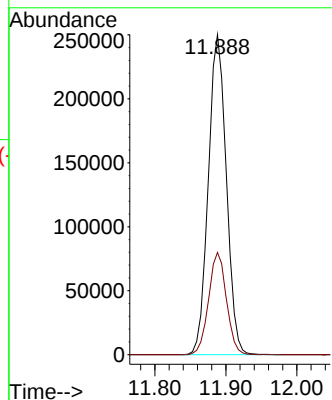
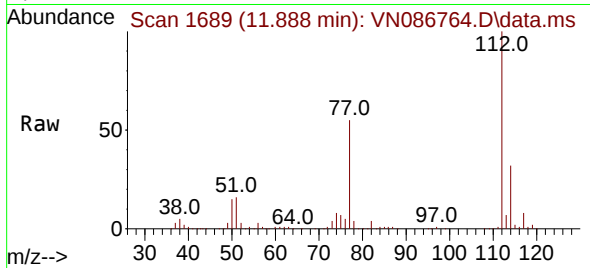
#65
Chlorobenzene
Concen: 48.732 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 440702
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9

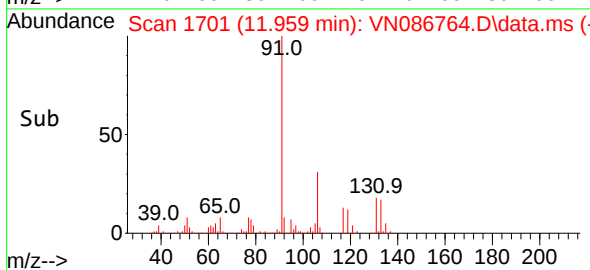
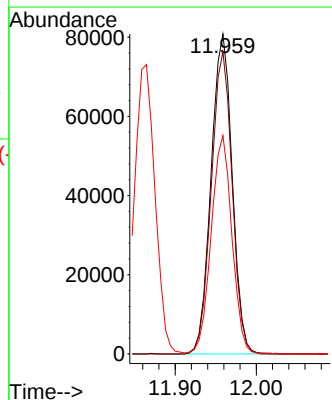
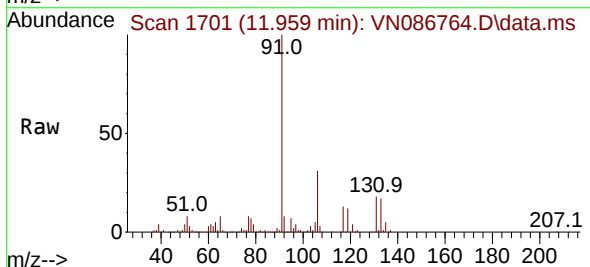
Manual Integrations
APPROVED

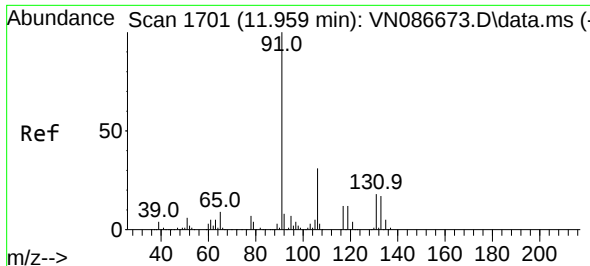
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.987 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

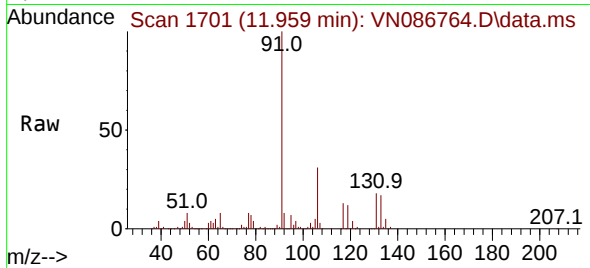
Tgt Ion:131 Resp: 145933
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.7
119 67.0 33.6 100.8





#67
Ethyl Benzene
Concen: 48.160 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

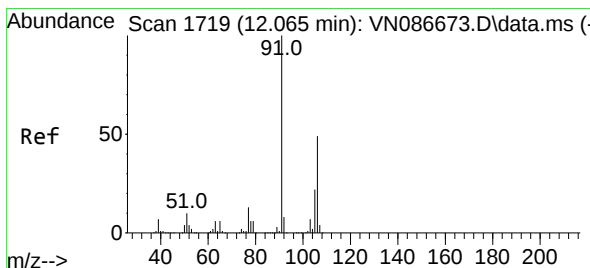
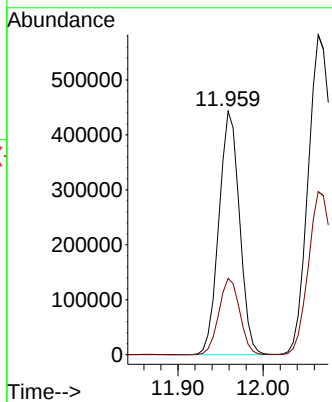
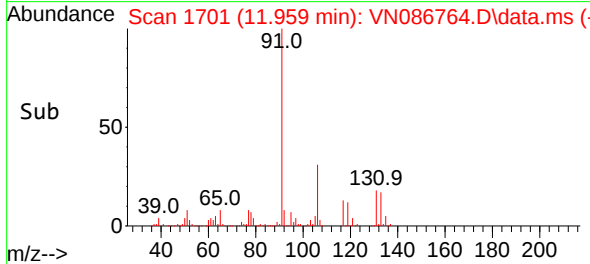
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 745990
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

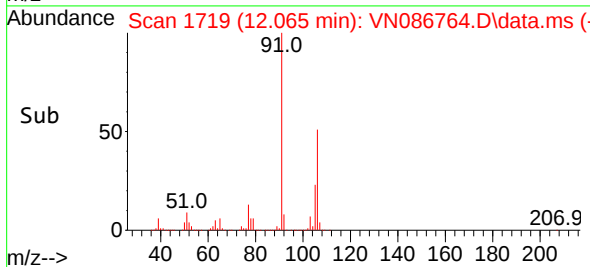
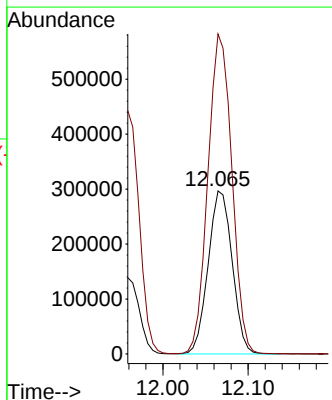
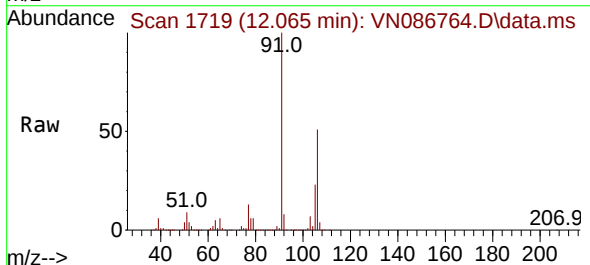
Manual Integrations
APPROVED

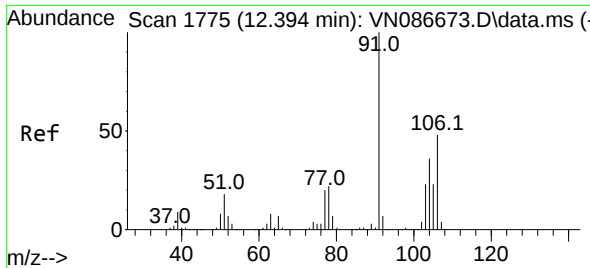
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#68
m/p-Xylenes
Concen: 99.190 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion:106 Resp: 581942
Ion Ratio Lower Upper
106 100
91 195.9 162.4 243.6





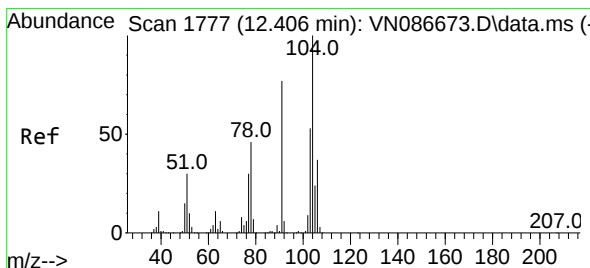
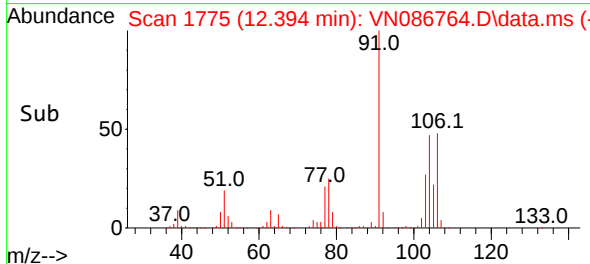
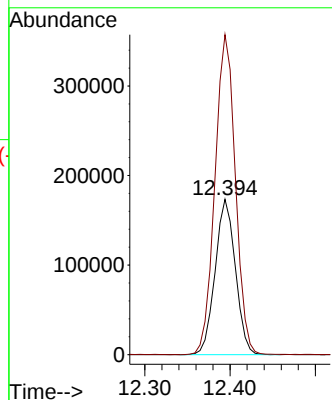
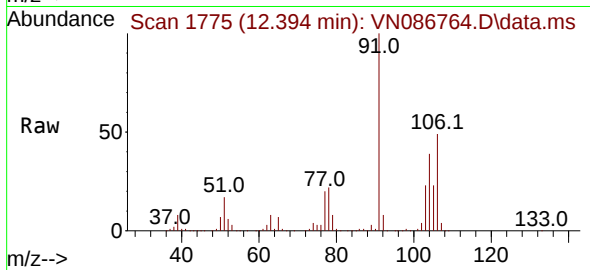
#69
o-Xylene
Concen: 49.073 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 286232
Ion Ratio Lower Upper
106 100
91 208.3 105.1 315.1

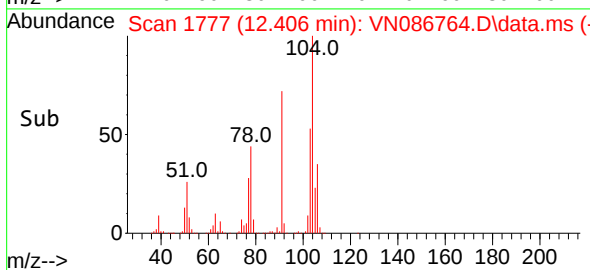
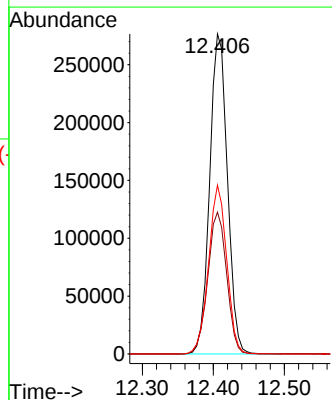
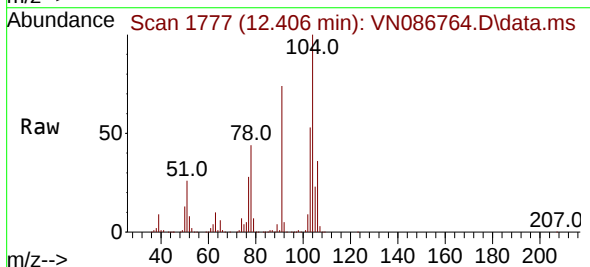
Manual Integrations
APPROVED

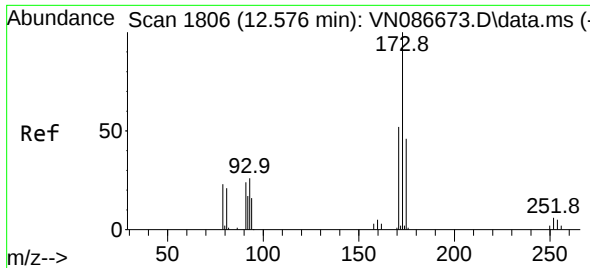
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 50.206 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

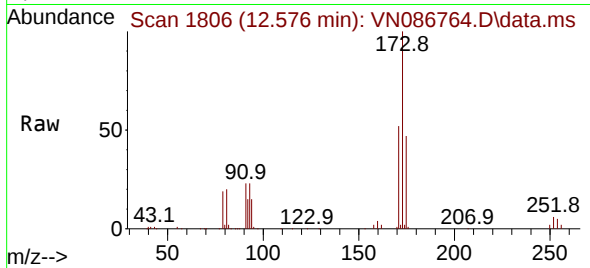
Tgt Ion:104 Resp: 479439
Ion Ratio Lower Upper
104 100
78 47.2 39.0 58.6
103 54.1 43.8 65.8





#71
Bromoform
Concen: 51.877 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

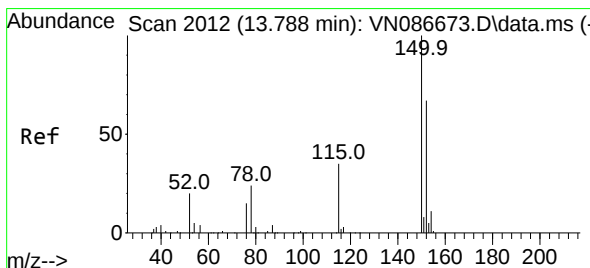
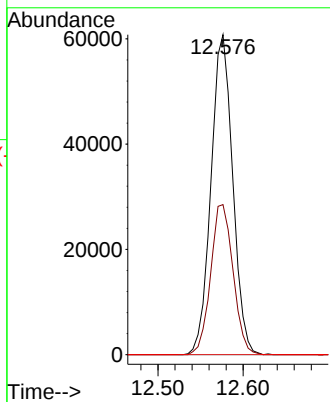
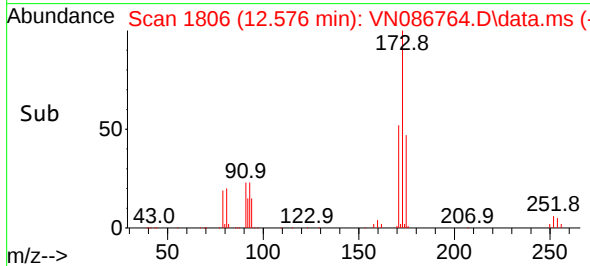
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



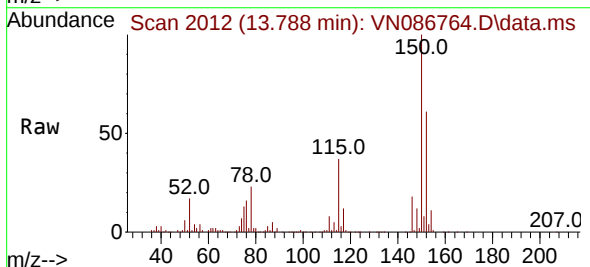
Tgt Ion:173 Resp: 107709
Ion Ratio Lower Upper
173 100
175 48.4 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

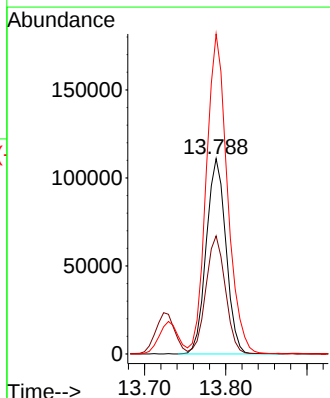
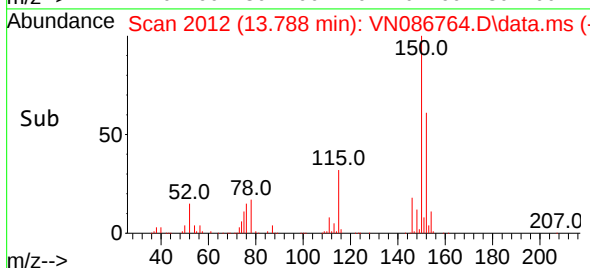
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

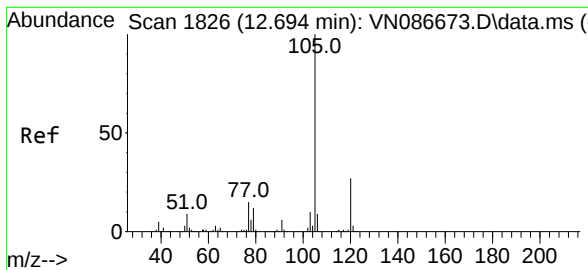


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



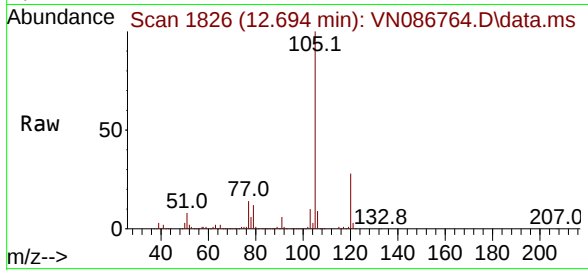
Tgt Ion:152 Resp: 186726
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.1
150 175.3 0.0 347.8





#73
Isopropylbenzene
Concen: 47.509 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

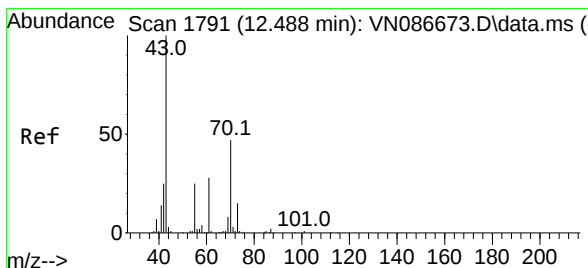
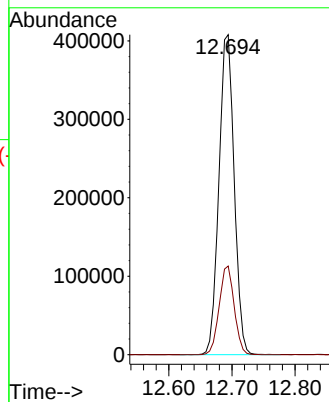
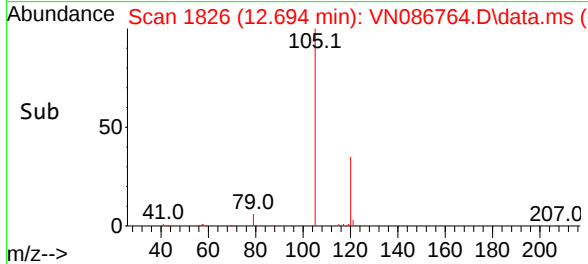
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 685164
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1

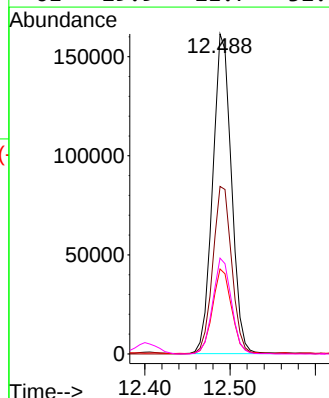
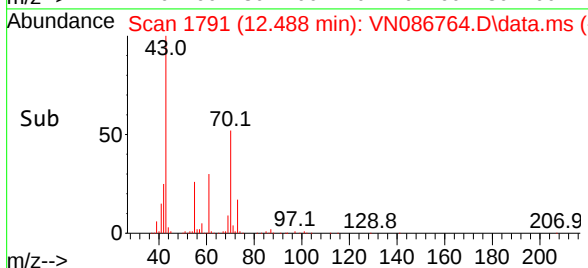
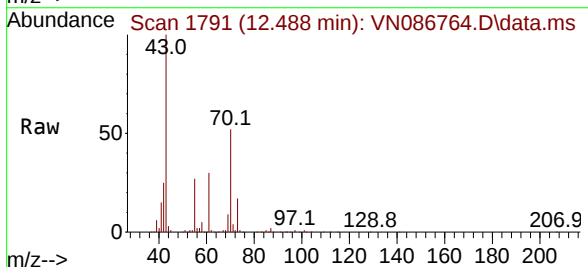
Manual Integrations
APPROVED

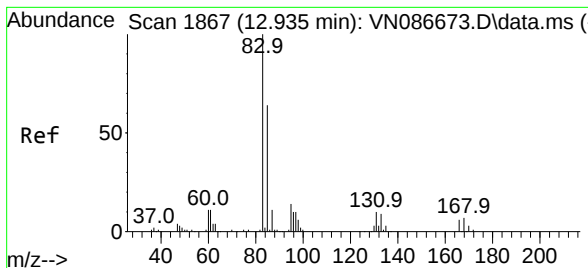
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#74
N-ethyl acetate
Concen: 40.873 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion: 43 Resp: 246282
Ion Ratio Lower Upper
43 100
70 53.0 37.9 56.9
55 26.8 20.5 30.7
61 29.9 21.7 32.5





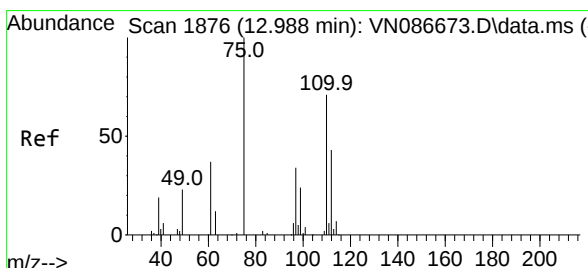
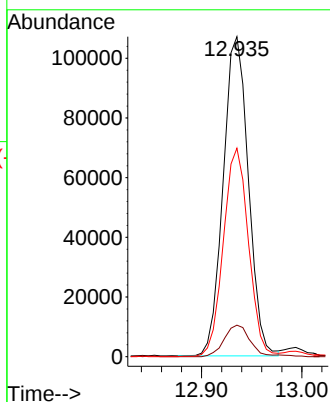
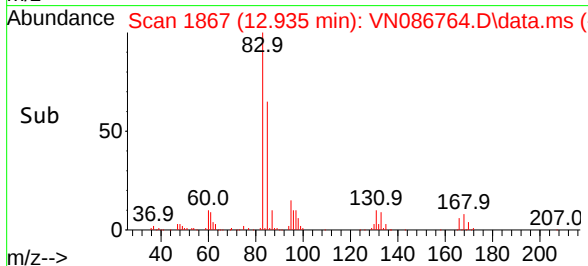
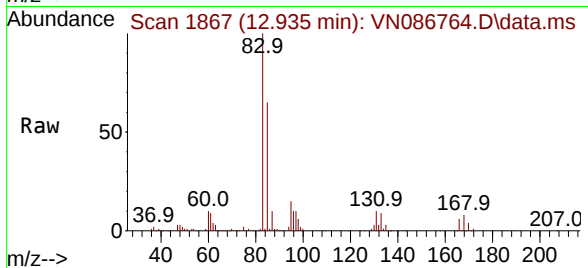
#75
1,1,2,2-Tetrachloroethane
Concen: 42.130 ug/l
RT: 12.935 min Scan# 186659
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 186659
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.2 32.4 97.2

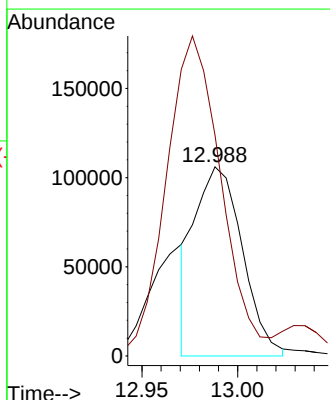
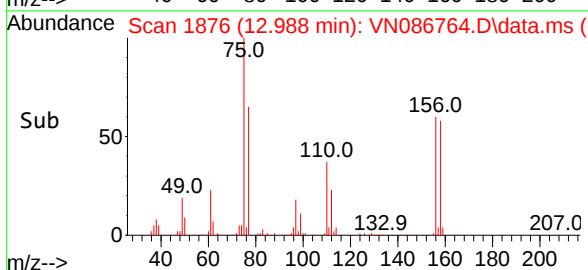
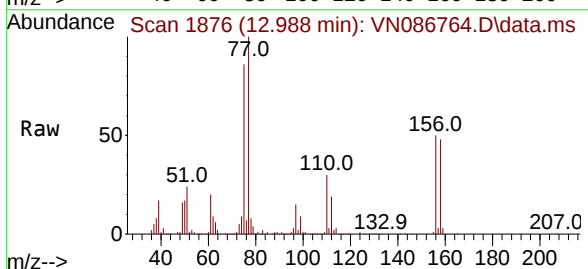
Manual Integrations
APPROVED

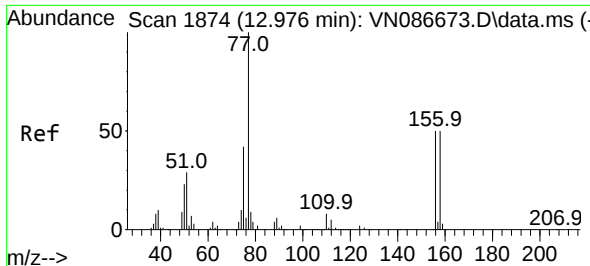
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#76
1,2,3-Trichloropropane
Concen: 43.314 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

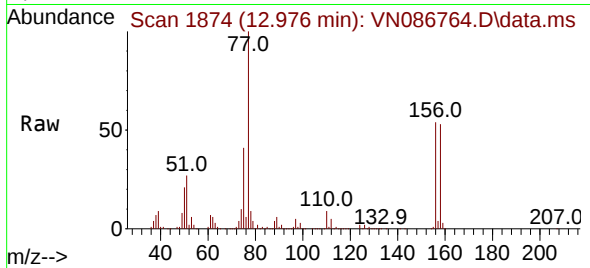
Tgt Ion: 75 Resp: 182913
Ion Ratio Lower Upper
75 100
77 196.2 96.0 288.1





#77
Bromobenzene
Concen: 47.449 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

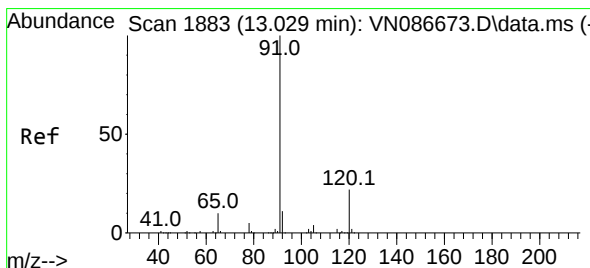
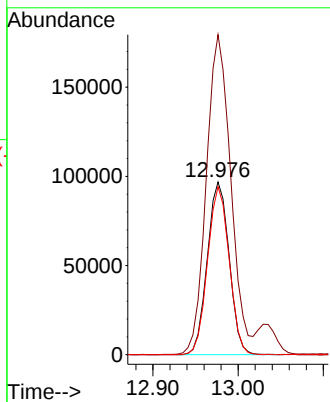
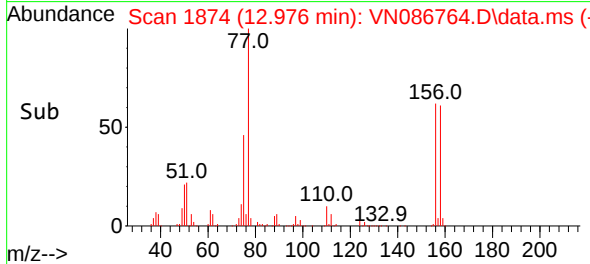
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



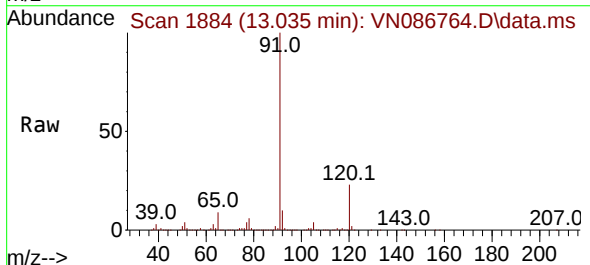
Tgt Ion:156 Resp: 172133
Ion Ratio Lower Upper
156 100
77 208.5 113.1 339.2
158 96.2 48.6 145.9

Manual Integrations
APPROVED

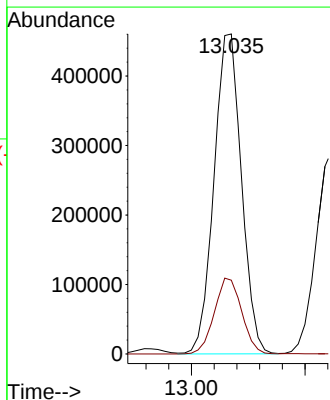
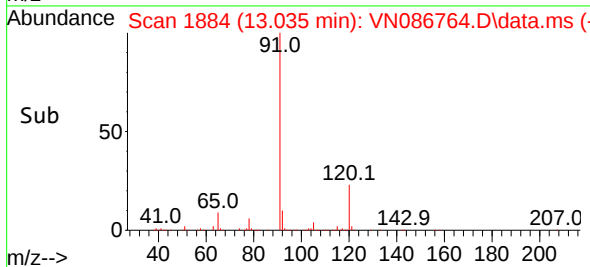
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

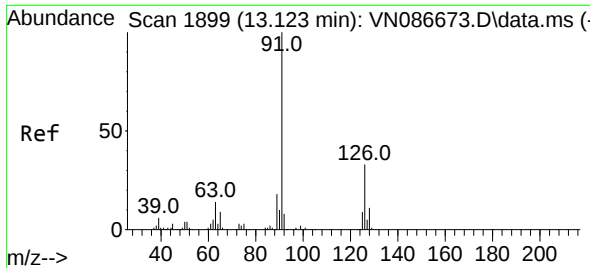


#78
n-propylbenzene
Concen: 46.694 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



Tgt Ion: 91 Resp: 772807
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.1





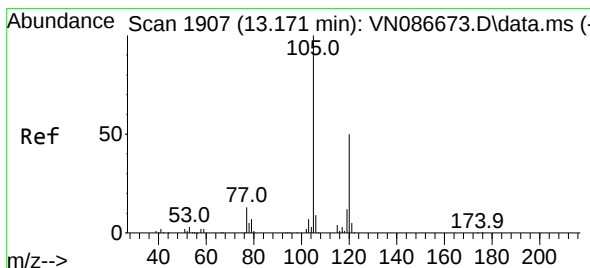
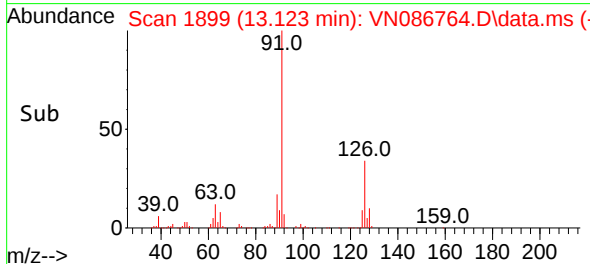
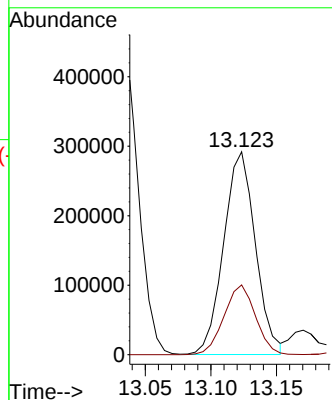
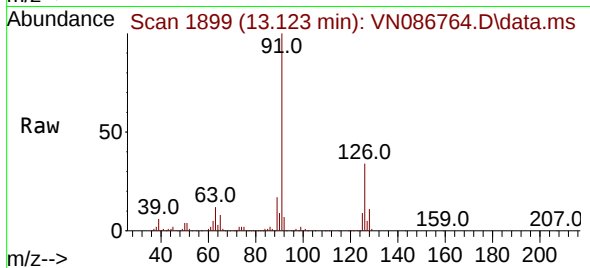
#79
2-Chlorotoluene
Concen: 45.718 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 49197
Ion Ratio Lower Upper
91 100
126 34.1 16.6 49.7

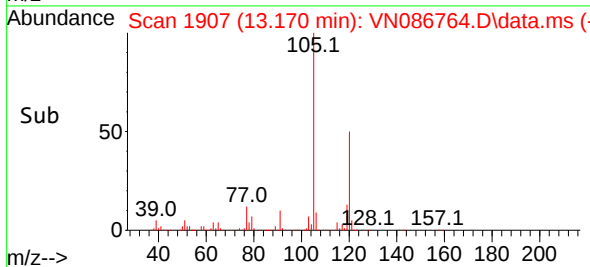
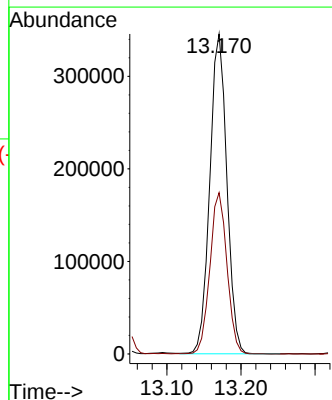
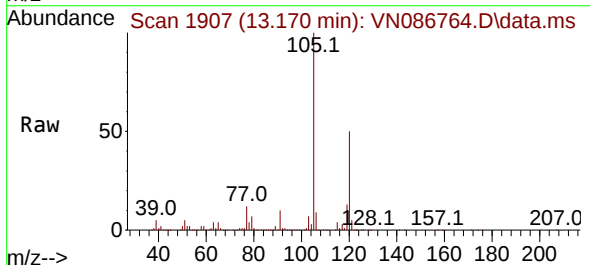
Manual Integrations
APPROVED

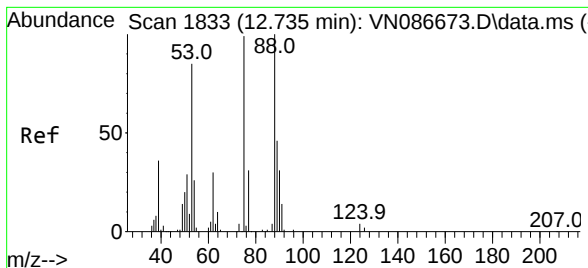
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.706 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

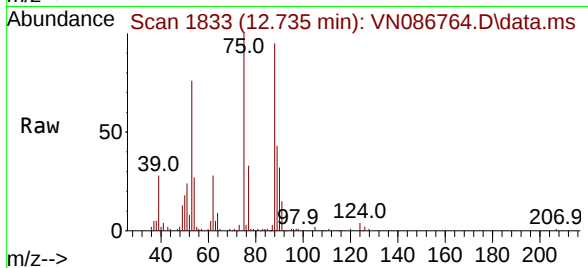
Tgt Ion:105 Resp: 551209
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.041 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

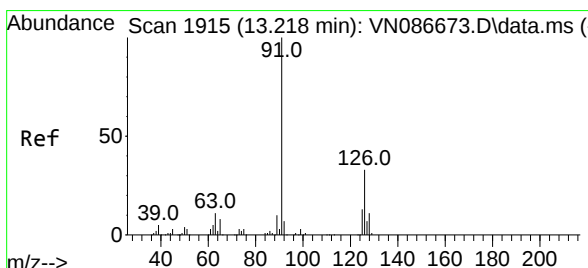
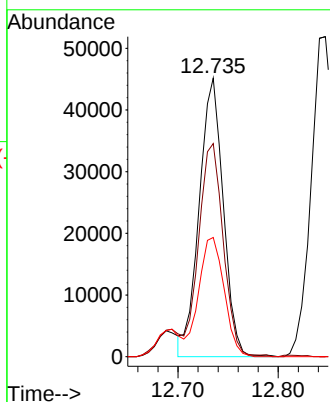
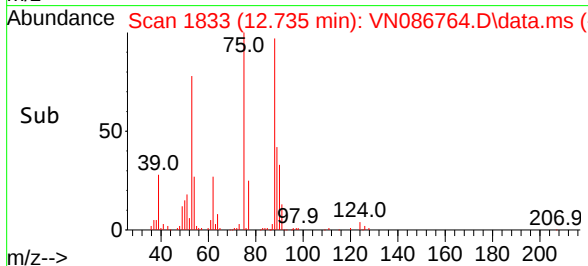
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 75369
Ion Ratio Lower Upper
75 100
53 77.6 70.4 105.6
89 45.0 32.4 48.6

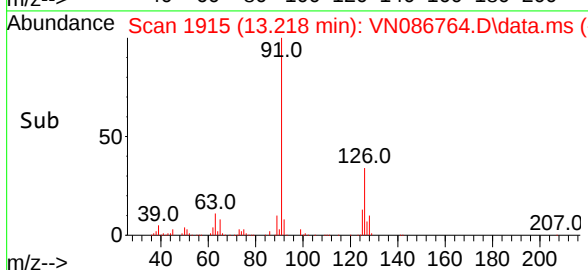
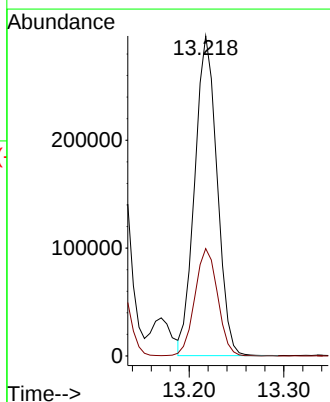
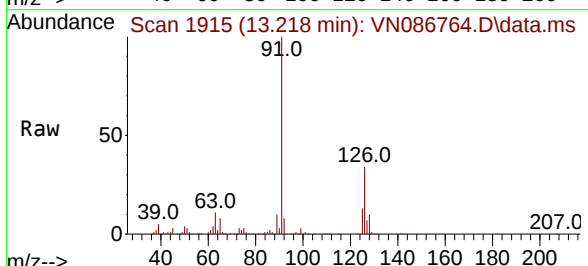
Manual Integrations
APPROVED

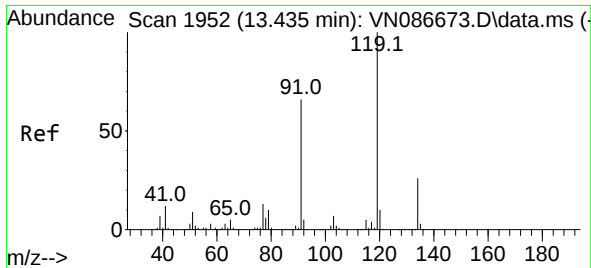
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 45.508 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

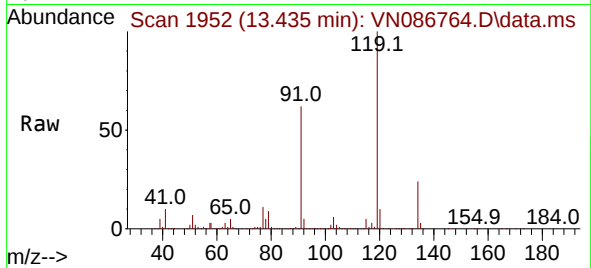
Tgt Ion: 91 Resp: 485173
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83
tert-Butylbenzene
Concen: 48.060 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

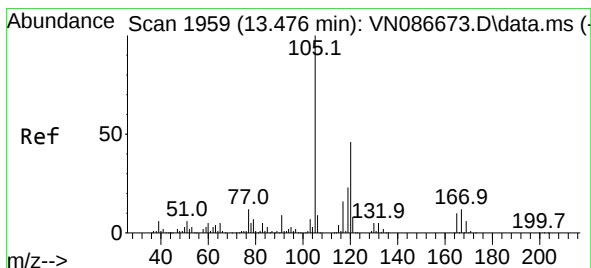
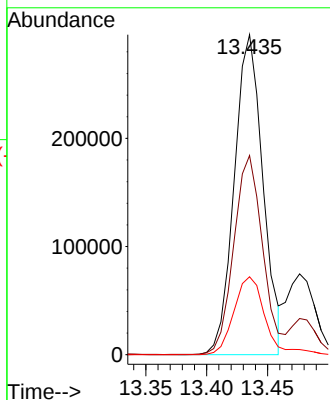
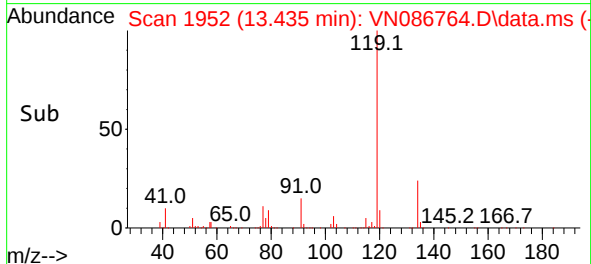
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



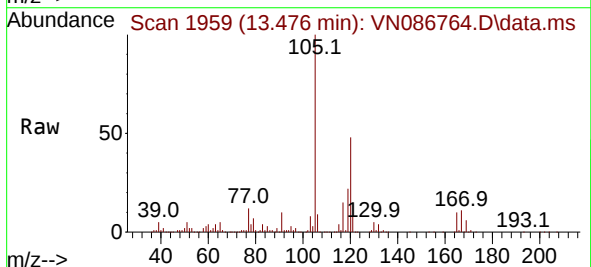
Tgt Ion:119 Resp: 484260
Ion Ratio Lower Upper
119 100
91 63.2 32.9 98.7
134 26.6 13.4 40.1

Manual Integrations
APPROVED

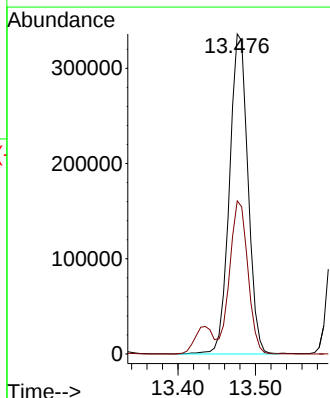
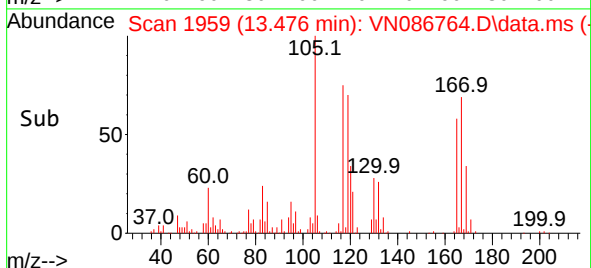
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

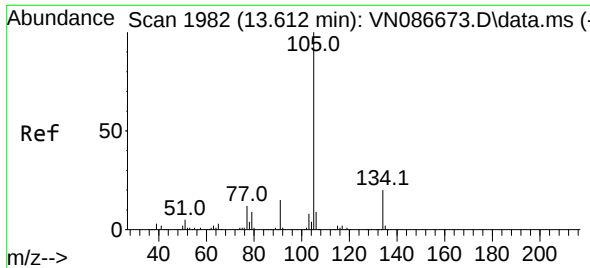


#84
1,2,4-Trimethylbenzene
Concen: 48.458 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



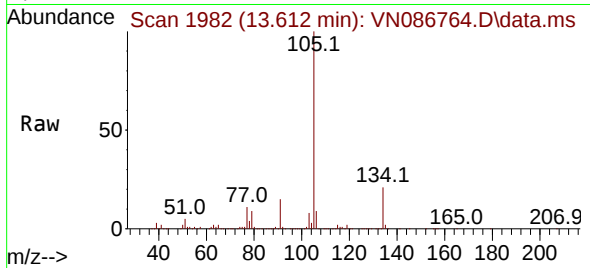
Tgt Ion:105 Resp: 557561
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 47.957 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43

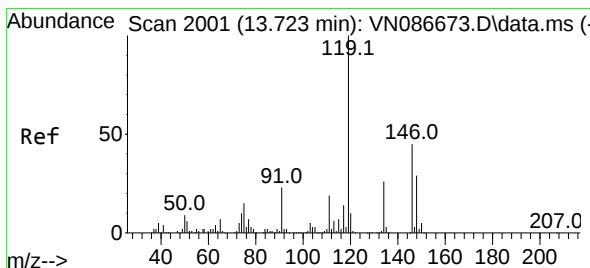
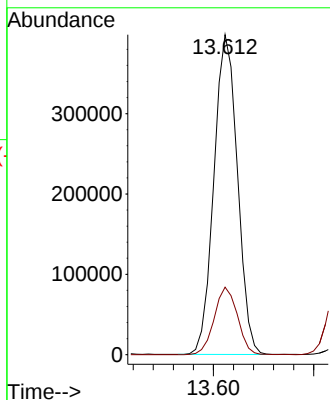
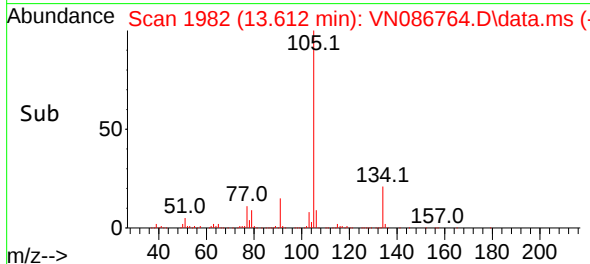
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



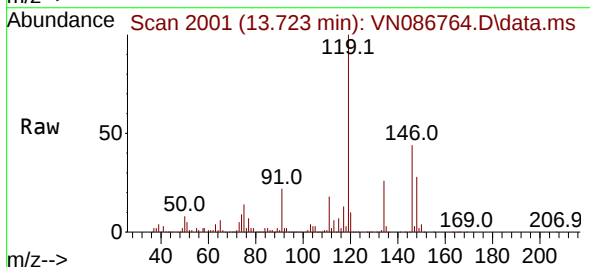
Tgt Ion:105 Resp: 647944
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1

Manual Integrations
 APPROVED

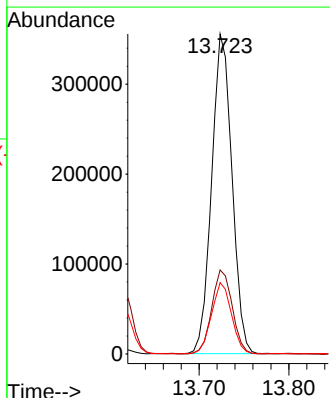
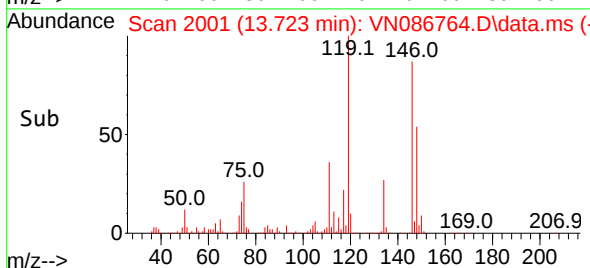
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

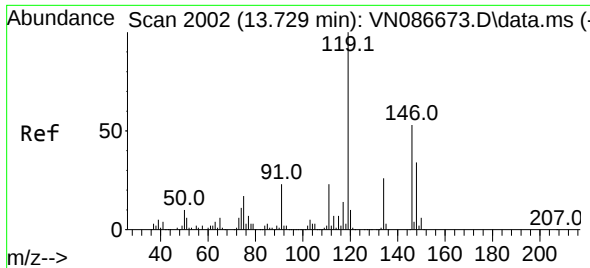


#86
 p-Isopropyltoluene
 Concen: 50.455 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086764.D
 Acq: 22 May 2025 14:43



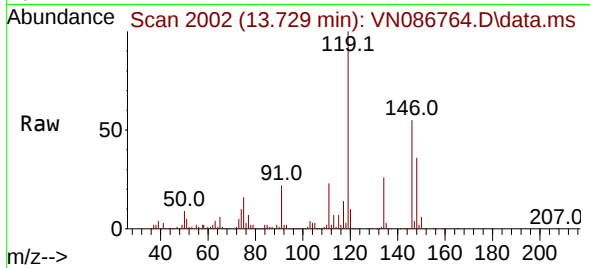
Tgt Ion:119 Resp: 558772
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 21.9 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 48.331 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

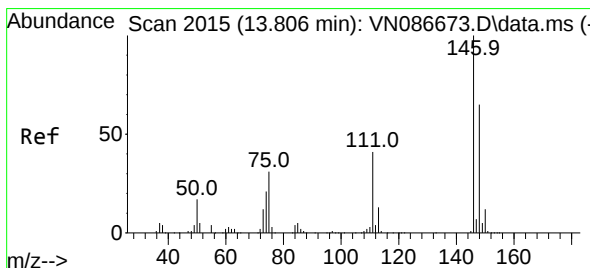
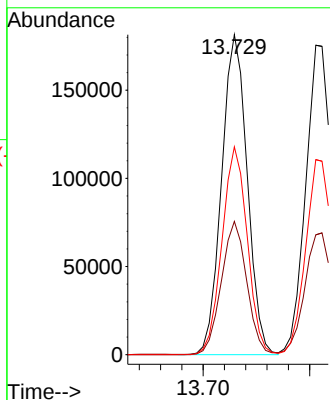
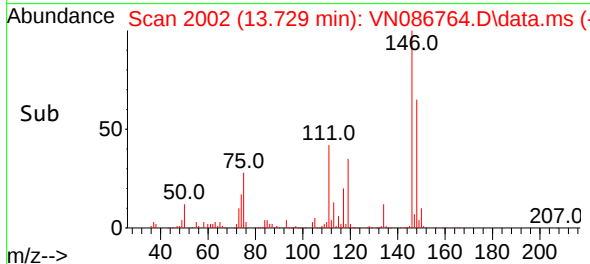
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



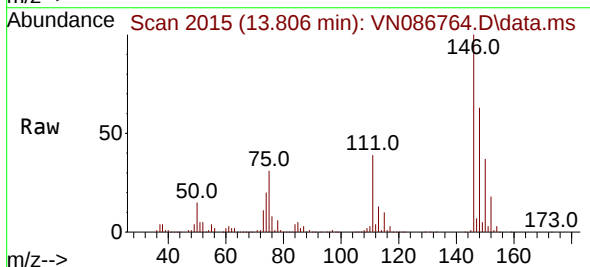
Tgt Ion:146 Resp: 303612
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.7
148 64.0 31.8 95.4

Manual Integrations
APPROVED

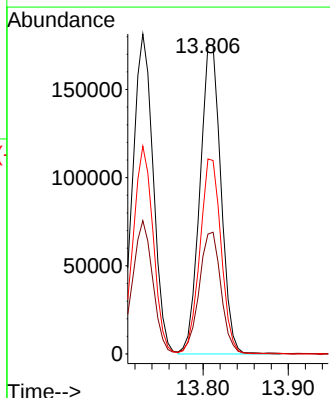
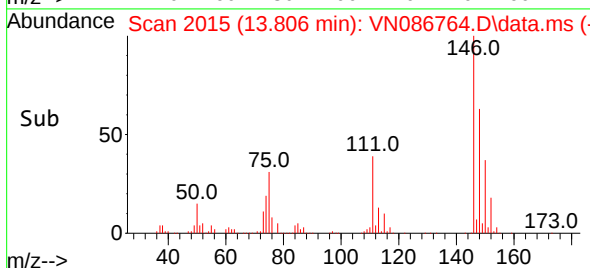
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

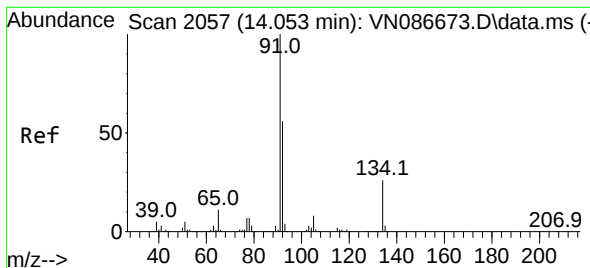


#88
1,4-Dichlorobenzene
Concen: 48.275 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43



Tgt Ion:146 Resp: 300468
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 49.697 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

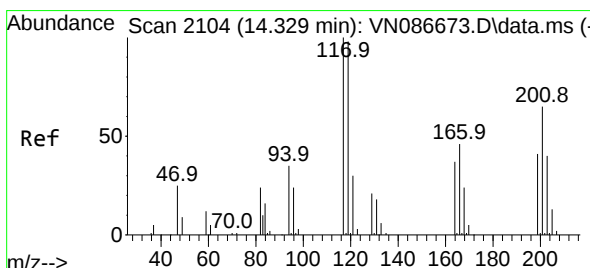
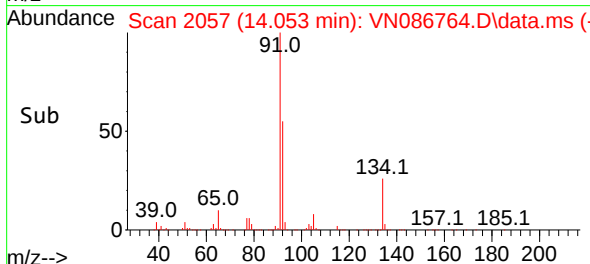
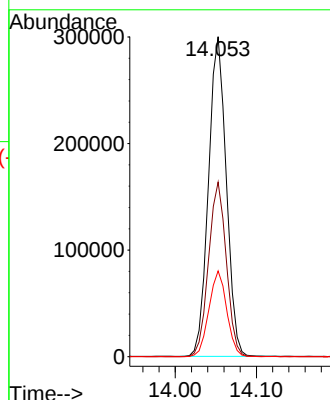
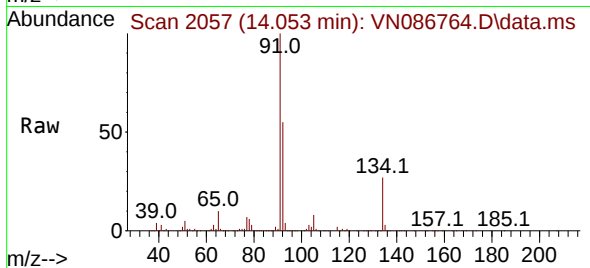
Tgt Ion:	91	Resp:	456268
Ion Ratio	Lower	Upper	
91	100		
92	54.6	27.4	82.0
134	26.9	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#90

Hexachloroethane

Concen: 49.119 ug/l

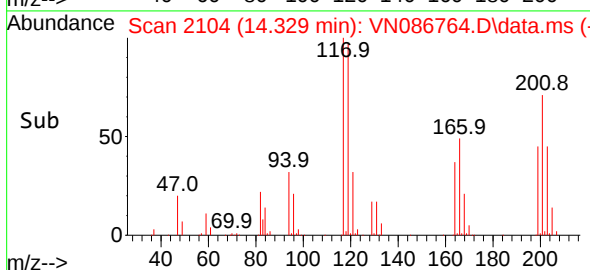
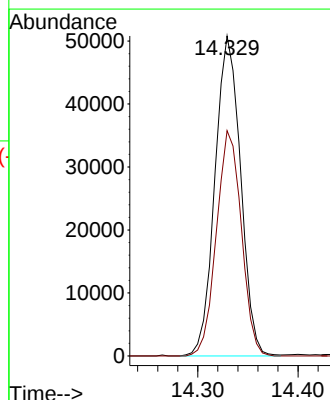
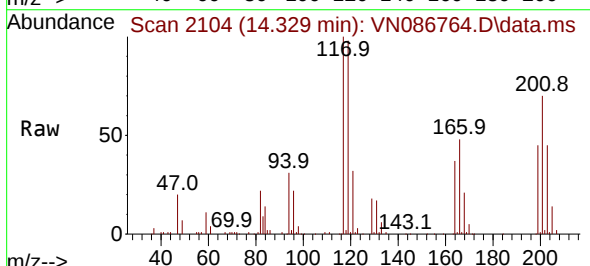
RT: 14.329 min Scan# 2104

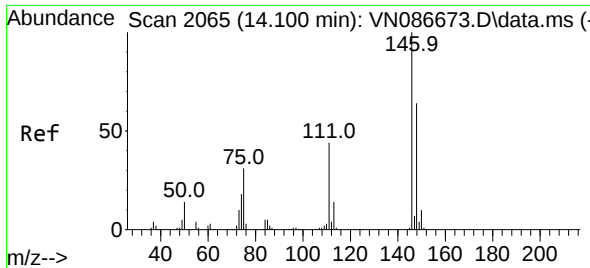
Delta R.T. -0.000 min

Lab File: VN086764.D

Acq: 22 May 2025 14:43

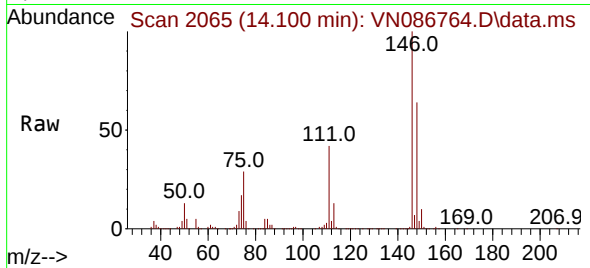
Tgt Ion:	117	Resp:	90257
Ion Ratio	Lower	Upper	
117	100		
201	68.4	32.0	96.0





#91
1,2-Dichlorobenzene
Concen: 48.979 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

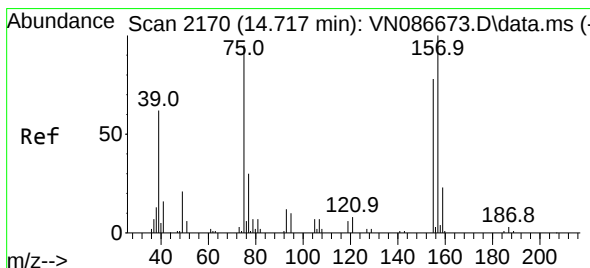
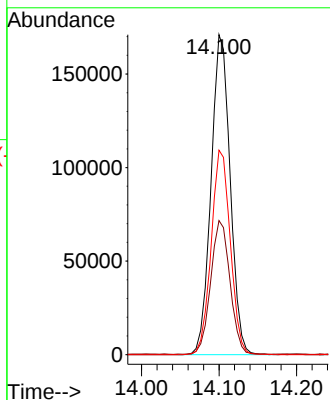
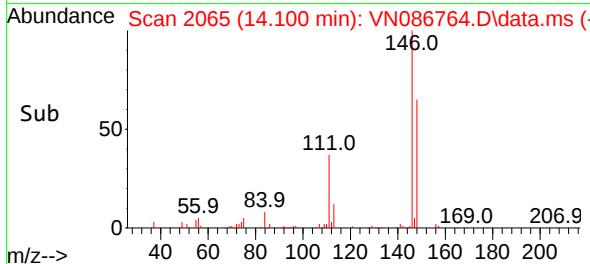
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 29265
Ion Ratio Lower Upper
146 100
111 42.3 21.6 65.0
148 64.0 31.7 95.1

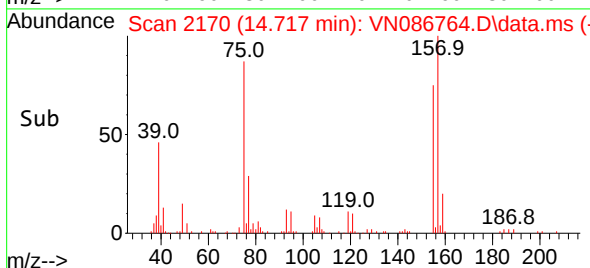
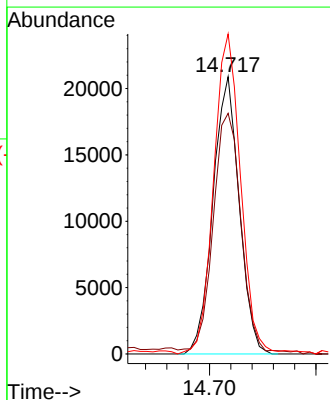
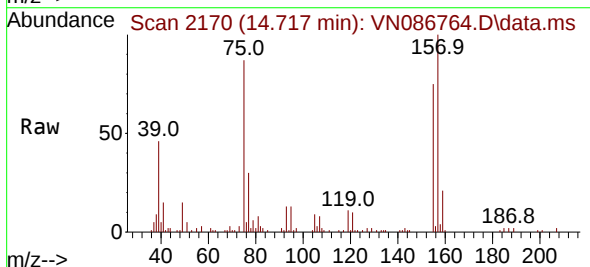
Manual Integrations
APPROVED

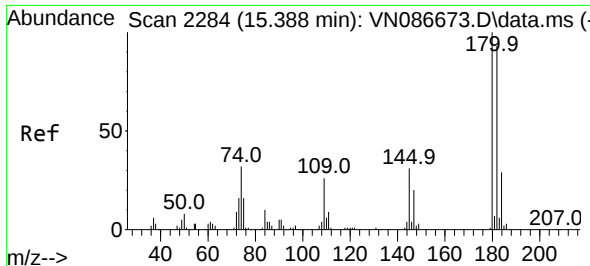
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.652 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

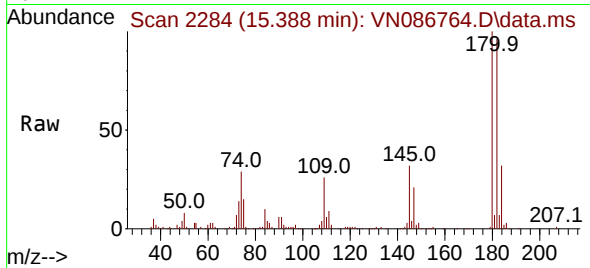
Tgt Ion: 75 Resp: 35709
Ion Ratio Lower Upper
75 100
155 93.4 40.5 121.5
157 117.8 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 56.718 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

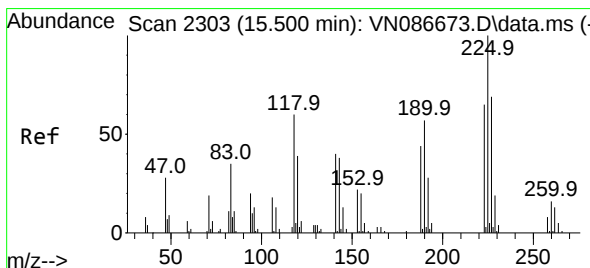
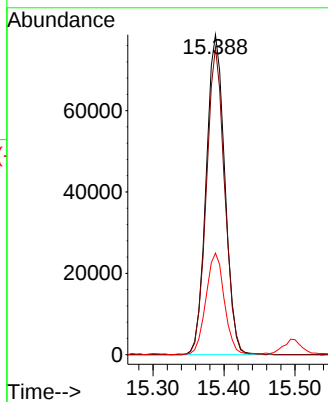
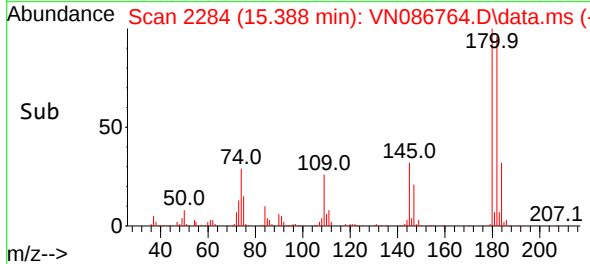
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 143050
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 31.8 15.6 46.8

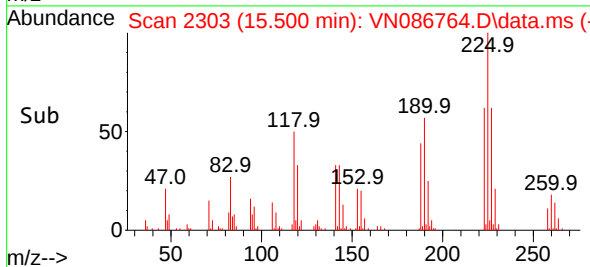
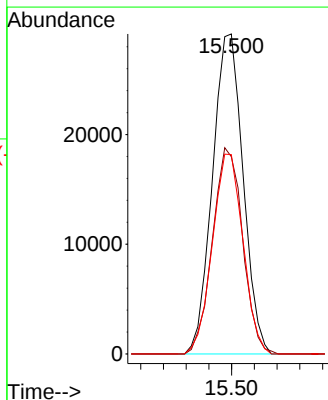
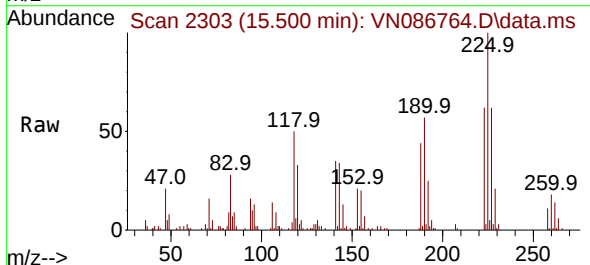
Manual Integrations
APPROVED

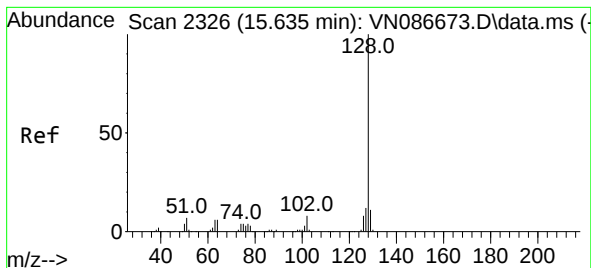
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#94
Hexachlorobutadiene
Concen: 52.107 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

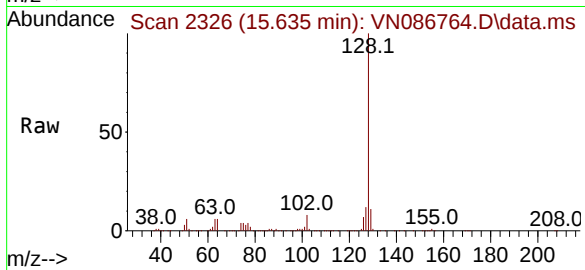
Tgt Ion:225 Resp: 54525
Ion Ratio Lower Upper
225 100
223 63.4 32.9 98.6
227 62.4 32.4 97.2





#95
Naphthalene
Concen: 58.479 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

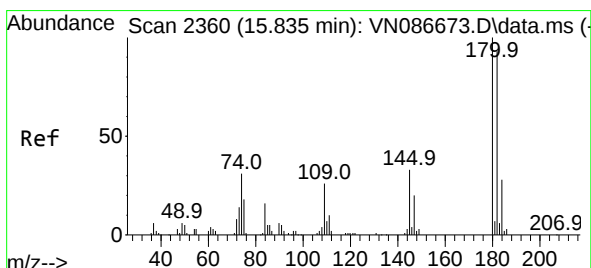
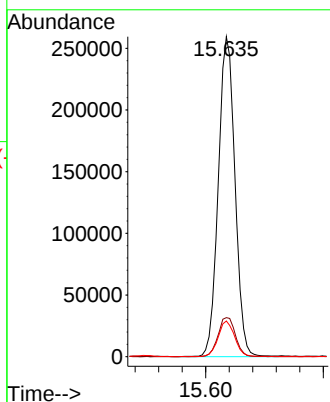
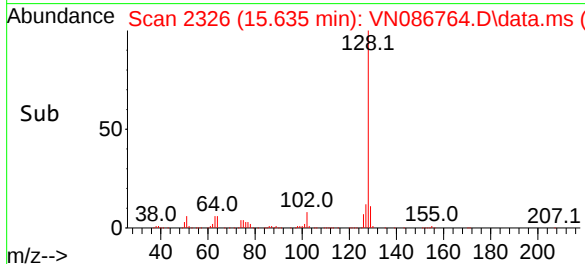
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 512110
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.150 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086764.D
Acq: 22 May 2025 14:43

Tgt Ion:180 Resp: 133744
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 34.3 16.7 50.1

