

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086671.D
 Acq On : 16 May 2025 17:19
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: May 17 00:13:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	25122	9.141	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.280%#		
35) Dibromofluoromethane	8.159	113	20087	11.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	23.220%#		
50) Toluene-d8	10.565	98	80603	9.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.680%#		
62) 4-Bromofluorobenzene	12.847	95	28023	8.941	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	17.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	24398	10.757	ug/l	99
3) Chloromethane	2.359	50	32457	9.817	ug/l	97
4) Vinyl Chloride	2.512	62	29779	9.561	ug/l	99
5) Bromomethane	2.965	94	16825	11.623	ug/l	98
6) Chloroethane	3.118	64	19426	9.346	ug/l	92
7) Trichlorofluoromethane	3.500	101	34059	9.768	ug/l	92
8) Diethyl Ether	3.965	74	13912	9.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	20760	9.864	ug/l	97
10) Methyl Iodide	4.583	142	25084	10.666	ug/l	98
11) Tert butyl alcohol	5.524	59	24828	49.332	ug/l	96
12) 1,1-Dichloroethene	4.342	96	21501	9.579	ug/l	98
13) Acrolein	4.177	56	25323	73.840	ug/l	98
14) Allyl chloride	5.024	41	34751	8.848	ug/l	94
15) Acrylonitrile	5.724	53	60987	48.997	ug/l	98
16) Acetone	4.430	43	49424	44.862	ug/l	97
17) Carbon Disulfide	4.706	76	58965	8.778	ug/l	99
18) Methyl Acetate	5.018	43	26047	8.021	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	73019	8.908	ug/l	98
20) Methylene Chloride	5.283	84	25575	9.965	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	22422	9.539	ug/l	93
22) Diisopropyl ether	6.671	45	73555	8.584	ug/l	97
23) Vinyl Acetate	6.600	43	273527m	45.155	ug/l	
24) 1,1-Dichloroethane	6.565	63	42997	9.421	ug/l	98
25) 2-Butanone	7.482	43	75976	44.487	ug/l	100
26) 2,2-Dichloropropane	7.488	77	35543	8.785	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	27508	9.439	ug/l	100
28) Bromochloromethane	7.812	49	19798	10.145	ug/l	99
29) Tetrahydrofuran	7.841	42	50074	43.856	ug/l	100
30) Chloroform	7.959	83	42323	9.413	ug/l	96
31) Cyclohexane	8.259	56	40462	9.148	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	36234	9.412	ug/l	94
36) 1,1-Dichloropropene	8.371	75	30748	9.561	ug/l	99
37) Ethyl Acetate	7.559	43	30656	9.064	ug/l	99
38) Carbon Tetrachloride	8.359	117	29903	9.712	ug/l	98
39) Methylcyclohexane	9.600	83	32439	8.573	ug/l	98
40) Benzene	8.606	78	100693	9.755	ug/l	97

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 Supervised By :Mahesh Dadoda 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	17107	8.821	ug/l	95
42) 1,2-Dichloroethane	8.665	62	31399	9.553	ug/l	100
43) Isopropyl Acetate	8.688	43	58427	7.234	ug/l	96
44) Trichloroethene	9.353	130	24877	10.137	ug/l	93
45) 1,2-Dichloropropane	9.618	63	23844	9.487	ug/l	94
46) Dibromomethane	9.706	93	16556	10.271	ug/l	98
47) Bromodichloromethane	9.888	83	32635	9.391	ug/l	98
48) Methyl methacrylate	9.676	41	23538	8.034	ug/l	96
49) 1,4-Dioxane	9.694	88	10578	204.120	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	157047	45.680	ug/l	100
52) Toluene	10.629	92	61995	9.627	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	34038	8.850	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	38382	9.072	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	22750	9.795	ug/l	97
56) Ethyl methacrylate	10.871	69	36596	8.636	ug/l	97
57) 1,3-Dichloropropane	11.159	76	39702	9.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	83758	42.087	ug/l	99
59) 2-Hexanone	11.194	43	115102	45.097	ug/l	98
60) Dibromochloromethane	11.359	129	24137	9.497	ug/l	98
61) 1,2-Dibromoethane	11.465	107	23669	10.068	ug/l	100
64) Tetrachloroethene	11.100	164	24331	10.197	ug/l	97
65) Chlorobenzene	11.888	112	68845	9.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	22204	9.708	ug/l	99
67) Ethyl Benzene	11.959	91	116022	9.322	ug/l	98
68) m/p-Xylenes	12.070	106	89159	19.076	ug/l	98
69) o-Xylene	12.394	106	43625	9.401	ug/l	96
70) Styrene	12.406	104	70053	9.099	ug/l	98
71) Bromoform	12.576	173	15340	8.916	ug/l #	96
73) Isopropylbenzene	12.694	105	103176	9.616	ug/l	100
74) N-amyl acetate	12.488	43	43684	8.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	33161	10.640	ug/l	96
76) 1,2,3-Trichloropropane	12.988	75	31781m	10.213	ug/l	
77) Bromobenzene	12.976	156	25936	10.785	ug/l	99
78) n-propylbenzene	13.035	91	115866	9.188	ug/l	99
79) 2-Chlorotoluene	13.123	91	77792	9.808	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	83733	9.534	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	11161	8.635	ug/l	96
82) 4-Chlorotoluene	13.217	91	77247	9.839	ug/l	98
83) tert-Butylbenzene	13.435	119	73503	9.647	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	83086	9.310	ug/l	98
85) sec-Butylbenzene	13.611	105	99120	9.441	ug/l	97
86) p-Isopropyltoluene	13.723	119	78078	9.023	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	45121	10.027	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	44799	9.907	ug/l	98
89) n-Butylbenzene	14.053	91	63385	8.345	ug/l	99
90) Hexachloroethane	14.329	117	13004	8.934	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	43237	9.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5136	8.321	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	17399	8.463	ug/l	99
94) Hexachlorobutadiene	15.494	225	6916	8.850	ug/l	97
95) Naphthalene	15.641	128	58965	8.080	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	17539	8.970	ug/l	99

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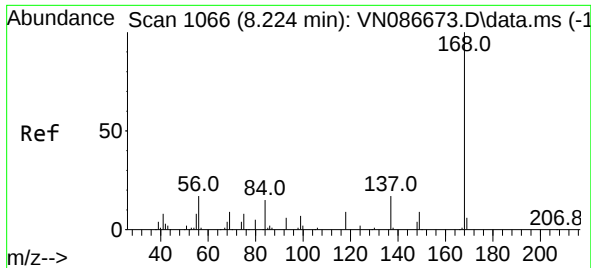
Manual Integrations
APPROVED

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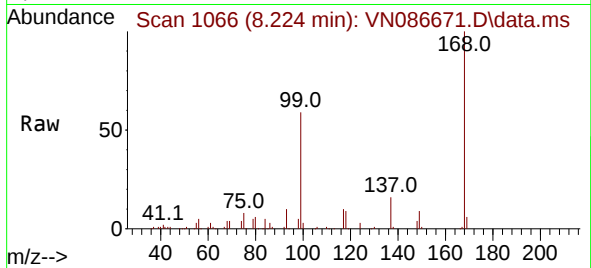
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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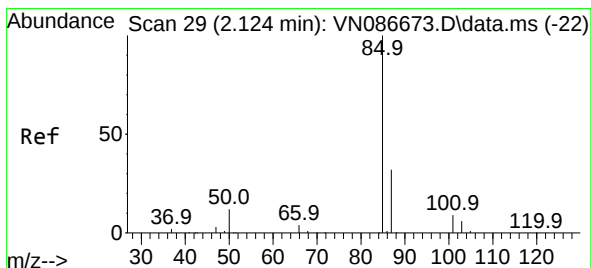
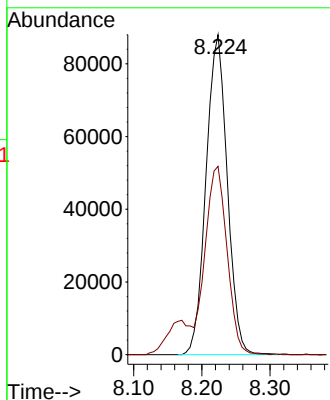
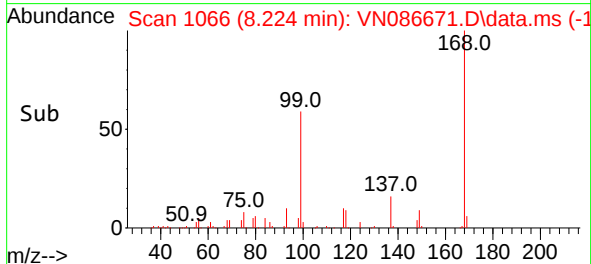
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 190888
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.4

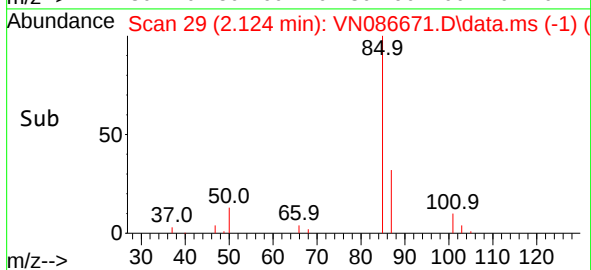
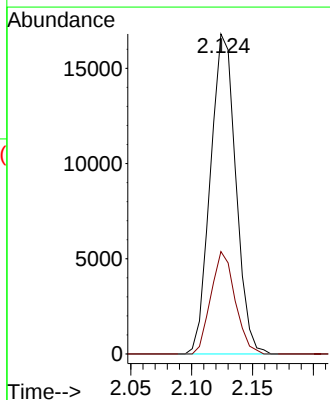
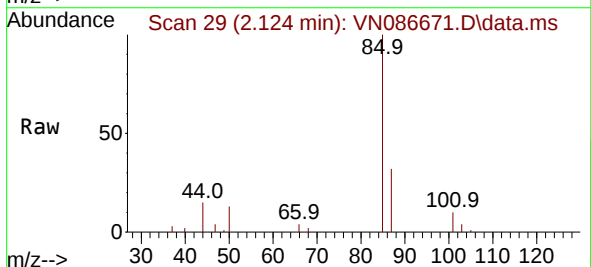
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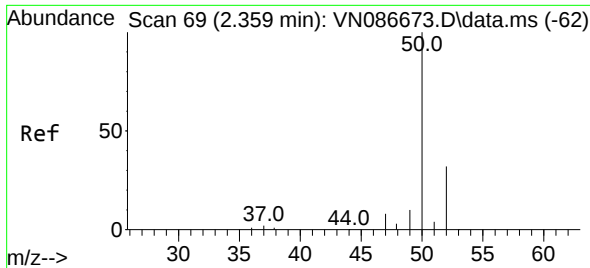
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#2
Dichlorodifluoromethane
Concen: 10.757 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 85 Resp: 24398
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.6





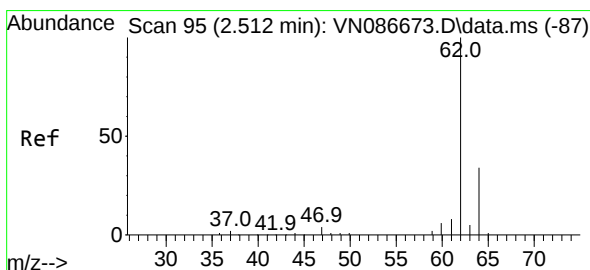
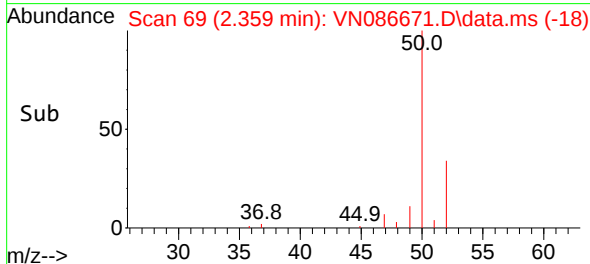
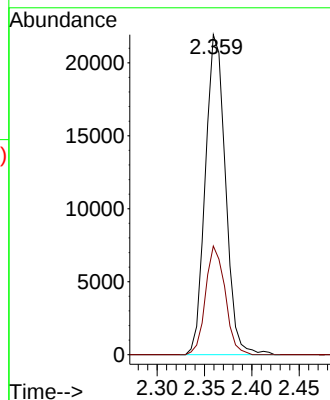
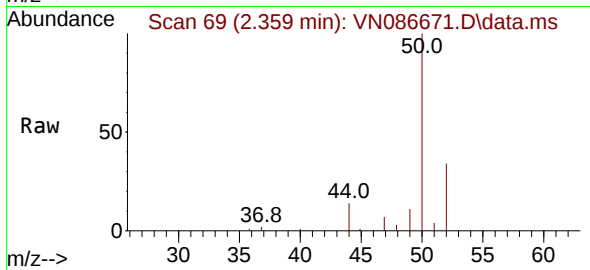
#3
Chloromethane
Concen: 9.817 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

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Tgt Ion: 50 Resp: 3245
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

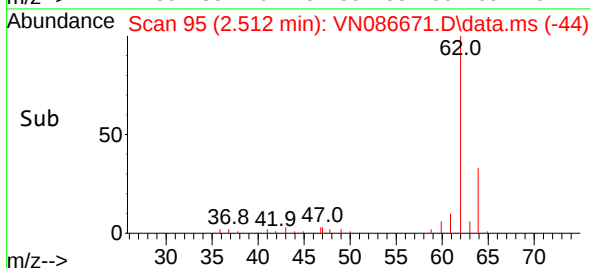
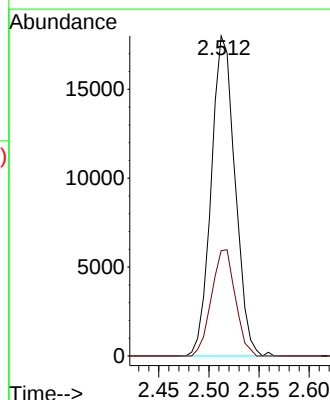
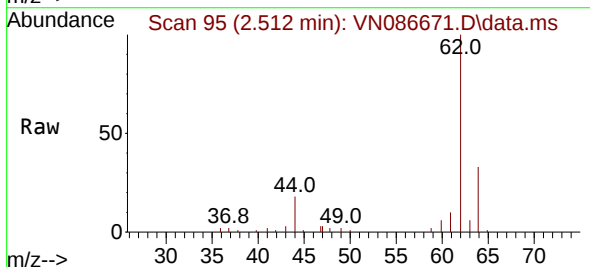
Manual Integrations
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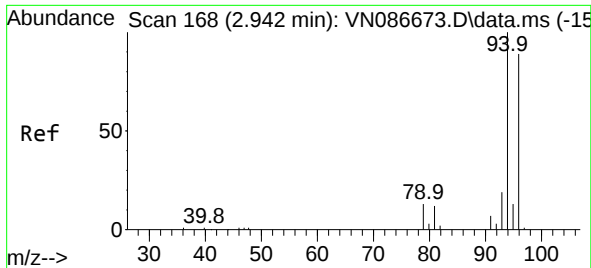
Reviewed By :John Carlone 05/19/2025
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#4
Vinyl Chloride
Concen: 9.561 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 62 Resp: 29779
Ion Ratio Lower Upper
62 100
64 32.9 26.9 40.3





#5

Bromomethane

Concen: 11.623 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.023 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 94 Resp: 1682

Ion Ratio Lower Upper

94 100

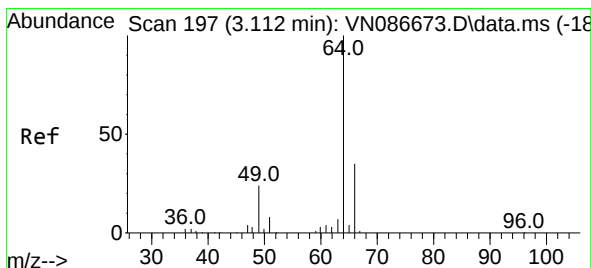
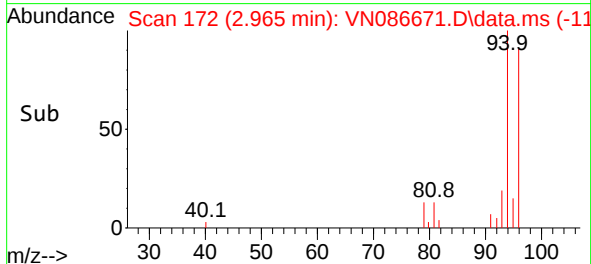
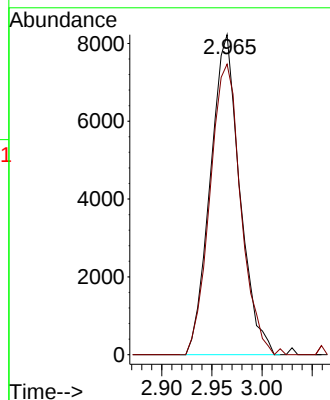
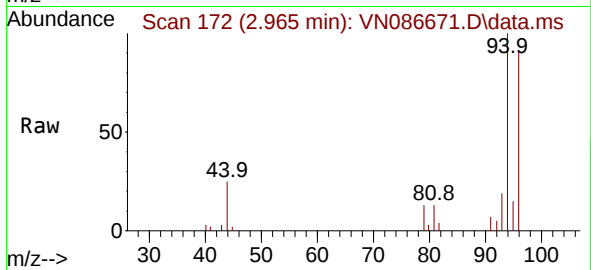
96 90.8 71.2 106.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/19/2025



#6

Chloroethane

Concen: 9.346 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN086671.D

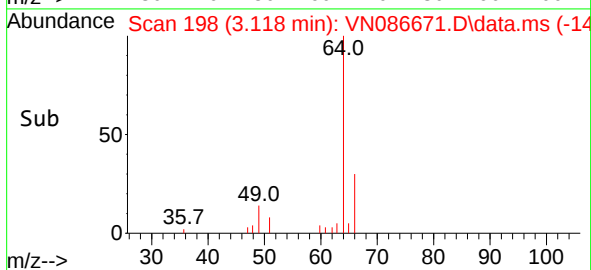
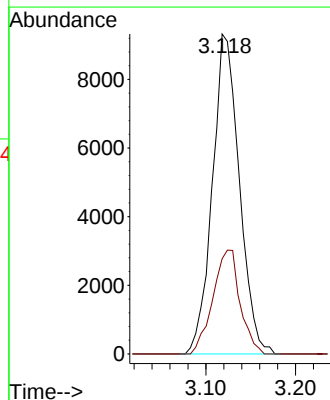
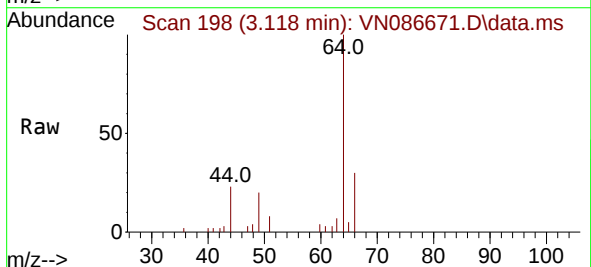
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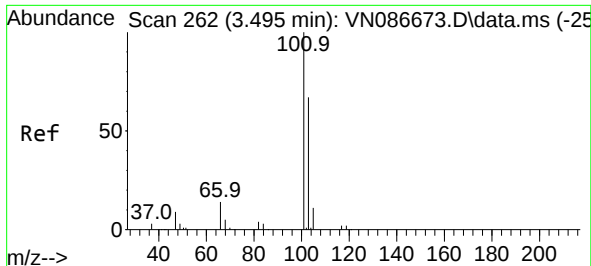
Tgt Ion: 64 Resp: 19426

Ion Ratio Lower Upper

64 100

66 29.7 27.7 41.5





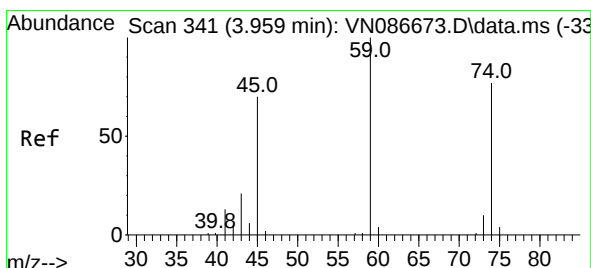
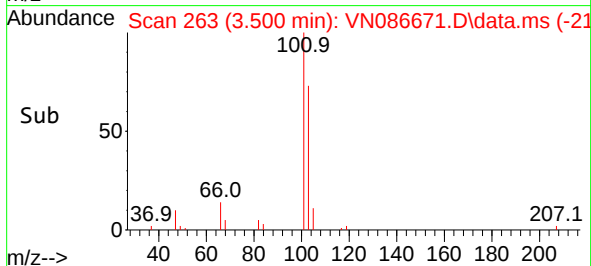
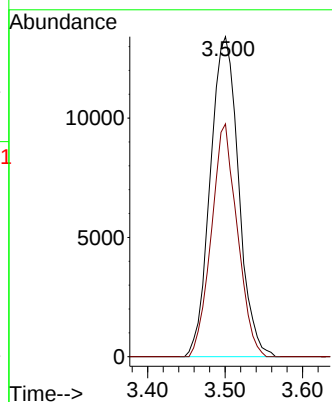
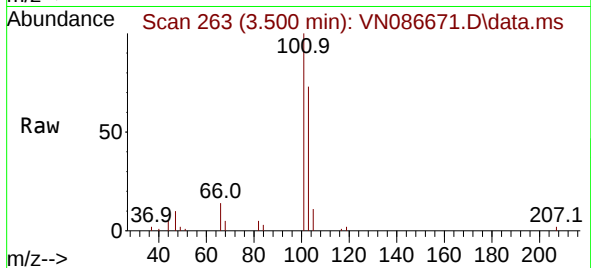
#7
 Trichlorofluoromethane
 Concen: 9.768 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

Instrument :
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 VSTDIC010

Tgt Ion:101 Resp: 3405
 Ion Ratio Lower Upper
 101 100
 103 72.8 53.4 80.0

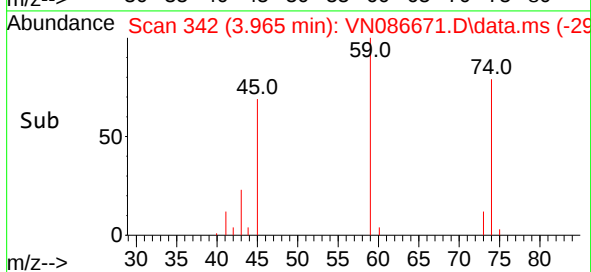
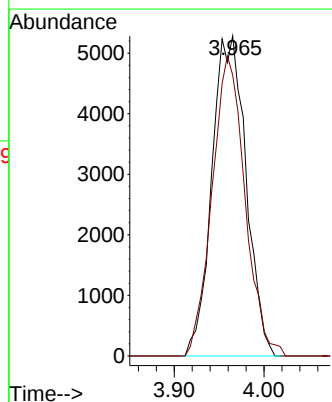
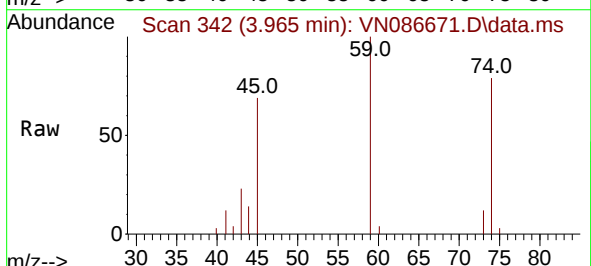
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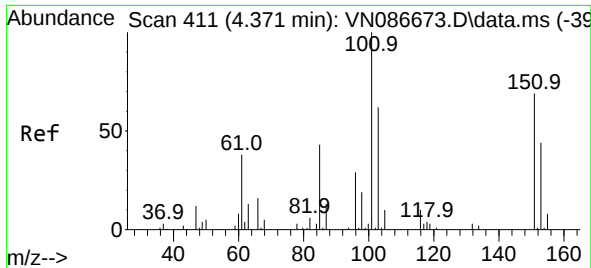
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#8
 Diethyl Ether
 Concen: 9.221 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086671.D
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Tgt Ion: 74 Resp: 13912
 Ion Ratio Lower Upper
 74 100
 45 90.8 45.0 135.0





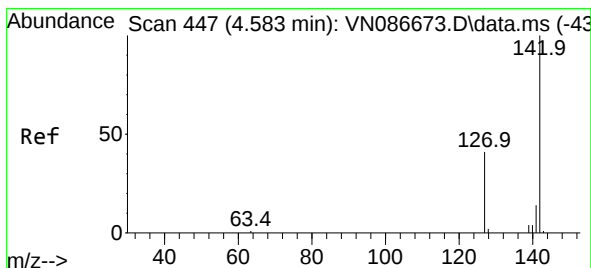
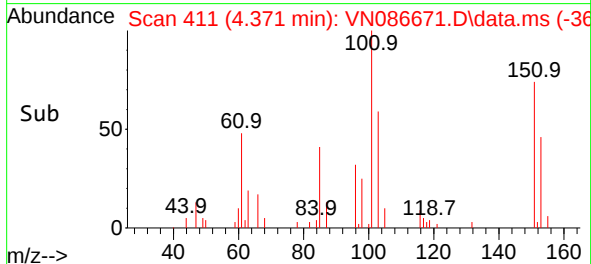
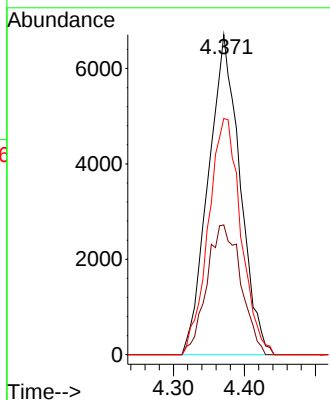
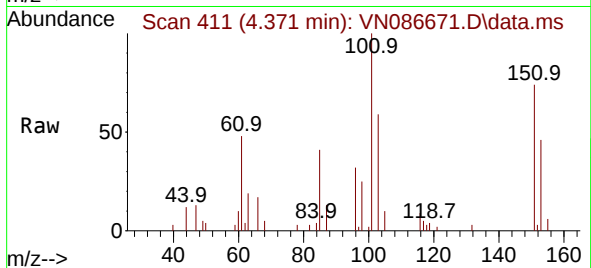
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.864 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 20760
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.6
151 75.9 58.1 87.1

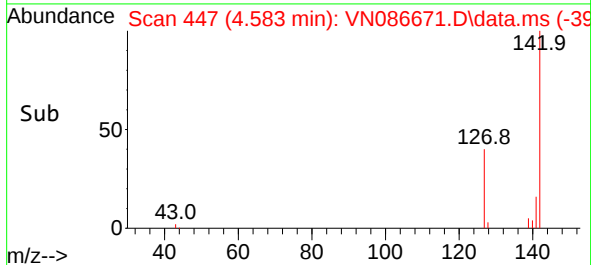
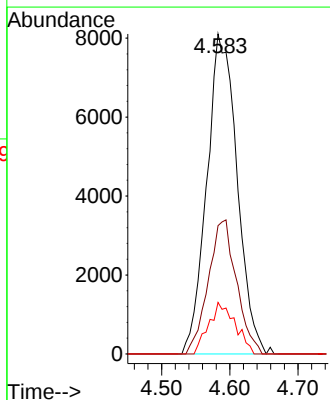
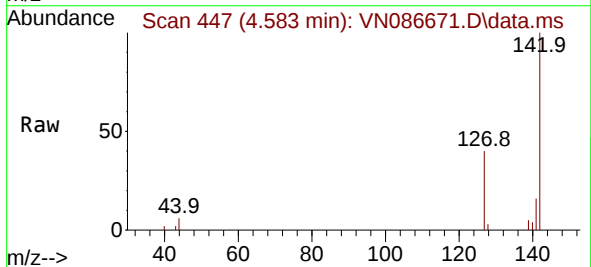
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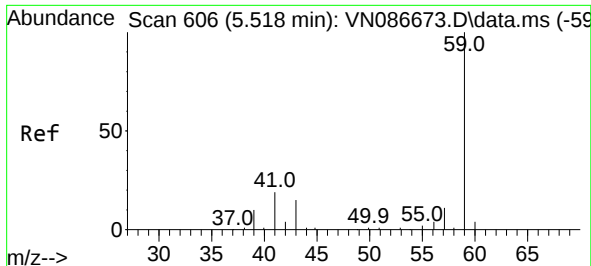
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#10
Methyl Iodide
Concen: 10.666 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:142 Resp: 25084
Ion Ratio Lower Upper
142 100
127 40.1 32.4 48.6
141 16.1 11.4 17.2





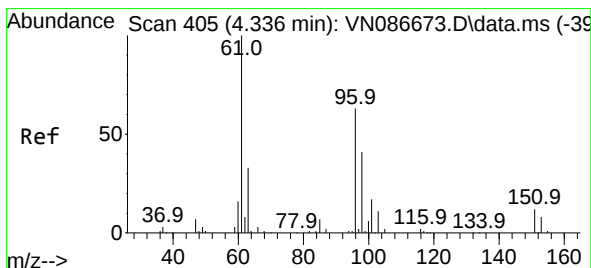
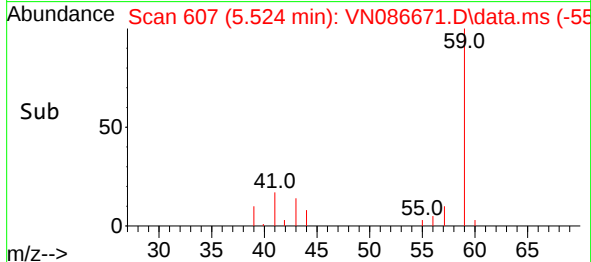
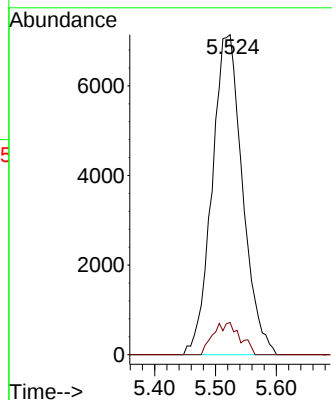
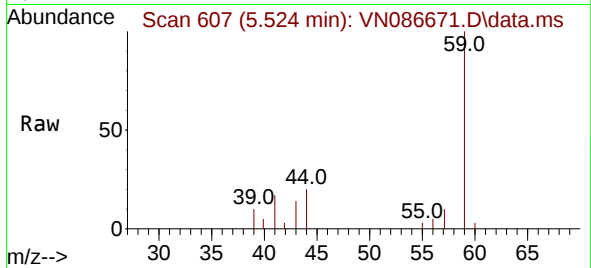
#11
Tert butyl alcohol
Concen: 49.332 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 24828
Ion Ratio Lower Upper
59 100
57 8.9 8.2 12.2

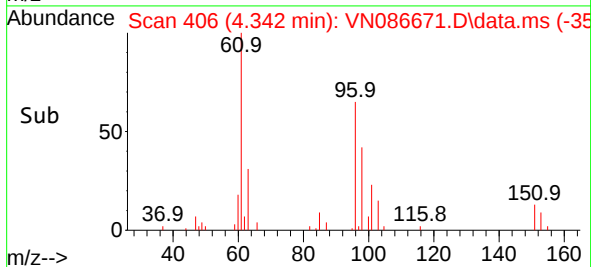
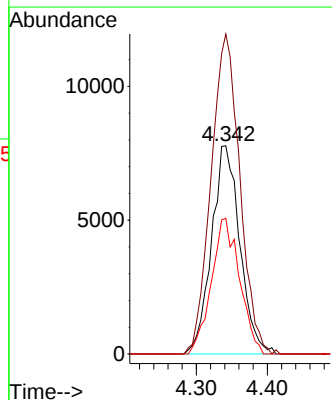
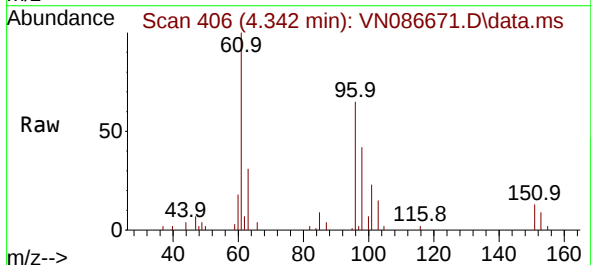
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 9.579 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

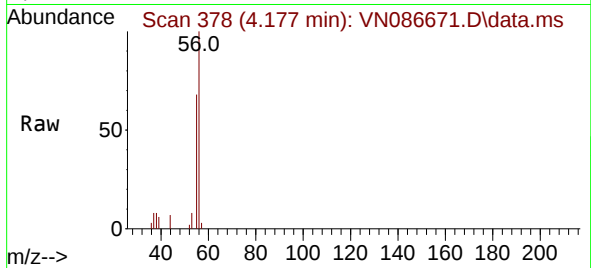
Tgt Ion: 96 Resp: 21501
Ion Ratio Lower Upper
96 100
61 153.7 126.2 189.2
98 65.2 51.5 77.3





#13
Acrolein
Concen: 73.840 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

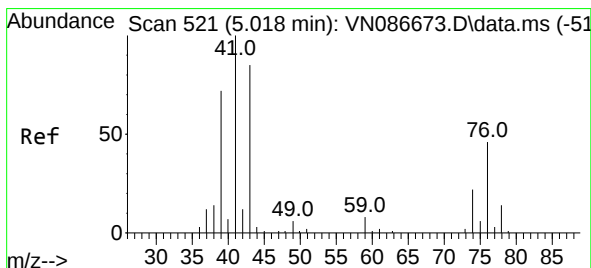
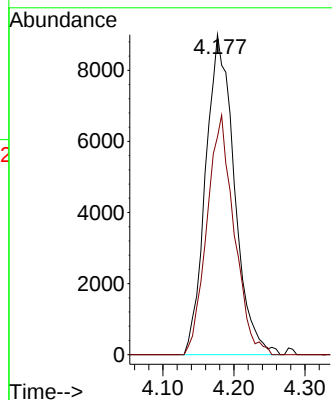
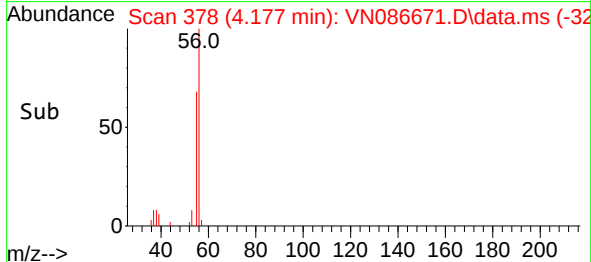
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



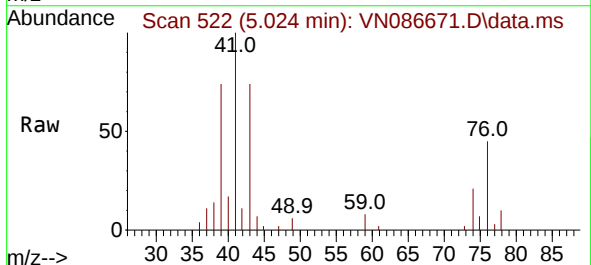
Tgt Ion: 56 Resp: 2532
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5

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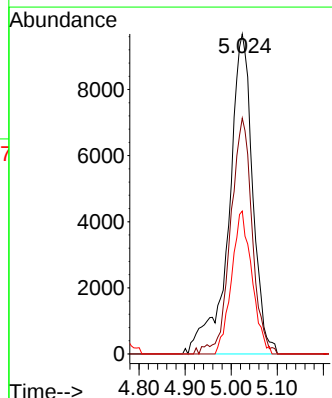
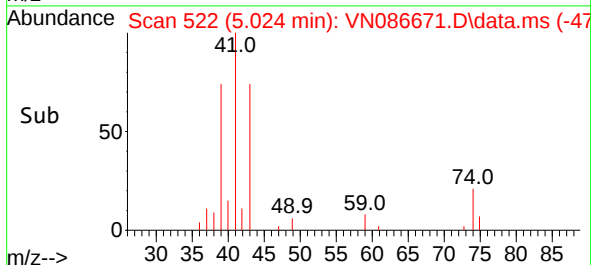
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

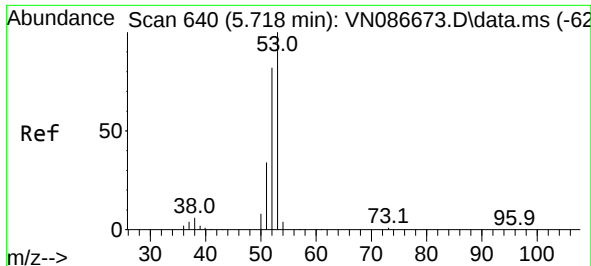


#14
Allyl chloride
Concen: 8.848 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19



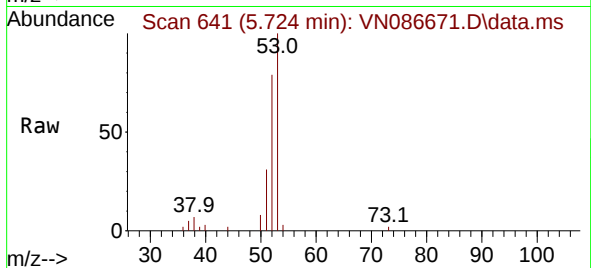
Tgt Ion: 41 Resp: 34751
Ion Ratio Lower Upper
41 100
39 66.8 57.4 86.0
76 38.1 33.2 49.8





#15
Acrylonitrile
Concen: 48.997 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

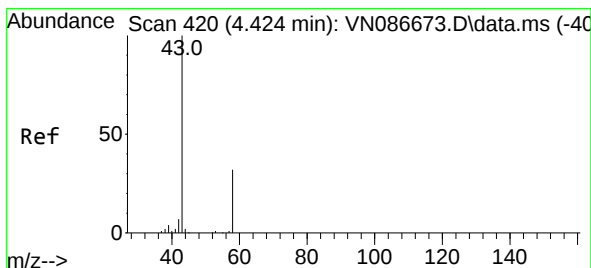
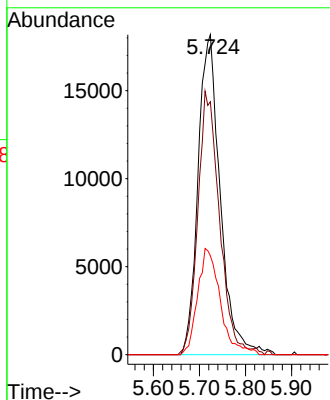
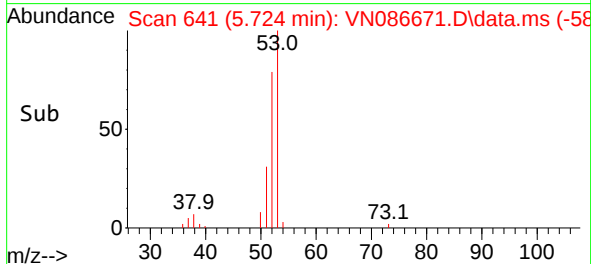
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



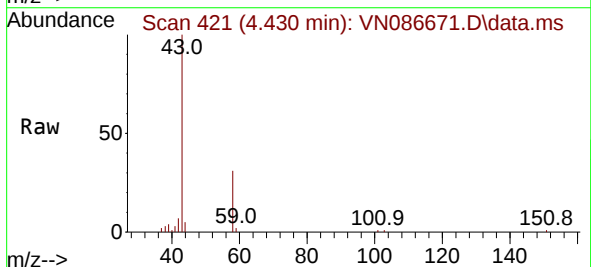
Tgt Ion: 53 Resp: 6098
Ion Ratio Lower Upper
53 100
52 80.4 65.4 98.2
51 33.9 27.9 41.9

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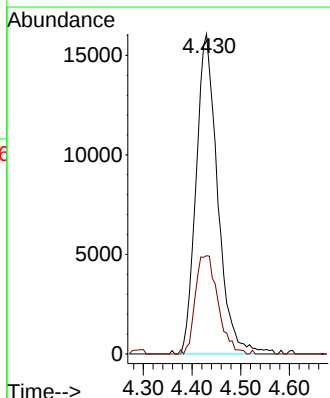
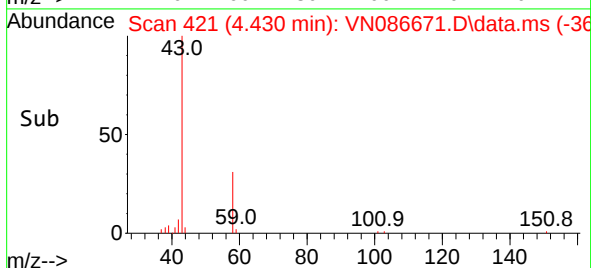
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

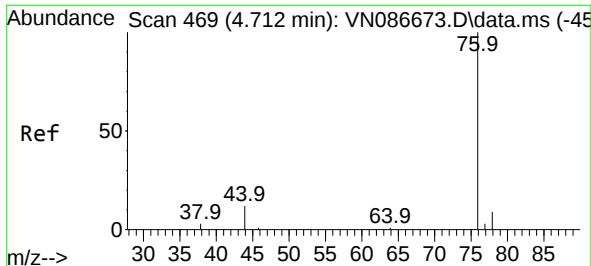


#16
Acetone
Concen: 44.862 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19



Tgt Ion: 43 Resp: 49424
Ion Ratio Lower Upper
43 100
58 30.7 25.8 38.6





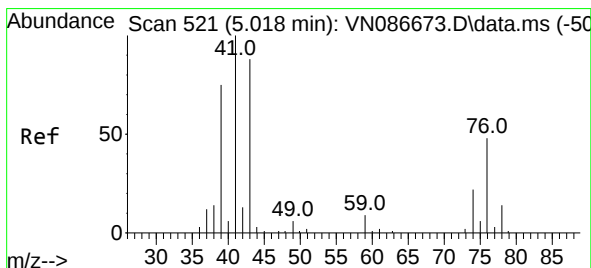
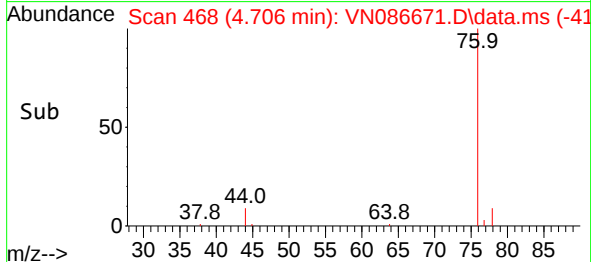
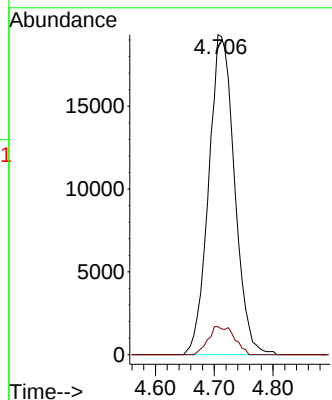
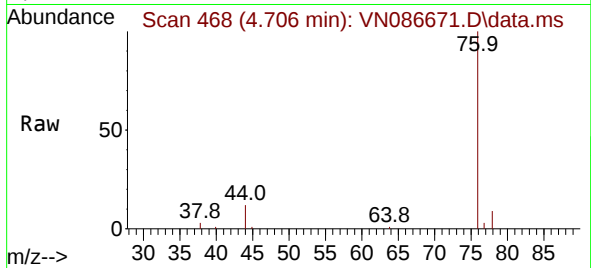
#17
Carbon Disulfide
Concen: 8.778 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 5896
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

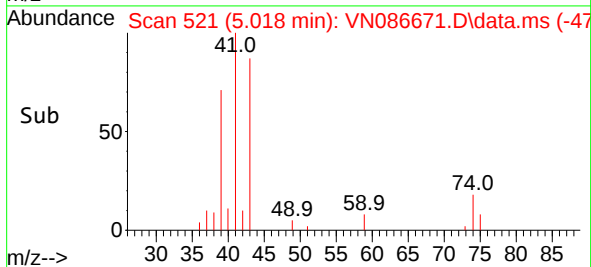
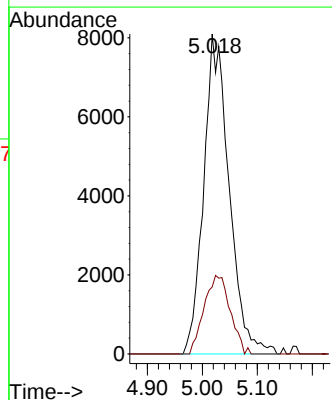
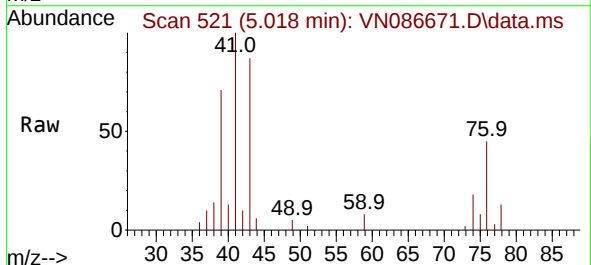
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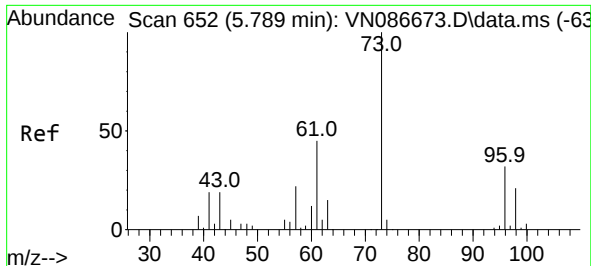
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#18
Methyl Acetate
Concen: 8.021 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 43 Resp: 26047
Ion Ratio Lower Upper
43 100
74 25.1 20.5 30.7





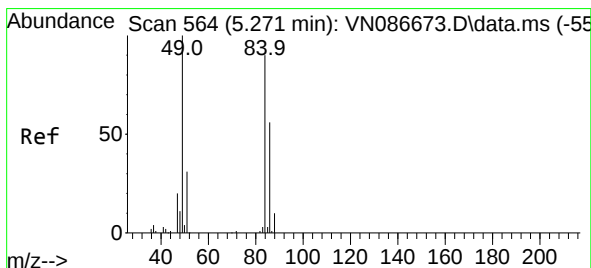
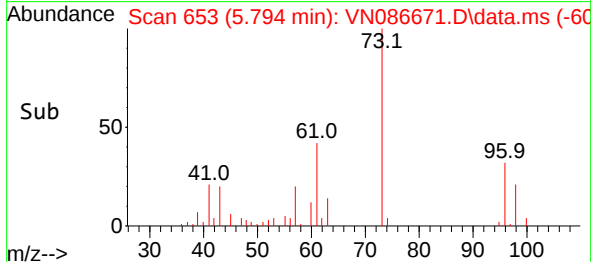
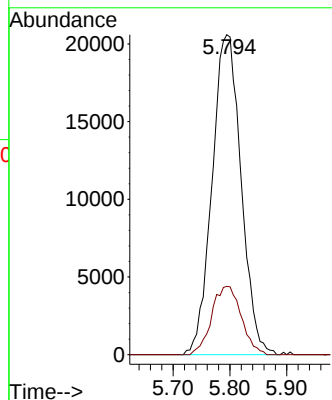
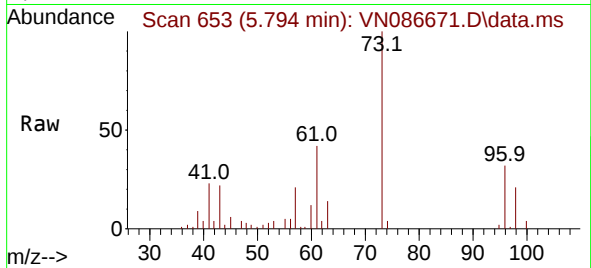
#19
Methyl tert-butyl Ether
Concen: 8.908 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 73019
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

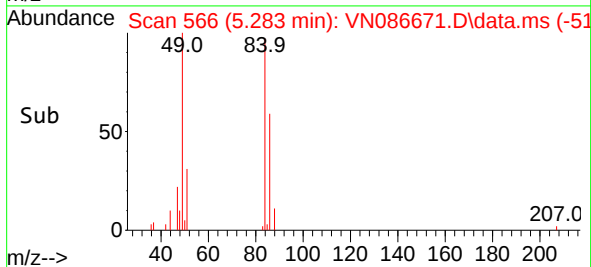
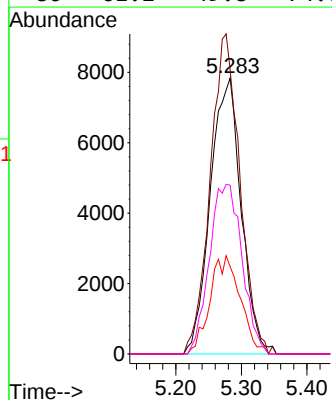
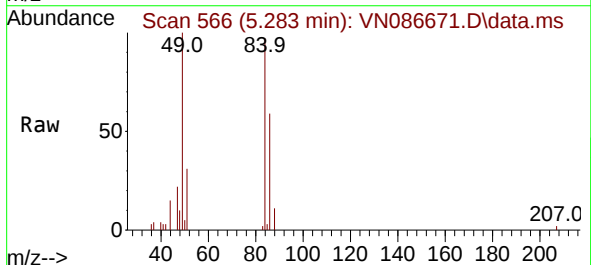
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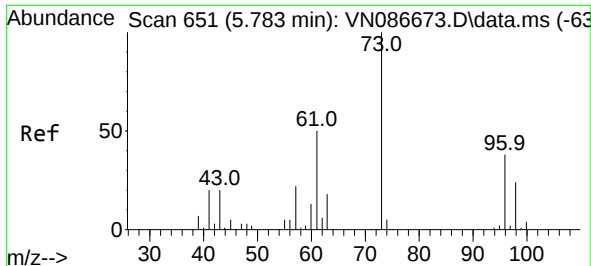
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#20
Methylene Chloride
Concen: 9.965 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 84 Resp: 25575
Ion Ratio Lower Upper
84 100
49 103.1 88.8 133.2
51 31.7 27.8 41.6
86 61.2 49.8 74.6





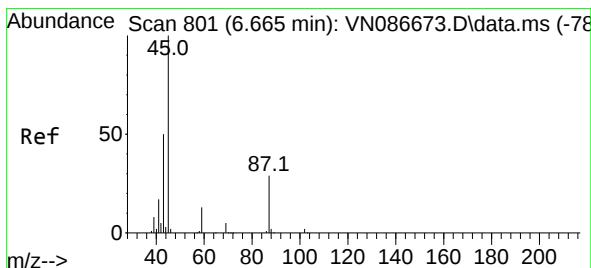
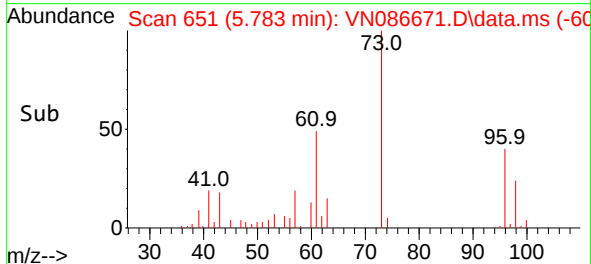
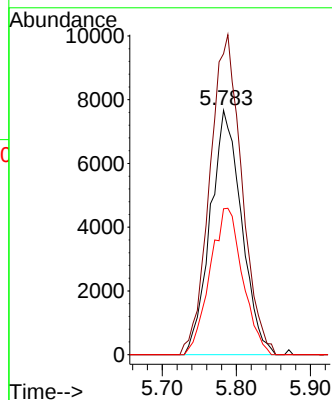
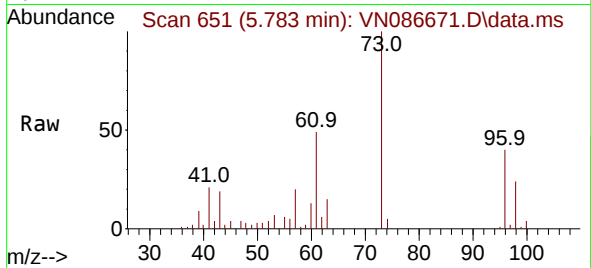
#21
trans-1,2-Dichloroethene
Concen: 9.539 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 2242
Ion Ratio Lower Upper
96 100
61 123.2 105.7 158.5
98 59.7 51.0 76.6

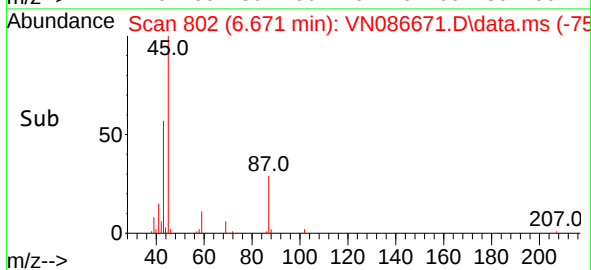
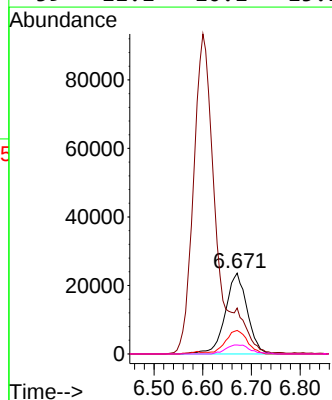
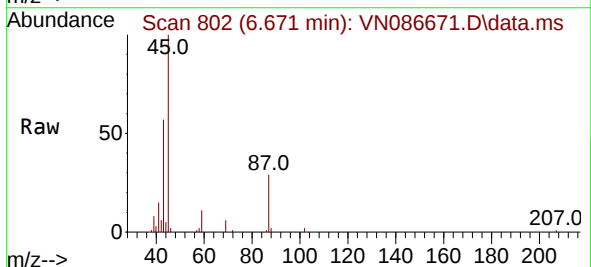
Manual Integrations
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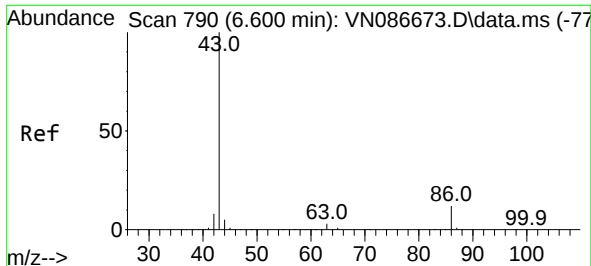
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#22
Diisopropyl ether
Concen: 8.584 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 45 Resp: 73555
Ion Ratio Lower Upper
45 100
43 55.1 41.4 62.2
87 29.2 22.9 34.3
59 11.1 10.1 15.1





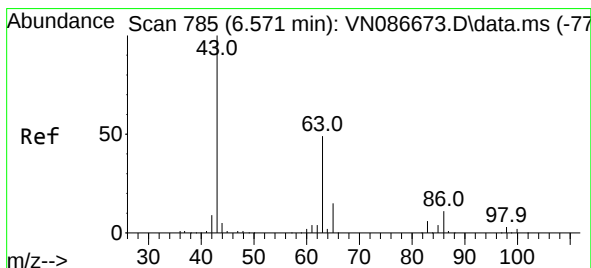
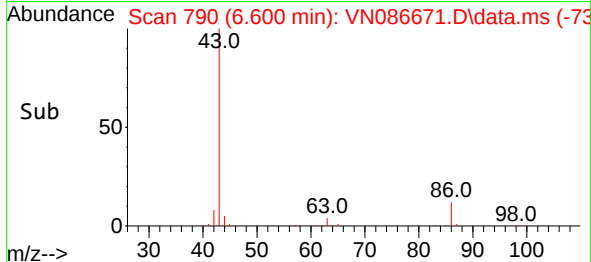
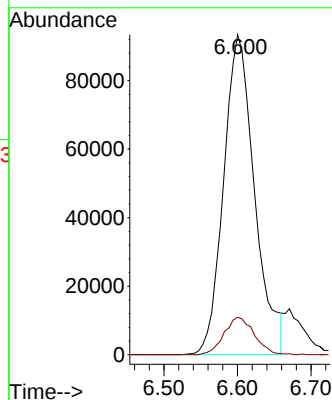
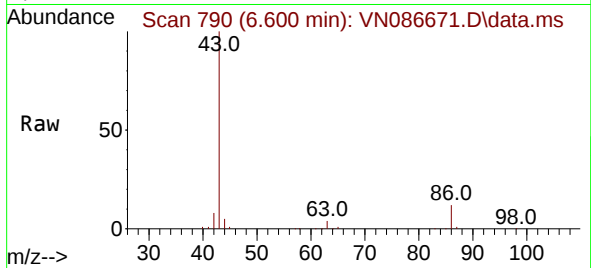
#23
 Vinyl Acetate
 Concen: 45.155 ug/l m
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Tgt Ion: 43 Resp: 27352
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.5 14.3

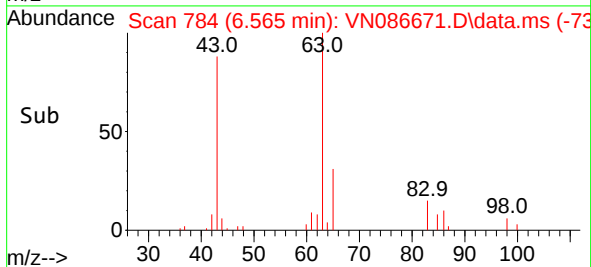
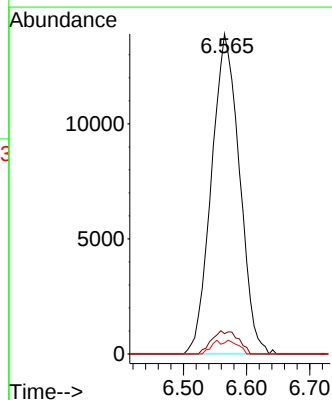
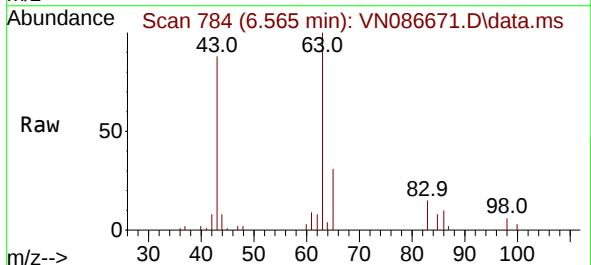
Manual Integrations
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Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#24
 1,1-Dichloroethane
 Concen: 9.421 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

Tgt Ion: 63 Resp: 42997
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 3.5 2.4 7.1





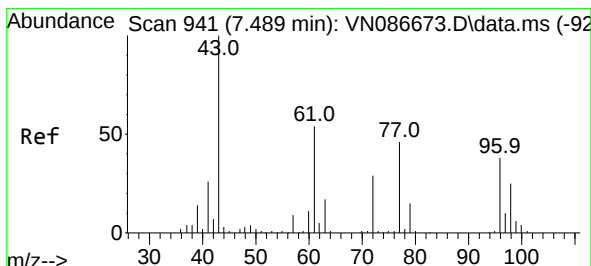
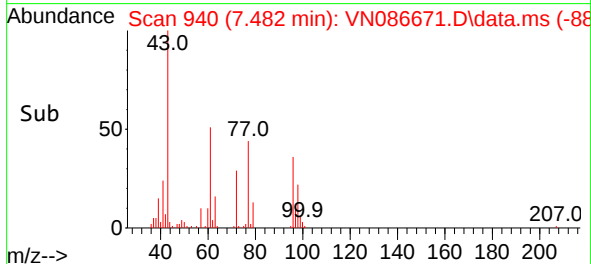
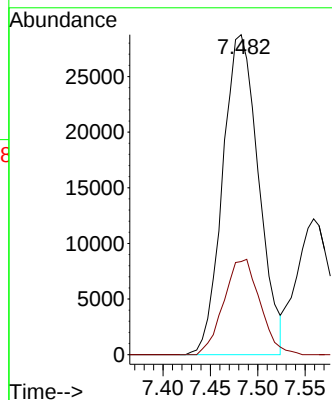
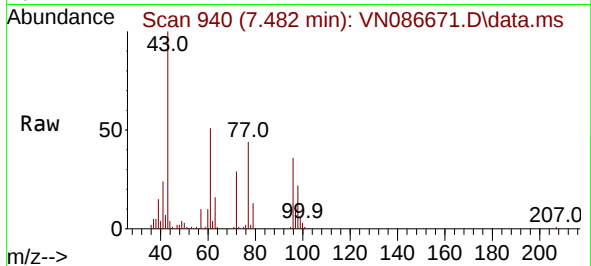
#25
2-Butanone
Concen: 44.487 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 75970
Ion Ratio Lower Upper
43 100
72 29.1 23.1 34.7

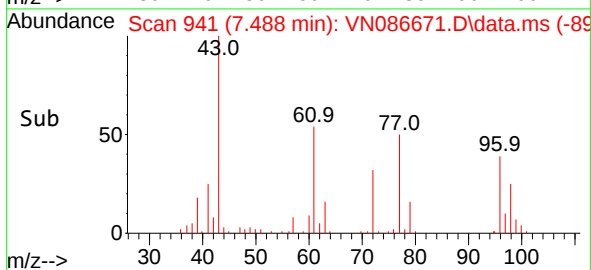
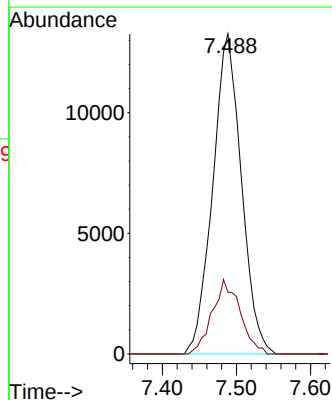
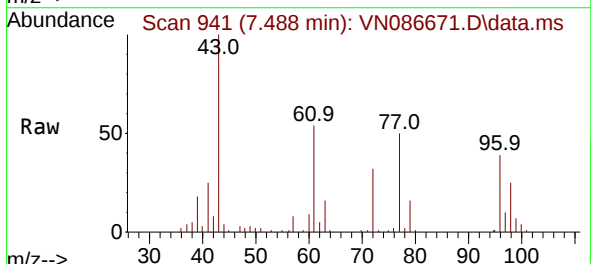
Manual Integrations
APPROVED

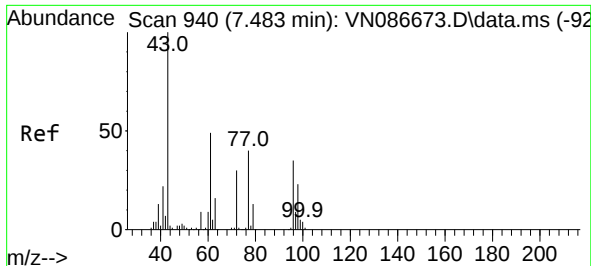
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#26
2,2-Dichloropropane
Concen: 8.785 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

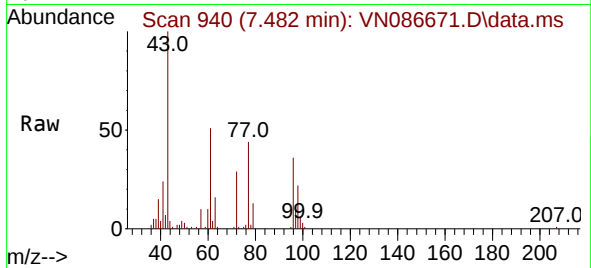
Tgt Ion: 77 Resp: 35543
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 9.439 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

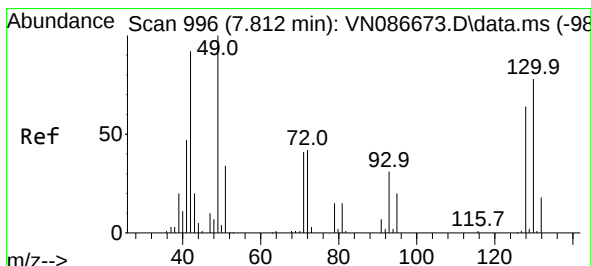
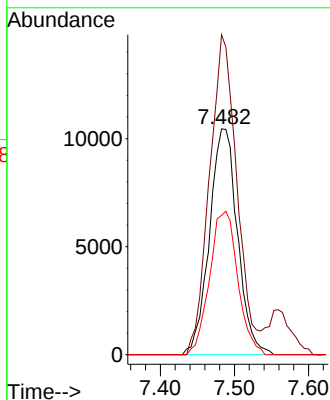
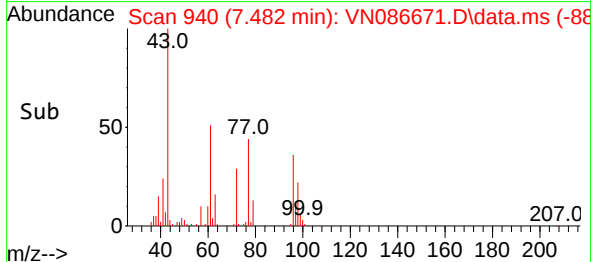
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 27508
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 277.4
 98 63.7 0.0 129.6

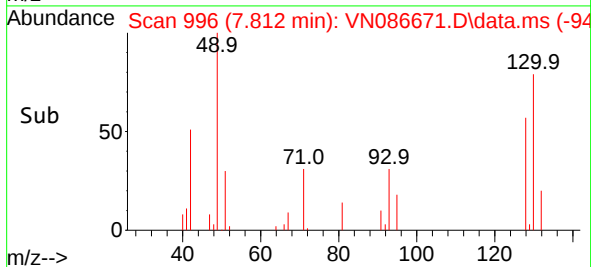
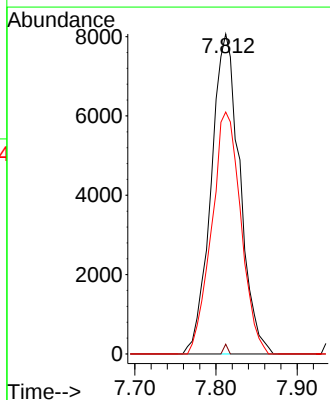
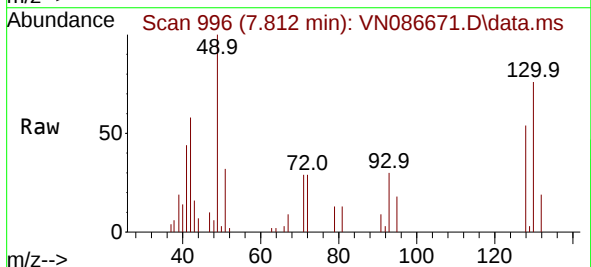
Manual Integrations
 APPROVED

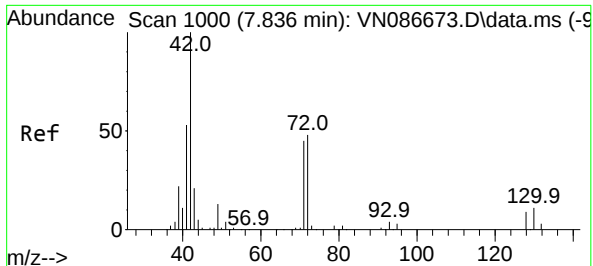
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#28
 Bromochloromethane
 Concen: 10.145 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

Tgt Ion: 49 Resp: 19798
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.8
 130 77.0 62.2 93.4





#29

Tetrahydrofuran

Concen: 43.856 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

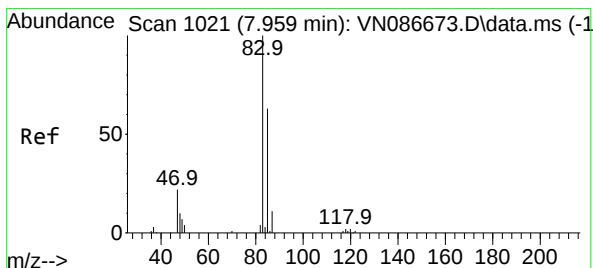
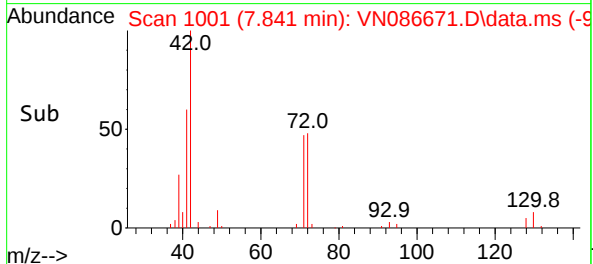
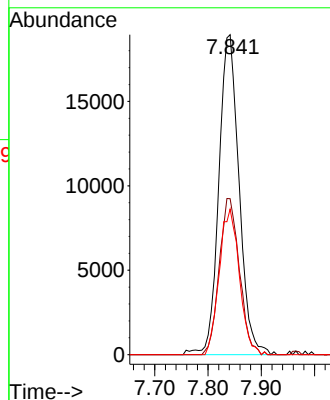
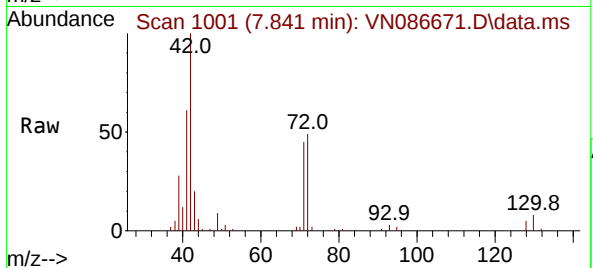
Tgt Ion:	42	Resp:	50074
Ion	Ratio	Lower	Upper
42	100		
72	48.6	38.7	58.1
71	45.3	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#30

Chloroform

Concen: 9.413 ug/l

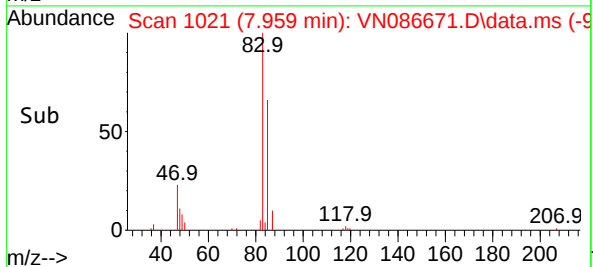
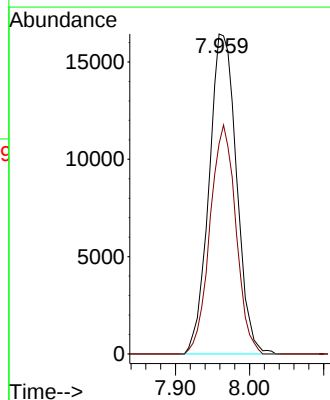
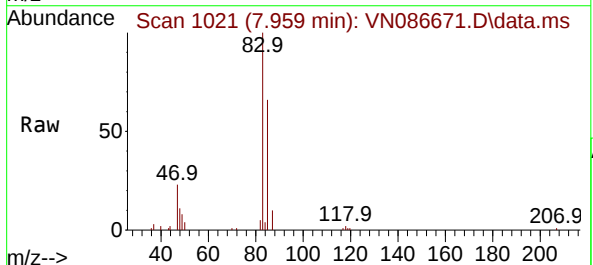
RT: 7.959 min Scan# 1021

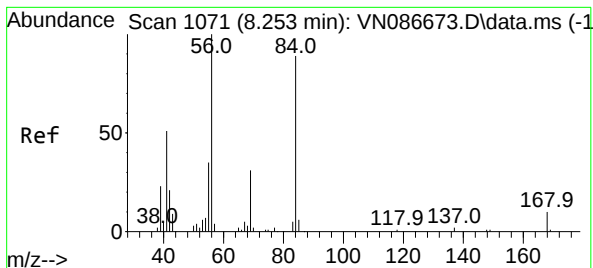
Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Tgt Ion:	83	Resp:	42323
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.2	75.4





#31

Cyclohexane

Concen: 9.148 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 4046

Ion Ratio Lower Upper

56 100

69 34.0 25.0 37.6

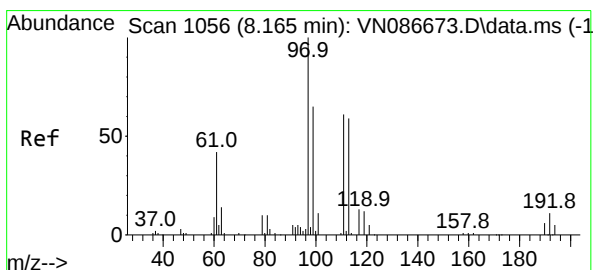
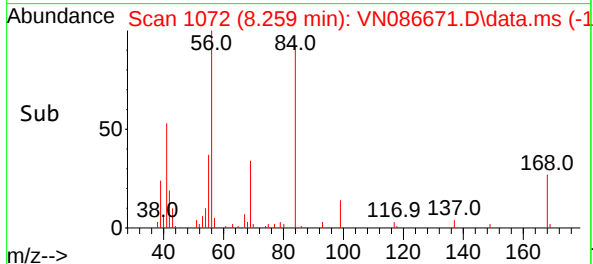
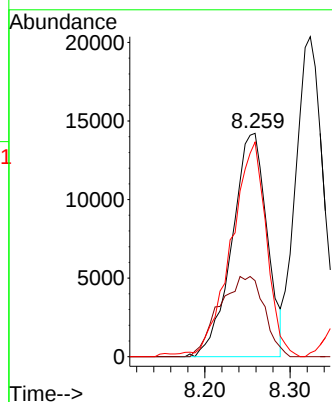
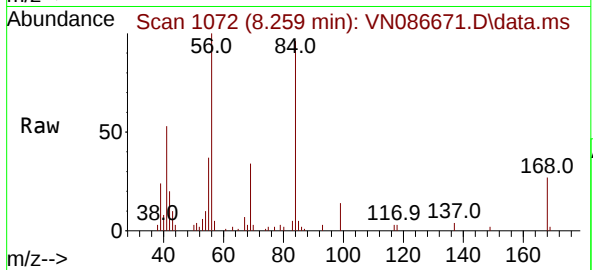
84 94.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#32

1,1,1-Trichloroethane

Concen: 9.412 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

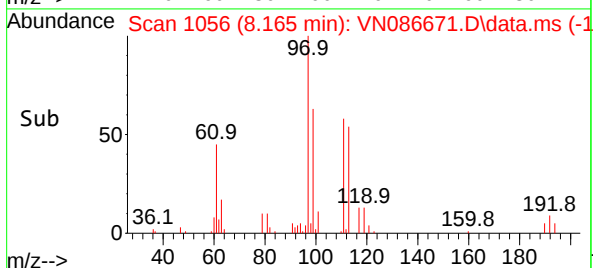
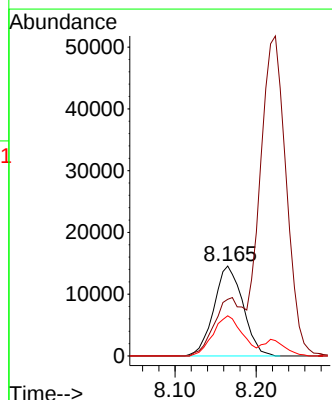
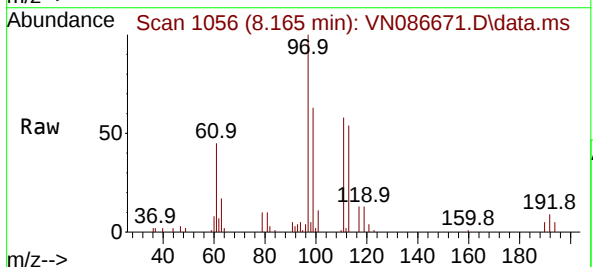
Tgt Ion: 97 Resp: 36234

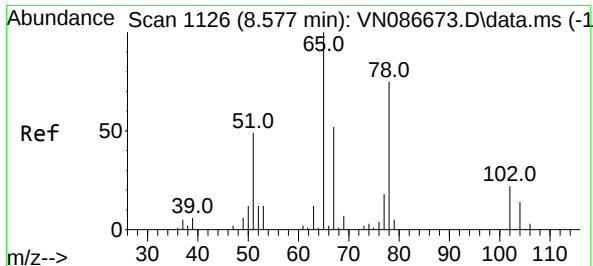
Ion Ratio Lower Upper

97 100

99 59.2 52.6 79.0

61 45.0 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 9.141 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 2512

Ion Ratio Lower Upper

65 100

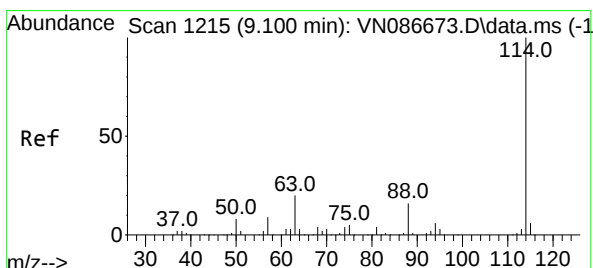
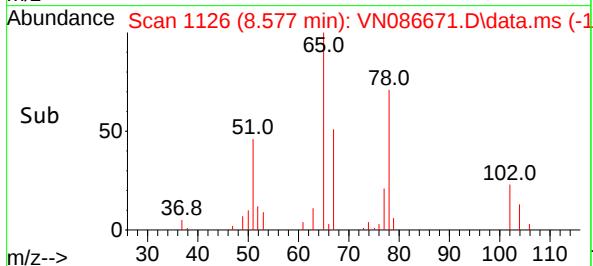
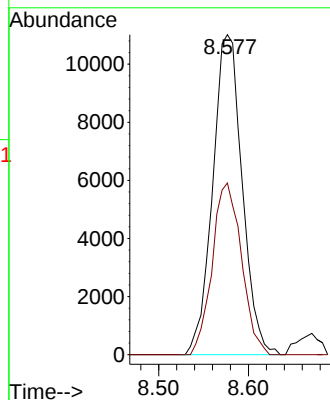
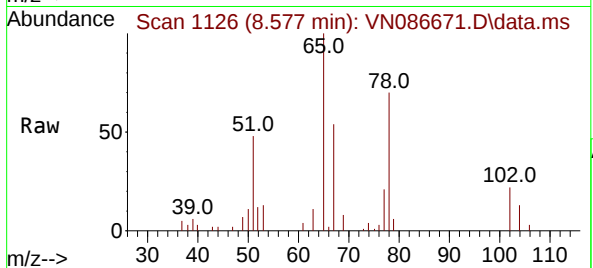
67 53.1 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

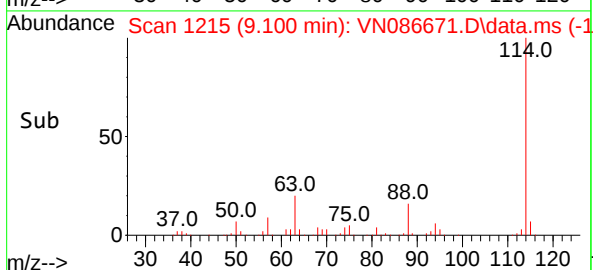
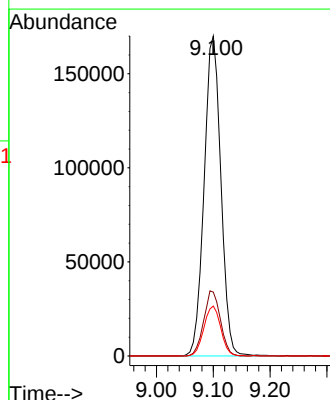
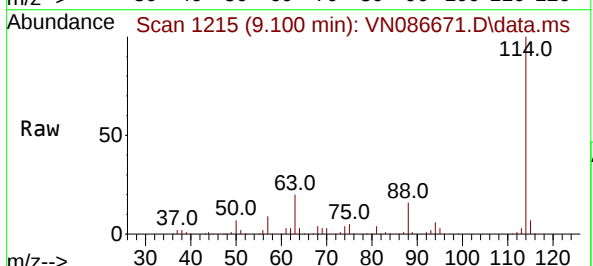
Tgt Ion:114 Resp: 347826

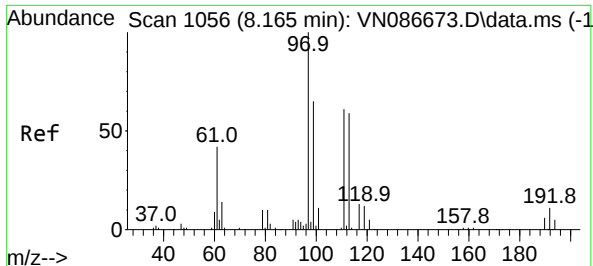
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 11.605 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

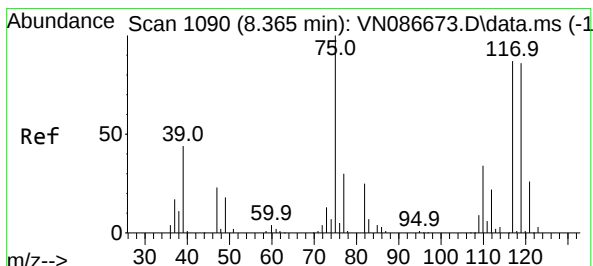
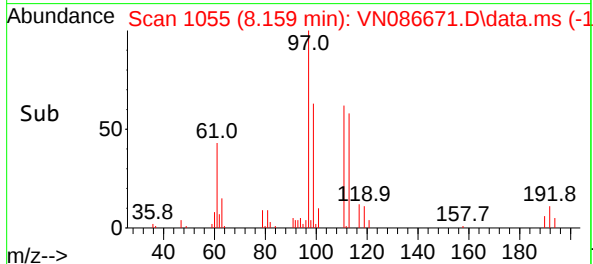
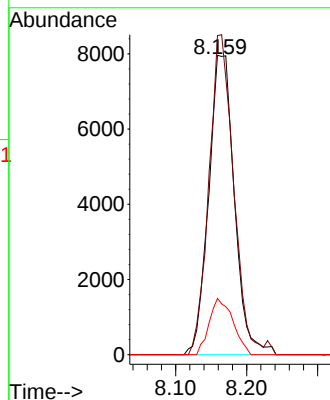
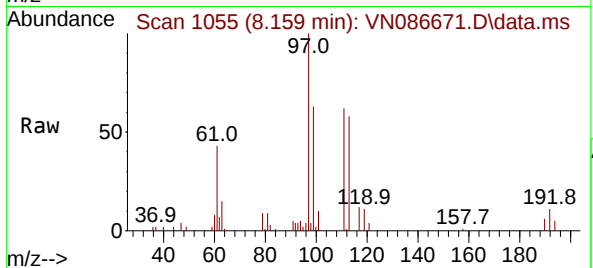
Tgt Ion:	113	Resp:	2008
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.2
192	17.3	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#36

1,1-Dichloropropene

Concen: 9.561 ug/l

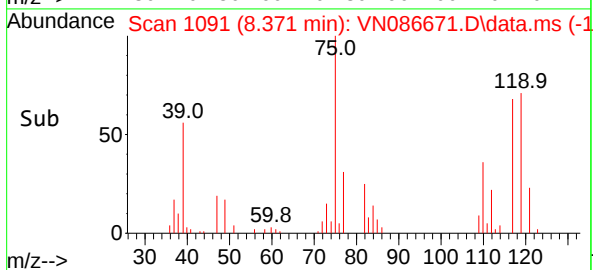
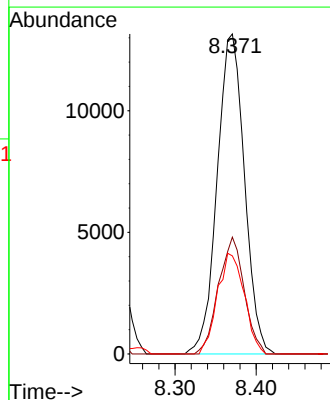
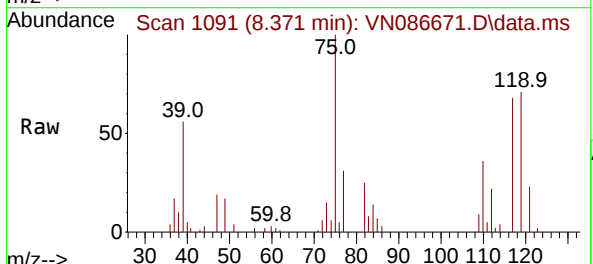
RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

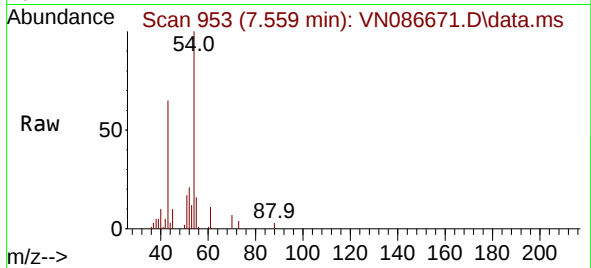
Tgt Ion:	75	Resp:	30748
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.5
77	30.8	25.1	37.7





#37
Ethyl Acetate
Concen: 9.064 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

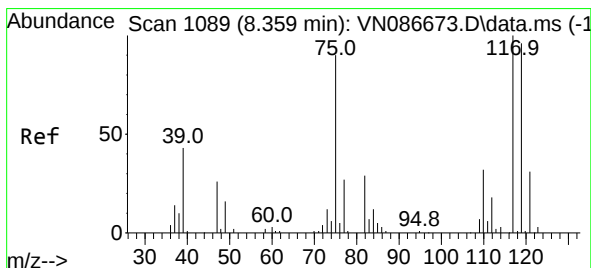
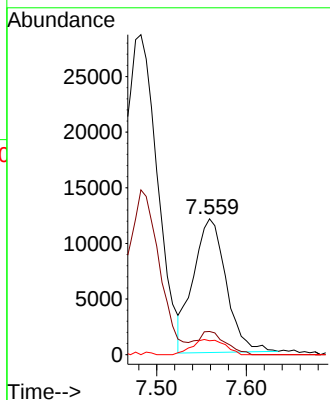
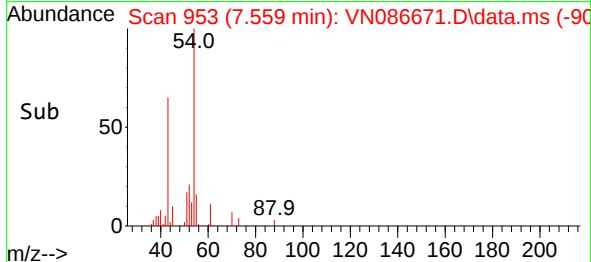
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 11.2 9.4 14.0

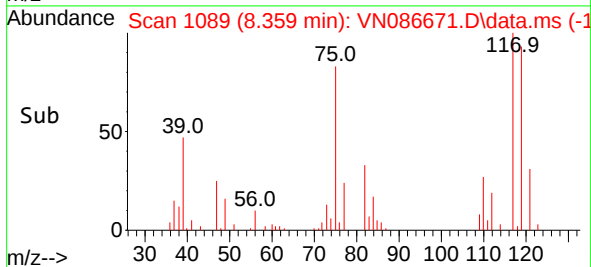
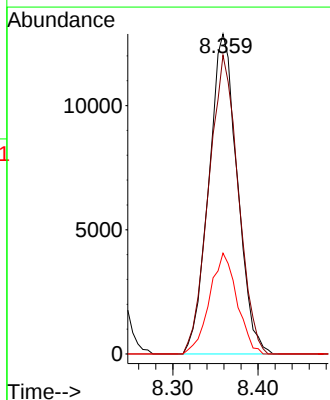
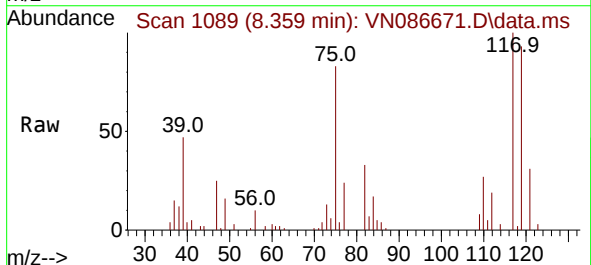
Manual Integrations
APPROVED

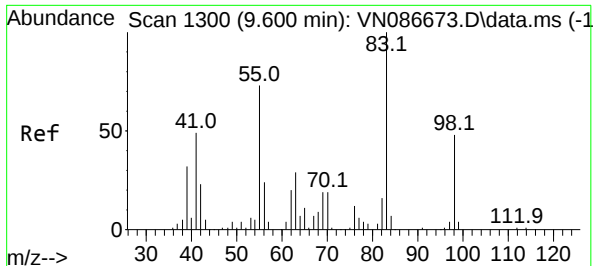
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#38
Carbon Tetrachloride
Concen: 9.712 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:117 Resp: 29903
Ion Ratio Lower Upper
117 100
119 93.3 77.0 115.6
121 31.5 25.0 37.6





#39

Methylcyclohexane

Concen: 8.573 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

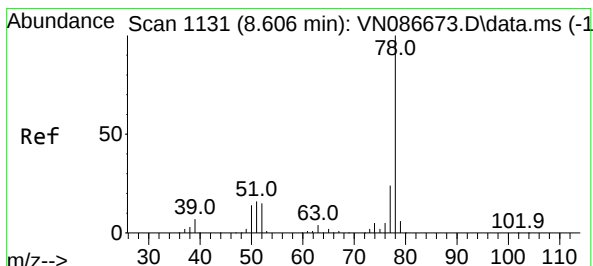
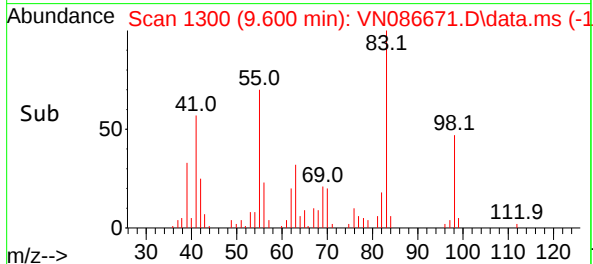
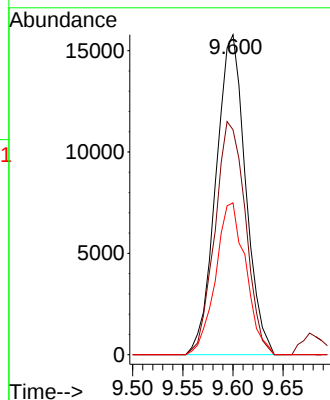
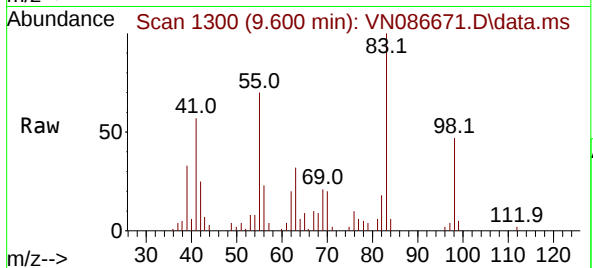
Tgt Ion: 83	Resp: 32439
Ion Ratio	Lower Upper
83	100
55	70.3 58.2 87.4
98	47.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#40

Benzene

Concen: 9.755 ug/l

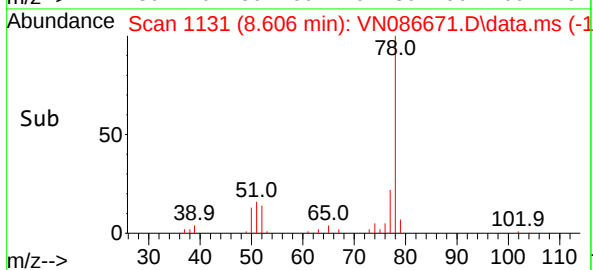
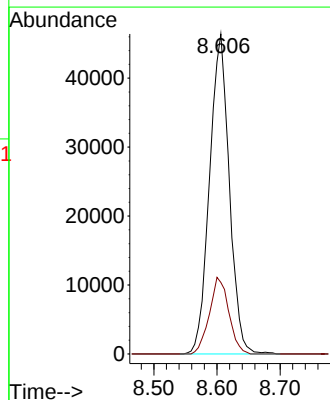
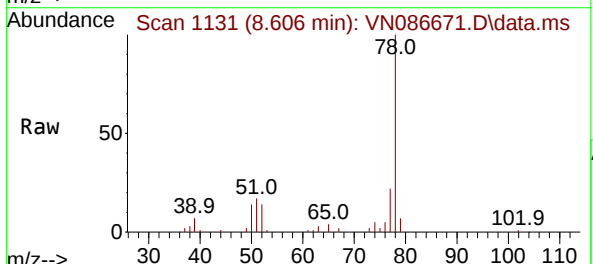
RT: 8.606 min Scan# 1131

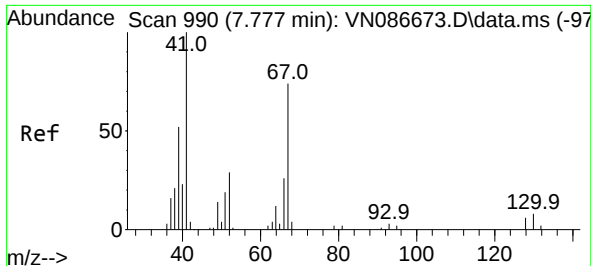
Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Tgt Ion: 78	Resp: 100693
Ion Ratio	Lower Upper
78	100
77	22.3 19.1 28.7





#41
Methacrylonitrile
Concen: 8.821 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

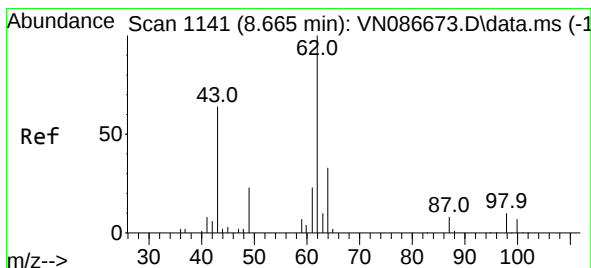
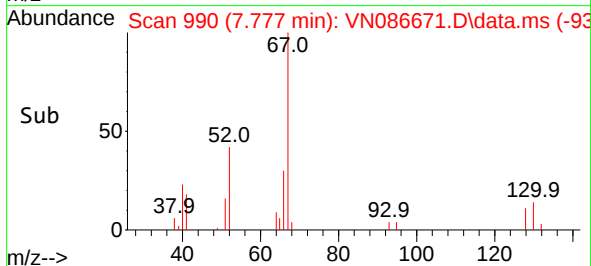
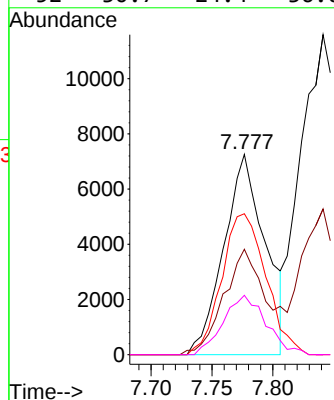
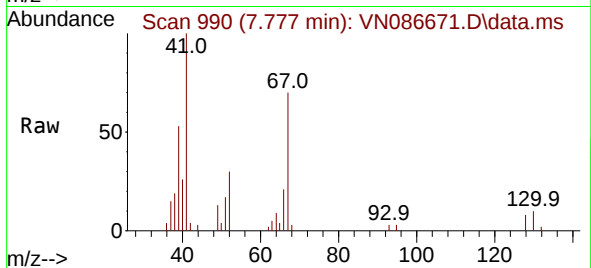
Tgt Ion:	41	Resp:	1710
Ion	Ratio	Lower	Upper
41	100		
39	49.6	44.9	67.3
67	75.4	63.4	95.0
52	30.7	24.4	36.6

Manual Integrations

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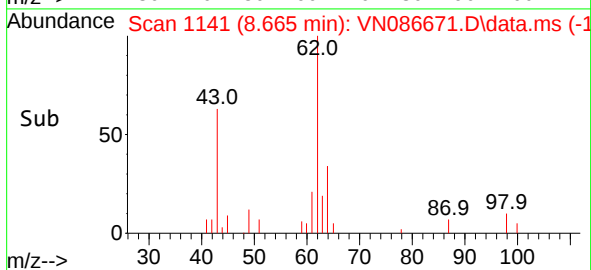
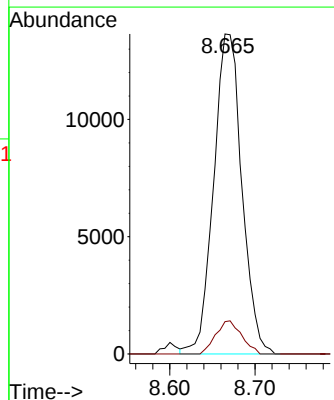
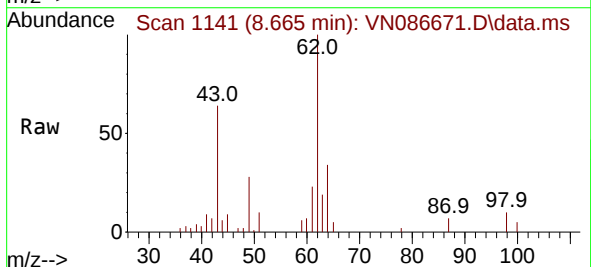
Reviewed By :John Carlone 05/19/2025

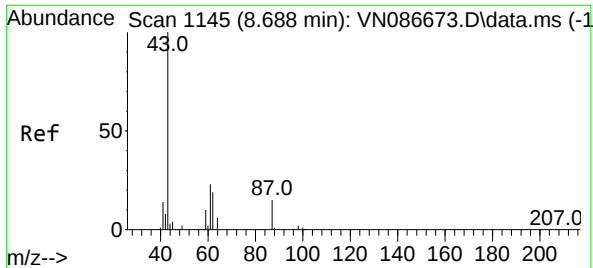
Supervised By :Mahesh Dadoda 05/19/2025



#42
1,2-Dichloroethane
Concen: 9.553 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

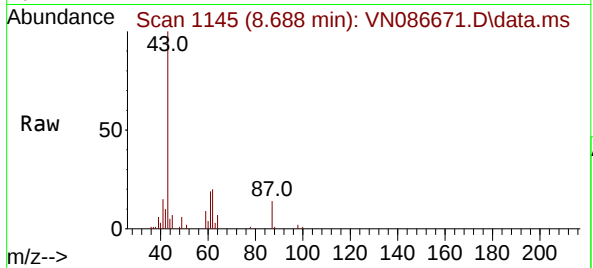
Tgt Ion:	62	Resp:	31399
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 7.234 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

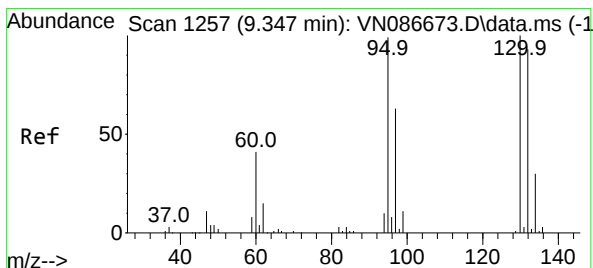
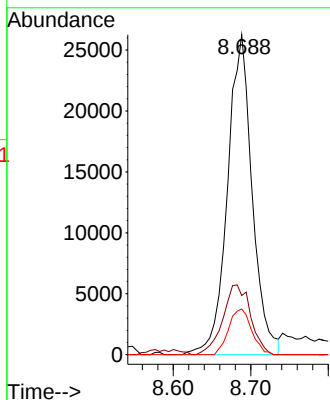
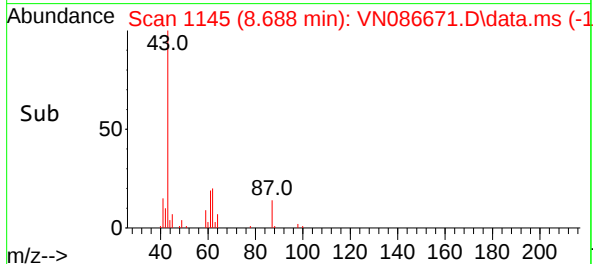
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



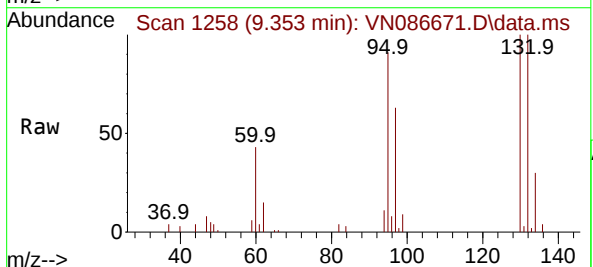
Tgt Ion: 43 Resp: 5842
Ion Ratio Lower Upper
43 100
61 24.4 21.4 32.2
87 13.2 11.1 16.7

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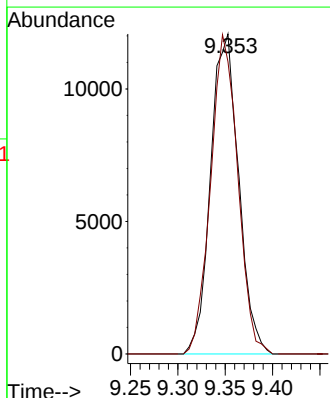
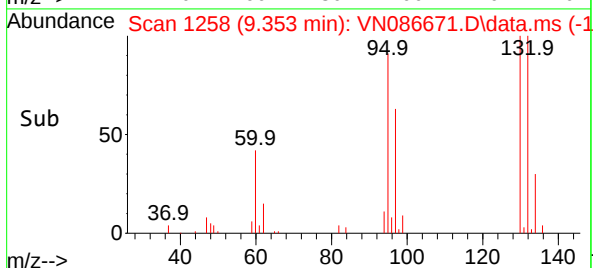
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#44
Trichloroethene
Concen: 10.137 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19



Tgt Ion:130 Resp: 24877
Ion Ratio Lower Upper
130 100
95 91.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 9.487 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2384

Ion Ratio Lower Upper

63 100

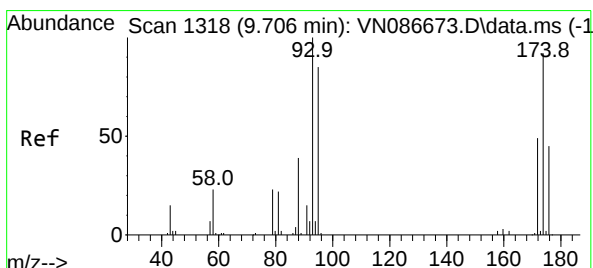
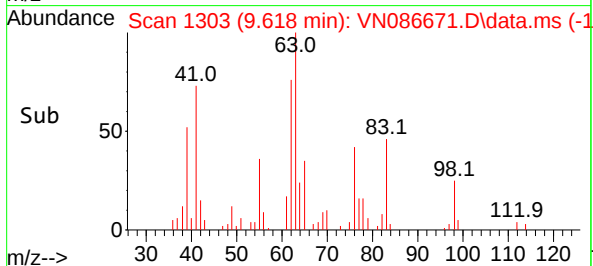
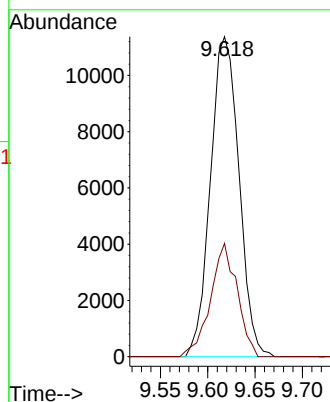
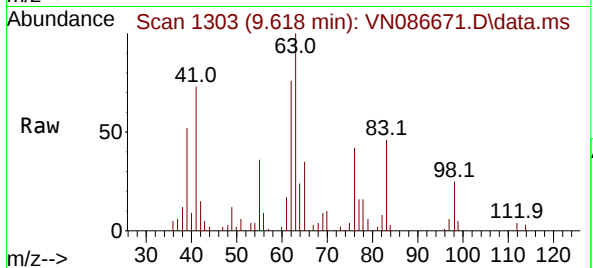
65 35.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#46

Dibromomethane

Concen: 10.271 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

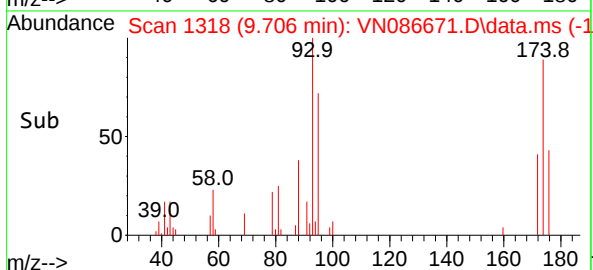
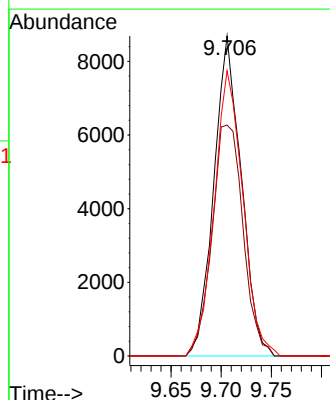
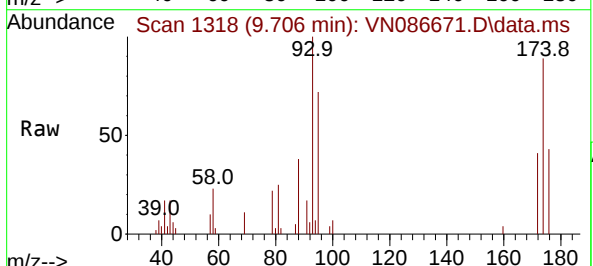
Tgt Ion: 93 Resp: 16556

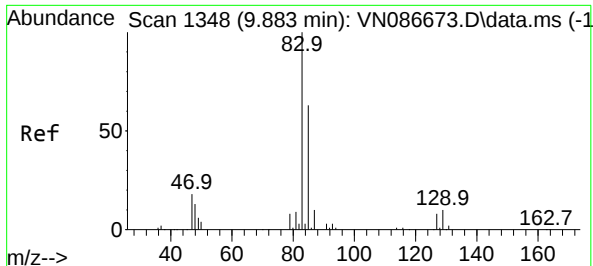
Ion Ratio Lower Upper

93 100

95 81.5 67.1 100.7

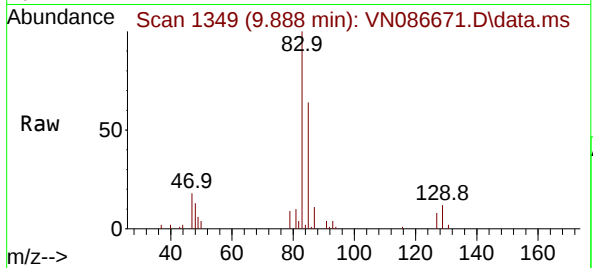
174 93.0 73.8 110.6





#47
Bromodichloromethane
Concen: 9.391 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

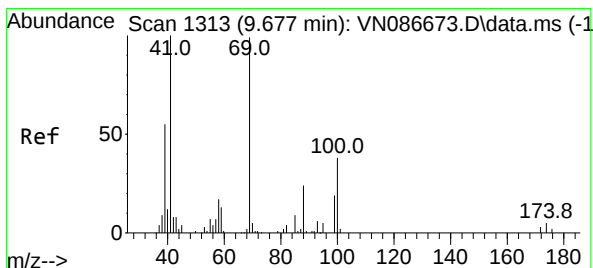
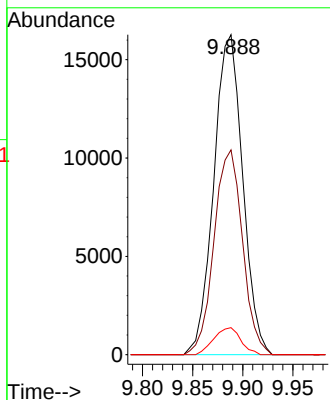
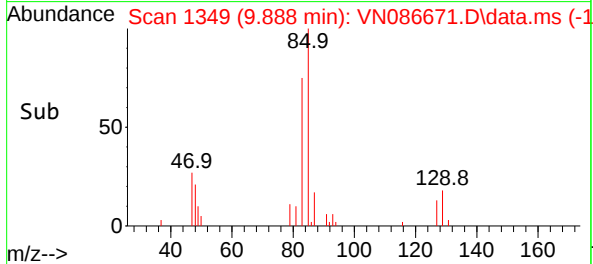
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 3263
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.4 6.2 9.4

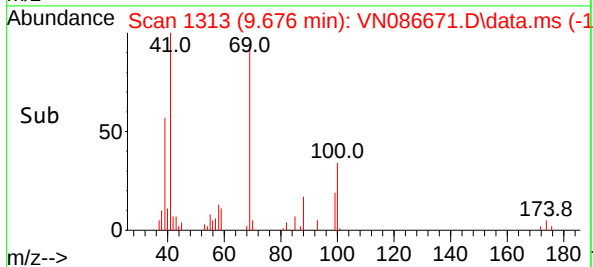
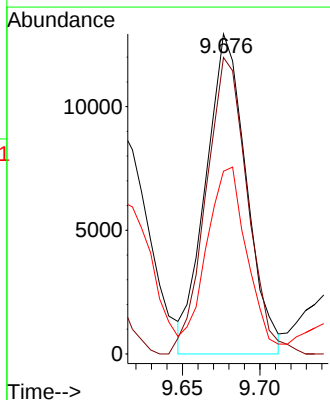
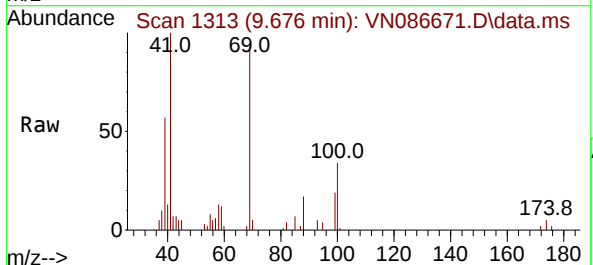
Manual Integrations
APPROVED

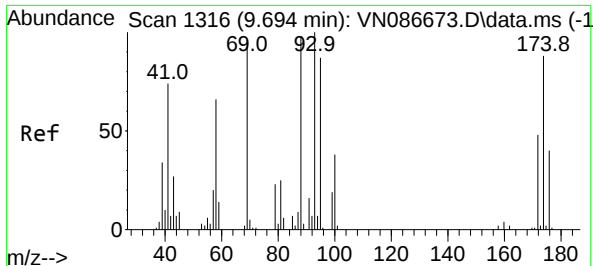
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#48
Methyl methacrylate
Concen: 8.034 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 41 Resp: 23538
Ion Ratio Lower Upper
41 100
69 94.5 74.1 111.1
39 59.5 44.1 66.1





#49

1,4-Dioxane

Concen: 204.120 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 10578

Ion Ratio Lower Upper

88 100

43 24.2 23.6 35.4

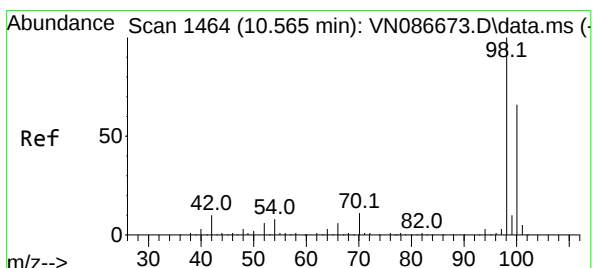
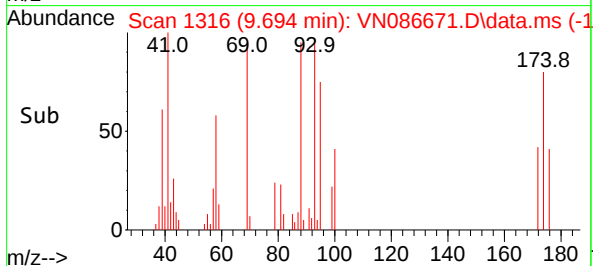
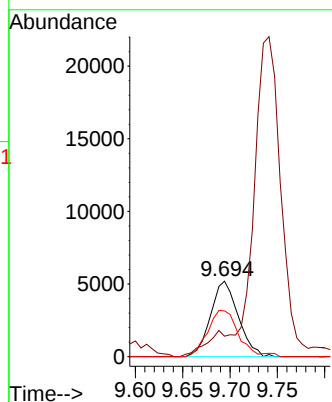
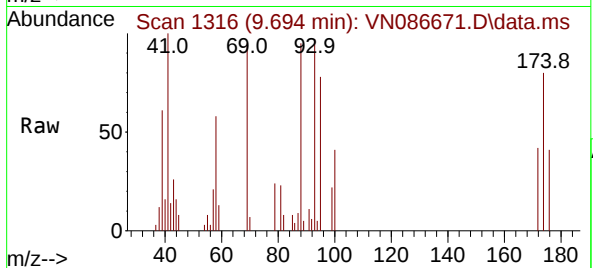
58 68.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#50

Toluene-d8

Concen: 9.343 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086671.D

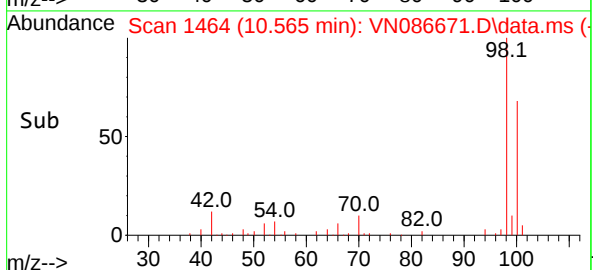
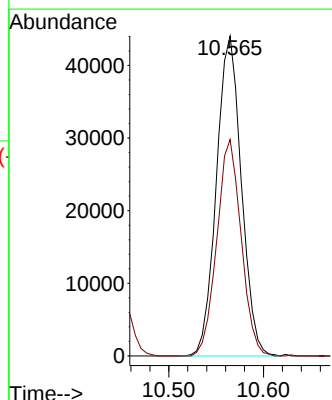
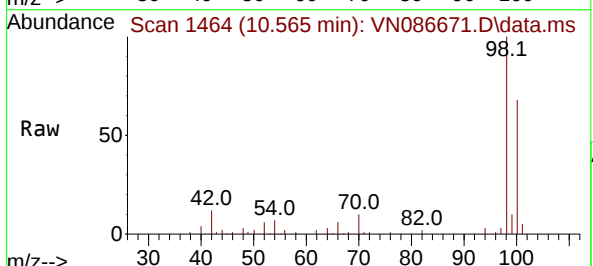
Acq: 16 May 2025 17:19

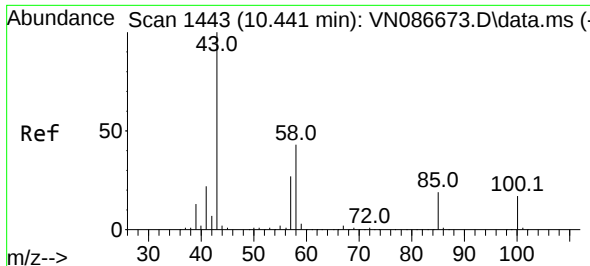
Tgt Ion: 98 Resp: 80603

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3





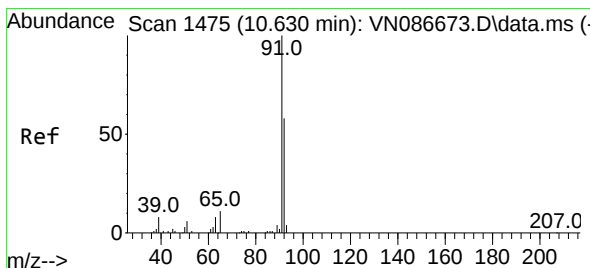
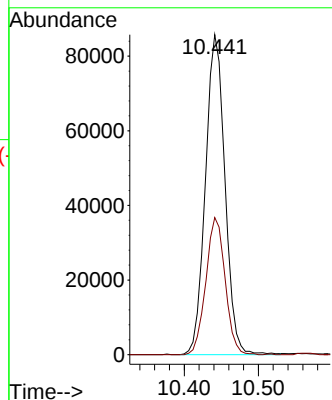
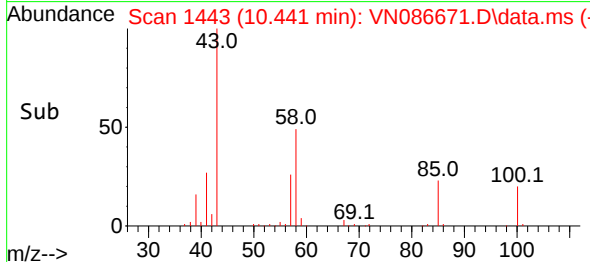
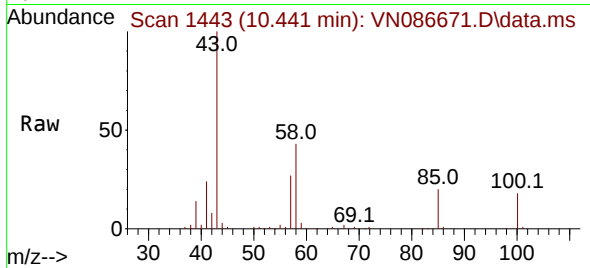
#51
4-Methyl-2-Pentanone
Concen: 45.680 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 15704
Ion Ratio Lower Upper
43 100
58 42.3 33.9 50.9

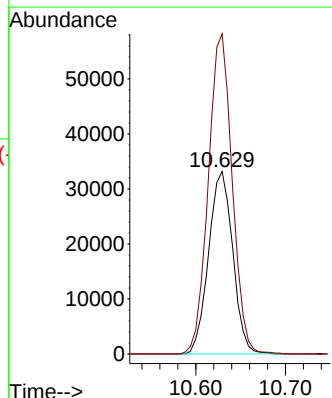
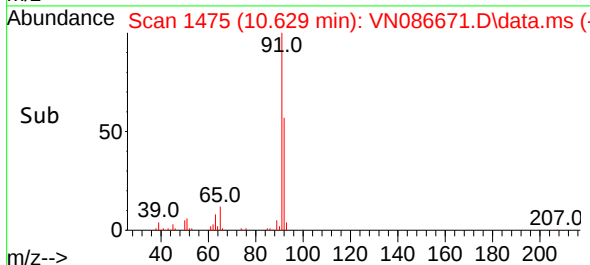
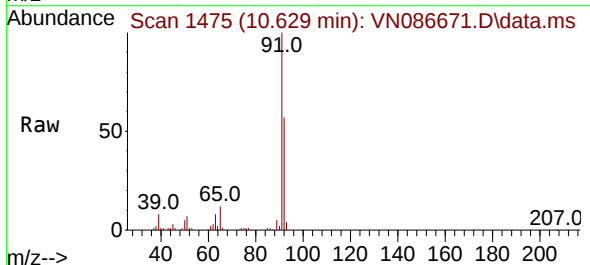
Manual Integrations
APPROVED

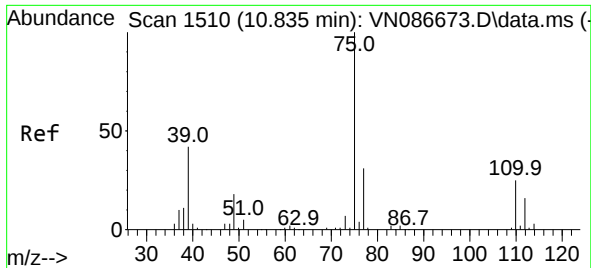
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#52
Toluene
Concen: 9.627 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

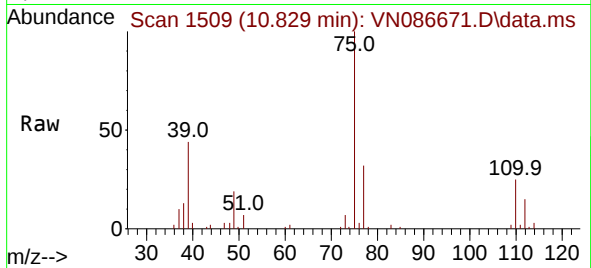
Tgt Ion: 92 Resp: 61995
Ion Ratio Lower Upper
92 100
91 173.6 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 8.850 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

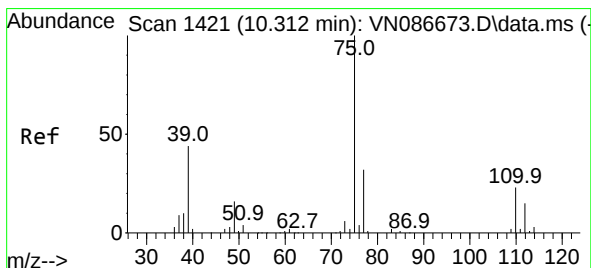
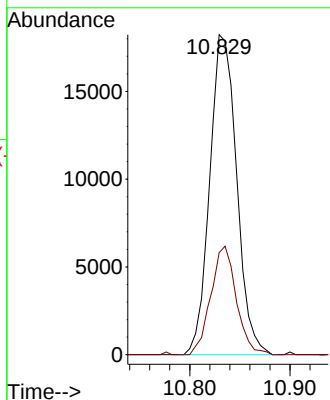
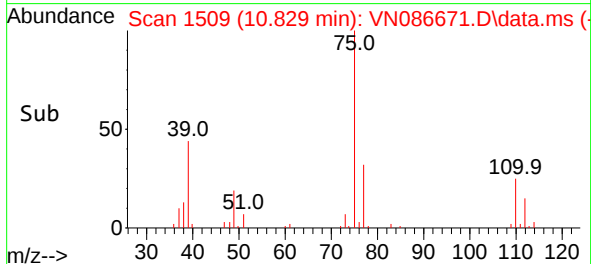
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 34038
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8

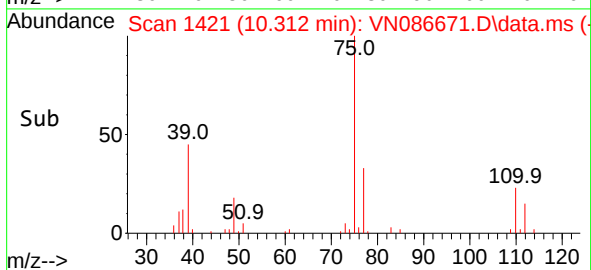
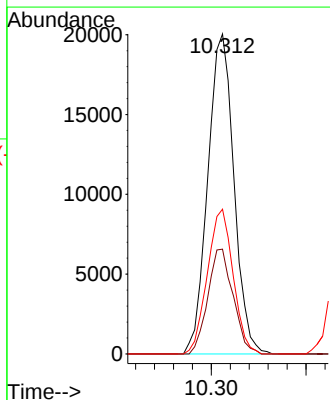
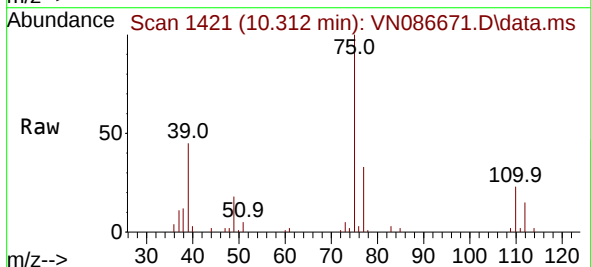
Manual Integrations
 APPROVED

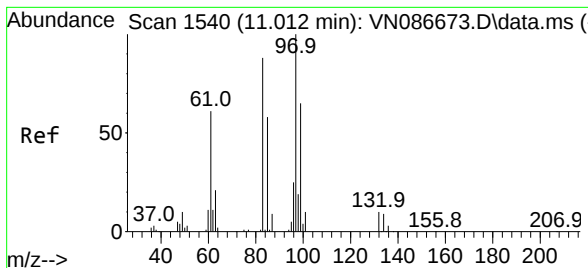
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 9.072 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

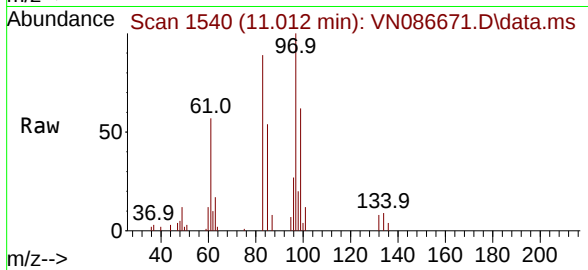
Tgt Ion: 75 Resp: 38382
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 45.3 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 9.795 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

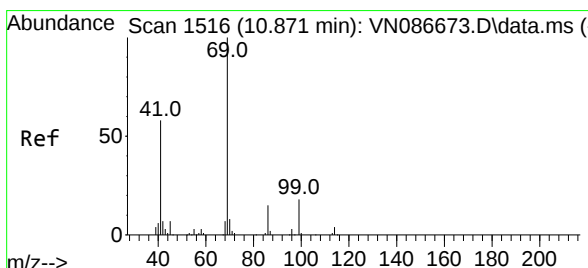
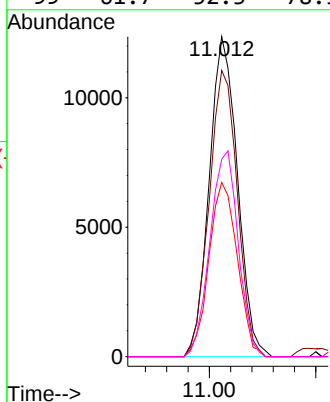
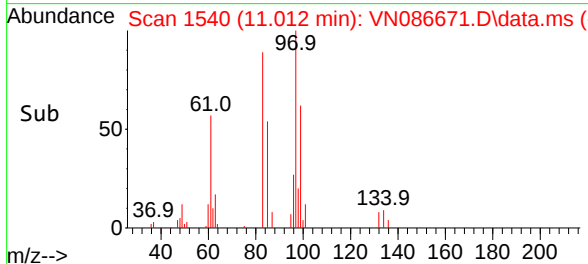
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



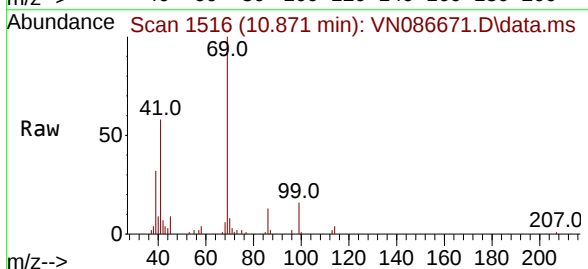
Tgt Ion:	97	Resp:	22750
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.4	105.6
85	54.4	46.1	69.1
99	61.7	52.3	78.5

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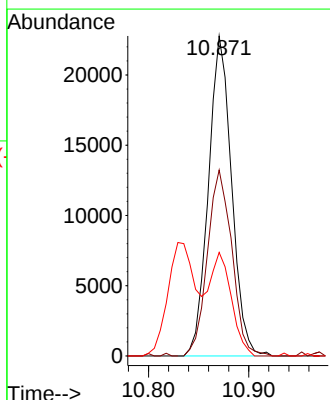
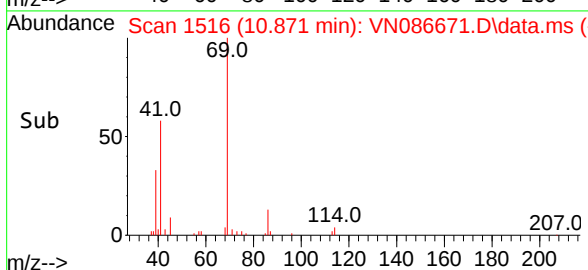
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

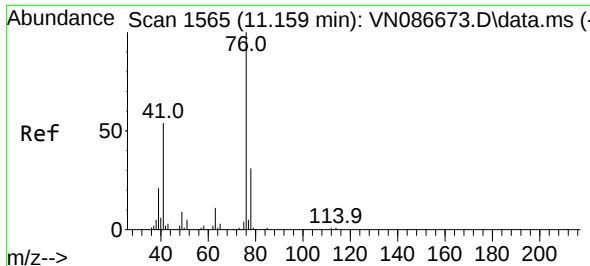


#56
Ethyl methacrylate
Concen: 8.636 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19



Tgt Ion:	69	Resp:	36596
Ion	Ratio	Lower	Upper
69	100		
41	61.4	47.4	71.0
39	31.1	24.0	36.0





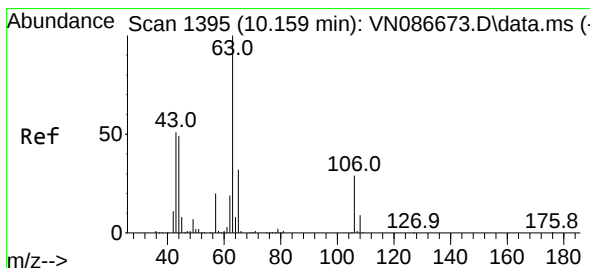
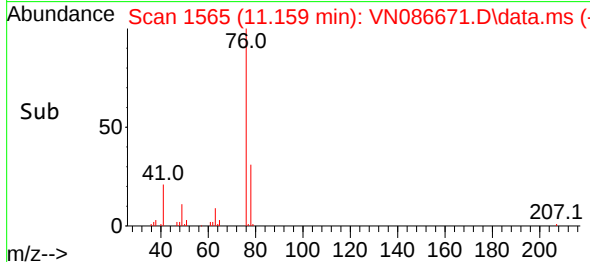
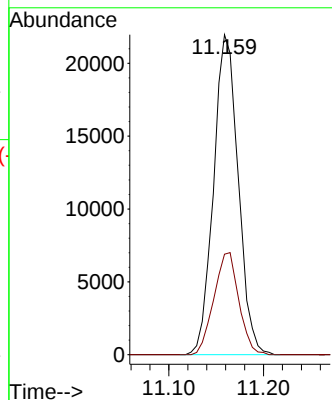
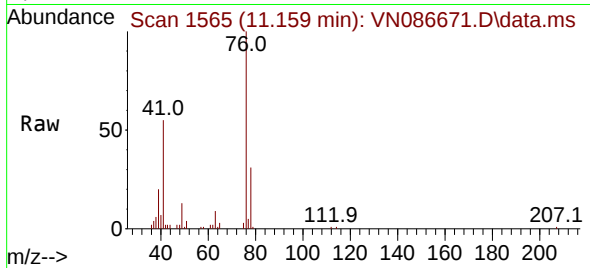
#57
1,3-Dichloropropane
Concen: 9.655 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 3970
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

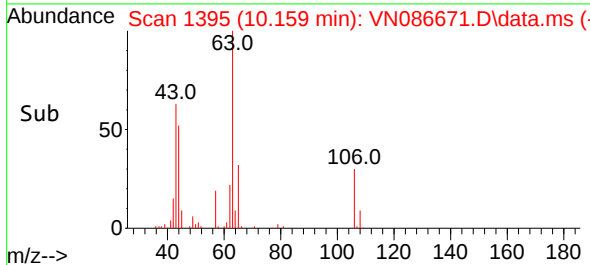
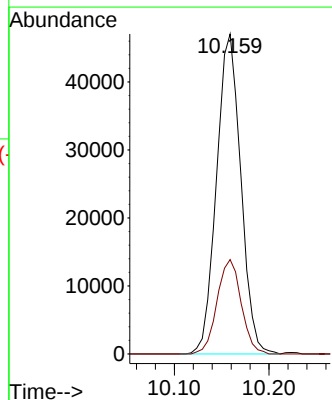
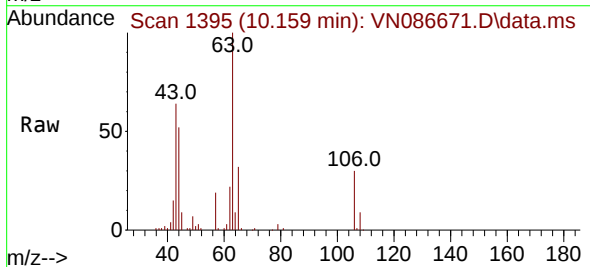
Manual Integrations
APPROVED

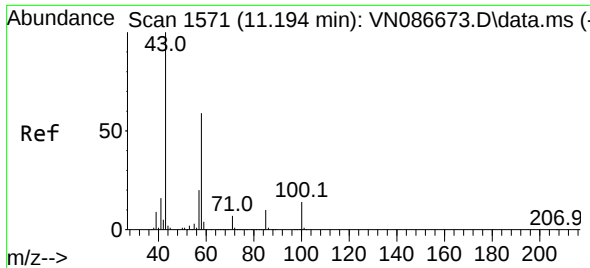
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 42.087 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 63 Resp: 83758
Ion Ratio Lower Upper
63 100
106 29.3 23.1 34.7





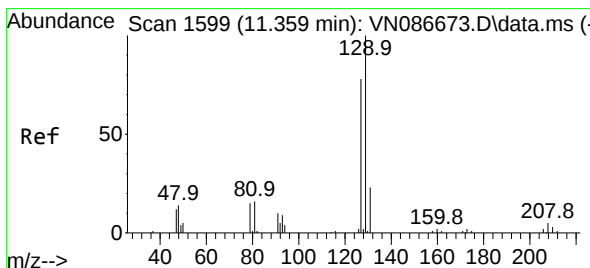
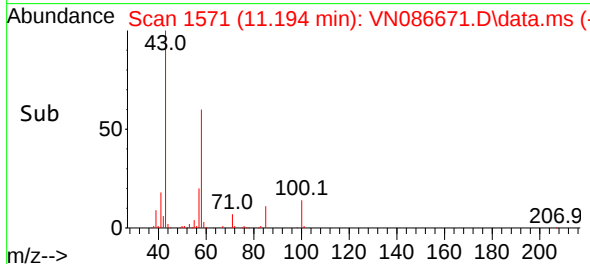
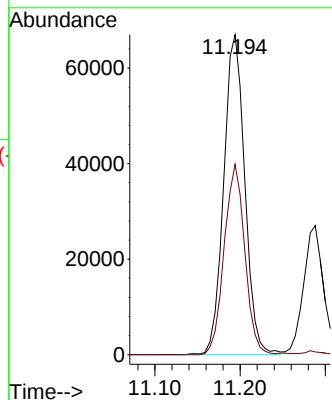
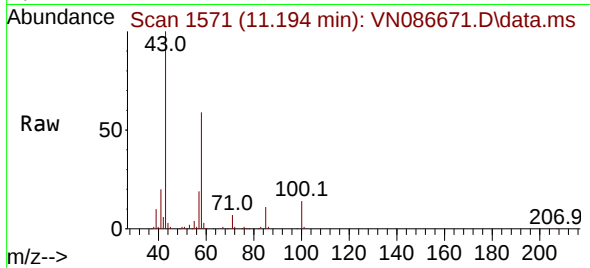
#59
2-Hexanone
Concen: 45.097 ug/l
RT: 11.194 min Scan# 11510
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 11510
Ion Ratio Lower Upper
43 100
58 58.1 29.8 89.5

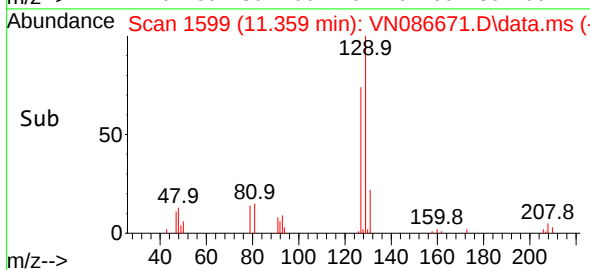
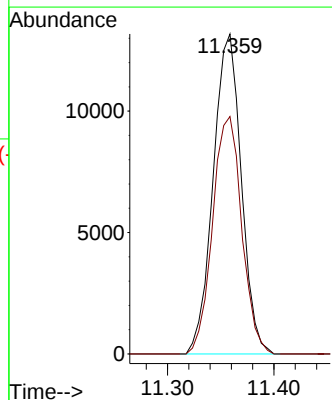
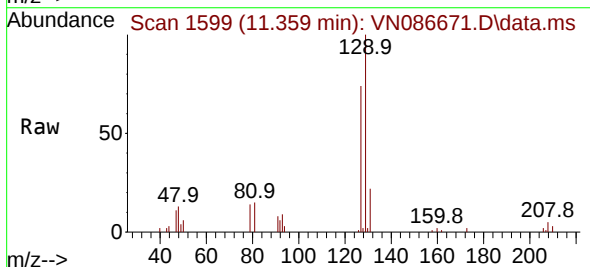
Manual Integrations
APPROVED

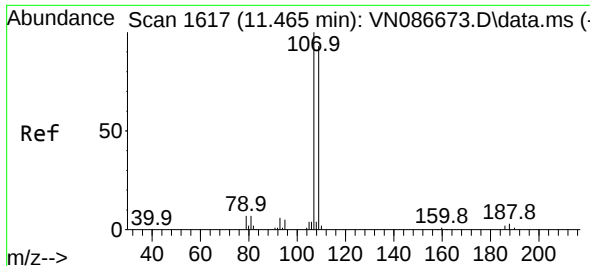
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#60
Dibromochloromethane
Concen: 9.497 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:129 Resp: 24137
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3





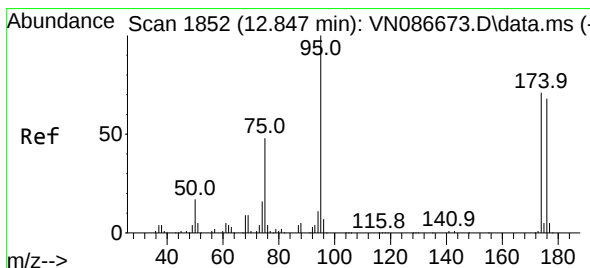
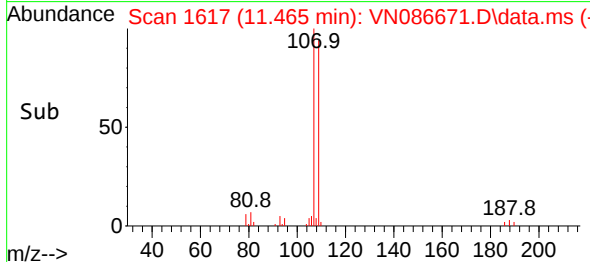
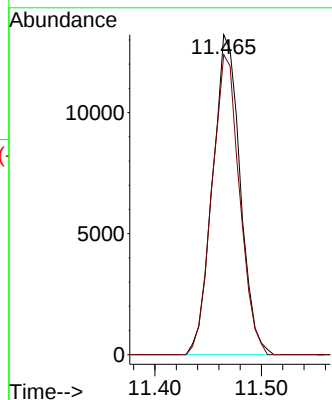
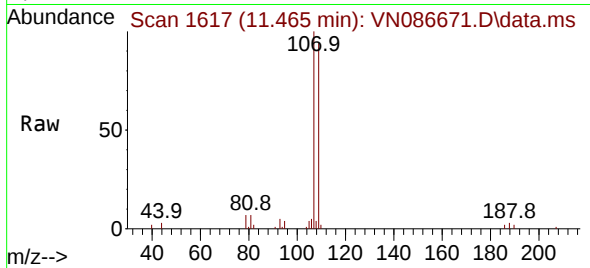
#61
1,2-Dibromoethane
Concen: 10.068 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 23669
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.4

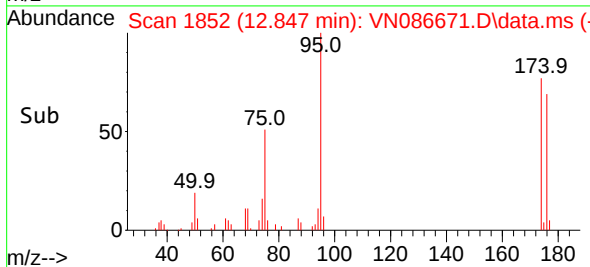
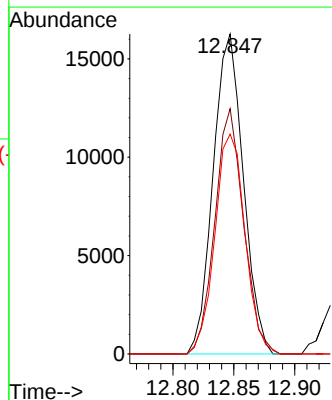
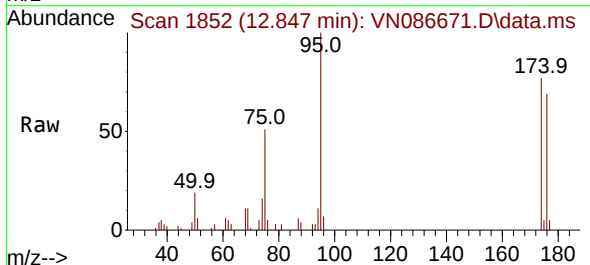
Manual Integrations
APPROVED

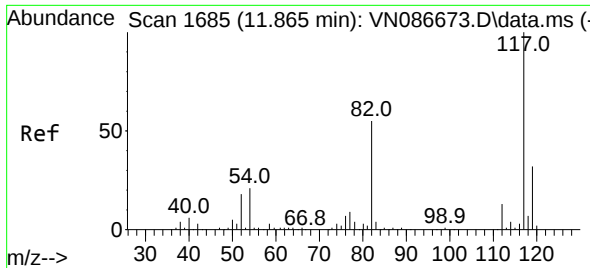
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#62
4-Bromofluorobenzene
Concen: 8.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

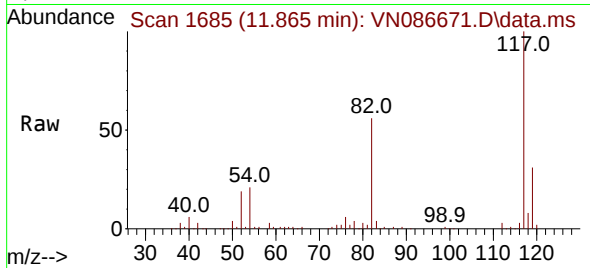
Tgt Ion: 95 Resp: 28023
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.4
176 68.7 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

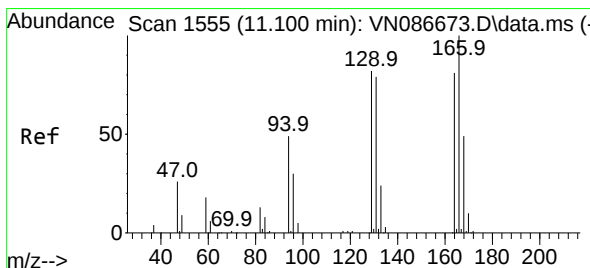
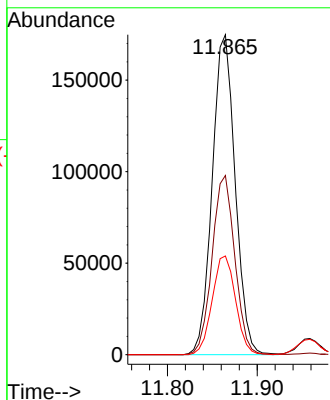
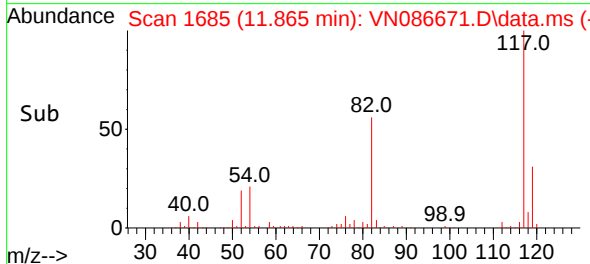
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 31040
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 30.8 25.4 38.2

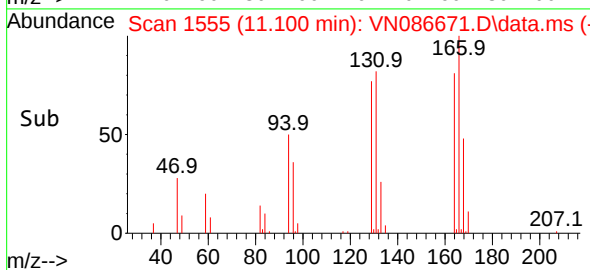
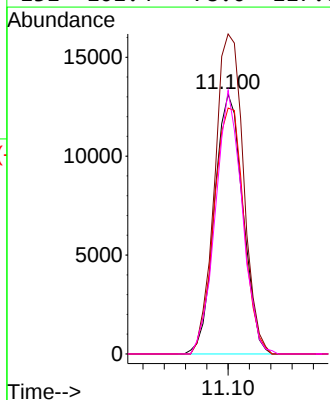
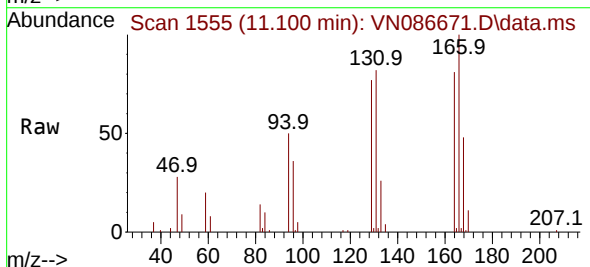
Manual Integrations
APPROVED

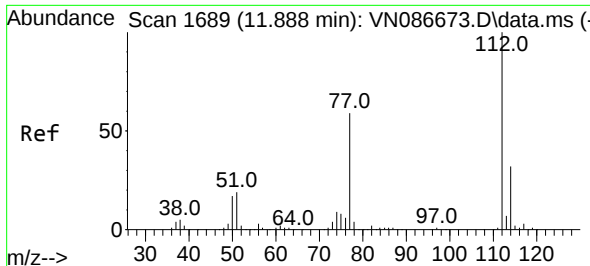
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#64
Tetrachloroethene
Concen: 10.197 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:164 Resp: 24331
Ion Ratio Lower Upper
164 100
166 123.2 98.2 147.4
129 94.7 81.0 121.4
131 101.4 78.0 117.0





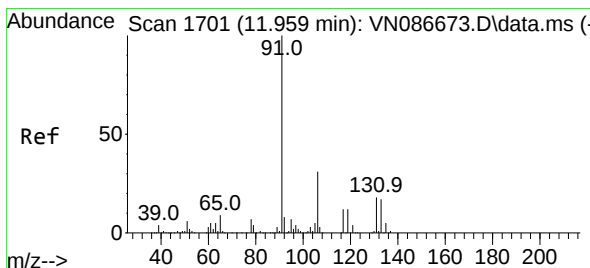
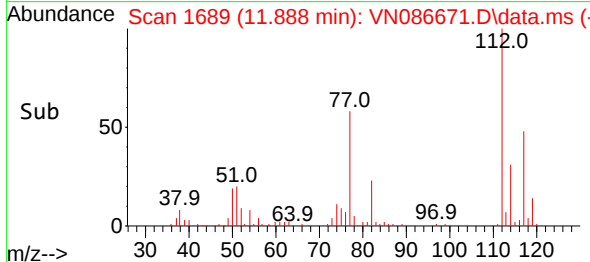
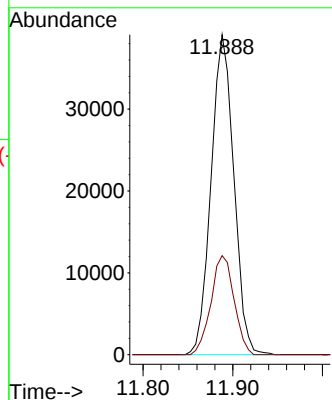
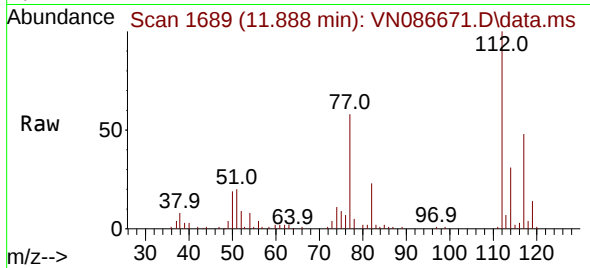
#65
Chlorobenzene
Concen: 9.924 ug/l
RT: 11.888 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 6884
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9

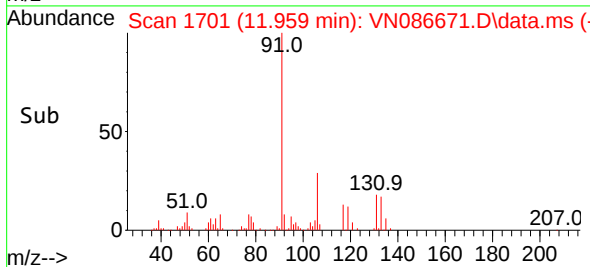
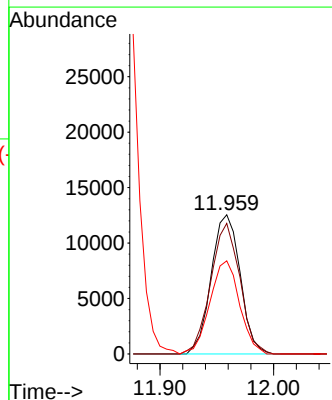
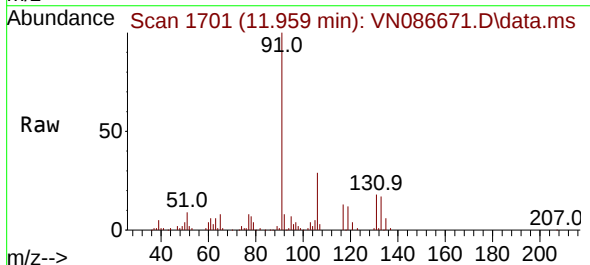
Manual Integrations
APPROVED

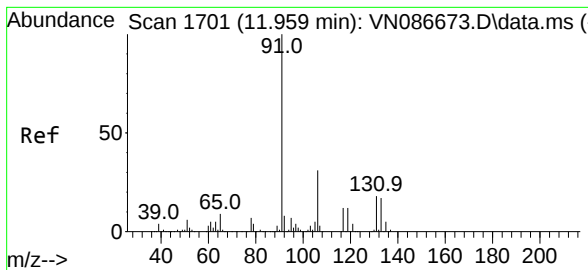
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 9.708 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:131 Resp: 22204
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 68.5 33.6 100.8





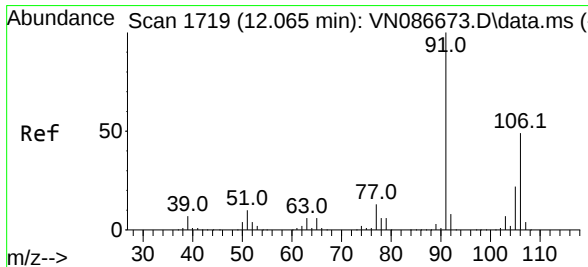
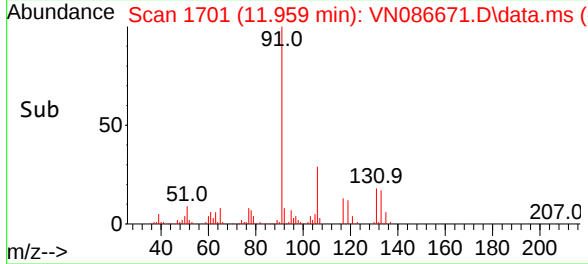
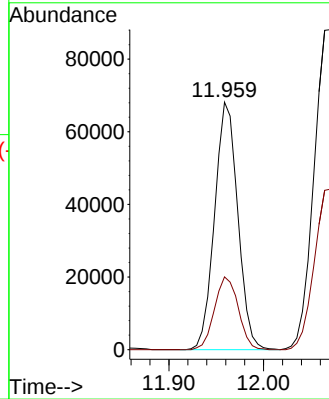
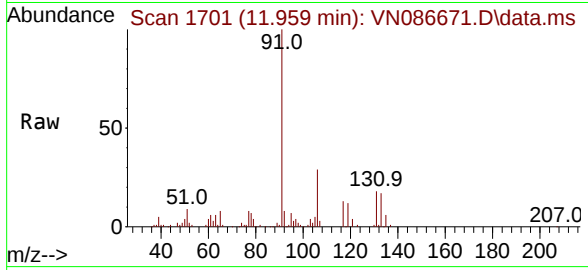
#67
Ethyl Benzene
Concen: 9.322 ug/l
RT: 11.959 min Scan# 11602
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 11602
Ion Ratio Lower Upper
91 100
106 29.4 24.6 36.8

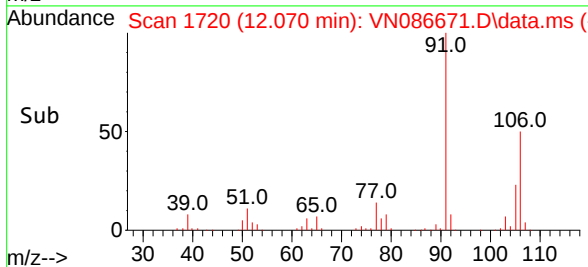
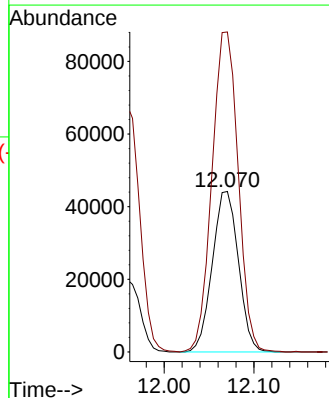
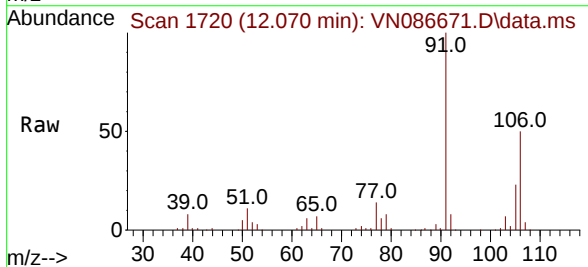
Manual Integrations
APPROVED

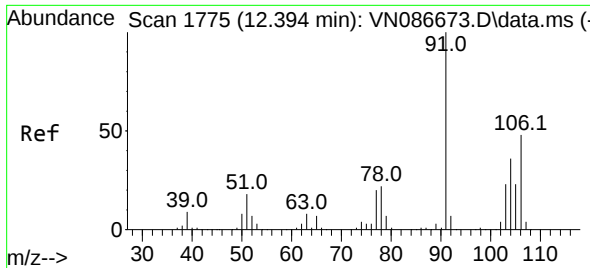
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#68
m/p-Xylenes
Concen: 19.076 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:106 Resp: 89159
Ion Ratio Lower Upper
106 100
91 200.4 162.4 243.6





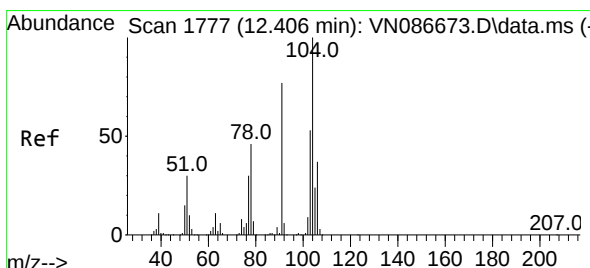
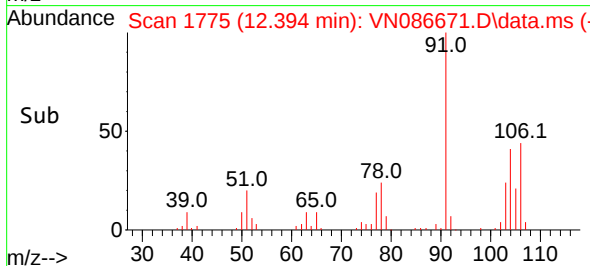
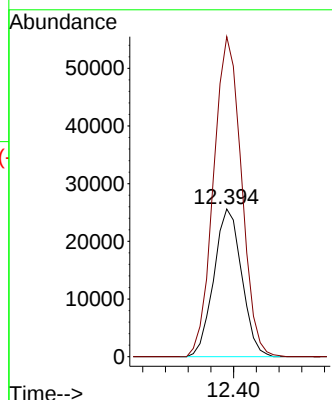
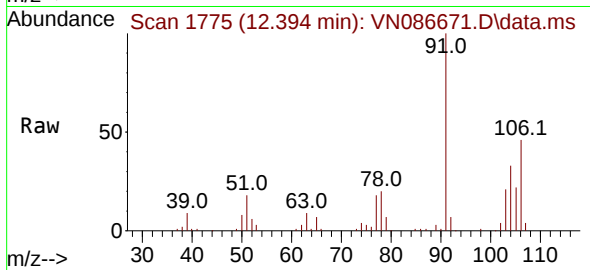
#69
o-Xylene
Concen: 9.401 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 43629
Ion Ratio Lower Upper
106 100
91 217.1 105.1 315.1

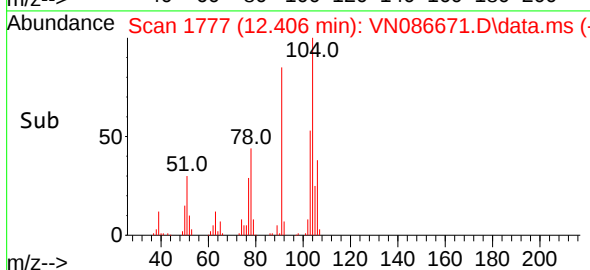
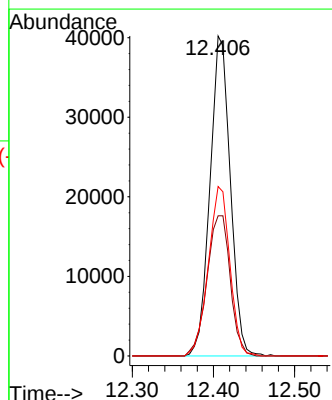
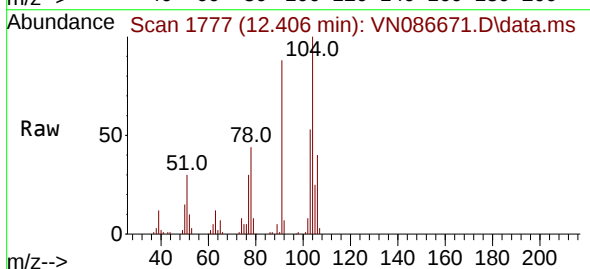
Manual Integrations
APPROVED

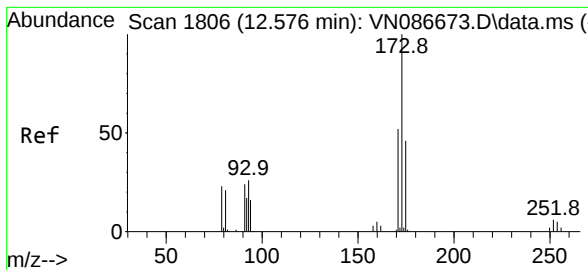
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#70
Styrene
Concen: 9.099 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:104 Resp: 70053
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.6
103 56.0 43.8 65.8





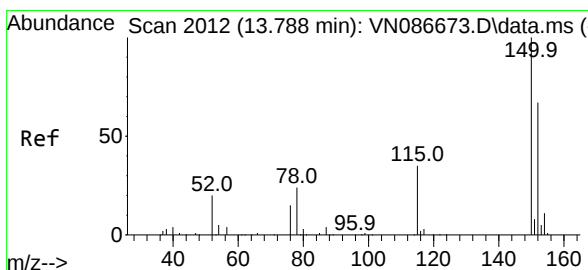
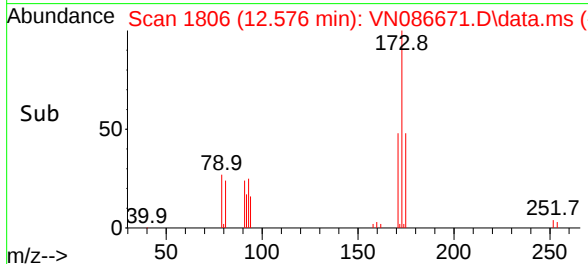
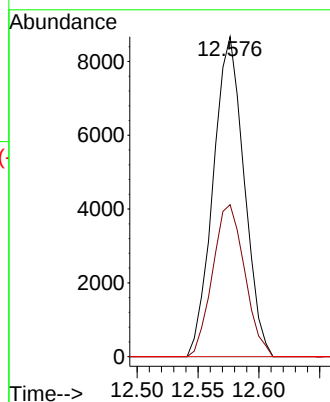
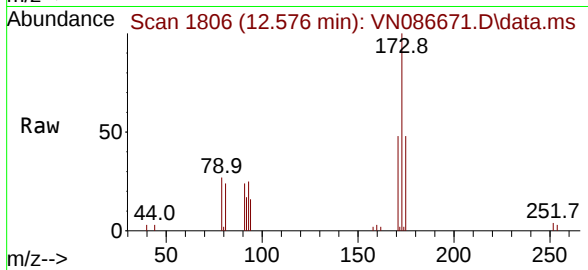
#71
Bromoform
Concen: 8.916 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:173 Resp: 15340
Ion Ratio Lower Upper
173 100
175 49.2 23.4 70.2
254 0.0 0.0 0.0

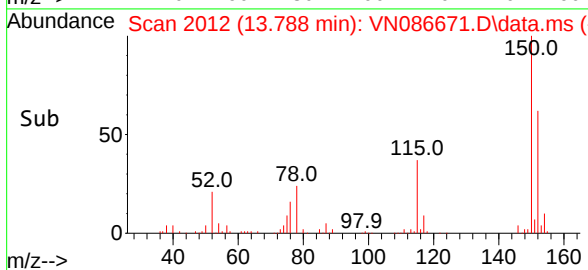
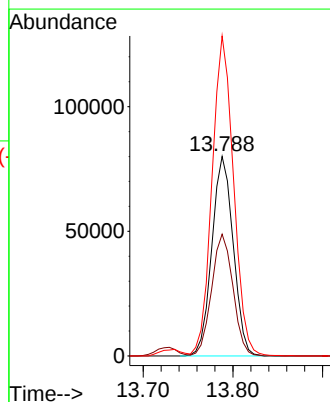
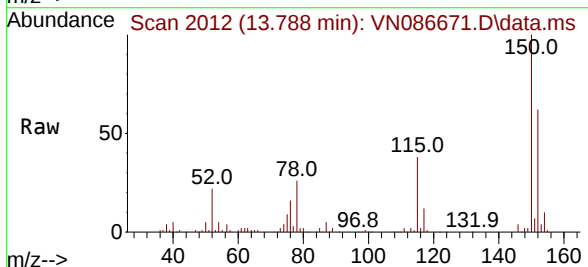
Manual Integrations
APPROVED

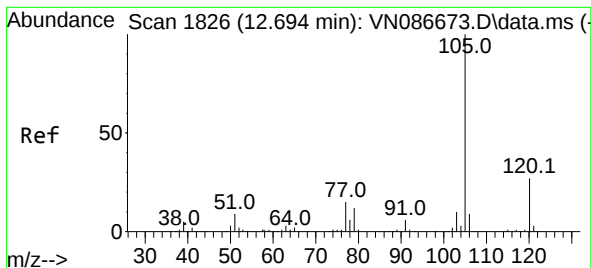
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:152 Resp: 132166
Ion Ratio Lower Upper
152 100
115 61.1 30.0 90.1
150 161.5 0.0 347.8





#73

Isopropylbenzene

Concen: 9.616 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 103170

Ion Ratio Lower Upper

105 100

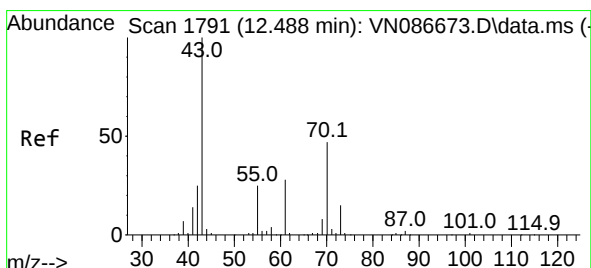
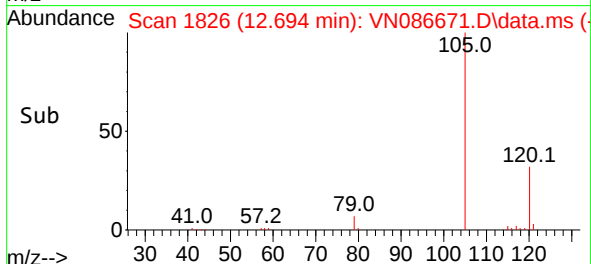
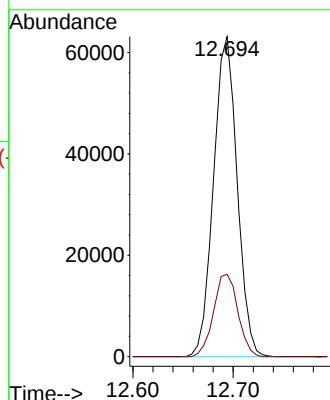
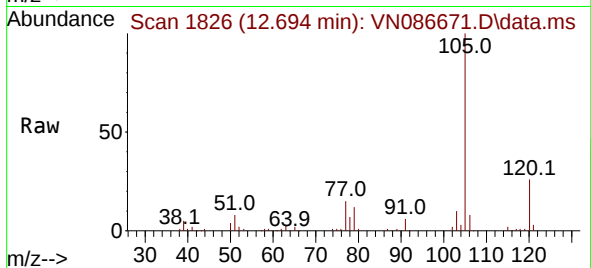
120 26.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#74

N-ethyl acetate

Concen: 8.299 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Tgt Ion: 43 Resp: 43684

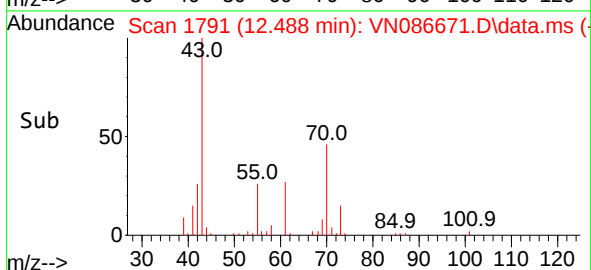
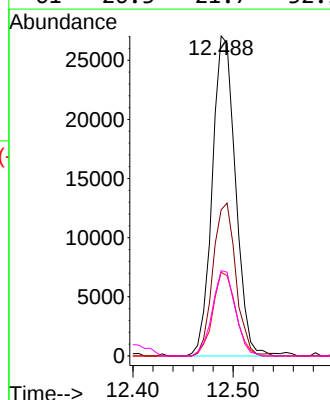
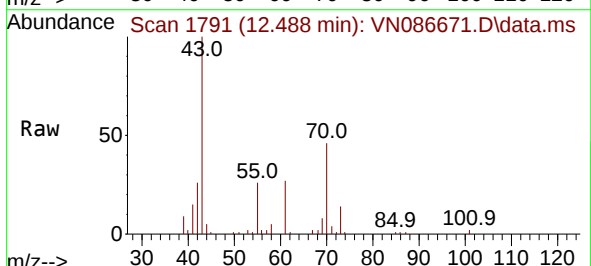
Ion Ratio Lower Upper

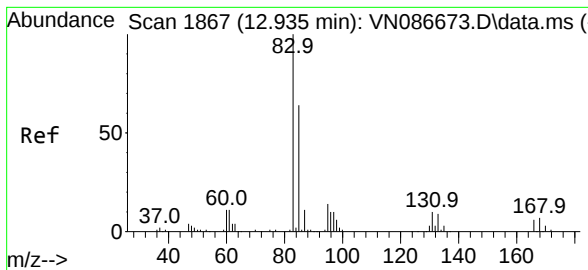
43 100

70 46.9 37.9 56.9

55 25.7 20.5 30.7

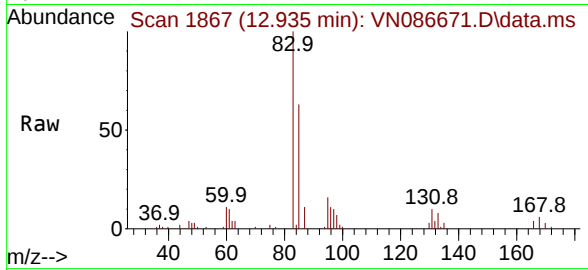
61 26.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 10.640 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

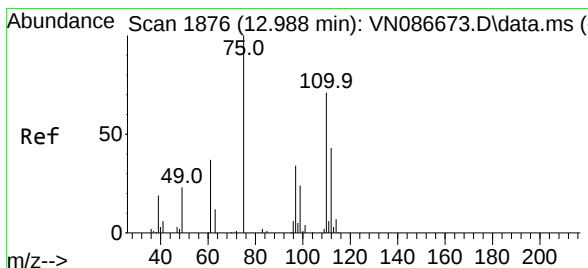
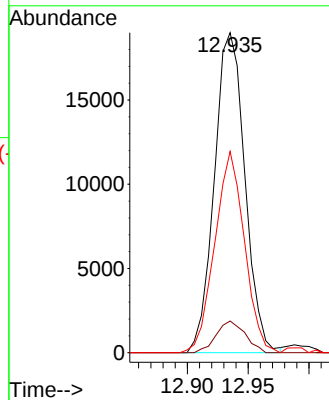
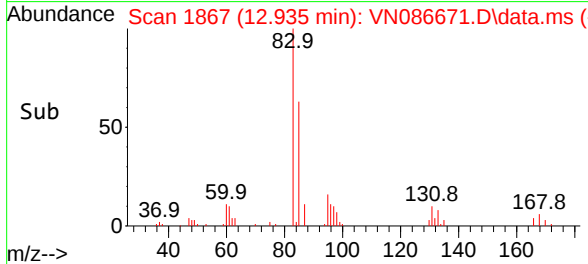
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 3316
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 60.9 32.4 97.2

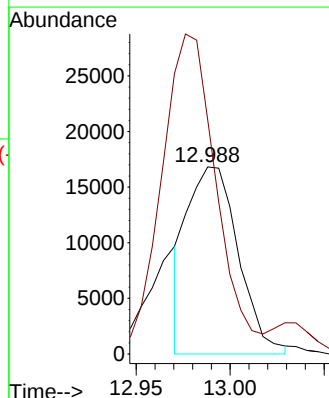
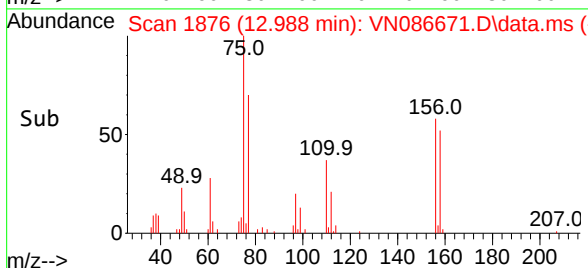
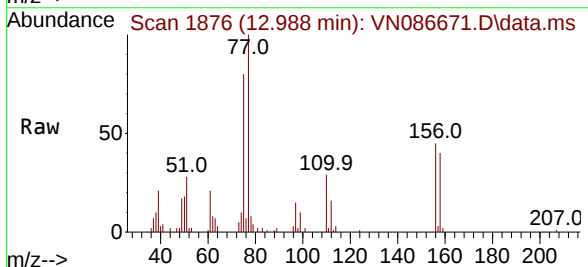
Manual Integrations
APPROVED

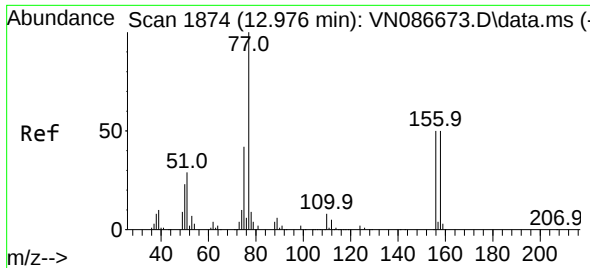
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#76
1,2,3-Trichloropropane
Concen: 10.213 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 75 Resp: 31781
Ion Ratio Lower Upper
75 100
77 183.3 96.0 288.1





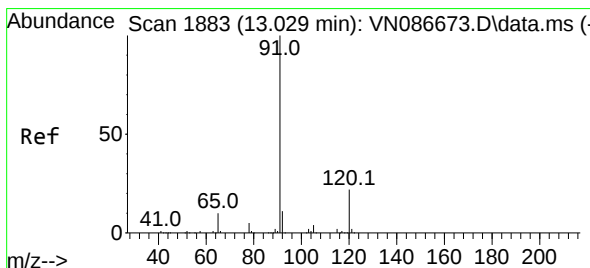
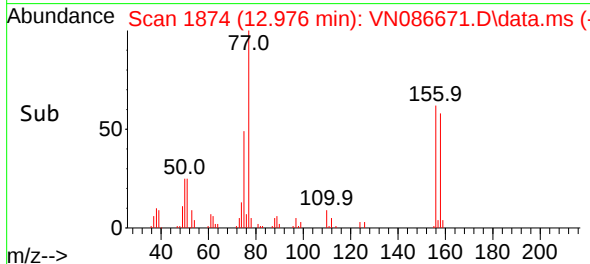
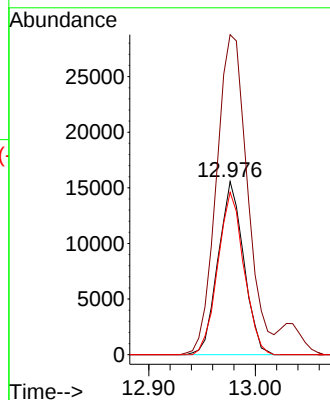
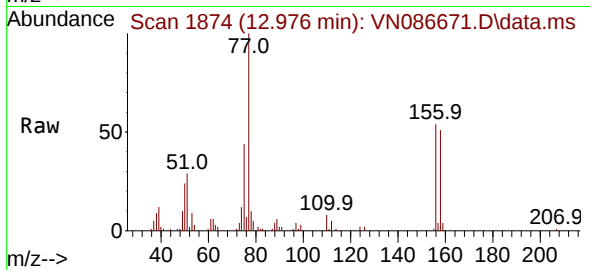
#77
Bromobenzene
Concen: 10.785 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:156 Resp: 25930
Ion Ratio Lower Upper
156 100
77 224.6 113.1 339.2
158 95.6 48.6 145.9

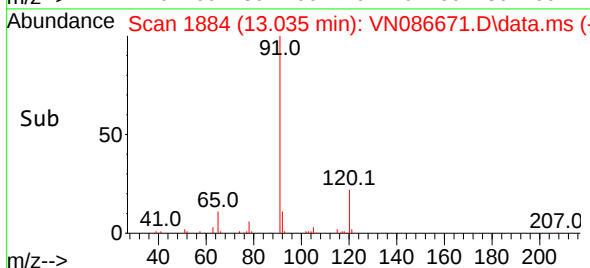
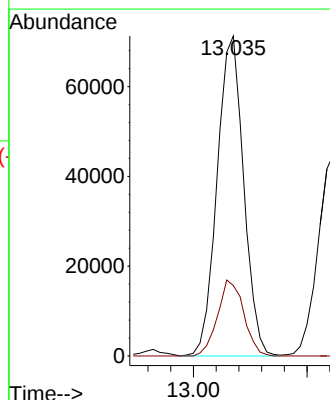
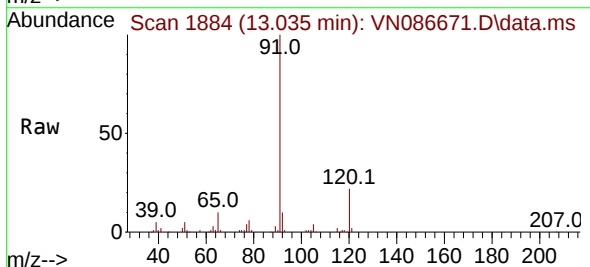
Manual Integrations
APPROVED

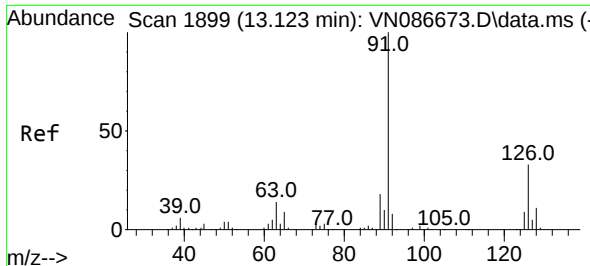
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#78
n-propylbenzene
Concen: 9.188 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 91 Resp: 115866
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.1





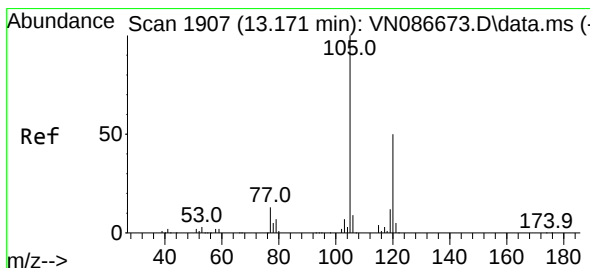
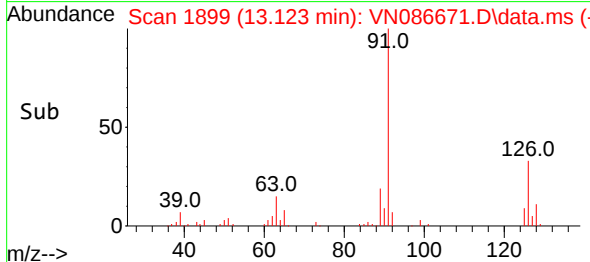
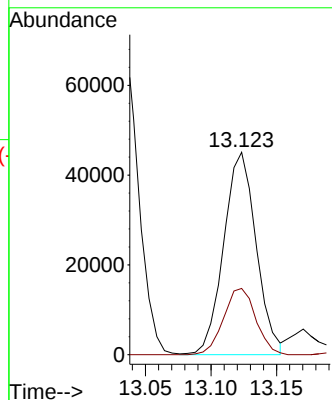
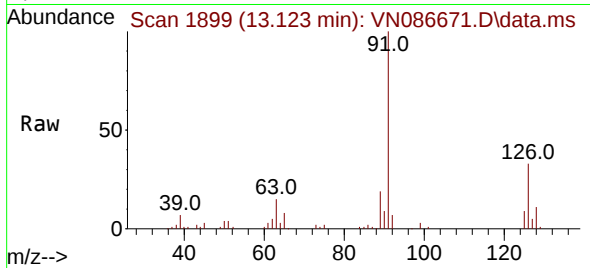
#79
2-Chlorotoluene
Concen: 9.808 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 77792
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.7

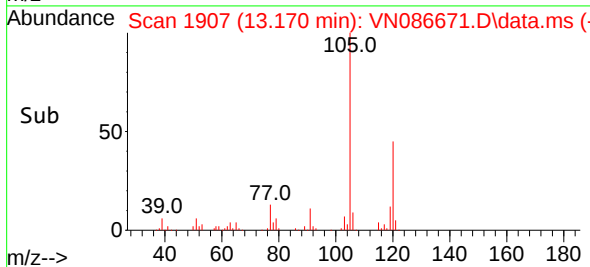
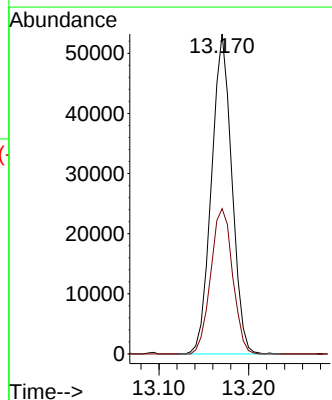
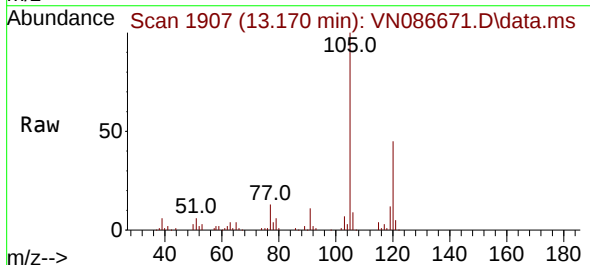
Manual Integrations
APPROVED

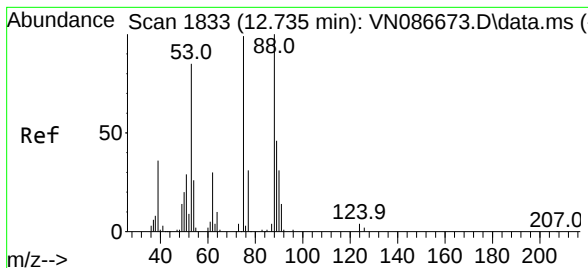
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.534 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:105 Resp: 83733
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.6





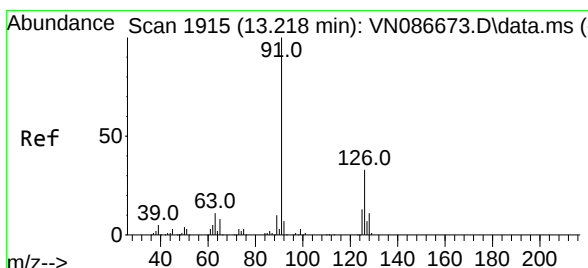
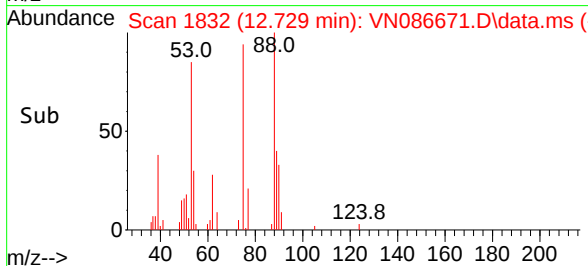
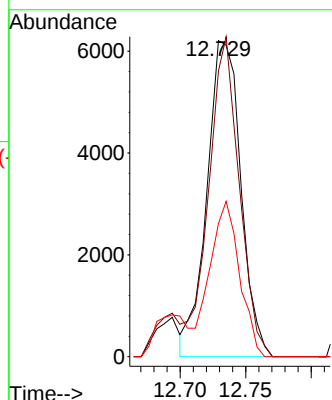
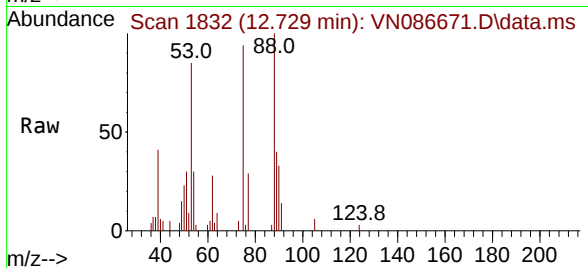
#81
trans-1,4-Dichloro-2-butene
Concen: 8.635 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 1116
Ion Ratio Lower Upper
75 100
53 91.7 70.4 105.6
89 42.3 32.4 48.6

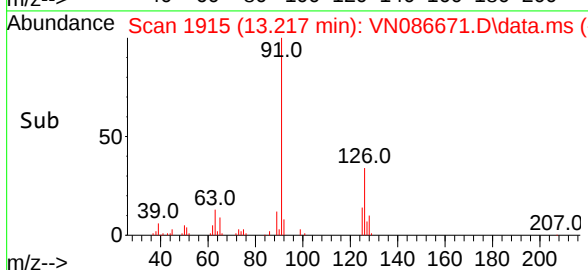
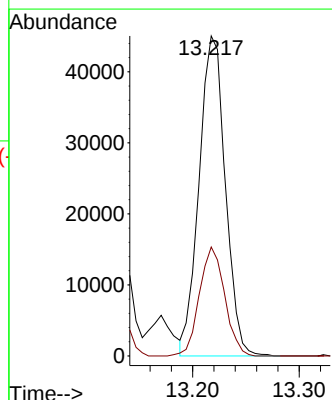
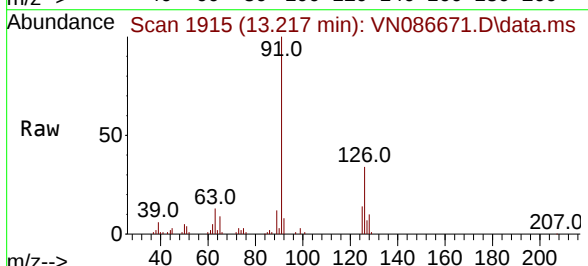
Manual Integrations
APPROVED

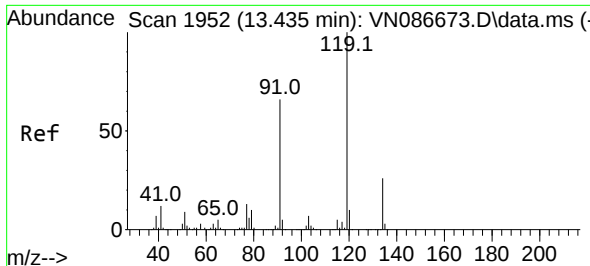
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#82
4-Chlorotoluene
Concen: 9.839 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion: 91 Resp: 77247
Ion Ratio Lower Upper
91 100
126 32.8 17.0 50.9





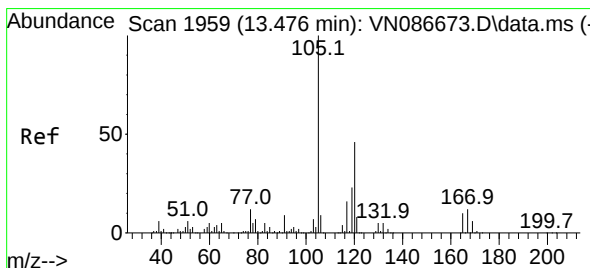
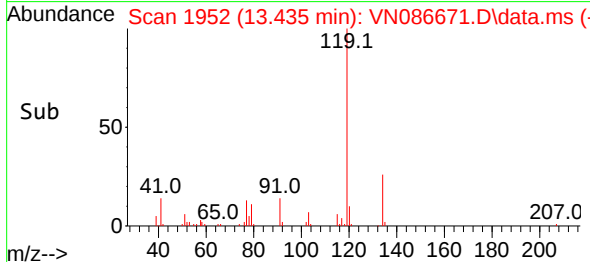
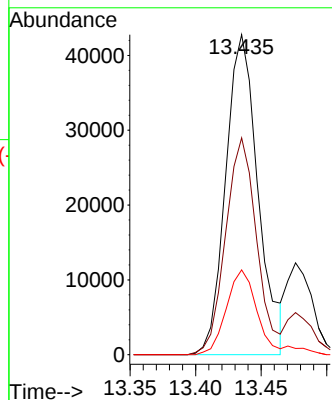
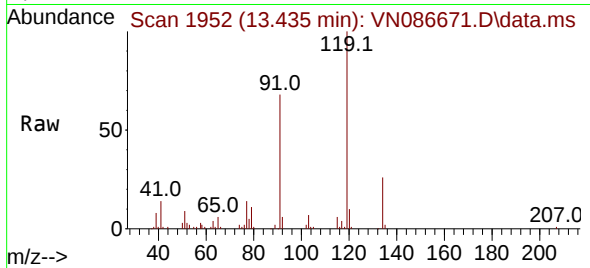
#83
tert-Butylbenzene
Concen: 9.647 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 73500
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.7
134 26.4 13.4 40.1

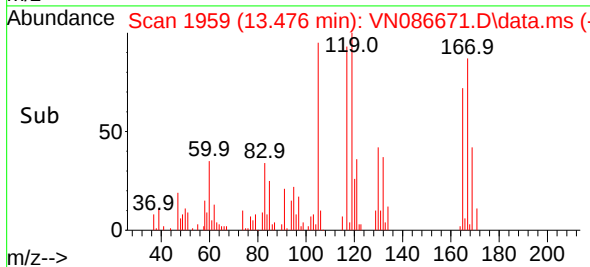
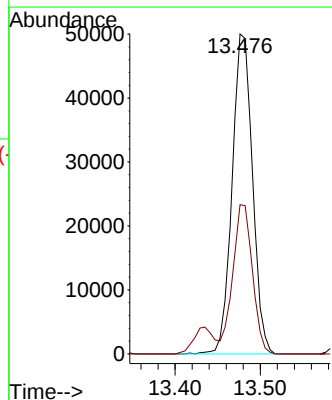
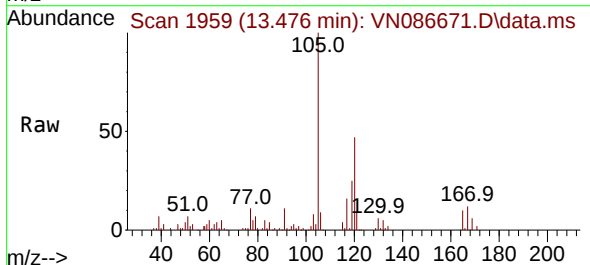
Manual Integrations
APPROVED

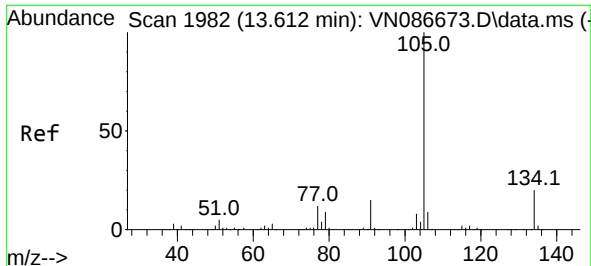
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 9.310 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

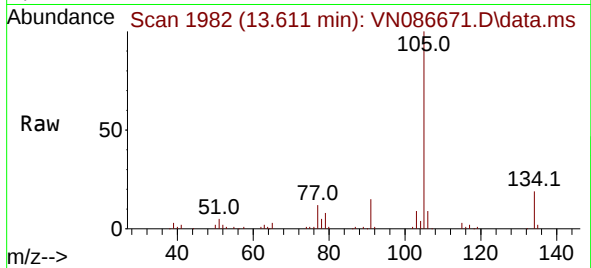
Tgt Ion:105 Resp: 83086
Ion Ratio Lower Upper
105 100
120 44.8 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 9.441 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

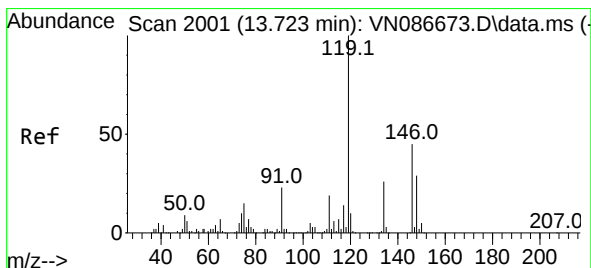
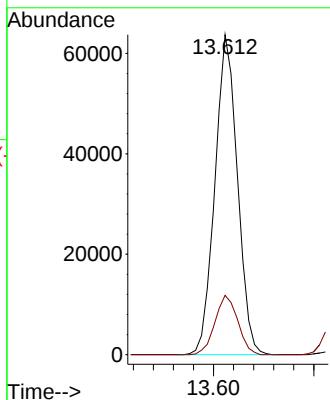
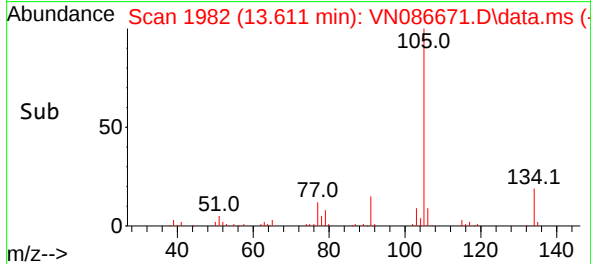
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



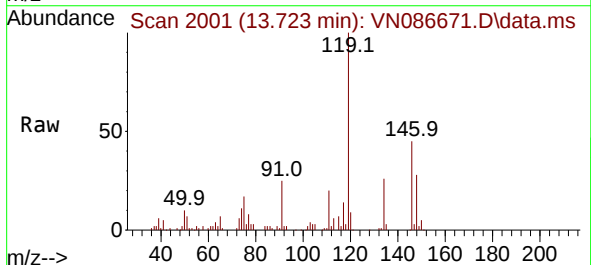
Tgt Ion:105 Resp: 99120
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.1 30.1

Manual Integrations
 APPROVED

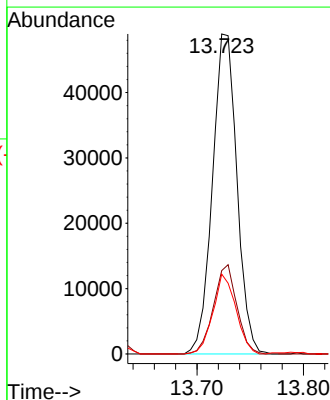
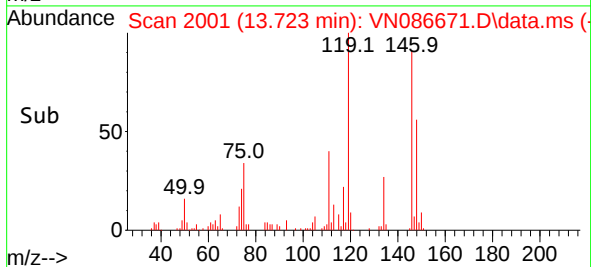
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

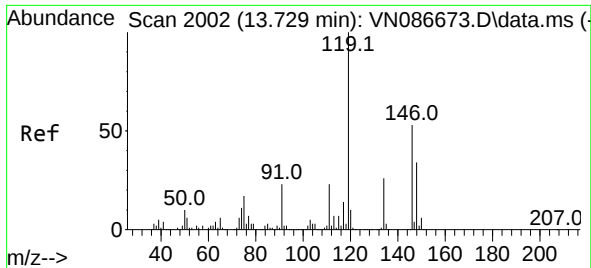


#86
 p-Isopropyltoluene
 Concen: 9.023 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19



Tgt Ion:119 Resp: 78078
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 23.4 11.5 34.5





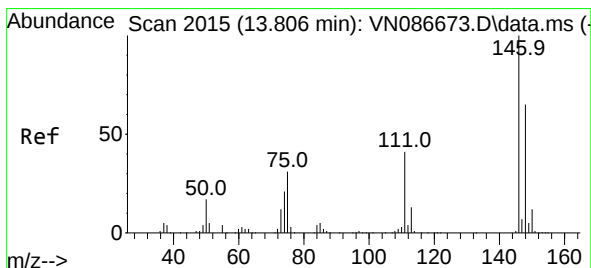
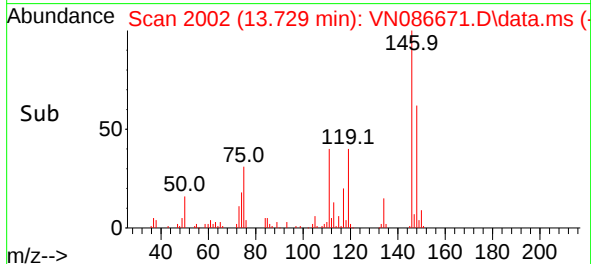
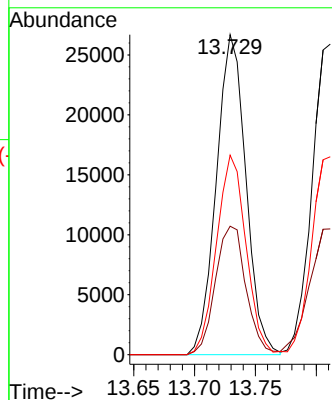
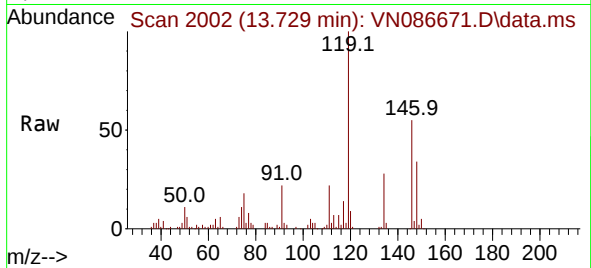
#87
 1,3-Dichlorobenzene
 Concen: 10.027 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 4512
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.7
 148 62.4 31.8 95.4

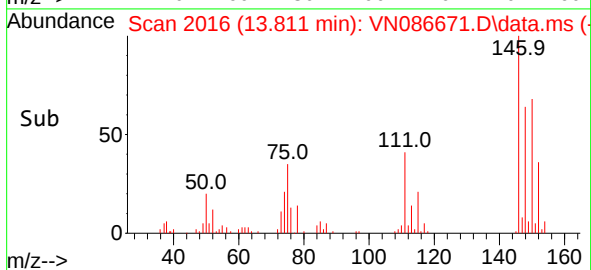
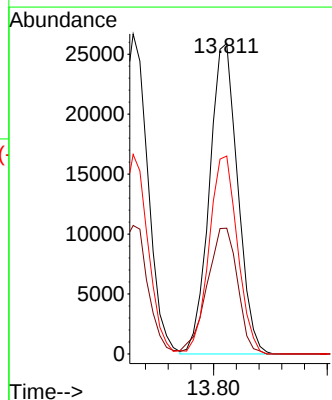
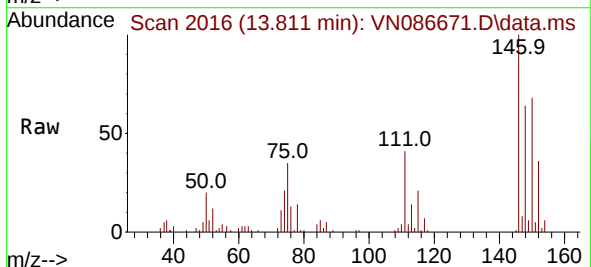
Manual Integrations
 APPROVED

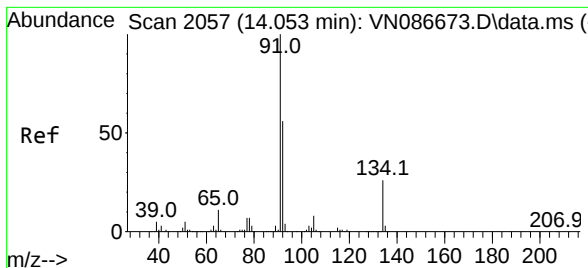
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#88
 1,4-Dichlorobenzene
 Concen: 9.907 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN086671.D
 Acq: 16 May 2025 17:19

Tgt Ion:146 Resp: 44799
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.6 61.8
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 8.345 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

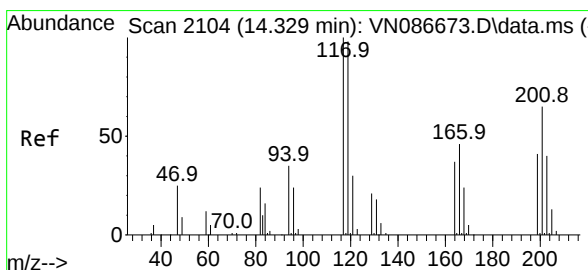
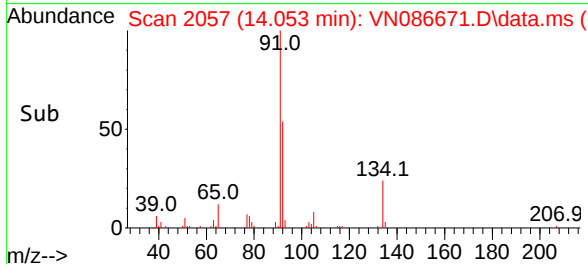
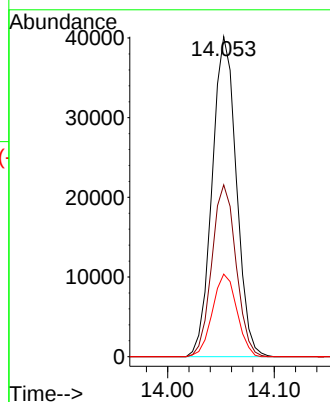
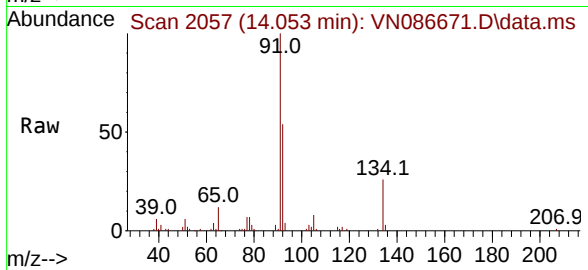
Tgt Ion:	91	Resp:	6338
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.4	82.0
134	26.0	12.8	38.4

Manual Integrations

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Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#90

Hexachloroethane

Concen: 8.934 ug/l

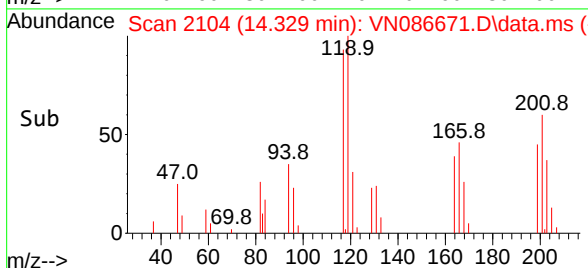
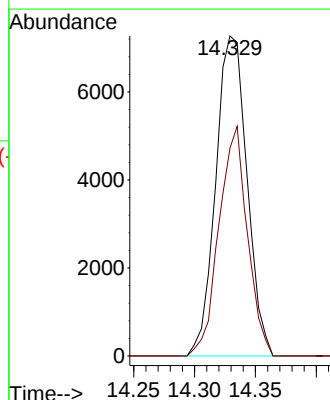
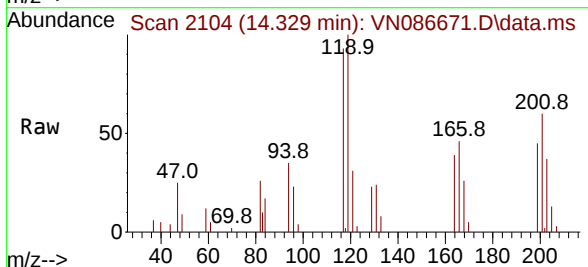
RT: 14.329 min Scan# 2104

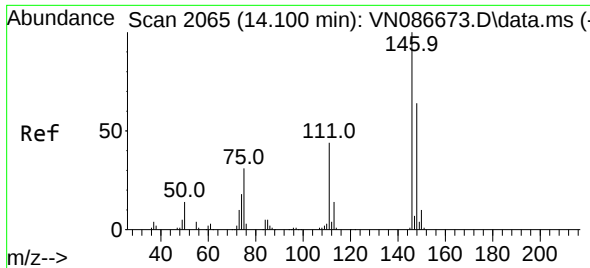
Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Tgt Ion:	117	Resp:	13004
Ion	Ratio	Lower	Upper
117	100		
201	65.2	32.0	96.0





#91

1,2-Dichlorobenzene

Concen: 9.912 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 4323

Ion Ratio Lower Upper

146 100

111 41.7 21.6 65.0

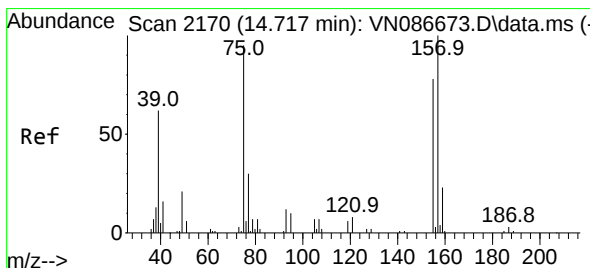
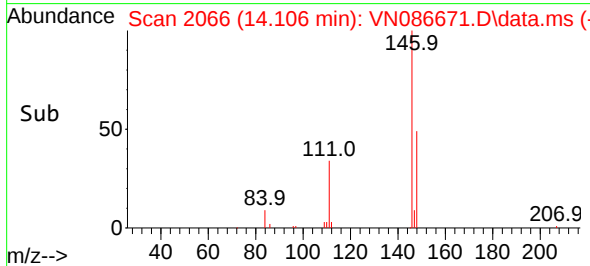
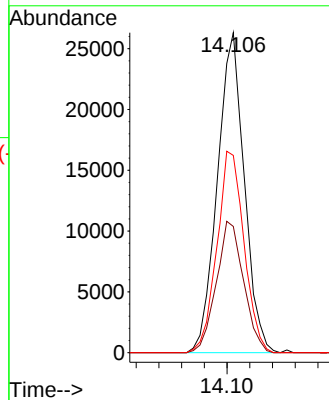
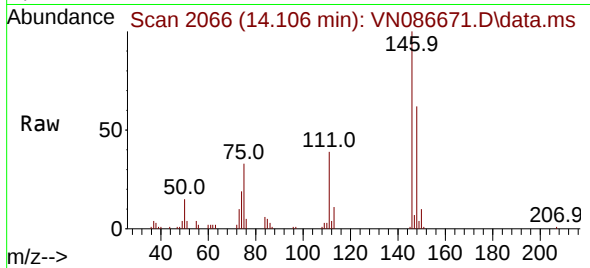
148 63.6 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.321 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086671.D

Acq: 16 May 2025 17:19

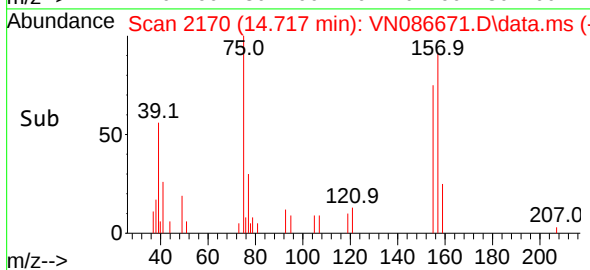
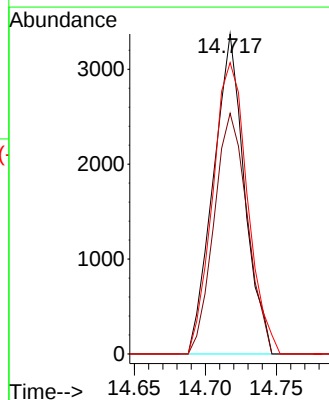
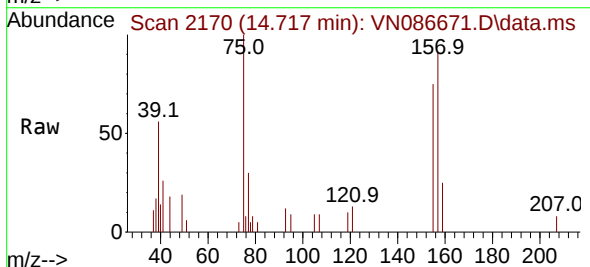
Tgt Ion: 75 Resp: 5136

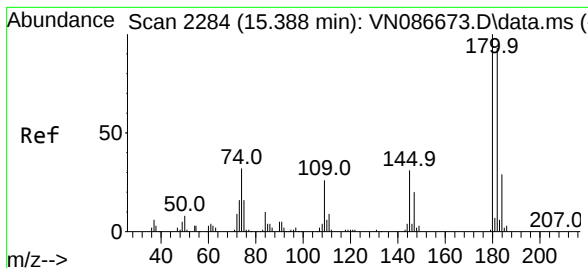
Ion Ratio Lower Upper

75 100

155 80.5 40.5 121.5

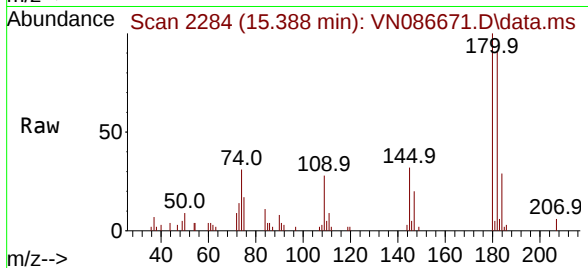
157 101.8 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 8.463 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

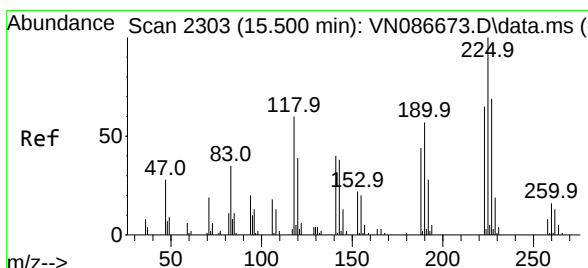
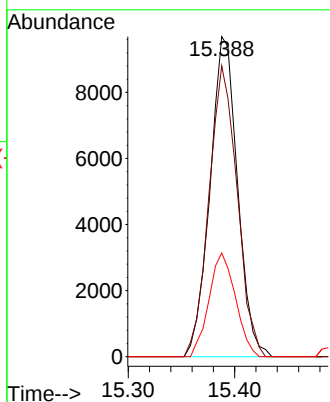
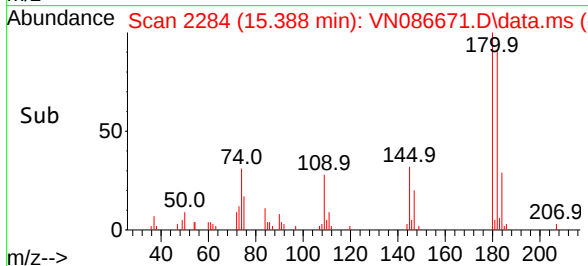
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



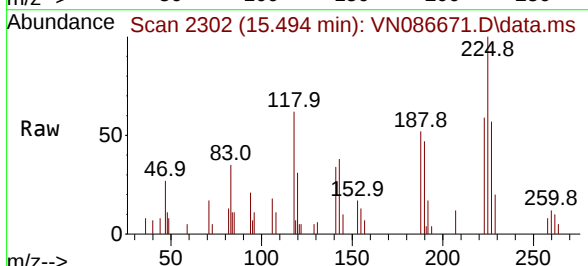
Tgt Ion:180 Resp: 17399
Ion Ratio Lower Upper
180 100
182 92.8 47.1 141.3
145 31.2 15.6 46.8

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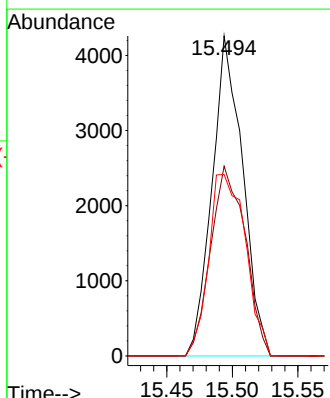
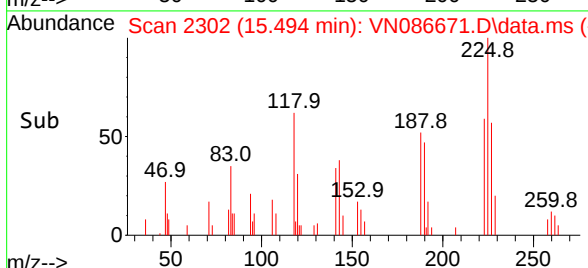
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

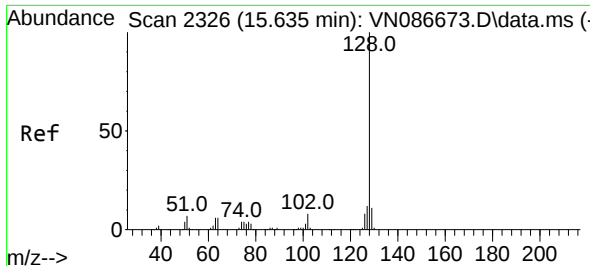


#94
Hexachlorobutadiene
Concen: 8.850 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19



Tgt Ion:225 Resp: 6916
Ion Ratio Lower Upper
225 100
223 66.8 32.9 98.6
227 68.1 32.4 97.2





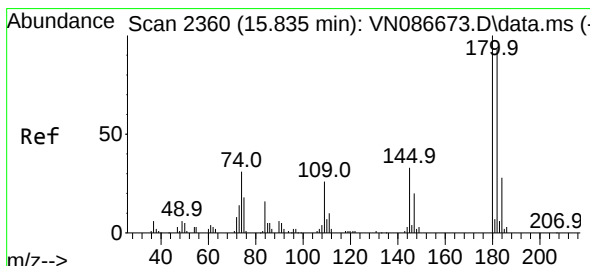
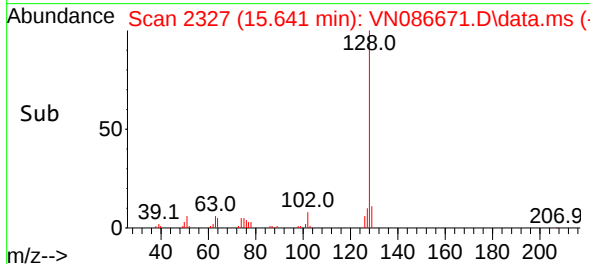
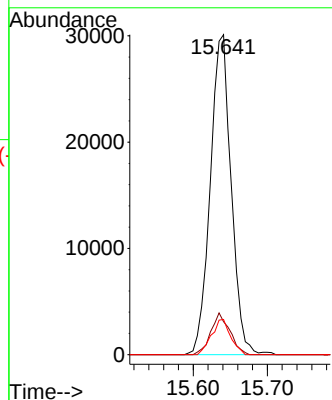
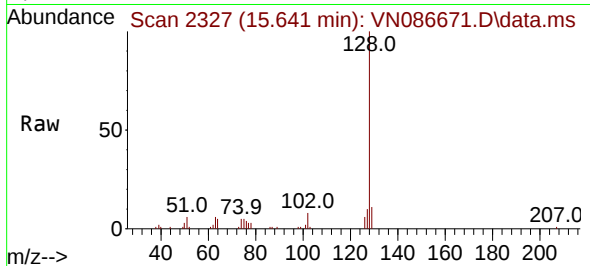
#95
Naphthalene
Concen: 8.080 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 5896
Ion Ratio Lower Upper
128 100
127 11.9 10.1 15.1
129 10.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 8.970 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086671.D
Acq: 16 May 2025 17:19

Tgt Ion:180 Resp: 17539
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.2
145 33.2 16.7 50.1

