

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052325\
 Data File : VN086774.D
 Acq On : 23 May 2025 15:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2025
 Supervised By : Mahesh Dadoda 05/27/2025

Quant Time: May 24 02:33:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	267951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	460732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	406821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	184712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158639	42.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.700%		
35) Dibromofluoromethane	8.159	113	138936	50.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.280%		
50) Toluene-d8	10.565	98	579123	50.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.860%		
62) 4-Bromofluorobenzene	12.847	95	205938	51.293	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140368	48.508	ug/l	95
3) Chloromethane	2.359	50	182670	41.736	ug/l	99
4) Vinyl Chloride	2.518	62	173162	44.054	ug/l	95
5) Bromomethane	2.953	94	91459	40.362	ug/l	90
6) Chloroethane	3.118	64	108259	42.043	ug/l	97
7) Trichlorofluoromethane	3.500	101	214880	45.744	ug/l	98
8) Diethyl Ether	3.953	74	88286	45.496	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	135292	48.109	ug/l	96
10) Methyl Iodide	4.589	142	153285	43.819	ug/l	99
11) Tert butyl alcohol	5.506	59	111367	165.151	ug/l	100
12) 1,1-Dichloroethene	4.342	96	136751	45.757	ug/l	97
13) Acrolein	4.171	56	192036	266.392	ug/l	99
14) Allyl chloride	5.018	41	185654	41.041	ug/l	93
15) Acrylonitrile	5.712	53	324323	194.248	ug/l	100
16) Acetone	4.418	43	272032	196.411	ug/l	95
17) Carbon Disulfide	4.712	76	358039	43.270	ug/l	99
18) Methyl Acetate	5.018	43	150302	38.773	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	456557	44.865	ug/l	99
20) Methylene Chloride	5.277	84	155264	42.481	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	144105	45.605	ug/l	99
22) Diisopropyl ether	6.665	45	430687	42.202	ug/l	96
23) Vinyl Acetate	6.594	43	1490333	194.305	ug/l	96
24) 1,1-Dichloroethane	6.565	63	259436	43.298	ug/l	100
25) 2-Butanone	7.477	43	395080	184.597	ug/l	95
26) 2,2-Dichloropropane	7.483	77	230696	46.655	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	174447	44.977	ug/l	98
28) Bromochloromethane	7.806	49	113144	41.562	ug/l	84
29) Tetrahydrofuran	7.835	42	252536	180.775	ug/l	95
30) Chloroform	7.959	83	261992	43.686	ug/l	97
31) Cyclohexane	8.253	56	224530	40.405	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	223622	44.226	ug/l	97
36) 1,1-Dichloropropene	8.365	75	192387	47.535	ug/l	99
37) Ethyl Acetate	7.553	43	155773	38.102	ug/l	99
38) Carbon Tetrachloride	8.359	117	189726	47.577	ug/l	95
39) Methylcyclohexane	9.594	83	220170	50.262	ug/l	97
40) Benzene	8.600	78	613650	46.478	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	88836	40.244	ug/l	94
42) 1,2-Dichloroethane	8.665	62	175614	42.694	ug/l	96
43) Isopropyl Acetate	8.682	43	278281	33.954	ug/l	94
44) Trichloroethene	9.347	130	161493	50.712	ug/l	99
45) 1,2-Dichloropropane	9.618	63	144479	46.065	ug/l	97
46) Dibromomethane	9.706	93	97505	46.072	ug/l	97
47) Bromodichloromethane	9.882	83	203000	46.553	ug/l	95
48) Methyl methacrylate	9.677	41	127997	40.302	ug/l	91
49) 1,4-Dioxane	9.688	88	52844	785.791	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	791785	191.570	ug/l	95
52) Toluene	10.624	92	392890	47.879	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	224909	48.714	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	245906	48.792	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	140522	45.906	ug/l	96
56) Ethyl methacrylate	10.871	69	230364	46.871	ug/l	93
57) 1,3-Dichloropropane	11.159	76	241744	45.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	523312	238.240	ug/l	97
59) 2-Hexanone	11.194	43	579907	192.134	ug/l	95
60) Dibromochloromethane	11.353	129	161017	50.192	ug/l	99
61) 1,2-Dibromoethane	11.465	107	143532	46.661	ug/l	99
64) Tetrachloroethene	11.100	164	170453	54.694	ug/l	96
65) Chlorobenzene	11.888	112	436124	48.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	143048	49.671	ug/l	99
67) Ethyl Benzene	11.959	91	739977	48.428	ug/l	97
68) m/p-Xylenes	12.065	106	587843	101.572	ug/l	96
69) o-Xylene	12.394	106	288644	50.166	ug/l	97
70) Styrene	12.406	104	478785	50.825	ug/l	98
71) Bromoform	12.576	173	102589	50.089	ug/l #	97
73) Isopropylbenzene	12.688	105	690031	48.369	ug/l	99
74) N-amyl acetate	12.488	43	222981	37.410	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	175792	40.109	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	192190m	46.007	ug/l	
77) Bromobenzene	12.976	156	167720	46.737	ug/l	93
78) n-propylbenzene	13.029	91	791249	48.330	ug/l	99
79) 2-Chlorotoluene	13.123	91	489179	45.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	552599	48.348	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	79049	47.755	ug/l	95
82) 4-Chlorotoluene	13.217	91	491460	46.600	ug/l	99
83) tert-Butylbenzene	13.435	119	481846	48.341	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	560668	49.260	ug/l	100
85) sec-Butylbenzene	13.612	105	668628	50.027	ug/l	99
86) p-Isopropyltoluene	13.723	119	569315	51.967	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	297215	47.828	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	299409	48.629	ug/l	98
89) n-Butylbenzene	14.053	91	475680	52.376	ug/l	99
90) Hexachloroethane	14.329	117	89947	49.484	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	278971	47.198	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28359	39.059	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	135929	54.483	ug/l	99
94) Hexachlorobutadiene	15.500	225	54540	52.690	ug/l	96
95) Naphthalene	15.635	128	409943	47.322	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	125407	51.328	ug/l	99

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VSTDCCC050EC

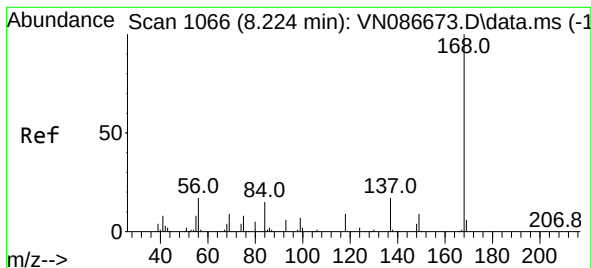
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/27/2025

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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



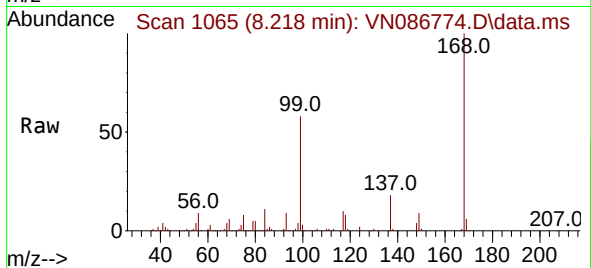
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086774.D
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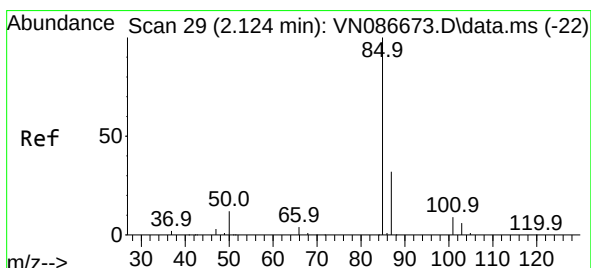
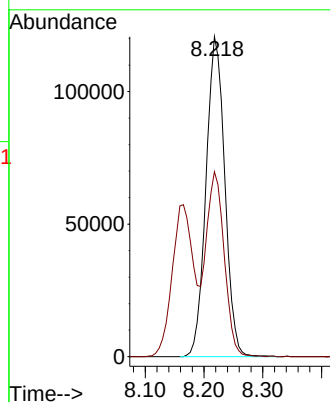
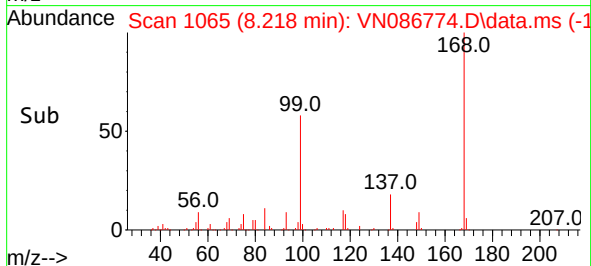
Tgt Ion:168 Resp: 26795
Ion Ratio Lower Upper
168 100
99 57.8 47.0 70.4

Manual Integrations

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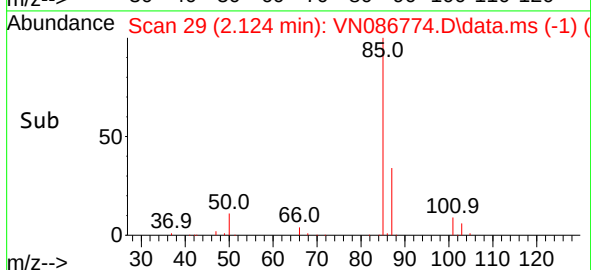
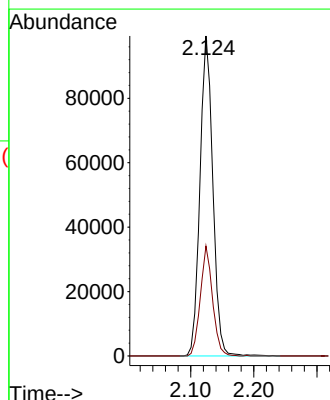
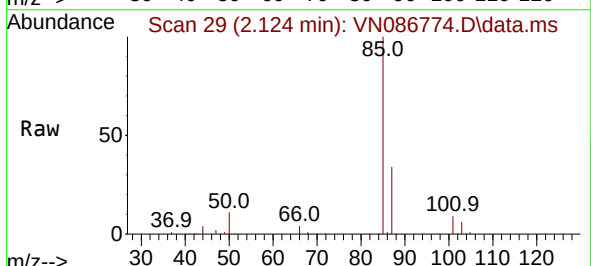
Reviewed By :John Carlone 05/27/2025

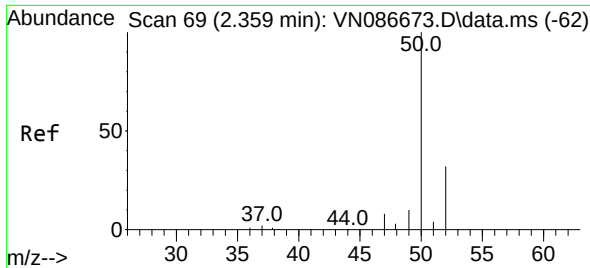
Supervised By :Mahesh Dadoda 05/27/2025



#2
Dichlorodifluoromethane
Concen: 48.508 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086774.D
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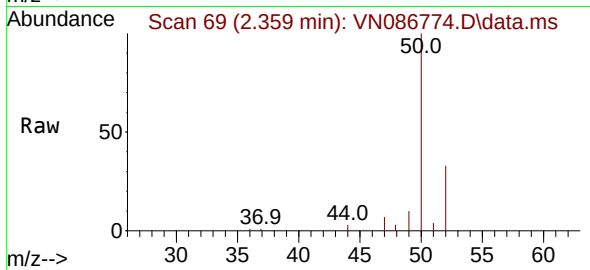
Tgt Ion: 85 Resp: 140368
Ion Ratio Lower Upper
85 100
87 34.3 15.9 47.6





#3
Chloromethane
Concen: 41.736 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

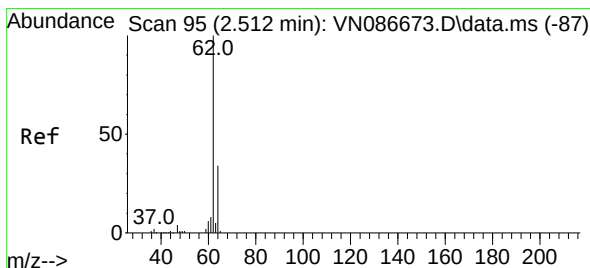
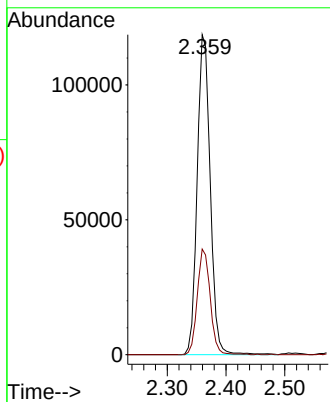
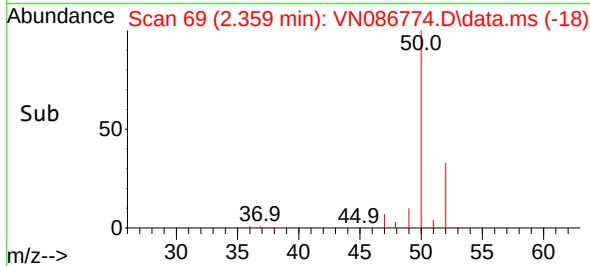
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Tgt Ion: 50 Resp: 182670
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

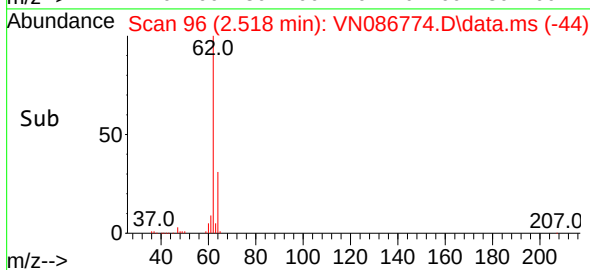
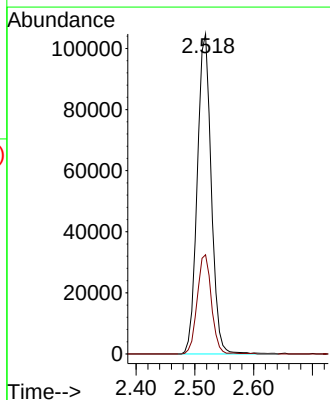
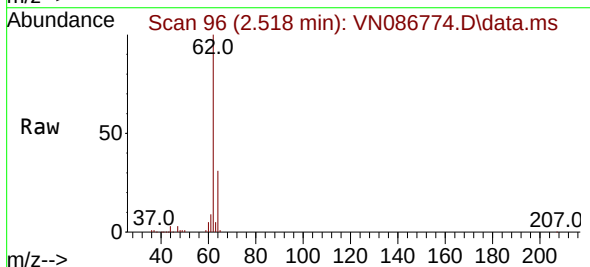
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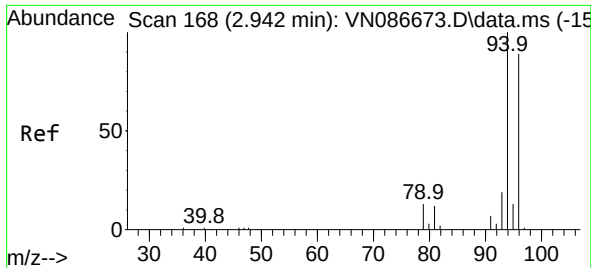
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#4
Vinyl Chloride
Concen: 44.054 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086774.D
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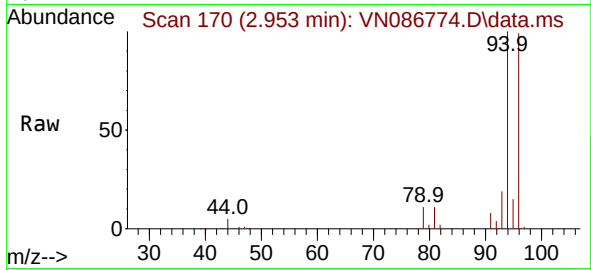
Tgt Ion: 62 Resp: 173162
Ion Ratio Lower Upper
62 100
64 31.0 26.9 40.3





#5
Bromomethane
Concen: 40.362 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

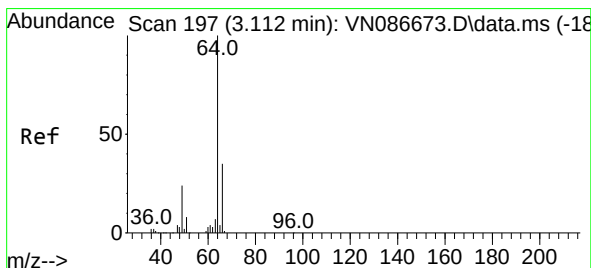
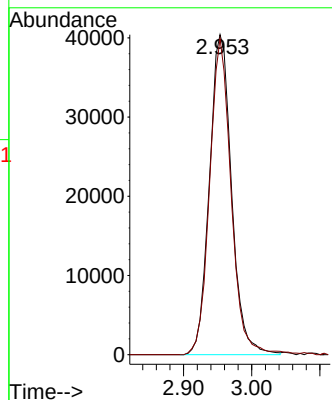
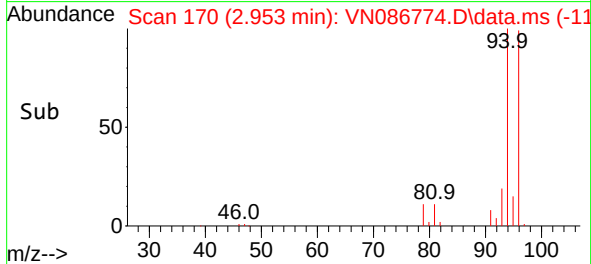
Instrument :
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Tgt Ion: 94 Resp: 91459
Ion Ratio Lower Upper
94 100
96 98.7 71.2 106.8

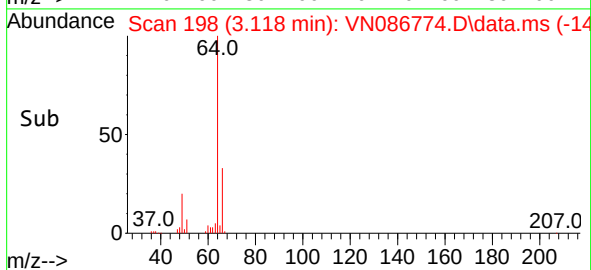
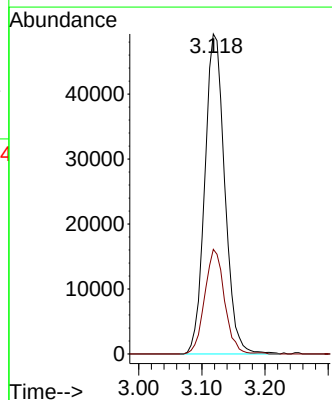
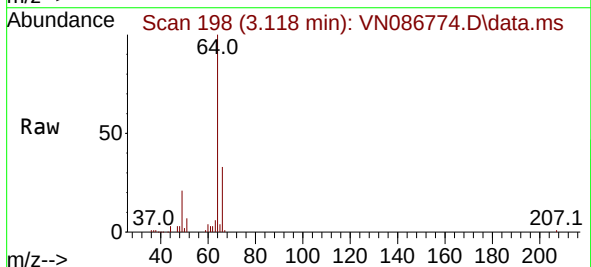
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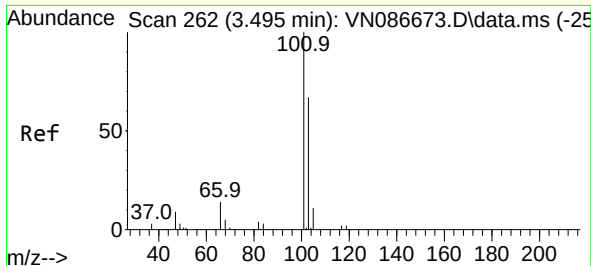
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#6
Chloroethane
Concen: 42.043 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion: 64 Resp: 108259
Ion Ratio Lower Upper
64 100
66 32.7 27.7 41.5





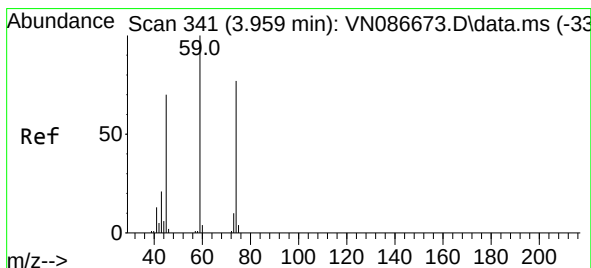
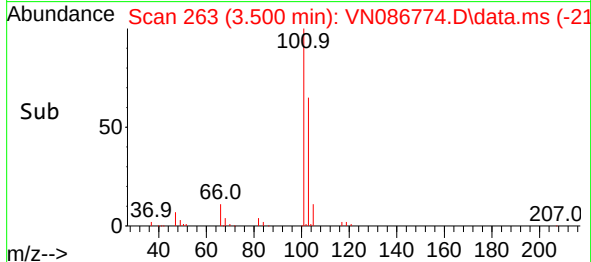
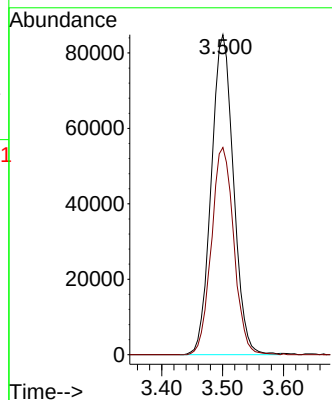
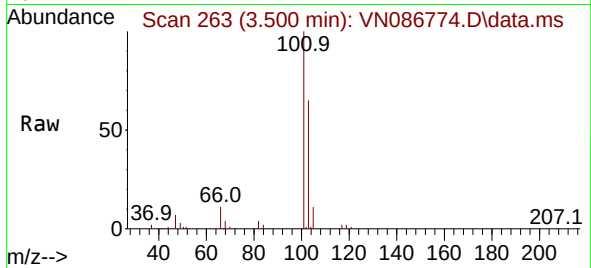
#7
Trichlorofluoromethane
Concen: 45.744 ug/l
RT: 3.500 min Scan# 214880
Delta R.T. 0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 214880
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.0

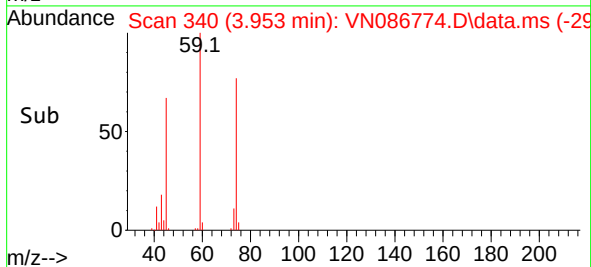
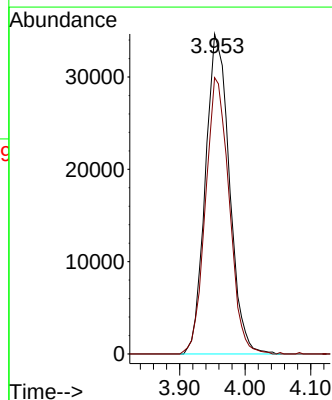
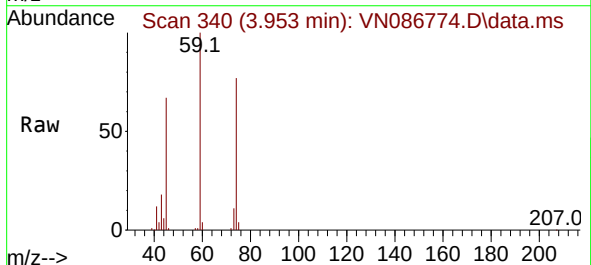
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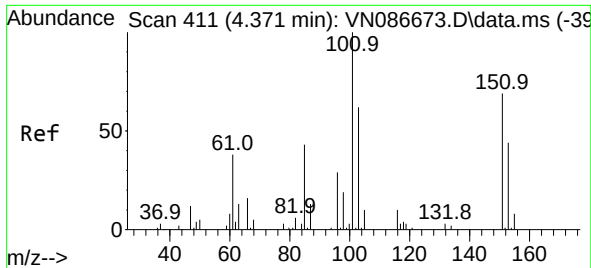
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#8
Diethyl Ether
Concen: 45.496 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion: 74 Resp: 88286
Ion Ratio Lower Upper
74 100
45 85.3 45.0 135.0





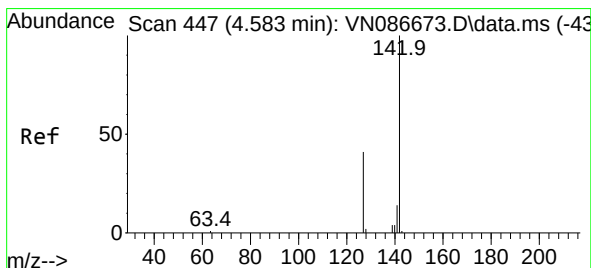
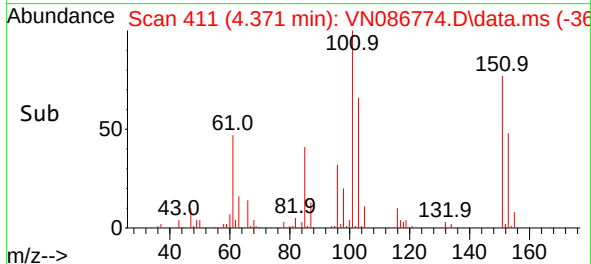
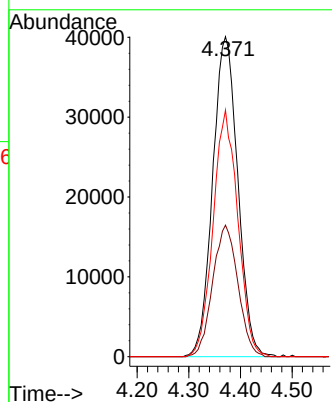
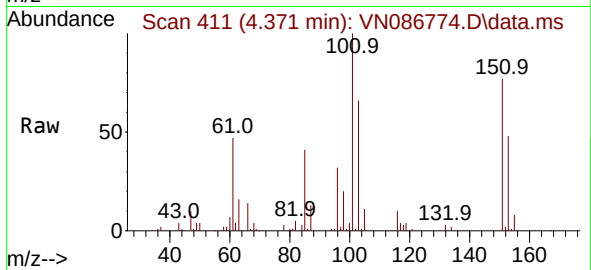
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.109 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

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MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 135292
Ion Ratio Lower Upper
101 100
85 41.3 35.0 52.6
151 75.8 58.1 87.1

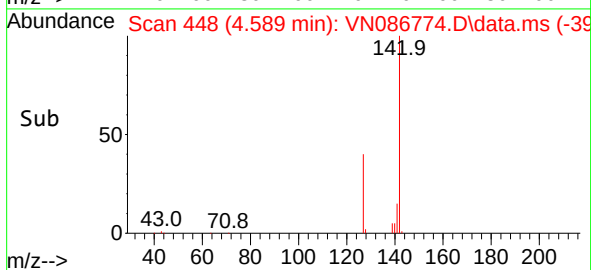
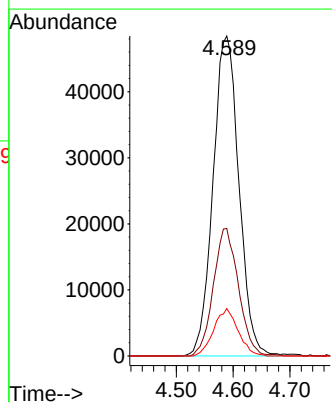
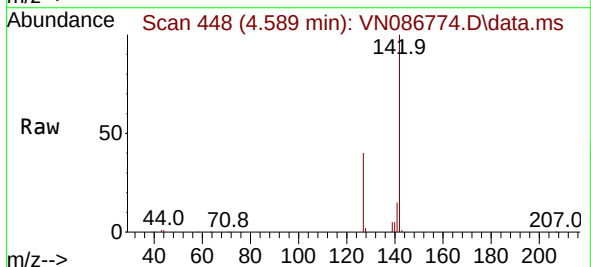
Manual Integrations
APPROVED

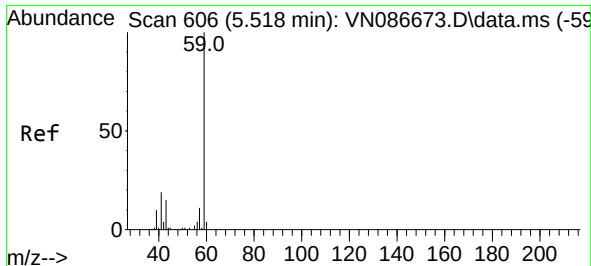
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#10
Methyl Iodide
Concen: 43.819 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

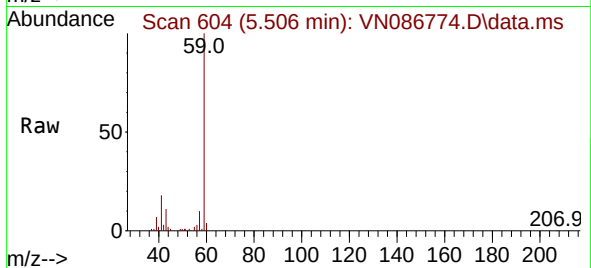
Tgt Ion:142 Resp: 153285
Ion Ratio Lower Upper
142 100
127 39.9 32.4 48.6
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 165.151 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

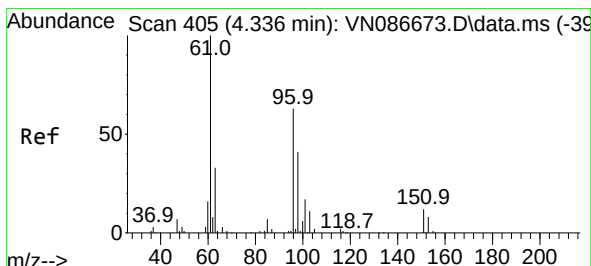
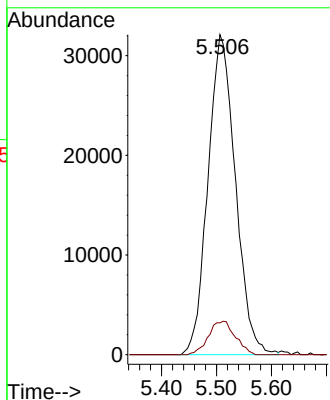
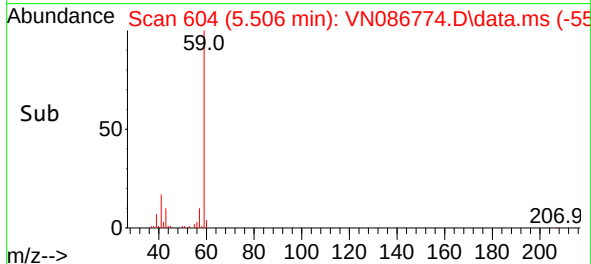
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



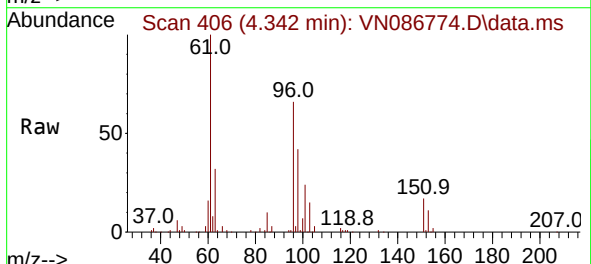
Tgt Ion: 59 Resp: 11136
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

Manual Integrations
APPROVED

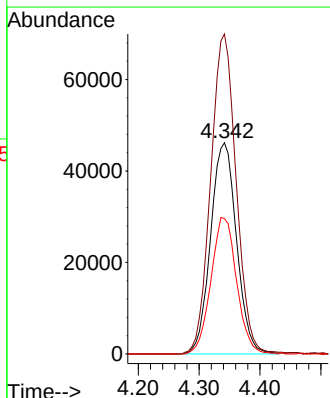
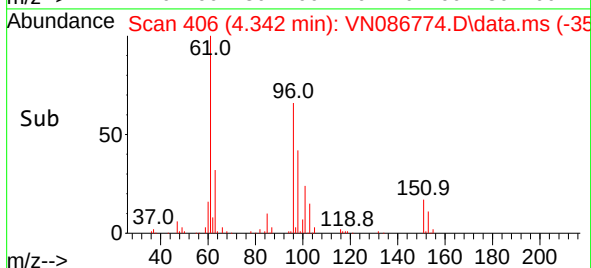
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

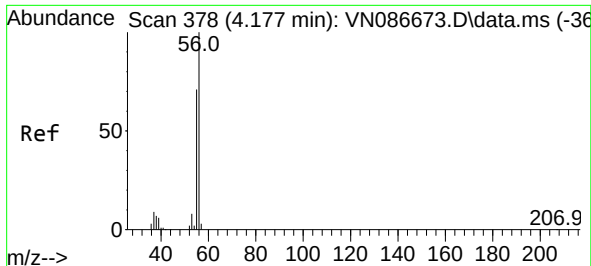


#12
1,1-Dichloroethene
Concen: 45.757 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



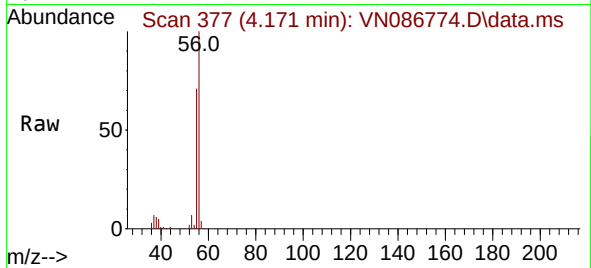
Tgt Ion: 96 Resp: 136751
Ion Ratio Lower Upper
96 100
61 151.5 126.2 189.2
98 64.1 51.5 77.3





#13
Acrolein
Concen: 266.392 ug/l
RT: 4.171 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

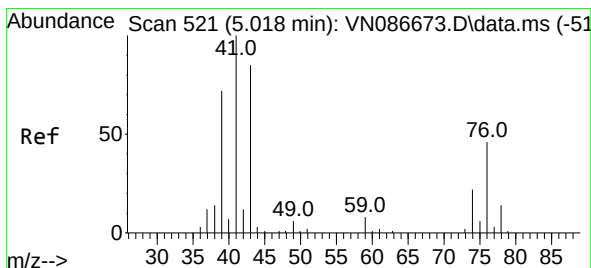
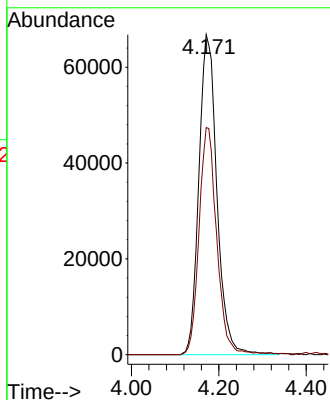
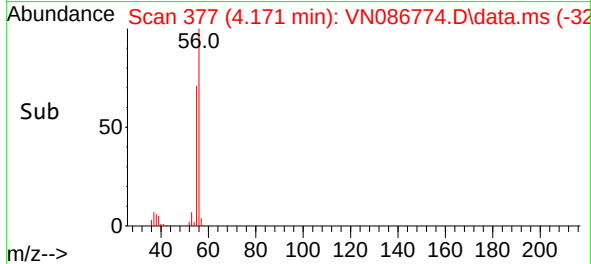
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 192036
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5

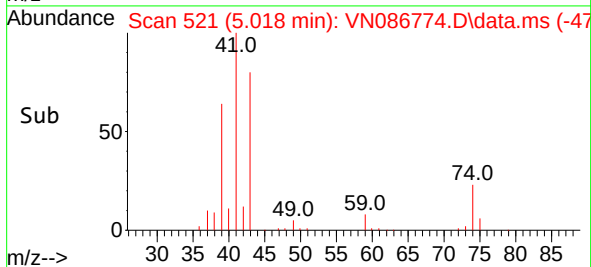
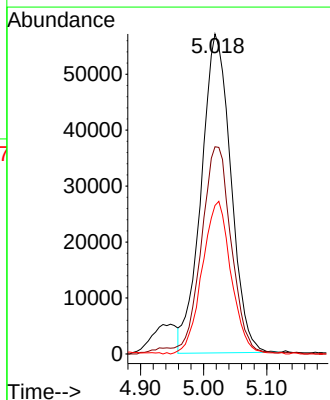
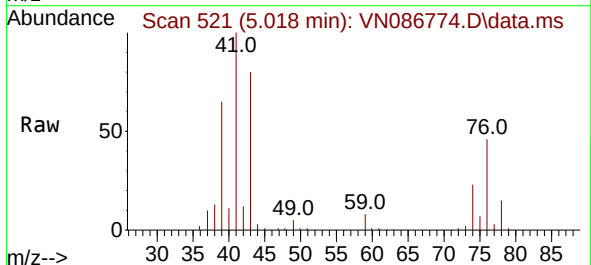
Manual Integrations
APPROVED

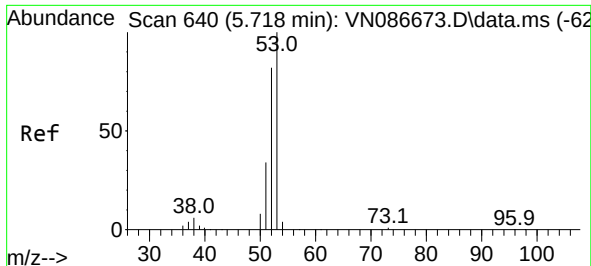
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#14
Allyl chloride
Concen: 41.041 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

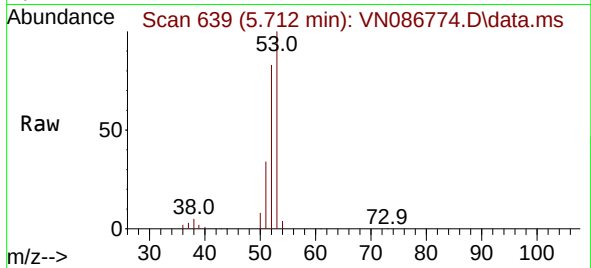
Tgt Ion: 41 Resp: 185654
Ion Ratio Lower Upper
41 100
39 67.0 57.4 86.0
76 46.7 33.2 49.8





#15
Acrylonitrile
Concen: 194.248 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

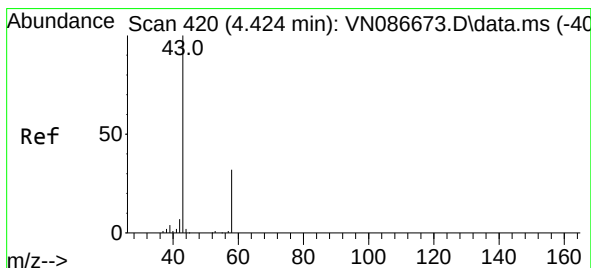
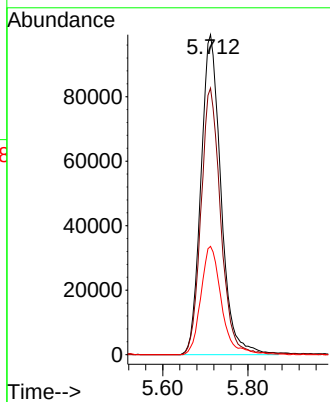
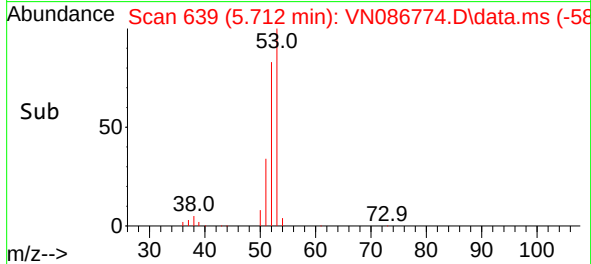
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



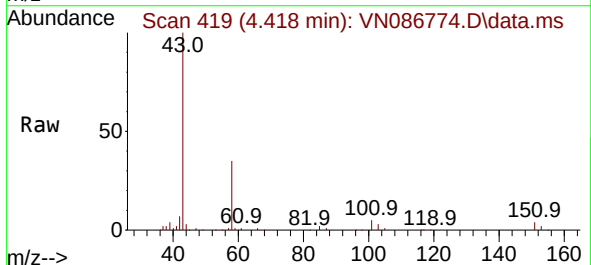
Tgt Ion: 53 Resp: 32432
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.2
51 34.8 27.9 41.9

Manual Integrations
APPROVED

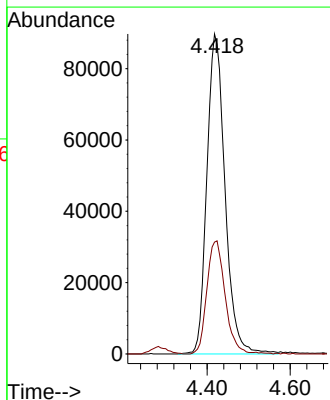
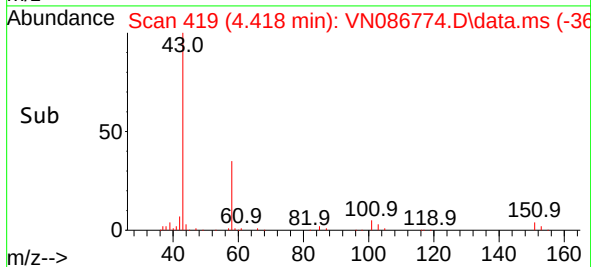
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

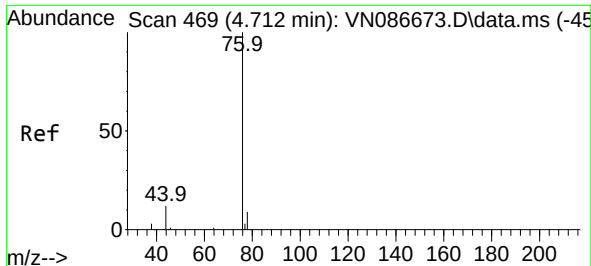


#16
Acetone
Concen: 196.411 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



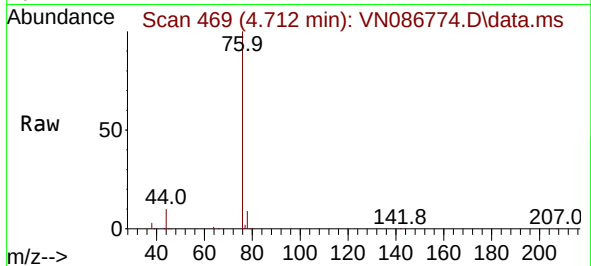
Tgt Ion: 43 Resp: 272032
Ion Ratio Lower Upper
43 100
58 34.8 25.8 38.6





#17
Carbon Disulfide
Concen: 43.270 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

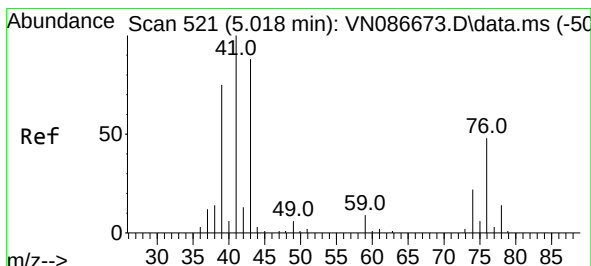
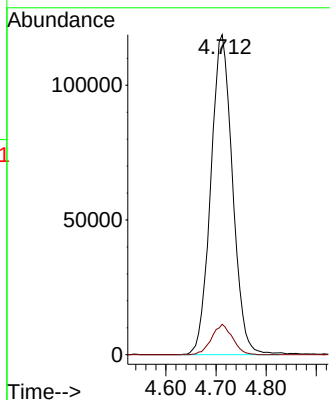
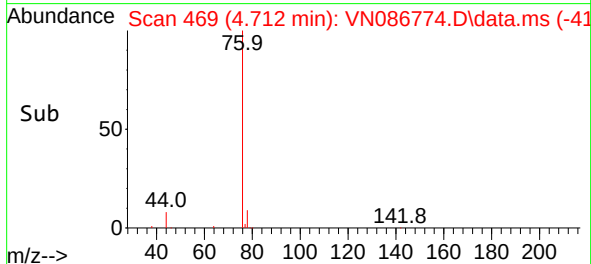
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



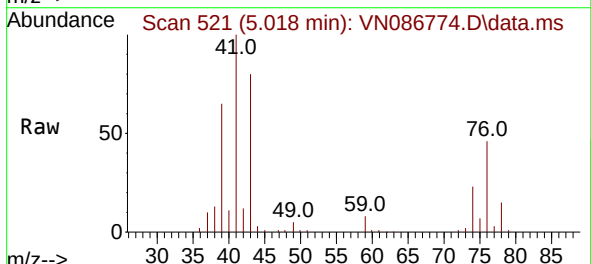
Tgt Ion: 76 Resp: 358039
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Manual Integrations
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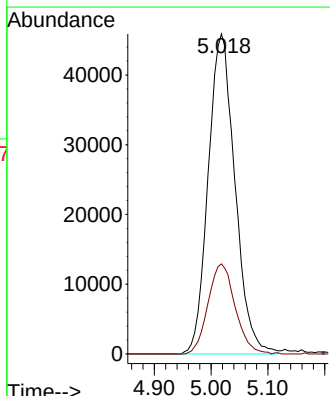
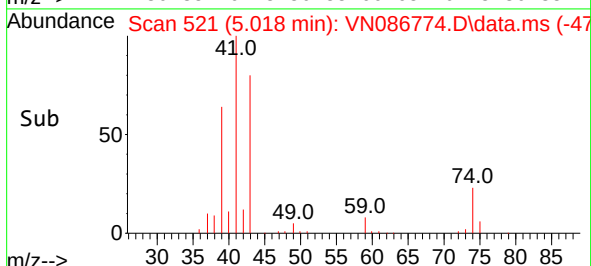
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

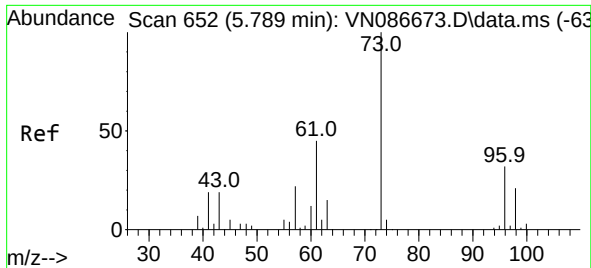


#18
Methyl Acetate
Concen: 38.773 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



Tgt Ion: 43 Resp: 150302
Ion Ratio Lower Upper
43 100
74 28.5 20.5 30.7





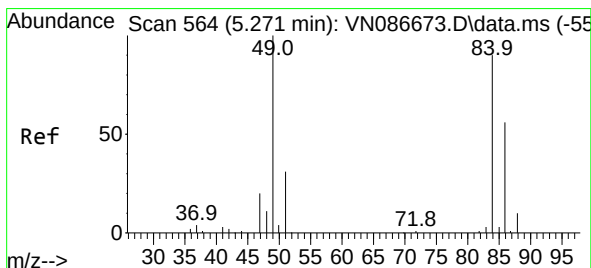
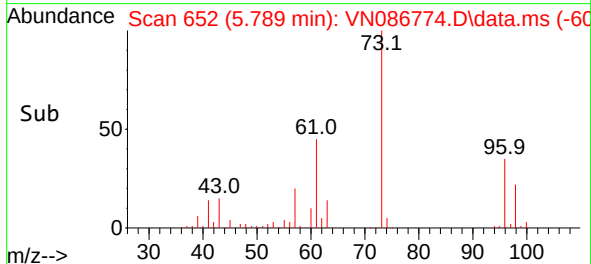
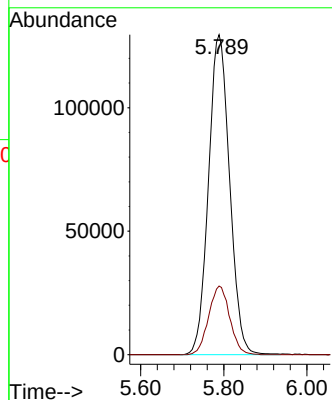
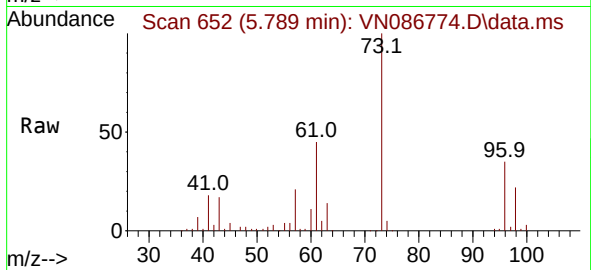
#19
Methyl tert-butyl Ether
Concen: 44.865 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 45655
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

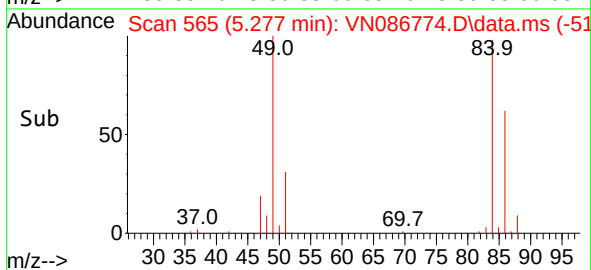
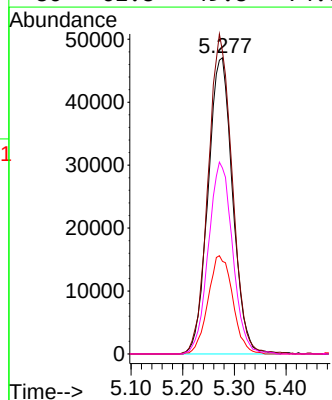
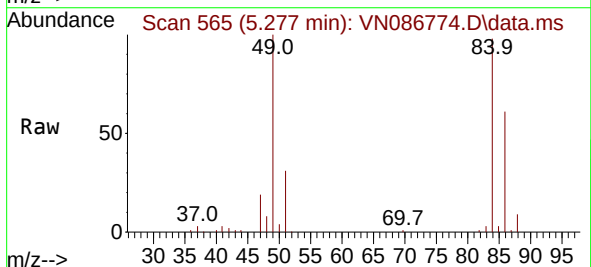
Manual Integrations
APPROVED

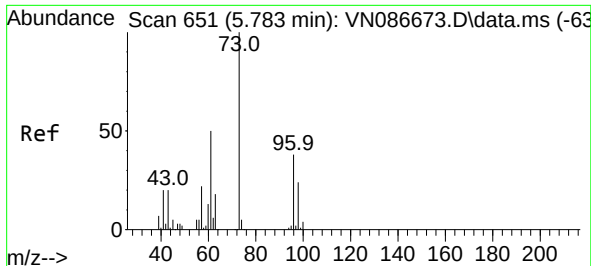
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#20
Methylene Chloride
Concen: 42.481 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

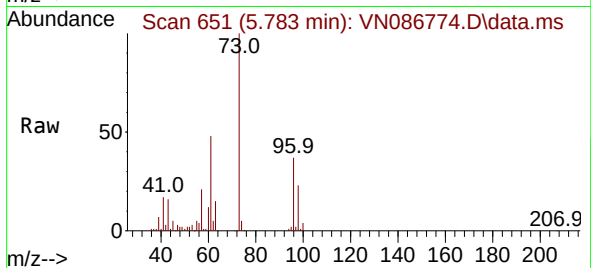
Tgt Ion: 84 Resp: 155264
Ion Ratio Lower Upper
84 100
49 102.2 88.8 133.2
51 31.3 27.8 41.6
86 62.8 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 45.605 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

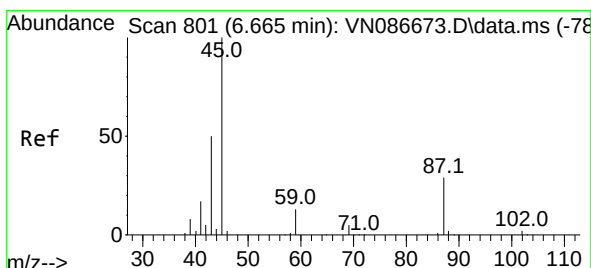
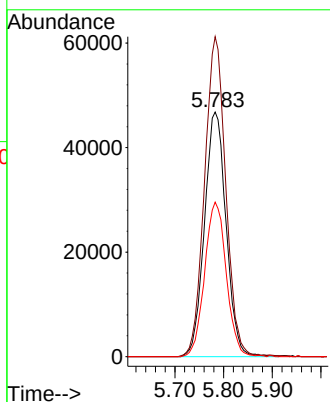
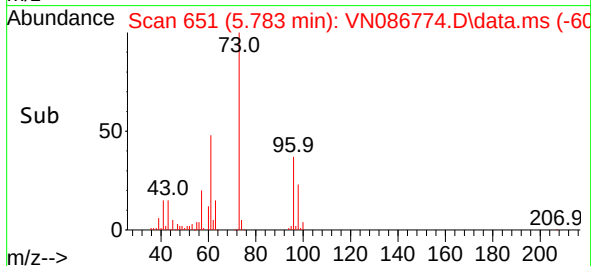
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



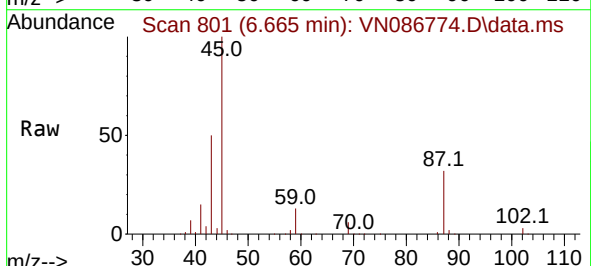
Tgt Ion: 96 Resp: 14410
Ion Ratio Lower Upper
96 100
61 130.8 105.7 158.5
98 63.2 51.0 76.6

Manual Integrations
APPROVED

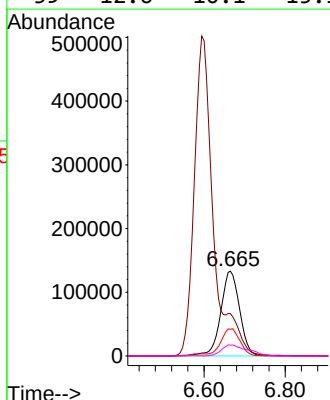
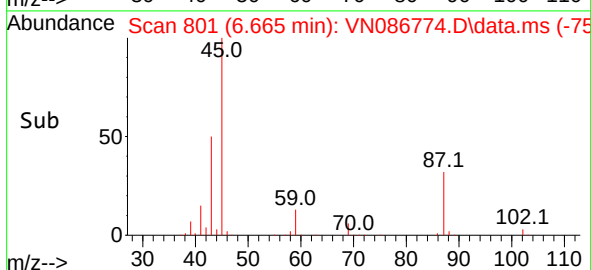
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

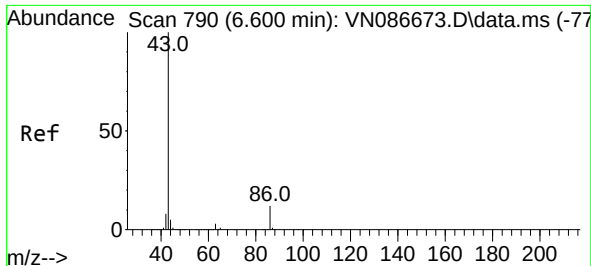


#22
Diisopropyl ether
Concen: 42.202 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



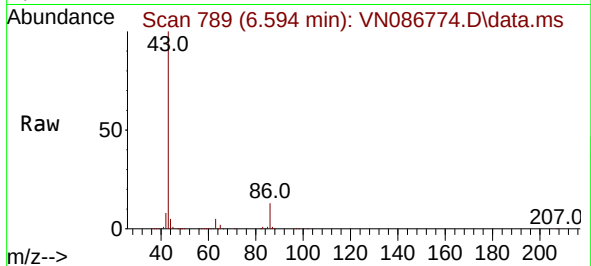
Tgt Ion: 45 Resp: 430687
Ion Ratio Lower Upper
45 100
43 49.0 41.4 62.2
87 31.5 22.9 34.3
59 12.6 10.1 15.1





#23
 Vinyl Acetate
 Concen: 194.305 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

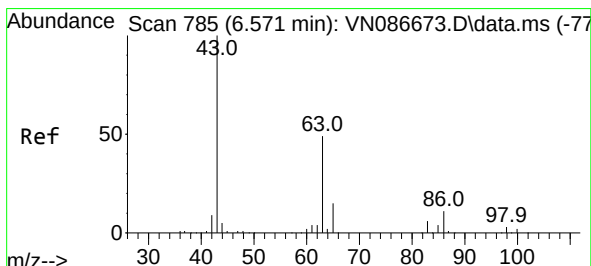
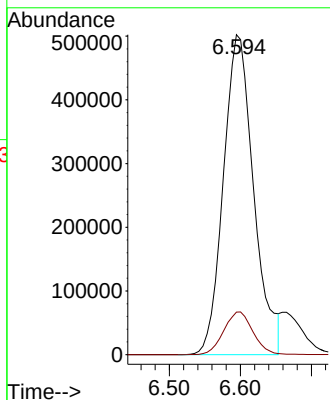
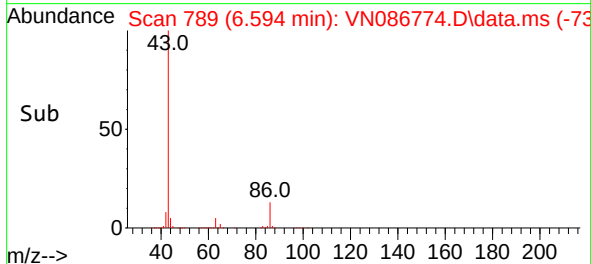
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 149033
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.5 14.3

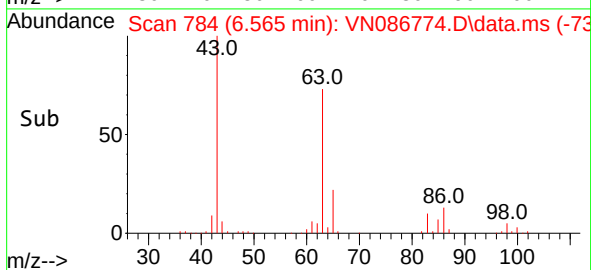
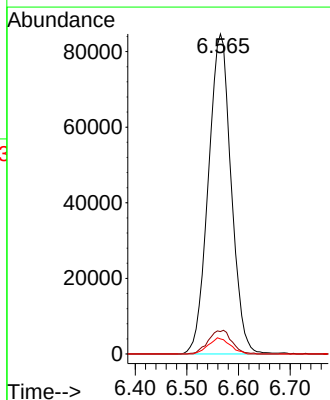
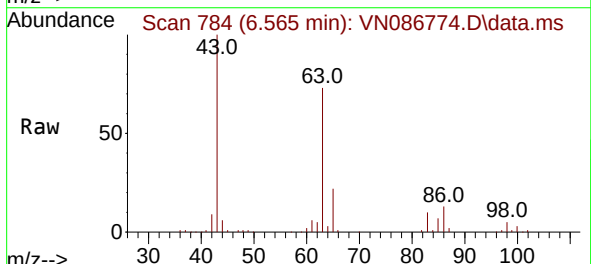
Manual Integrations
 APPROVED

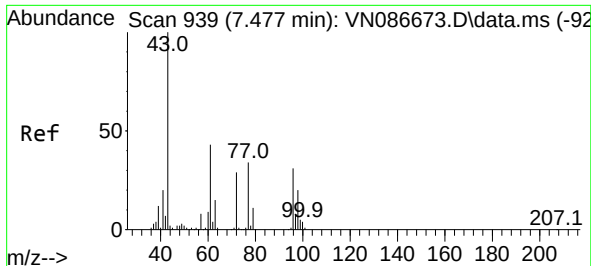
Reviewed By :John Carlone 05/27/2025
 Supervised By :Mahesh Dadoda 05/27/2025



#24
 1,1-Dichloroethane
 Concen: 43.298 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

Tgt Ion: 63 Resp: 259436
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.7 2.4 7.1





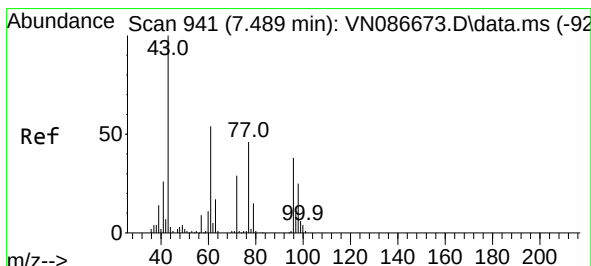
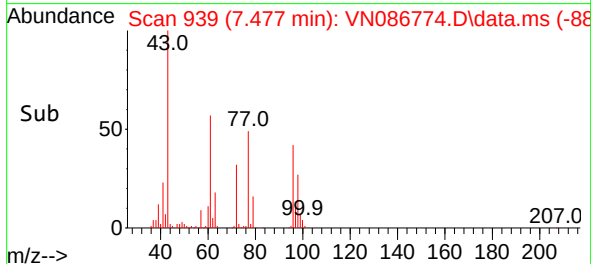
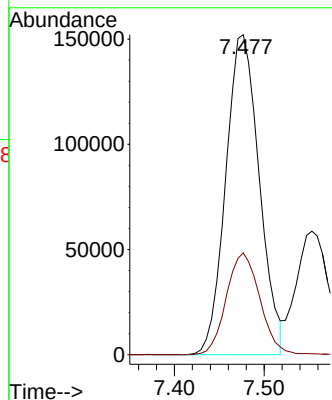
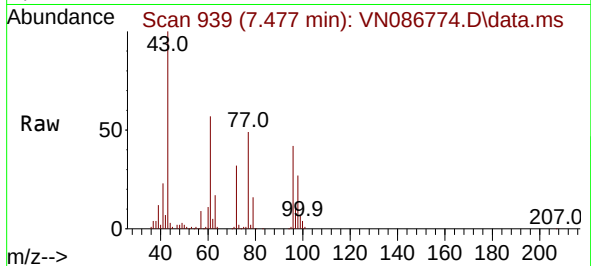
#25
2-Butanone
Concen: 184.597 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 395080
Ion Ratio Lower Upper
43 100
72 31.8 23.1 34.7

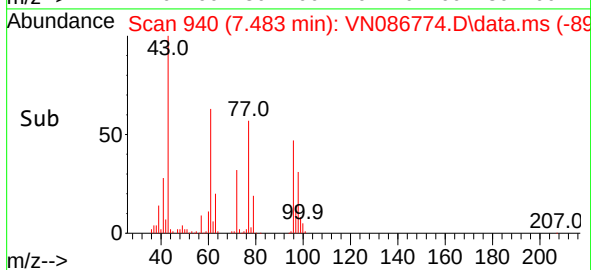
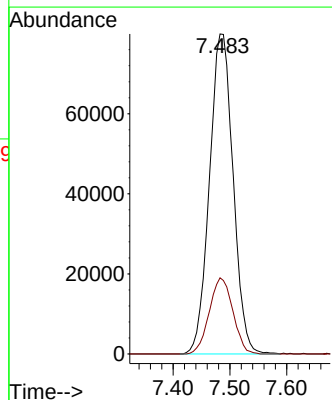
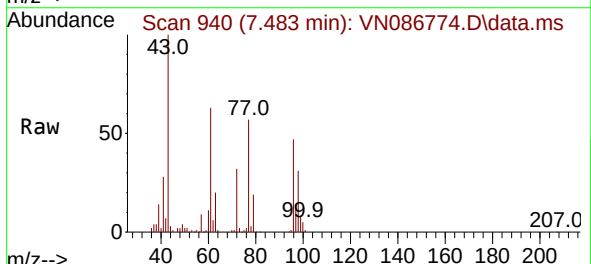
Manual Integrations
APPROVED

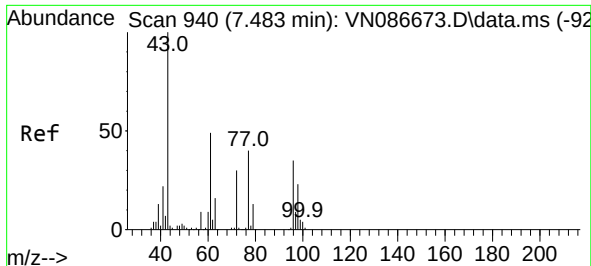
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#26
2,2-Dichloropropane
Concen: 46.655 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

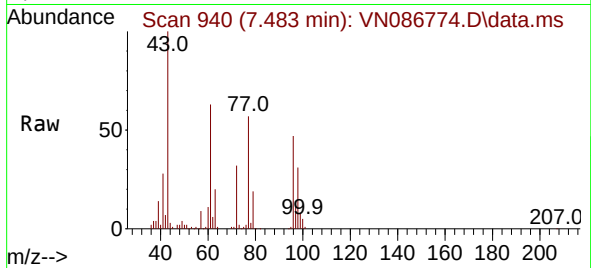
Tgt Ion: 77 Resp: 230696
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 44.977 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

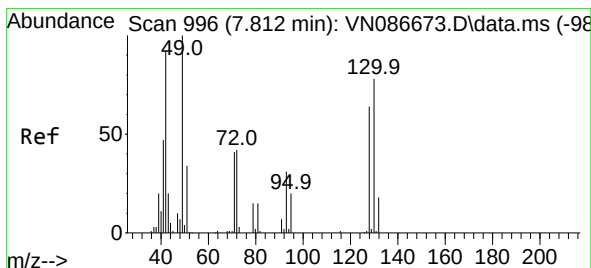
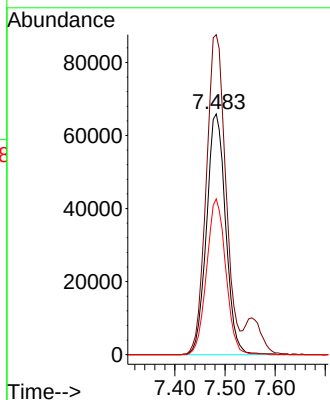
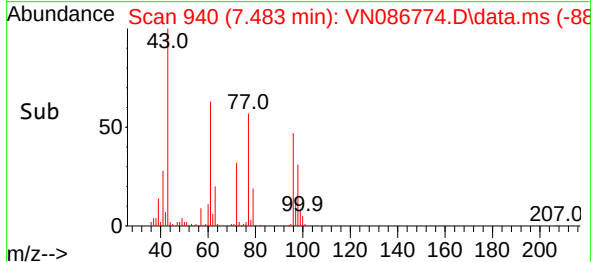
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17444
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 277.4
 98 65.0 0.0 129.6

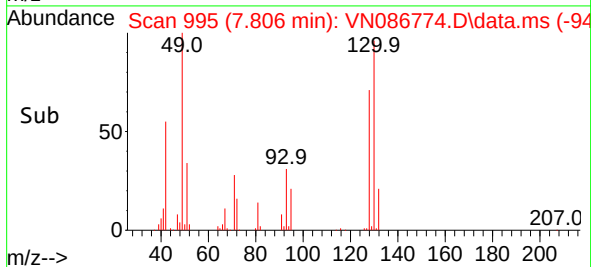
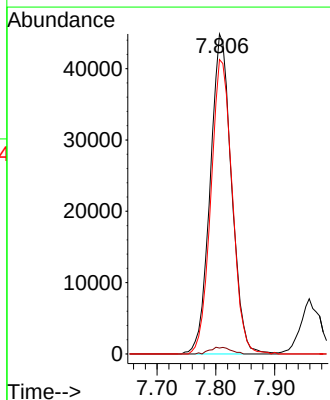
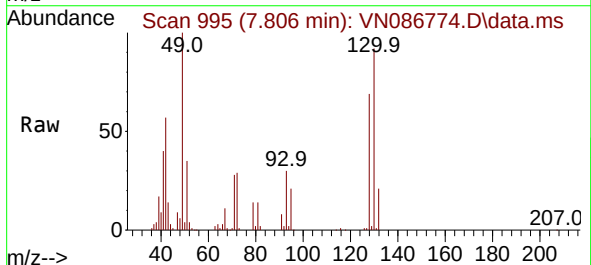
Manual Integrations
 APPROVED

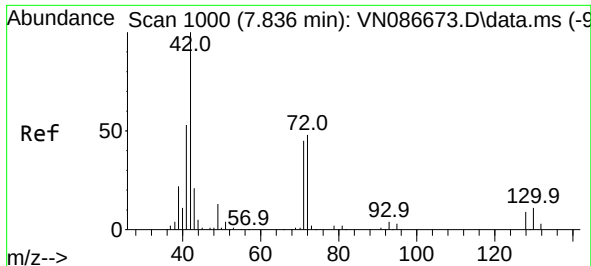
Reviewed By :John Carlone 05/27/2025
 Supervised By :Mahesh Dadoda 05/27/2025



#28
 Bromochloromethane
 Concen: 41.562 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

Tgt Ion: 49 Resp: 113144
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 91.7 62.2 93.4





#29

Tetrahydrofuran

Concen: 180.775 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 252530

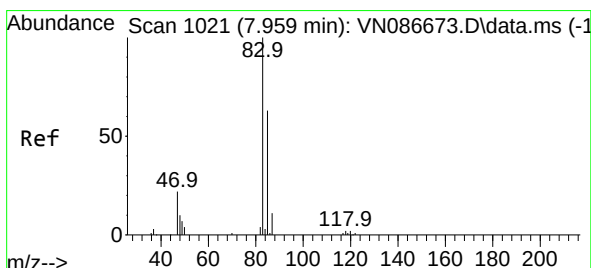
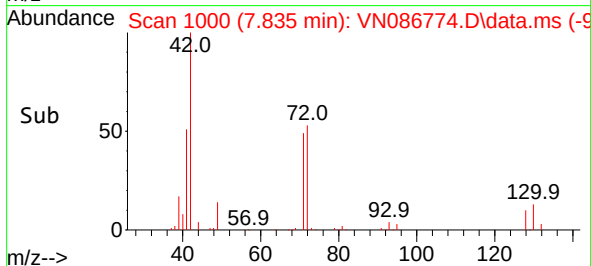
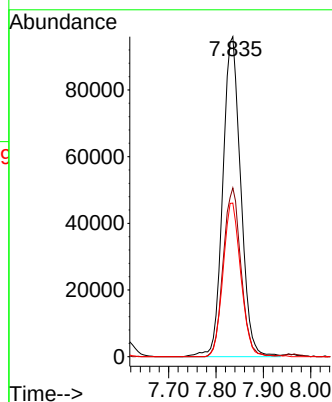
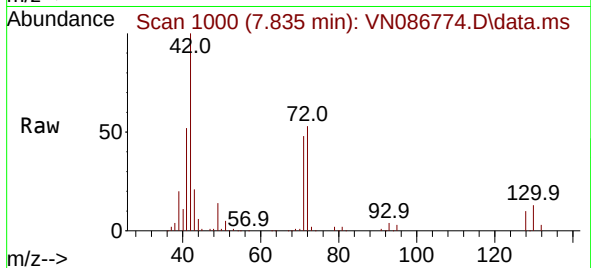
Ion	Ratio	Lower	Upper
42	100		
72	52.1	38.7	58.1
71	47.6	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#30

Chloroform

Concen: 43.686 ug/l

RT: 7.959 min Scan# 1021

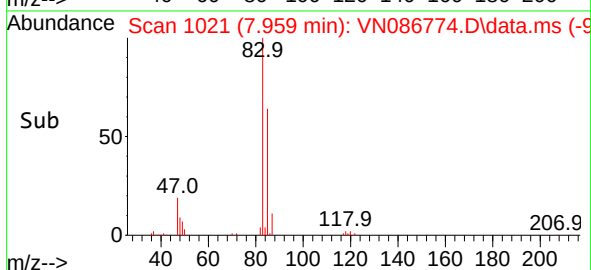
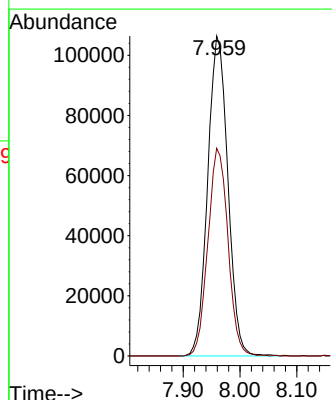
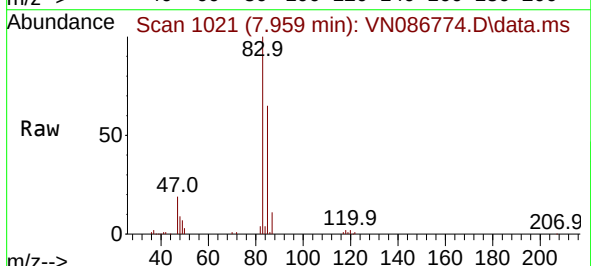
Delta R.T. -0.000 min

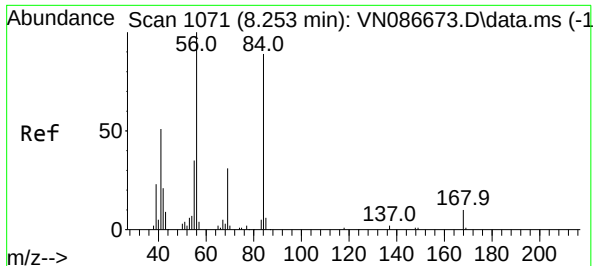
Lab File: VN086774.D

Acq: 23 May 2025 15:45

Tgt Ion: 83 Resp: 261992

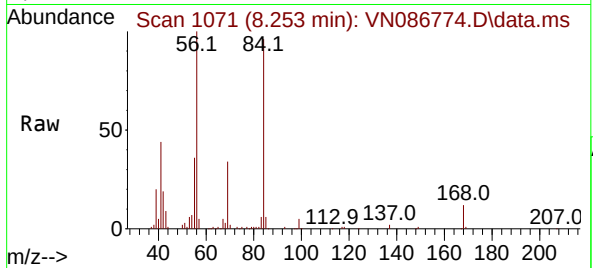
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.2	75.4





#31
Cyclohexane
Concen: 40.405 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

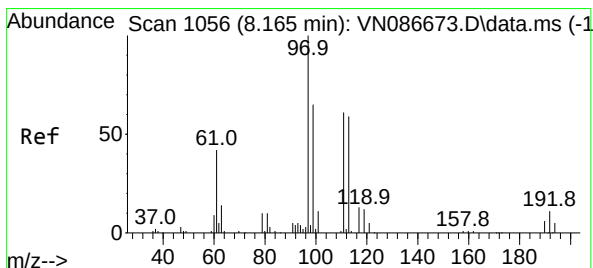
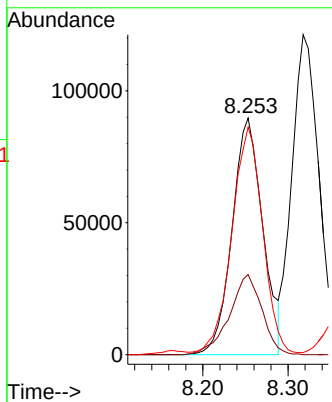
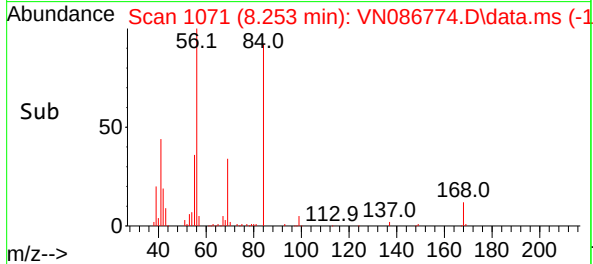
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



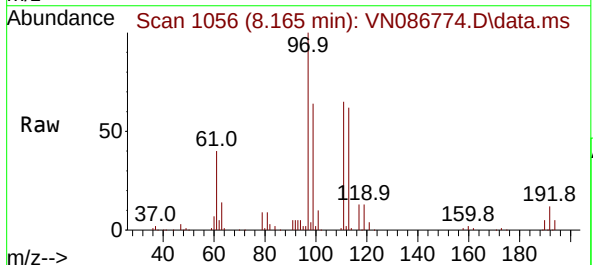
Tgt Ion: 56 Resp: 224530
Ion Ratio Lower Upper
56 100
69 33.9 25.0 37.6
84 94.7 71.0 106.4

Manual Integrations
APPROVED

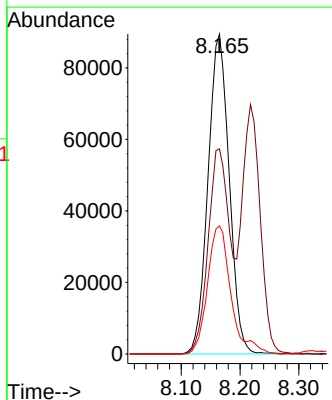
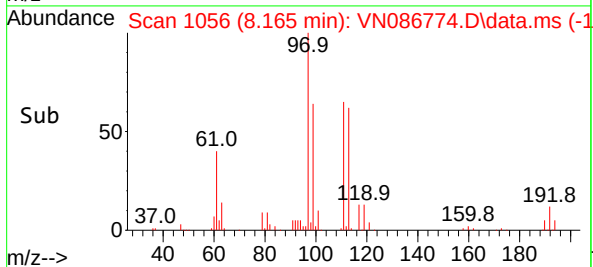
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

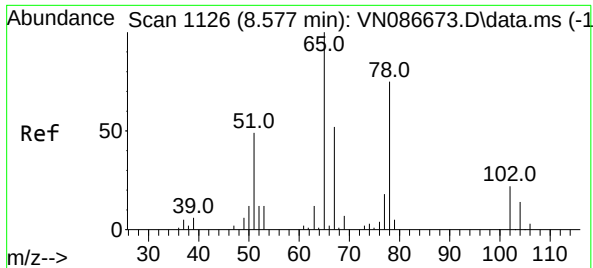


#32
1,1,1-Trichloroethane
Concen: 44.226 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



Tgt Ion: 97 Resp: 223622
Ion Ratio Lower Upper
97 100
99 67.2 52.6 79.0
61 44.2 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 42.845 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 158639

Ion Ratio Lower Upper

65 100

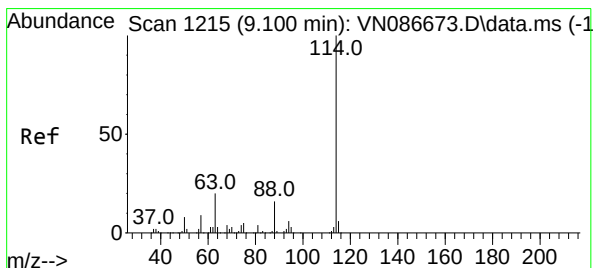
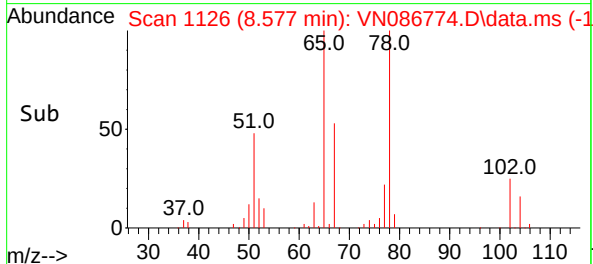
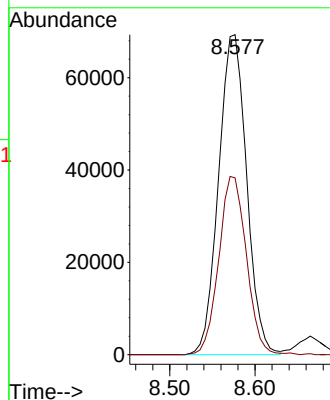
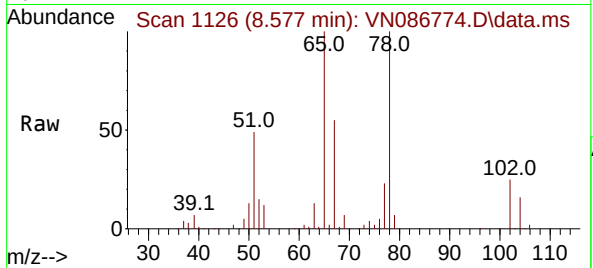
67 54.8 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

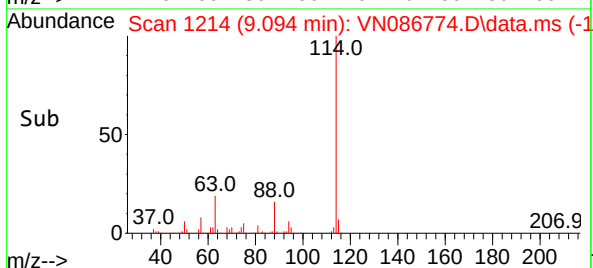
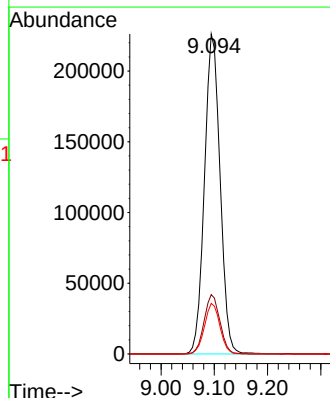
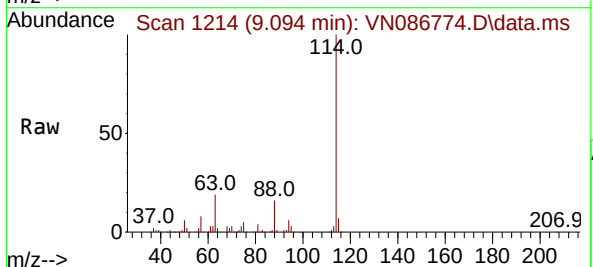
Tgt Ion:114 Resp: 460732

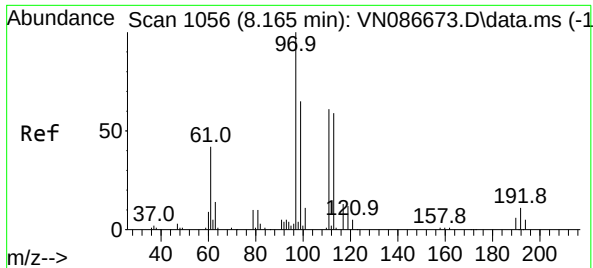
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.2

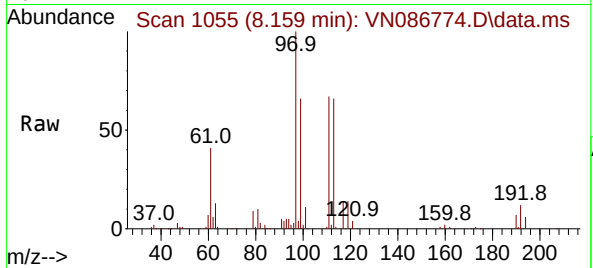
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.635 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

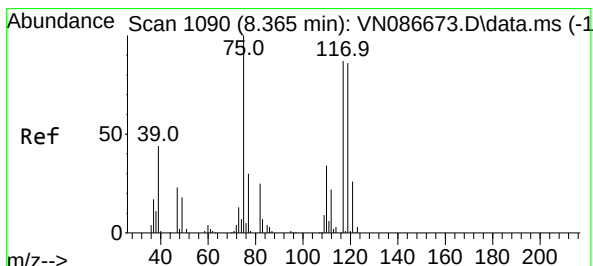
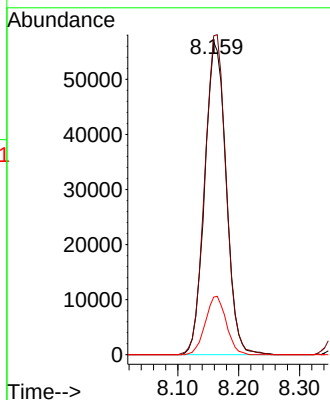
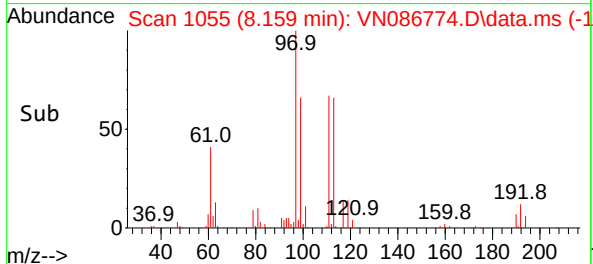
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 138930
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 18.1 13.8 20.8

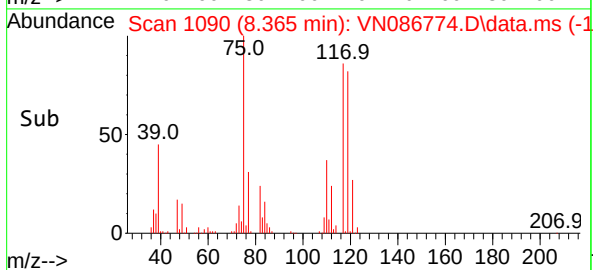
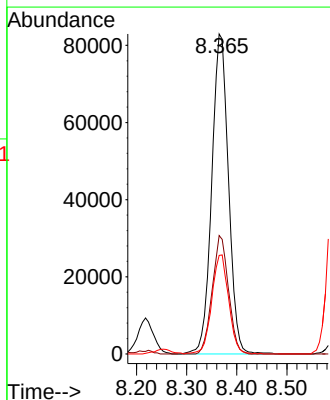
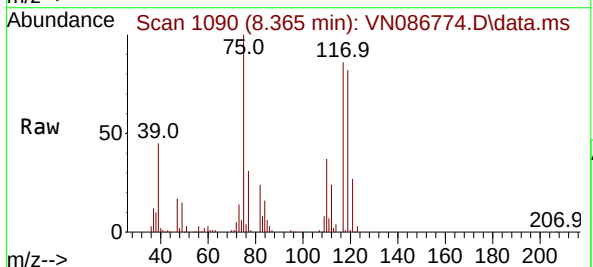
Manual Integrations
APPROVED

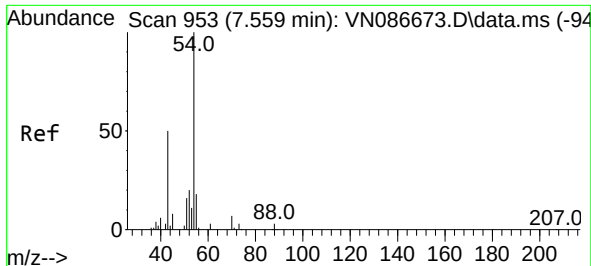
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#36
1,1-Dichloropropene
Concen: 47.535 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion: 75 Resp: 192387
Ion Ratio Lower Upper
75 100
110 35.8 17.5 52.5
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 38.102 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086774.D

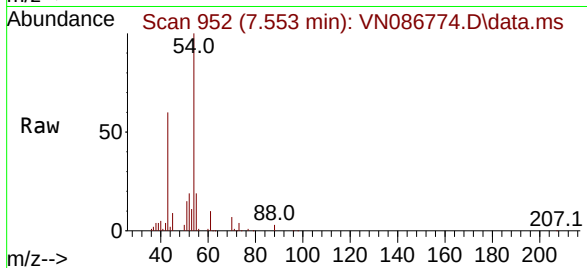
Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 15577

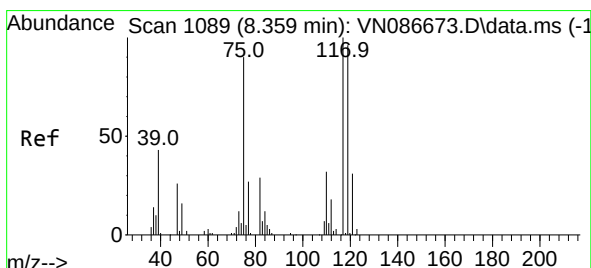
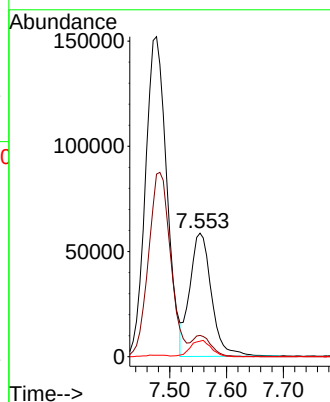
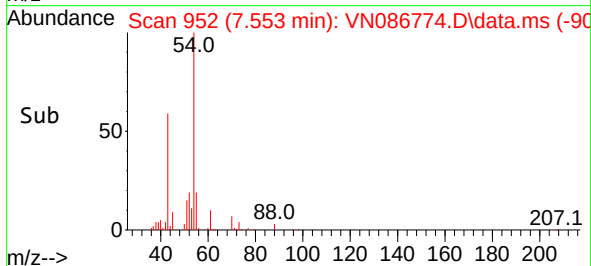
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.6	17.4
70	12.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#38

Carbon Tetrachloride

Concen: 47.577 ug/l

RT: 8.359 min Scan# 1089

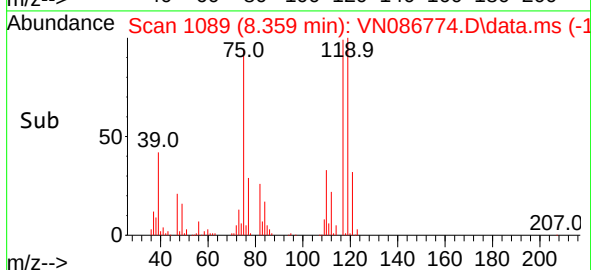
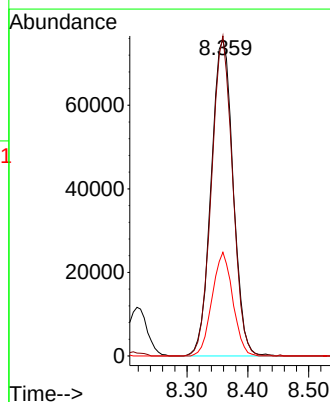
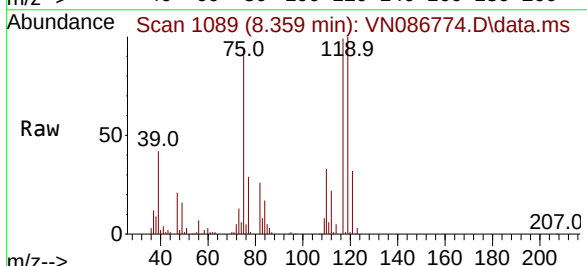
Delta R.T. -0.000 min

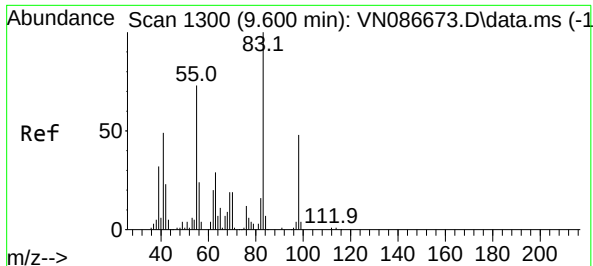
Lab File: VN086774.D

Acq: 23 May 2025 15:45

Tgt Ion:117 Resp: 189726

Ion	Ratio	Lower	Upper
117	100		
119	101.3	77.0	115.6
121	32.8	25.0	37.6





#39

Methylcyclohexane

Concen: 50.262 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

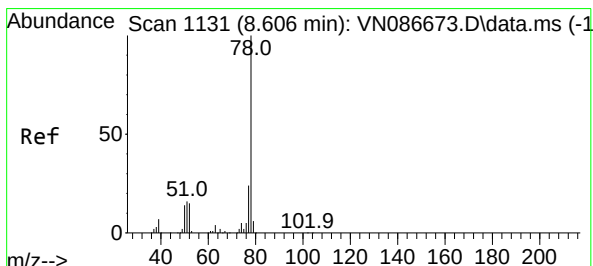
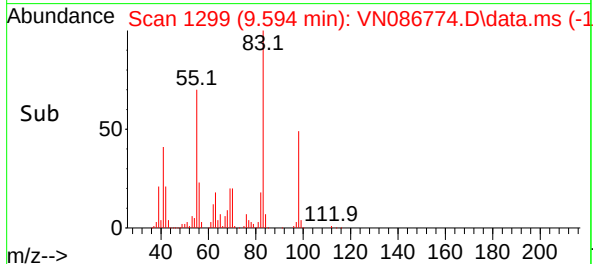
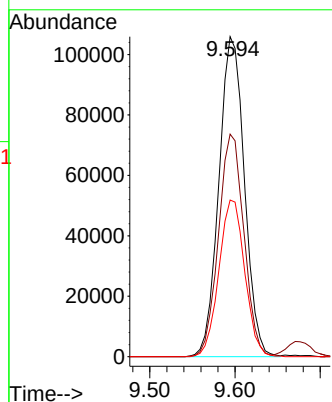
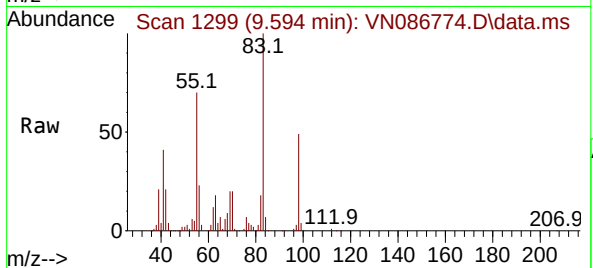
Tgt Ion:	83	Resp:	220170
Ion Ratio	Lower	Upper	
83	100		
55	69.5	58.2	87.4
98	49.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#40

Benzene

Concen: 46.478 ug/l

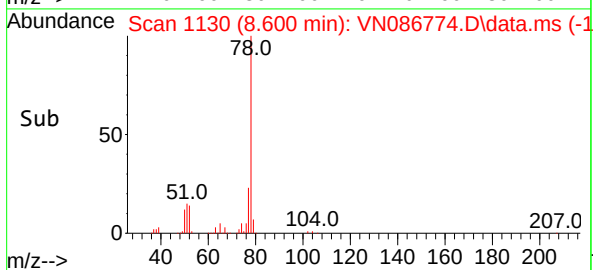
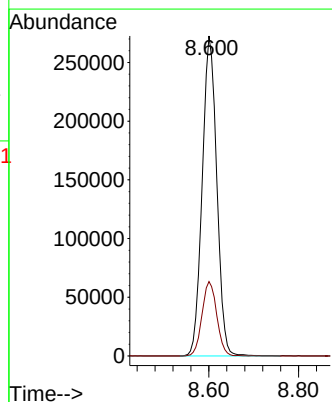
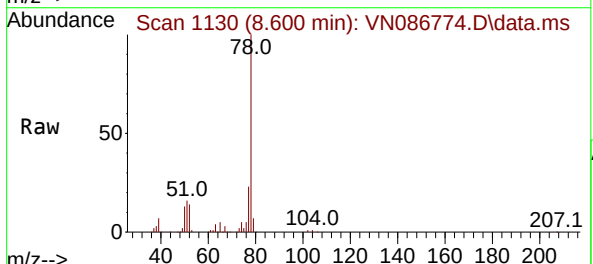
RT: 8.600 min Scan# 1130

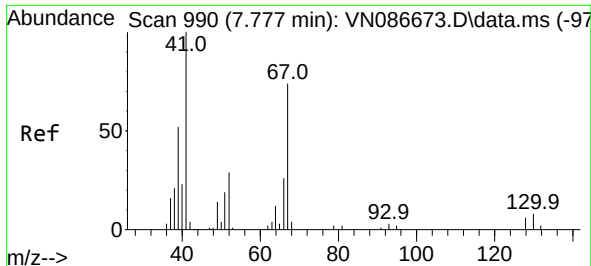
Delta R.T. -0.006 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

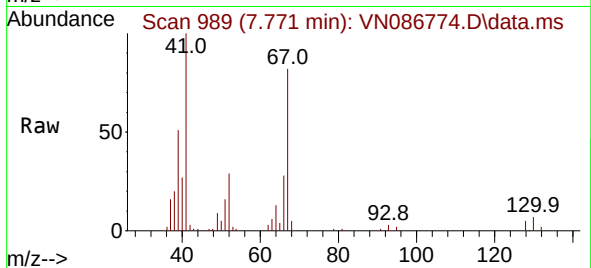
Tgt Ion:	78	Resp:	613650
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.1	28.7





#41
Methacrylonitrile
Concen: 40.244 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

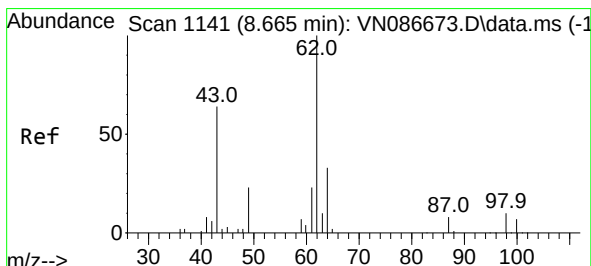
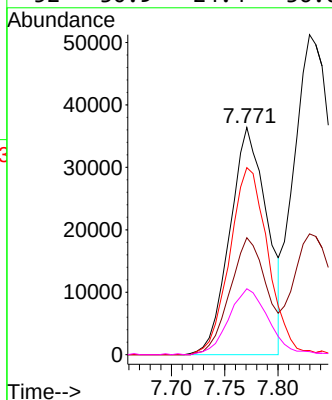
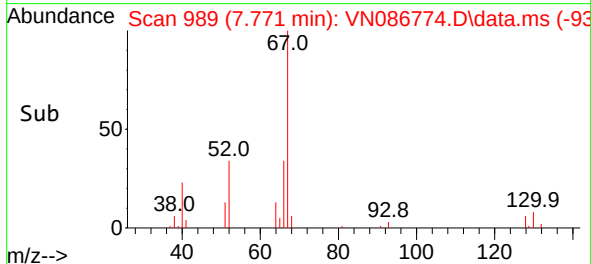
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 88830
Ion Ratio Lower Upper
41 100
39 50.5 44.9 67.3
67 84.7 63.4 95.0
52 30.9 24.4 36.6

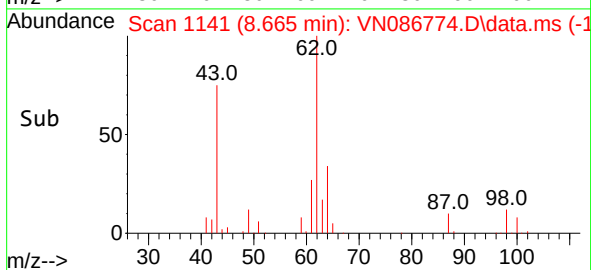
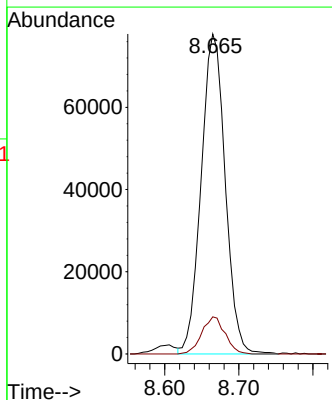
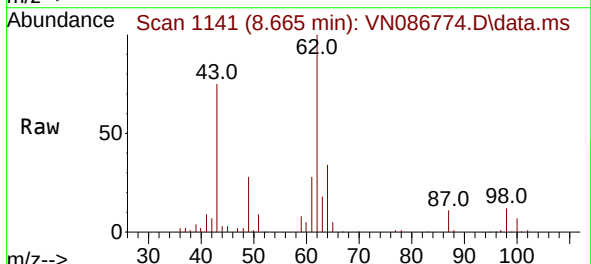
Manual Integrations
APPROVED

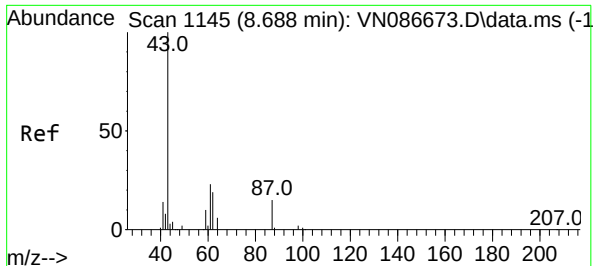
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#42
1,2-Dichloroethane
Concen: 42.694 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

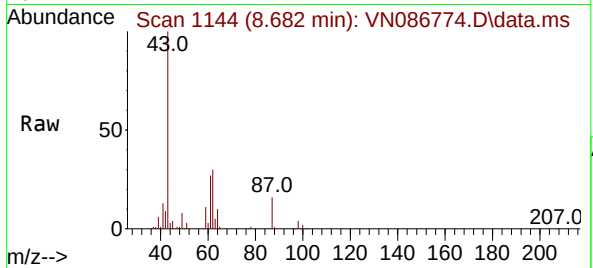
Tgt Ion: 62 Resp: 175614
Ion Ratio Lower Upper
62 100
98 11.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 33.954 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

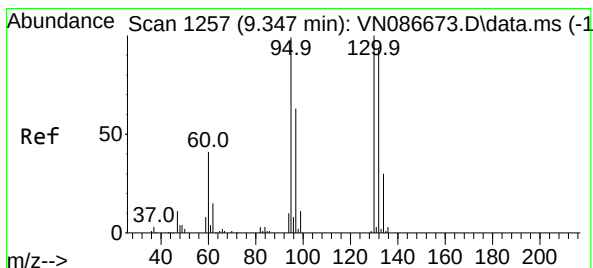
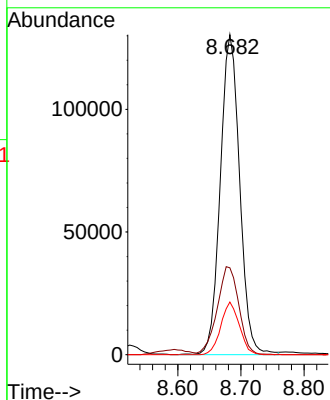
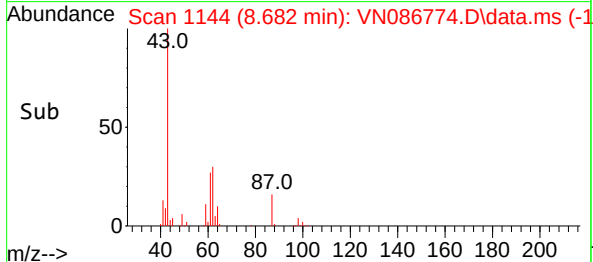
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27828
Ion Ratio Lower Upper
43 100
61 30.6 21.4 32.2
87 15.7 11.1 16.7

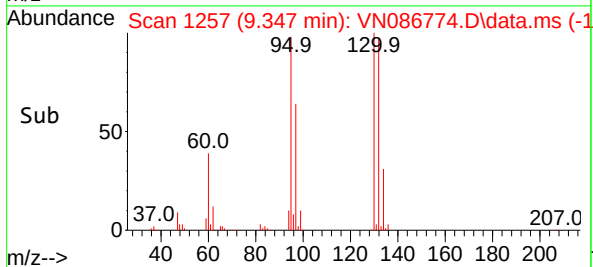
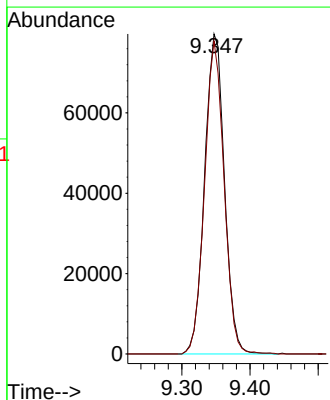
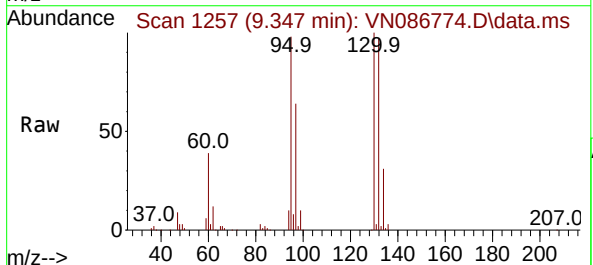
Manual Integrations
APPROVED

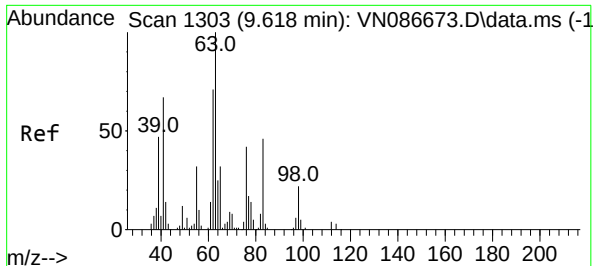
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#44
Trichloroethene
Concen: 50.712 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:130 Resp: 161493
Ion Ratio Lower Upper
130 100
95 97.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 46.065 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 144479

Ion Ratio Lower Upper

63 100

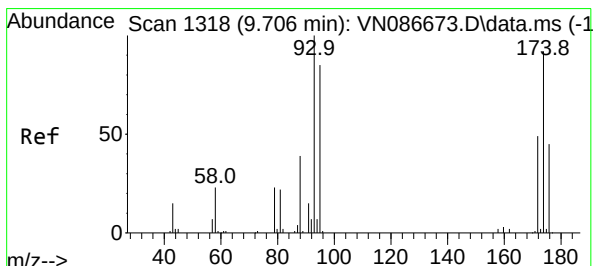
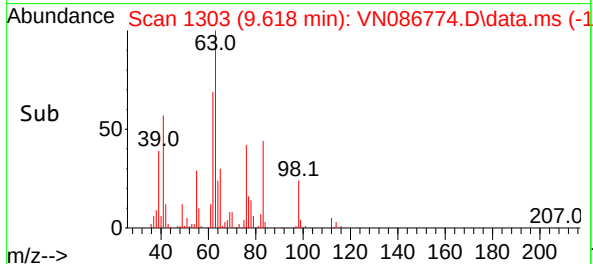
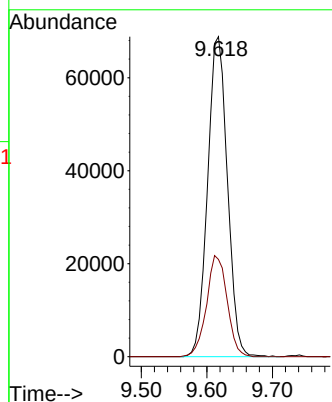
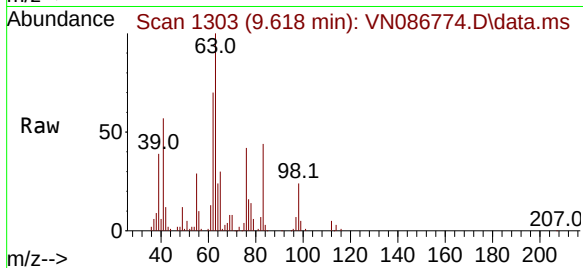
65 30.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#46

Dibromomethane

Concen: 46.072 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

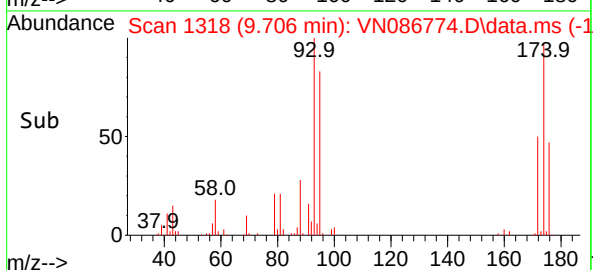
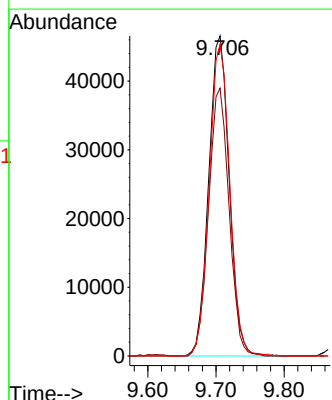
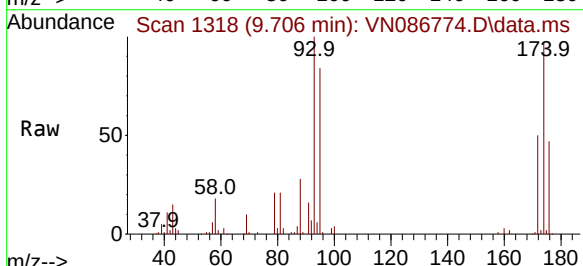
Tgt Ion: 93 Resp: 97505

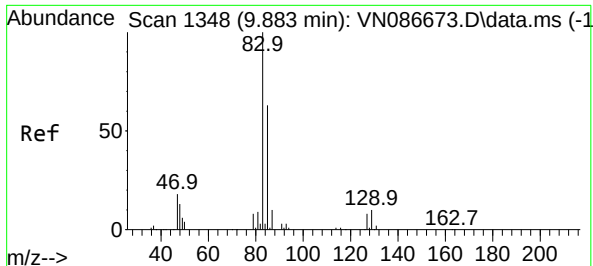
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

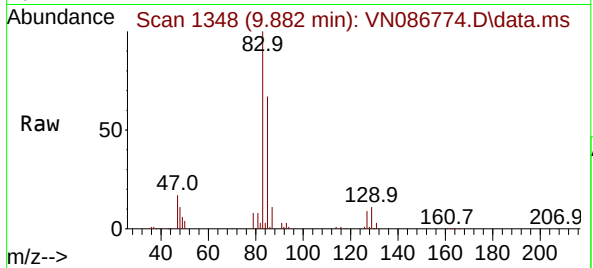
174 97.6 73.8 110.6





#47
Bromodichloromethane
Concen: 46.553 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

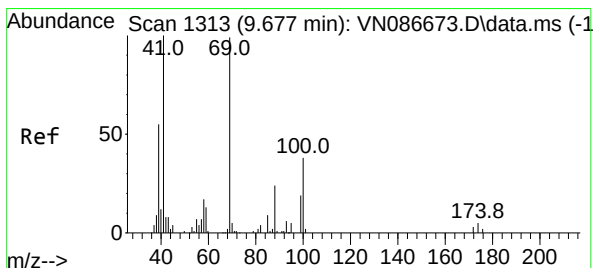
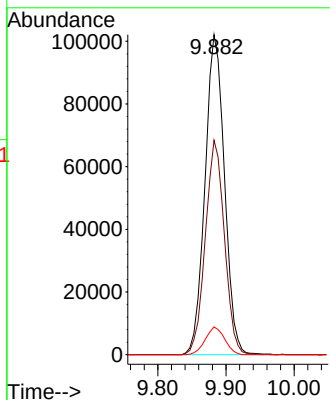
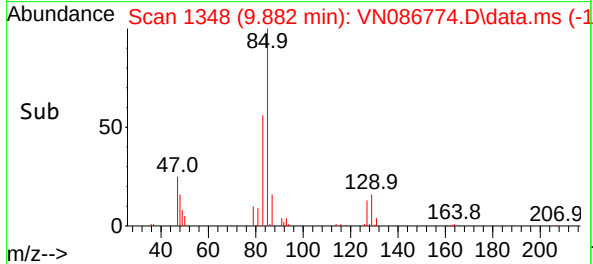
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 203000
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 8.7 6.2 9.4

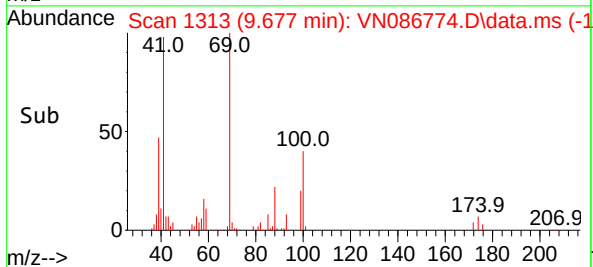
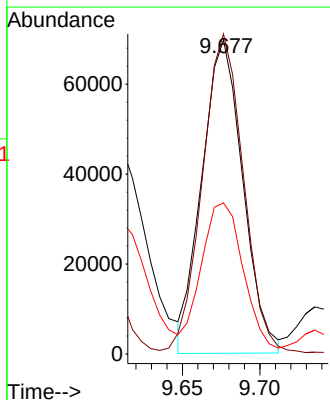
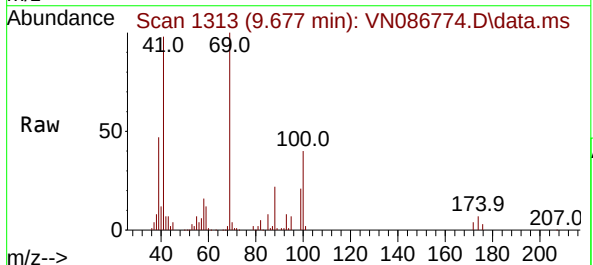
Manual Integrations
APPROVED

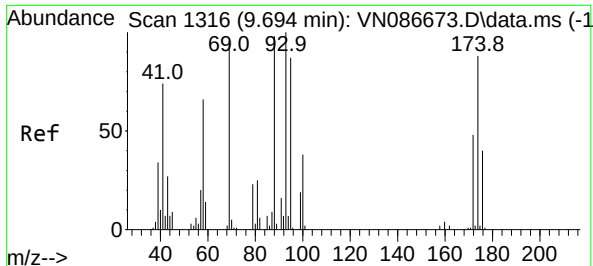
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#48
Methyl methacrylate
Concen: 40.302 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion: 41 Resp: 127997
Ion Ratio Lower Upper
41 100
69 103.4 74.1 111.1
39 50.5 44.1 66.1





#49

1,4-Dioxane

Concen: 785.791 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

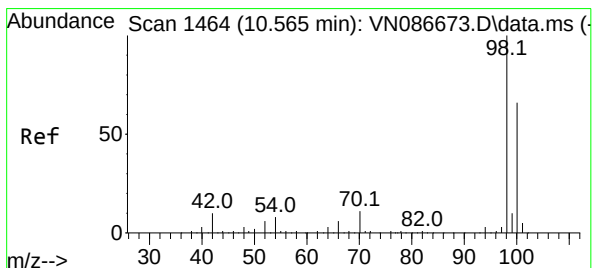
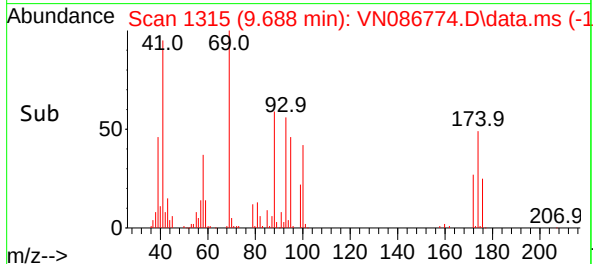
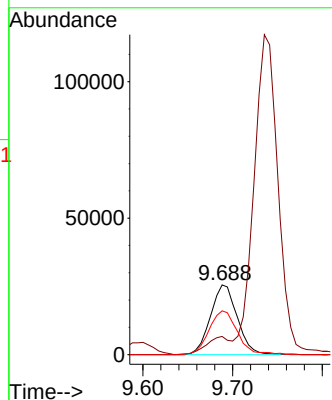
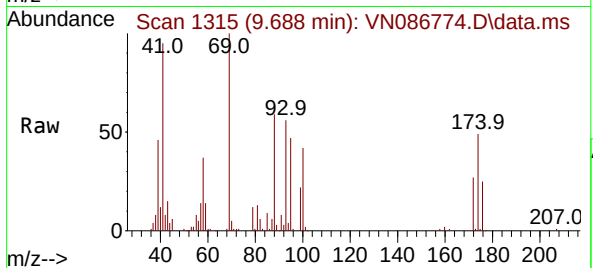
Tgt Ion: 88	Resp: 5284
Ion Ratio	Lower Upper
88	100
43	24.2 23.6 35.4
58	67.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#50

Toluene-d8

Concen: 50.931 ug/l

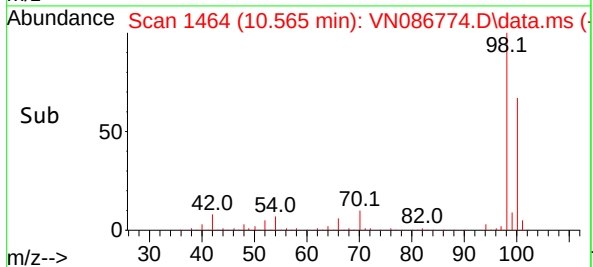
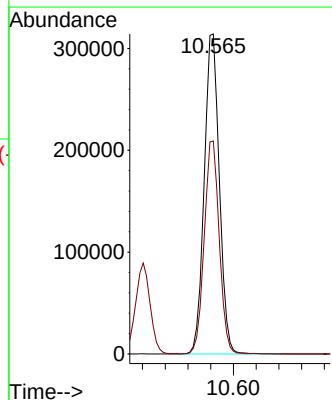
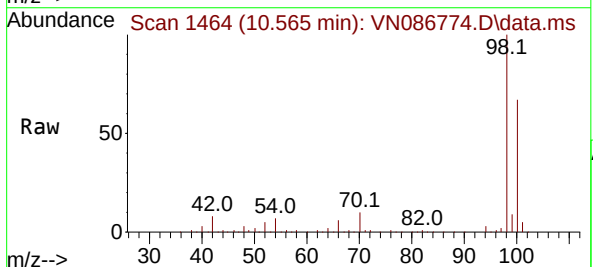
RT: 10.565 min Scan# 1464

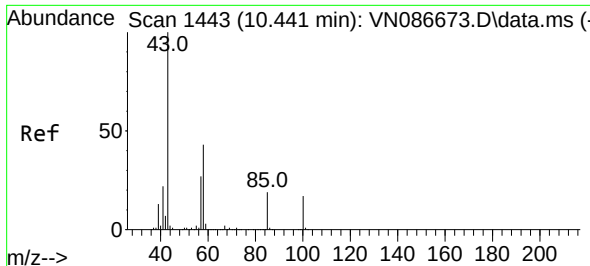
Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Tgt Ion: 98	Resp: 579123
Ion Ratio	Lower Upper
98	100
100	66.2 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 191.570 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

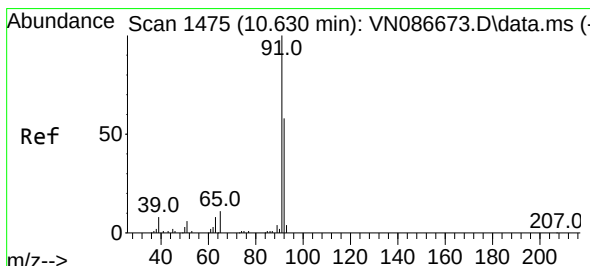
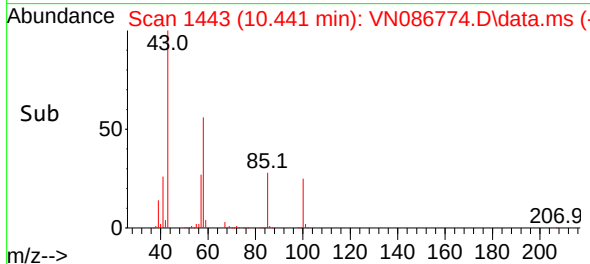
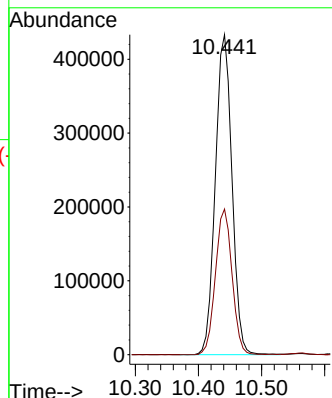
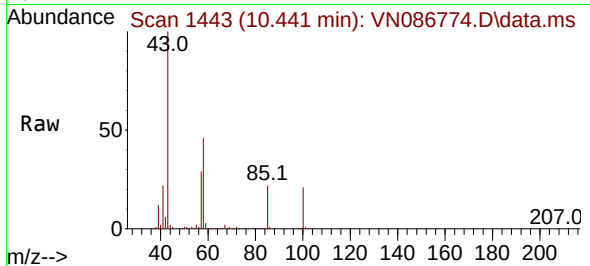
VSTDCCC050EC

Tgt Ion: 43 Resp: 791785
Ion Ratio Lower Upper
43 100
58 45.5 33.9 50.9

Manual Integrations

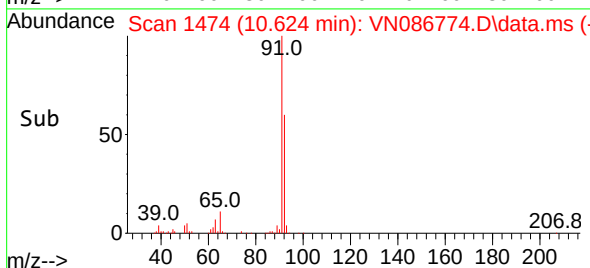
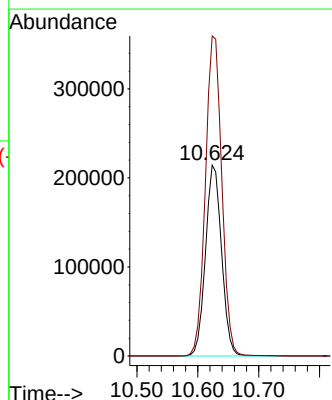
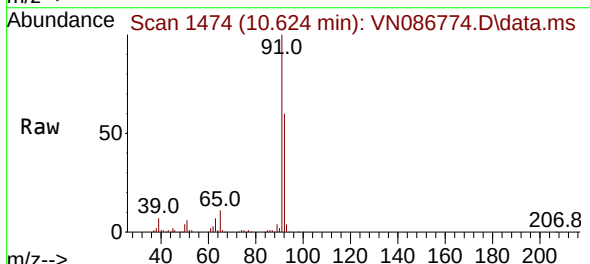
APPROVED

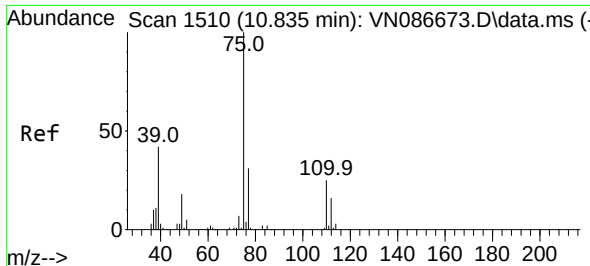
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#52
Toluene
Concen: 47.879 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

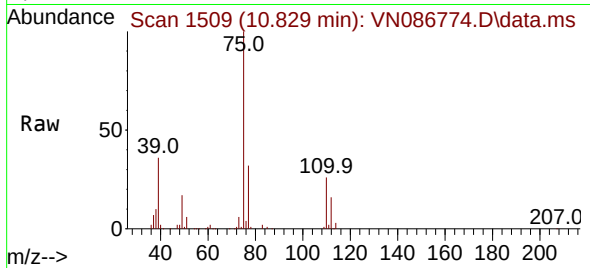
Tgt Ion: 92 Resp: 392890
Ion Ratio Lower Upper
92 100
91 171.1 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 48.714 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

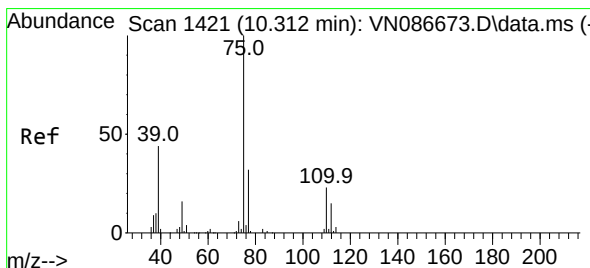
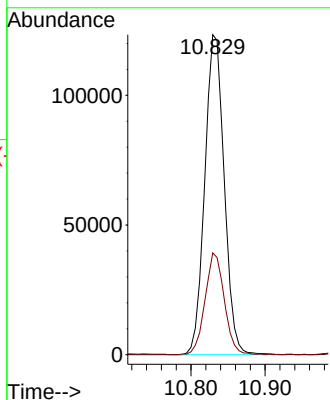
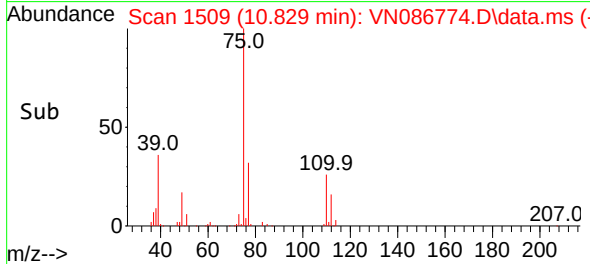
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



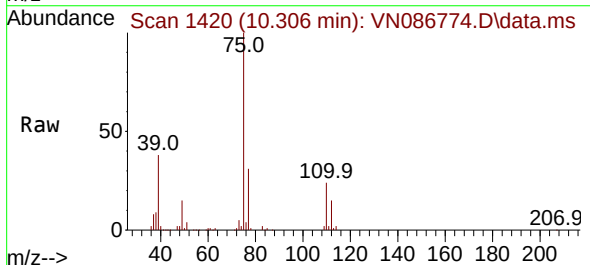
Tgt Ion: 75 Resp: 224909
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8

Manual Integrations
APPROVED

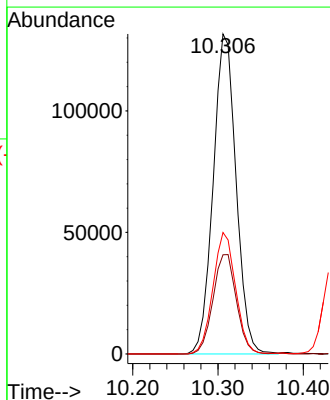
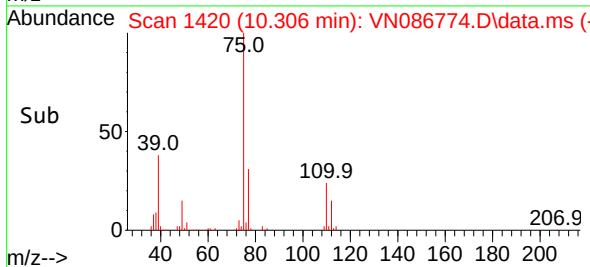
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

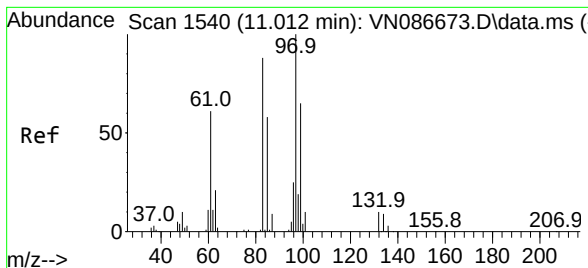


#54
cis-1,3-Dichloropropene
Concen: 48.792 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



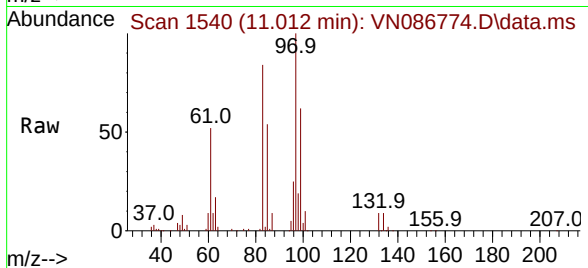
Tgt Ion: 75 Resp: 245906
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 38.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 45.906 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

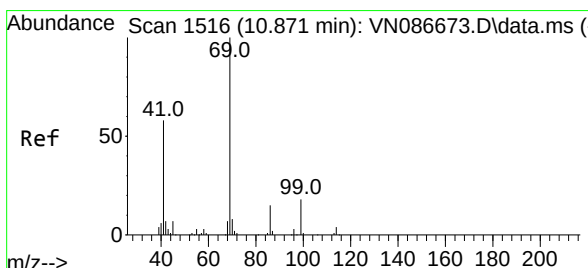
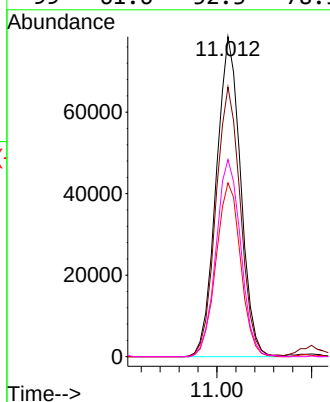
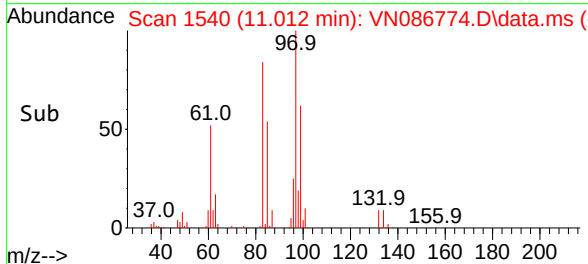
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	14052
Ion Ratio	100	Lower	Upper
97	100		
83	84.3	70.4	105.6
85	54.3	46.1	69.1
99	61.6	52.3	78.5

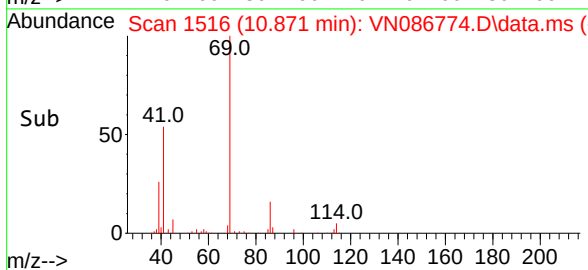
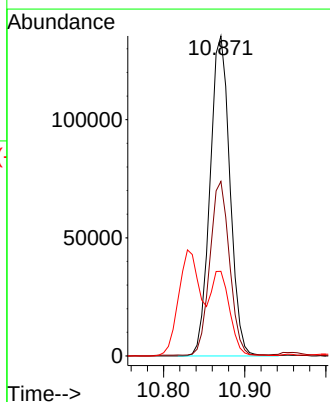
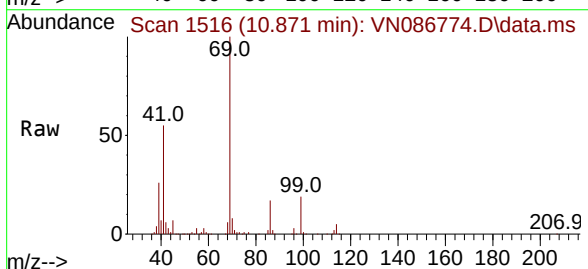
Manual Integrations
APPROVED

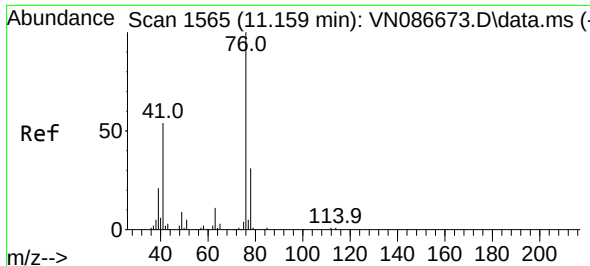
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#56
Ethyl methacrylate
Concen: 46.871 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:	69	Resp:	230364
Ion Ratio	100	Lower	Upper
69	100		
41	54.7	47.4	71.0
39	24.4	24.0	36.0





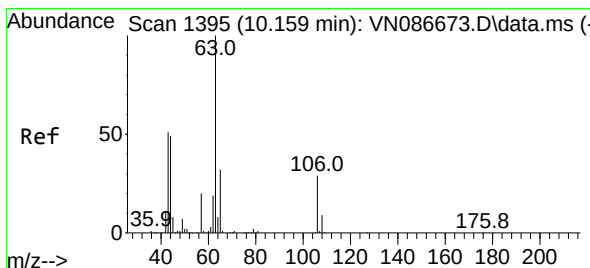
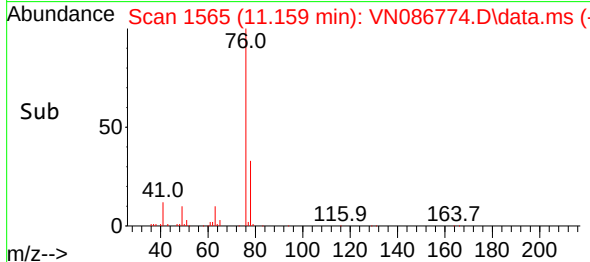
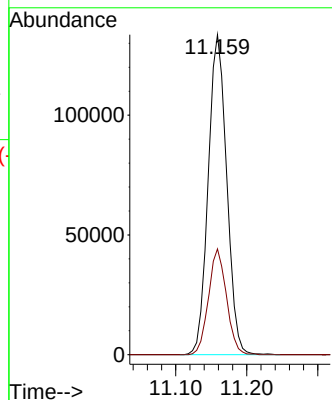
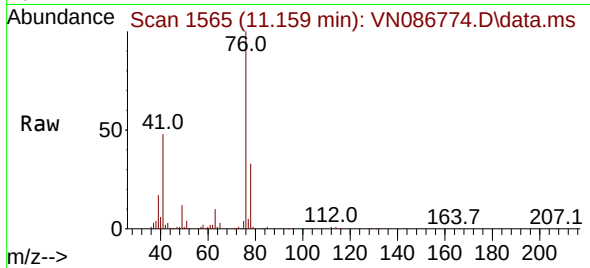
#57
1,3-Dichloropropane
Concen: 45.841 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 241744
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

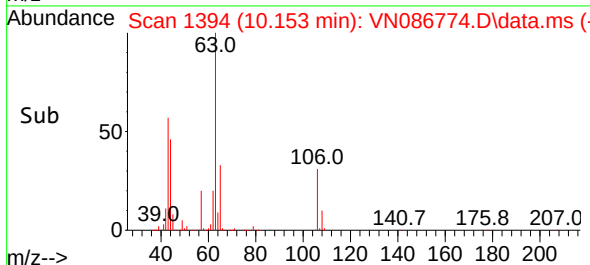
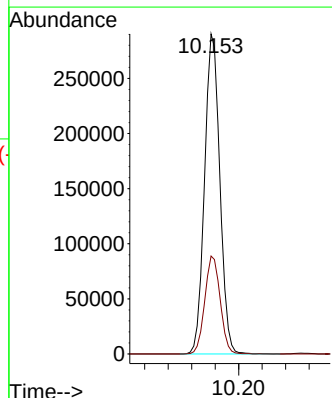
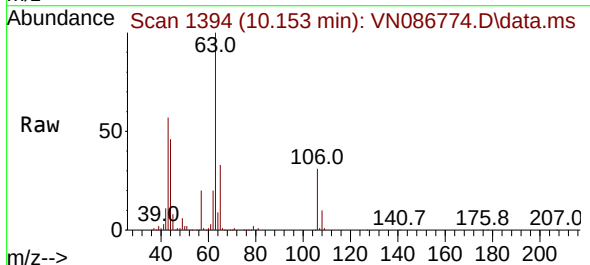
Manual Integrations
APPROVED

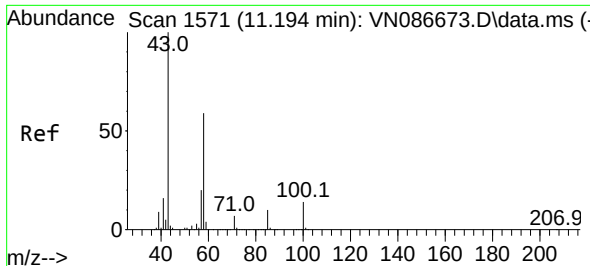
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 238.240 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

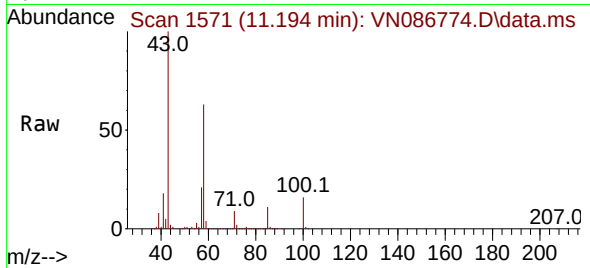
Tgt Ion: 63 Resp: 523312
Ion Ratio Lower Upper
63 100
106 30.7 23.1 34.7





#59
2-Hexanone
Concen: 192.134 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

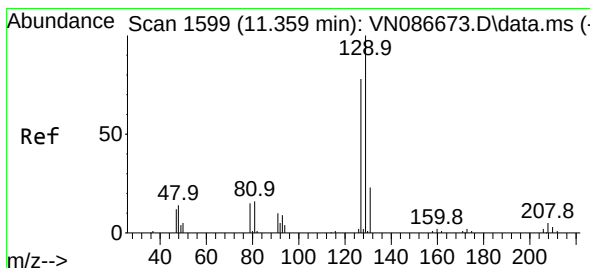
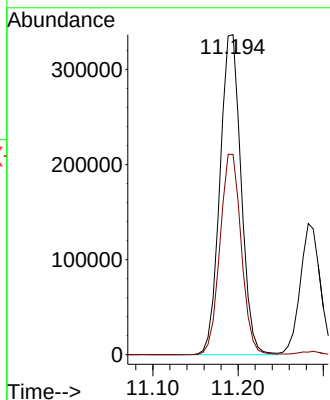
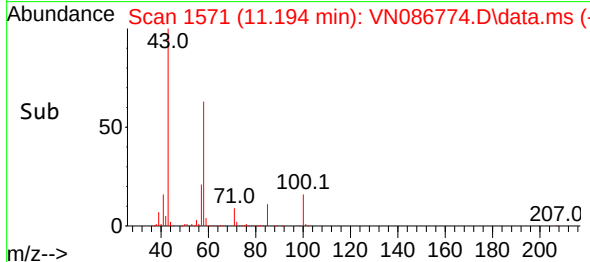
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57990
Ion Ratio Lower Upper
43 100
58 63.1 29.8 89.5

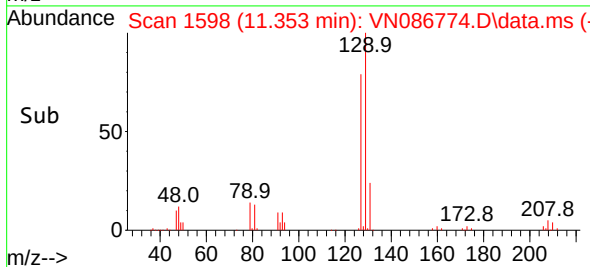
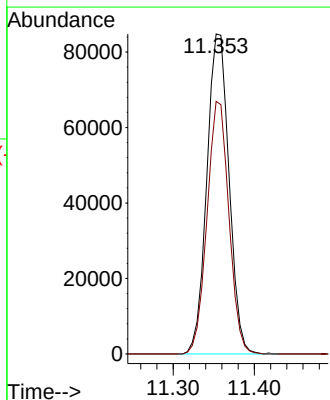
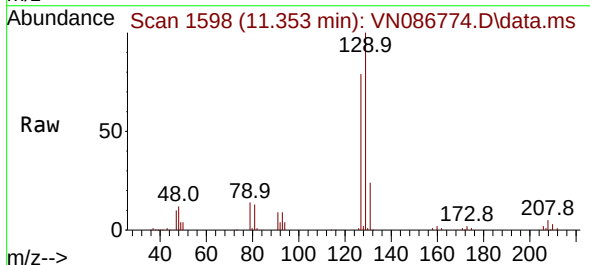
Manual Integrations
APPROVED

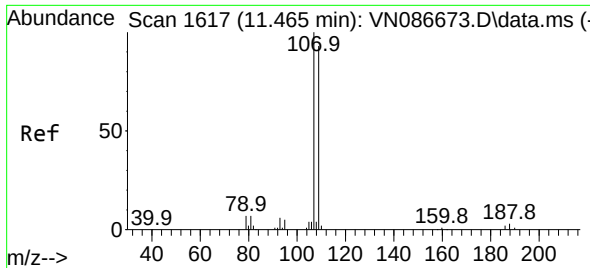
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#60
Dibromochloromethane
Concen: 50.192 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:129 Resp: 161017
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3





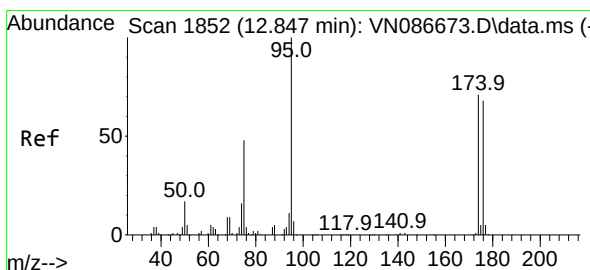
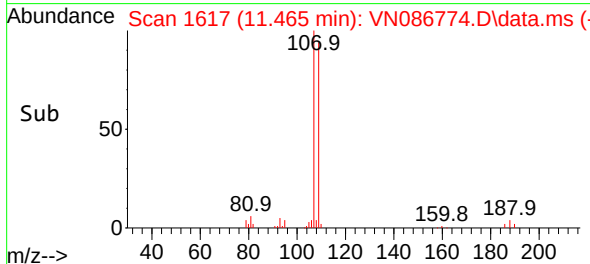
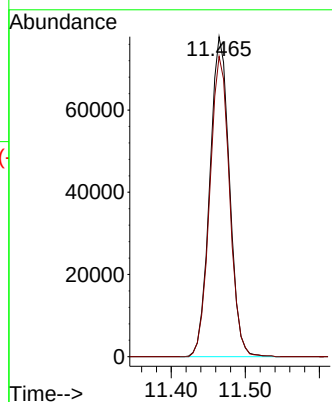
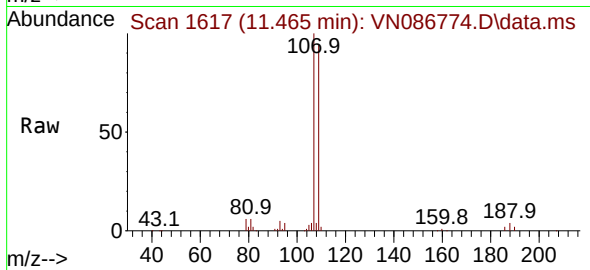
#61
1,2-Dibromoethane
Concen: 46.661 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 143532
Ion Ratio Lower Upper
107 100
109 94.2 75.0 112.4

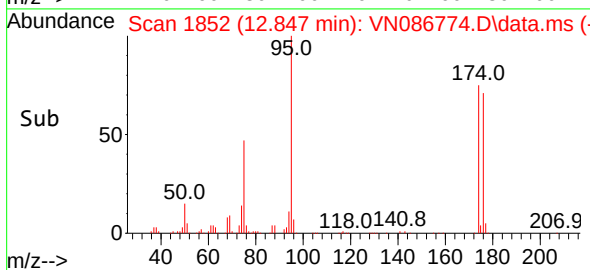
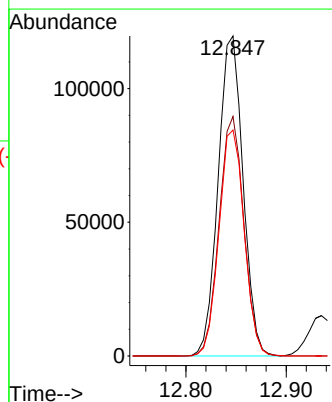
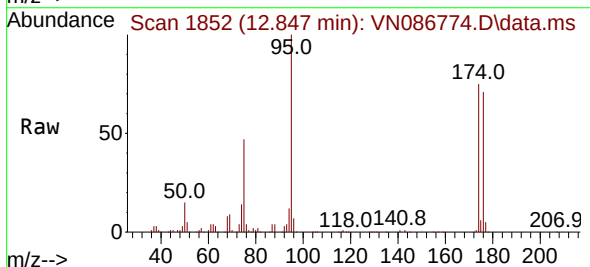
Manual Integrations
APPROVED

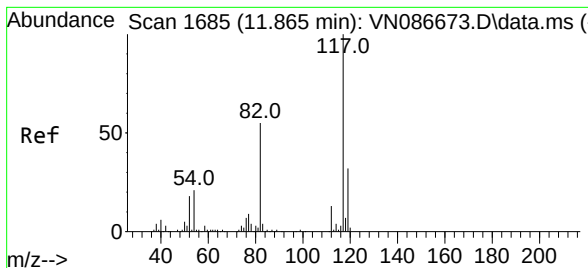
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

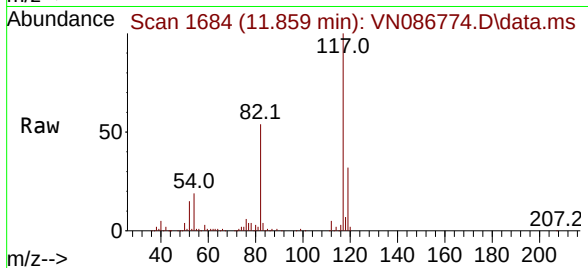
Tgt Ion: 95 Resp: 205938
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.4
176 71.4 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

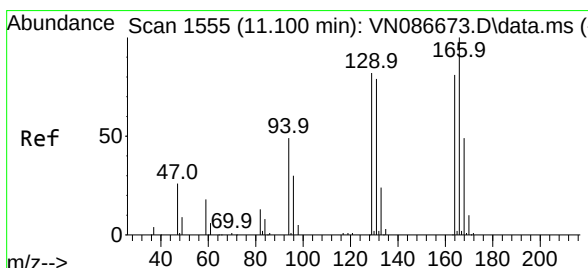
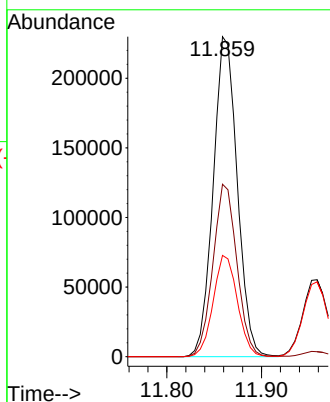
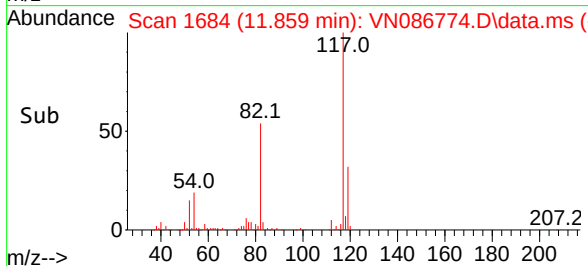
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 40682
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.7 25.4 38.2

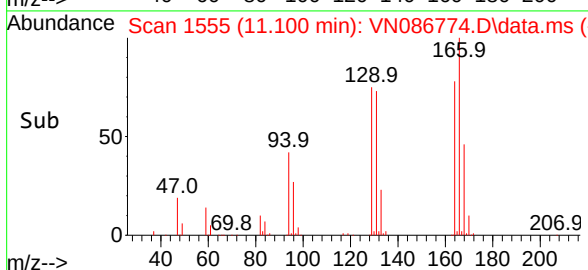
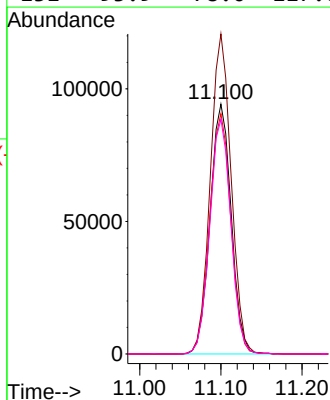
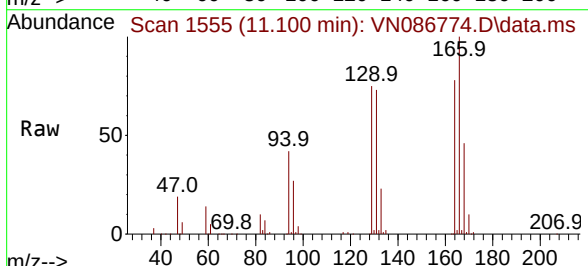
Manual Integrations
APPROVED

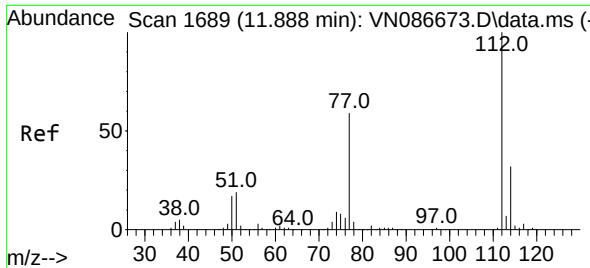
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#64
Tetrachloroethene
Concen: 54.694 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

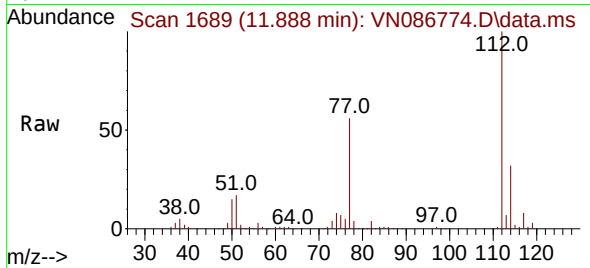
Tgt Ion:164 Resp: 170453
Ion Ratio Lower Upper
164 100
166 128.1 98.2 147.4
129 96.2 81.0 121.4
131 93.9 78.0 117.0





#65
Chlorobenzene
Concen: 48.888 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

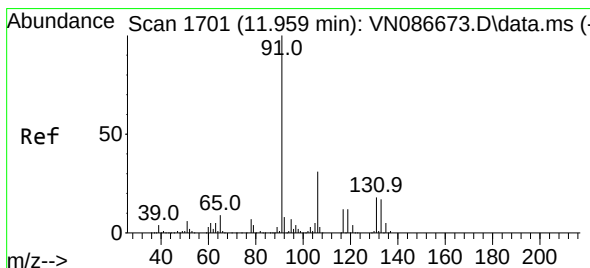
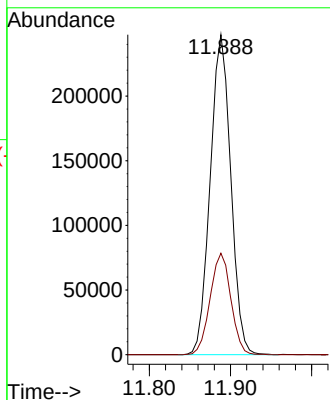
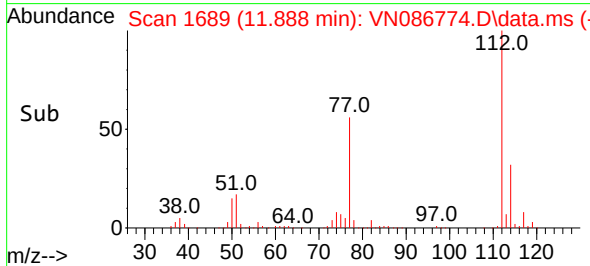
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



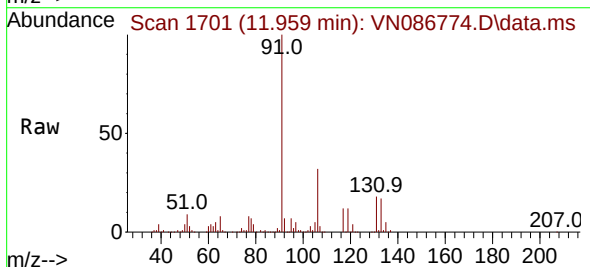
Tgt Ion:112 Resp: 436124
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9

Manual Integrations
APPROVED

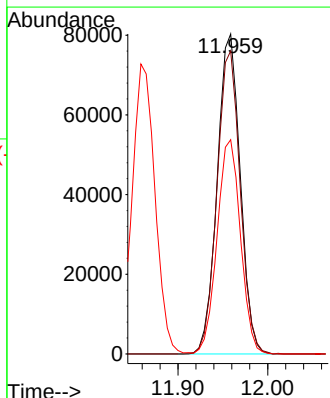
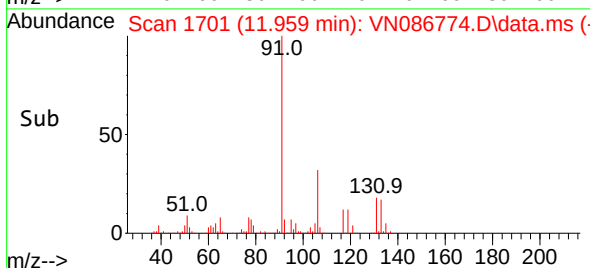
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

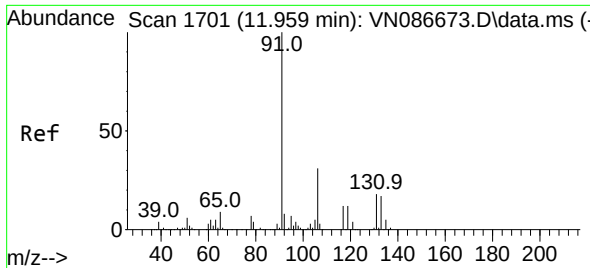


#66
1,1,1,2-Tetrachloroethane
Concen: 49.671 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



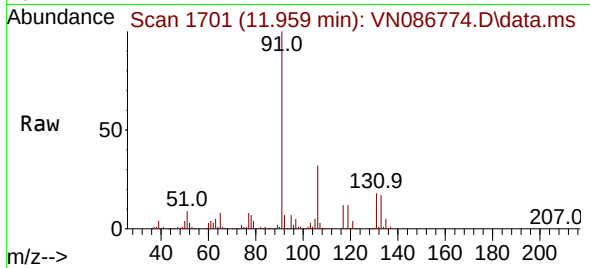
Tgt Ion:131 Resp: 143048
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 68.0 33.6 100.8





#67
Ethyl Benzene
Concen: 48.428 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

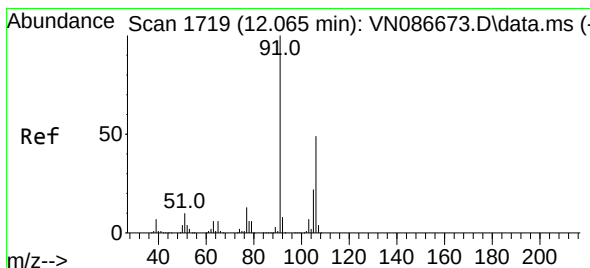
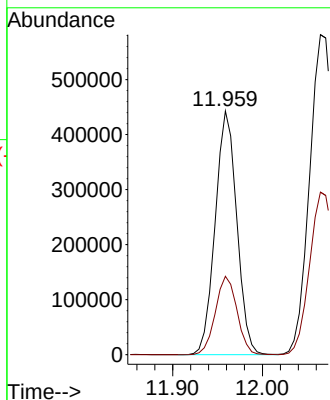
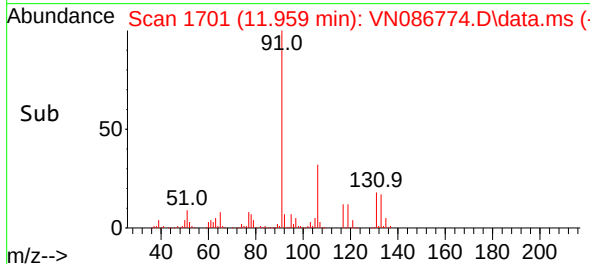
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 739972
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

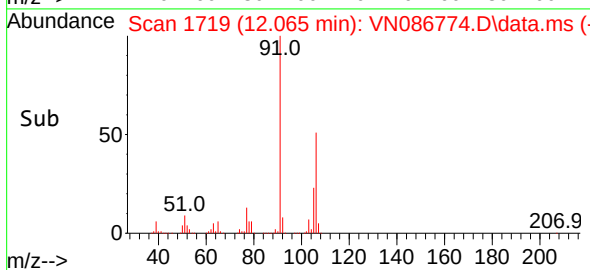
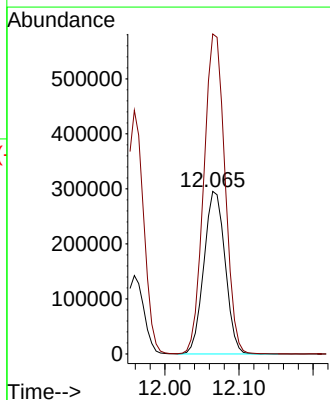
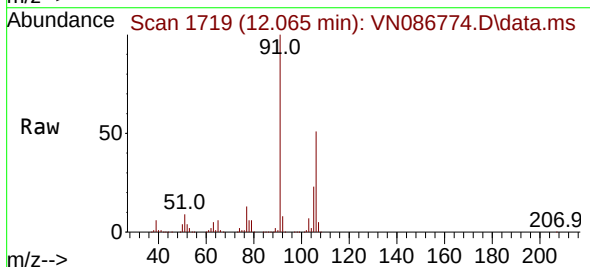
Manual Integrations
APPROVED

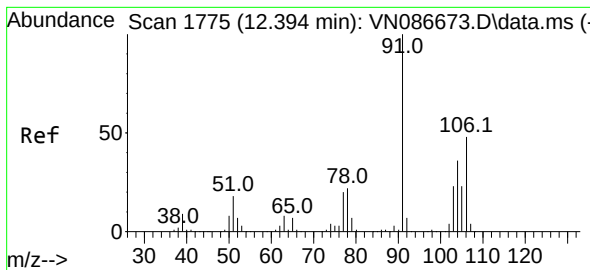
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#68
m/p-Xylenes
Concen: 101.572 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:106 Resp: 587843
Ion Ratio Lower Upper
106 100
91 196.2 162.4 243.6





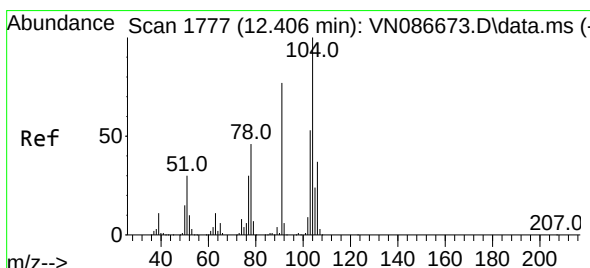
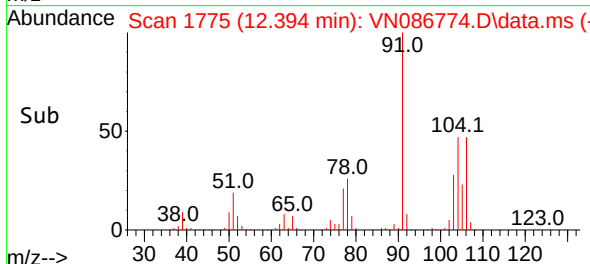
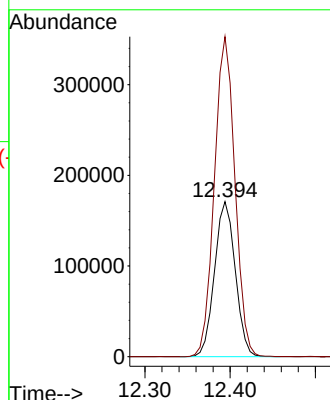
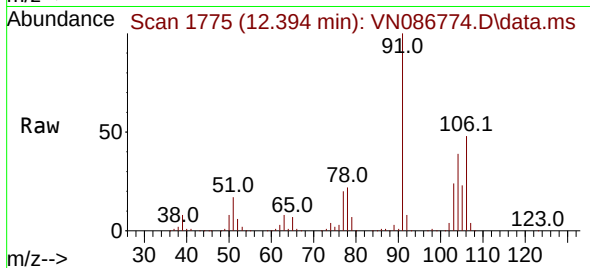
#69
o-Xylene
Concen: 50.166 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 288644
Ion Ratio Lower Upper
106 100
91 205.1 105.1 315.1

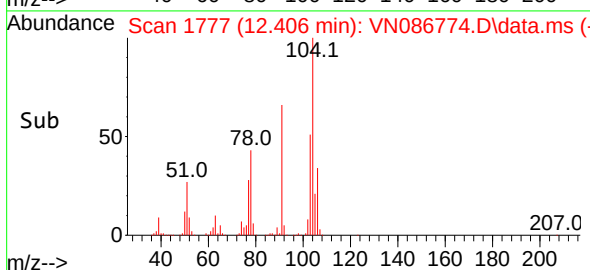
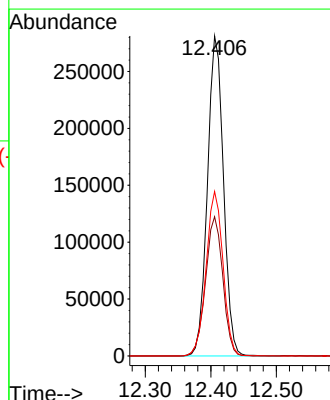
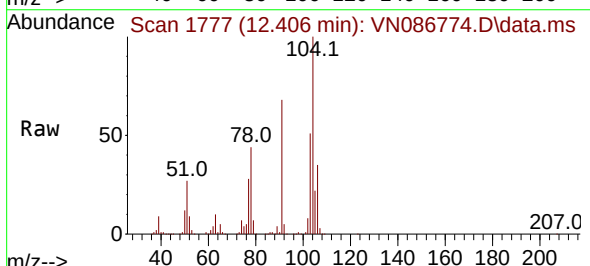
Manual Integrations
APPROVED

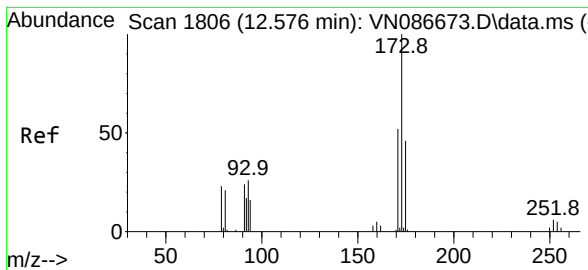
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#70
Styrene
Concen: 50.825 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

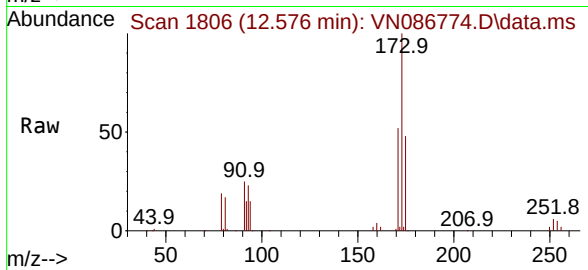
Tgt Ion:104 Resp: 478785
Ion Ratio Lower Upper
104 100
78 46.8 39.0 58.6
103 54.3 43.8 65.8





#71
Bromoform
Concen: 50.089 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

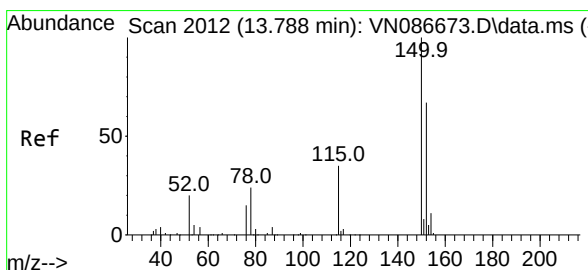
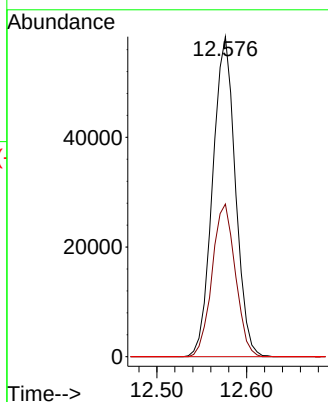
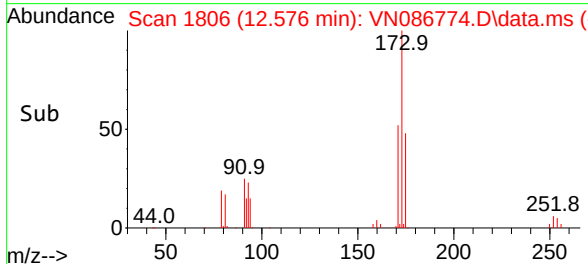
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



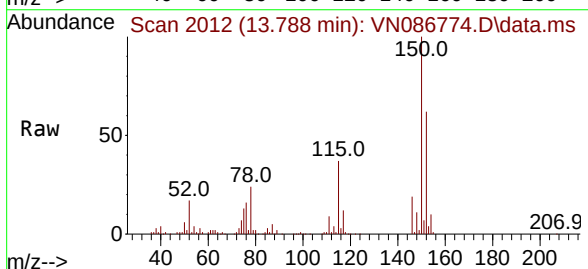
Tgt Ion:173 Resp: 102589
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

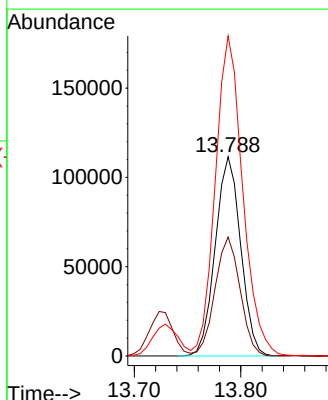
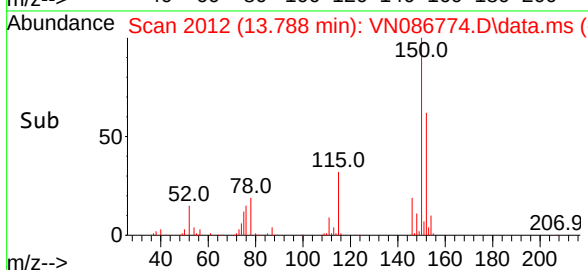
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

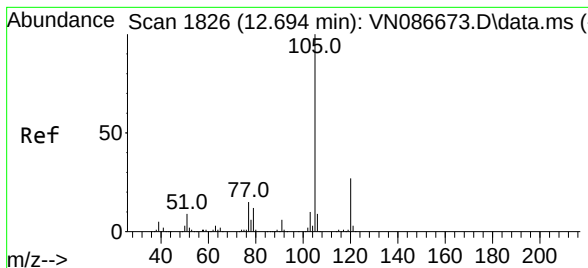


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



Tgt Ion:152 Resp: 184712
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.1
150 173.3 0.0 347.8





#73

Isopropylbenzene

Concen: 48.369 ug/l

RT: 12.688 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 69003

Ion Ratio Lower Upper

105 100

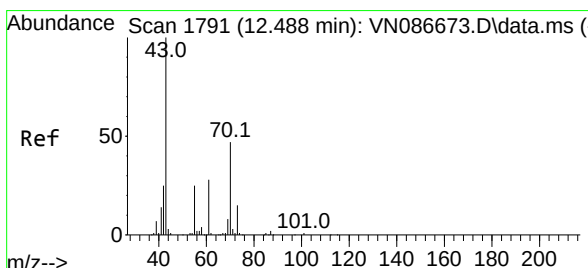
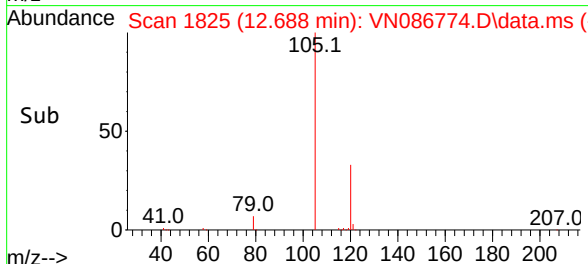
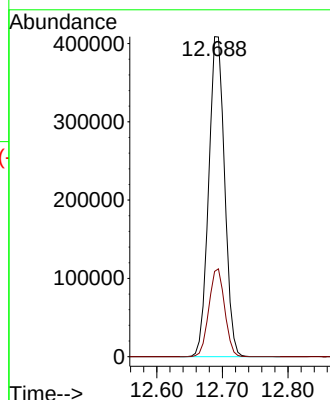
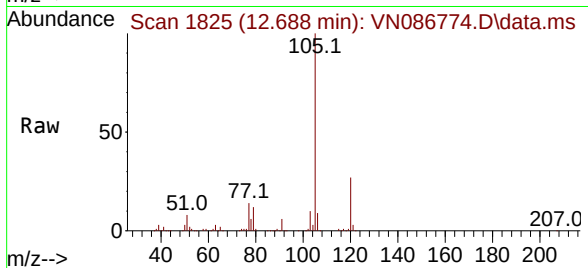
120 27.2 13.4 40.1

Manual Integrations

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Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#74

N-ethyl acetate

Concen: 37.410 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Tgt Ion: 43 Resp: 222981

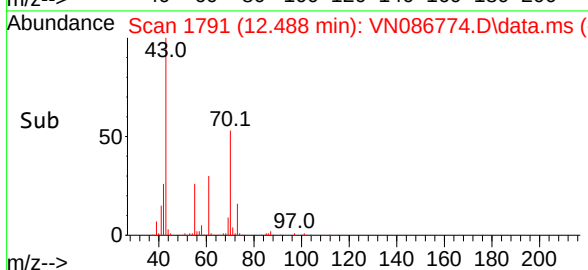
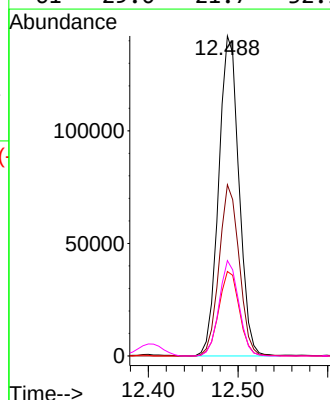
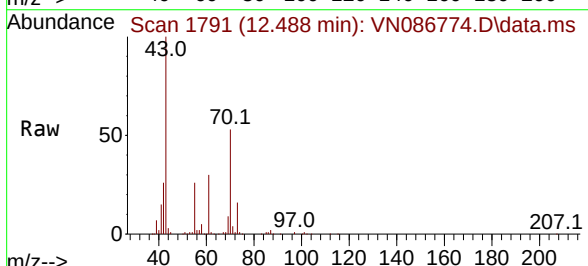
Ion Ratio Lower Upper

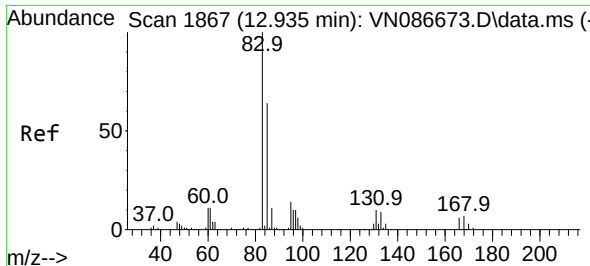
43 100

70 53.0 37.9 56.9

55 26.9 20.5 30.7

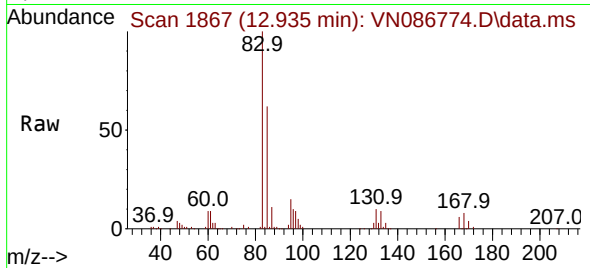
61 29.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 40.109 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

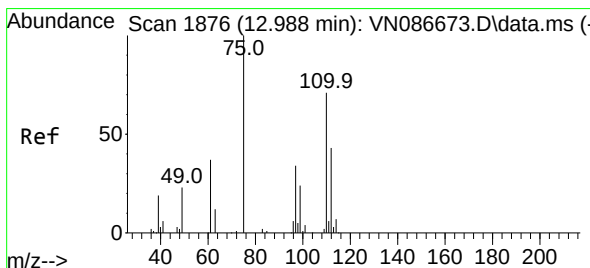
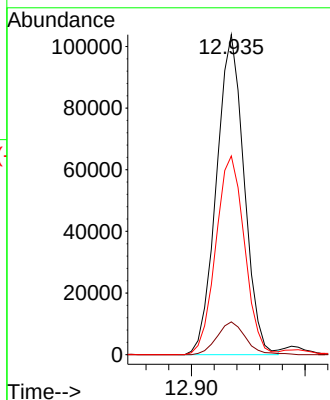
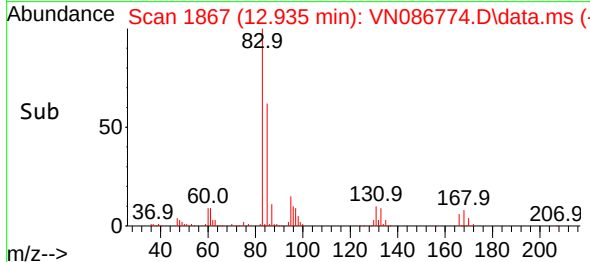
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



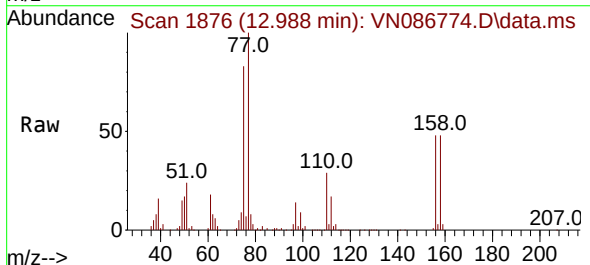
Tgt Ion: 83 Resp: 175792
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 64.3 32.4 97.2

Manual Integrations
APPROVED

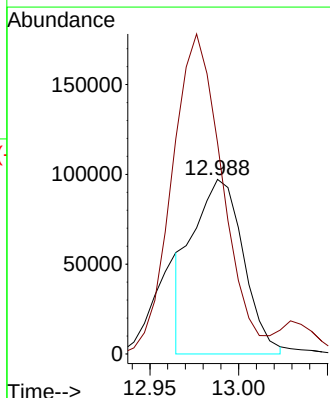
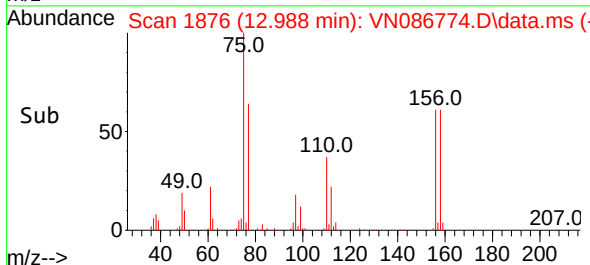
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

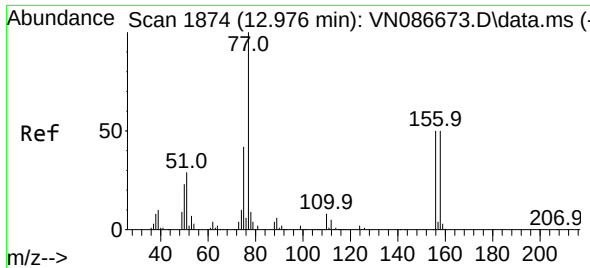


#76
1,2,3-Trichloropropane
Concen: 46.007 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



Tgt Ion: 75 Resp: 192190
Ion Ratio Lower Upper
75 100
77 183.8 96.0 288.1





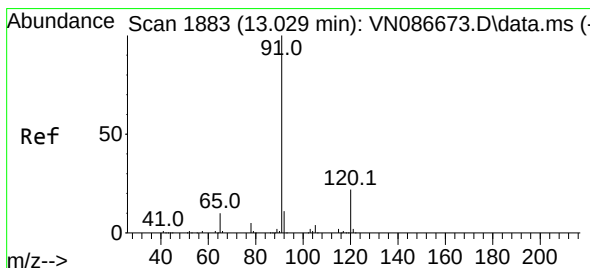
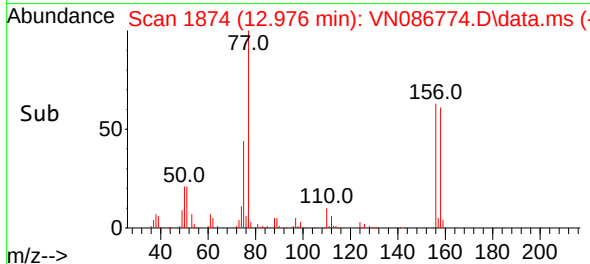
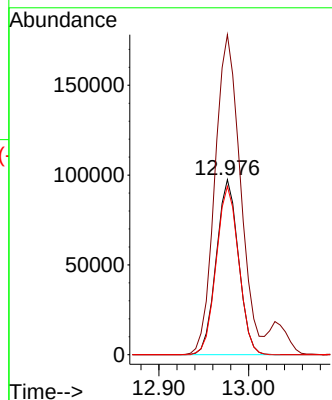
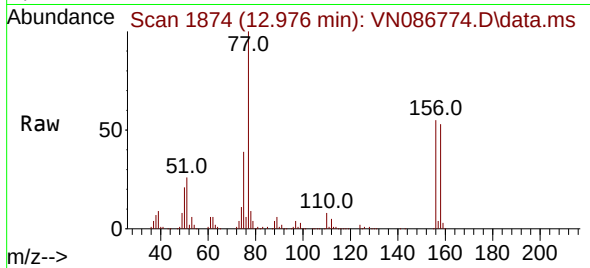
#77
Bromobenzene
Concen: 46.737 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 167720
Ion Ratio Lower Upper
156 100
77 210.6 113.1 339.2
158 97.1 48.6 145.9

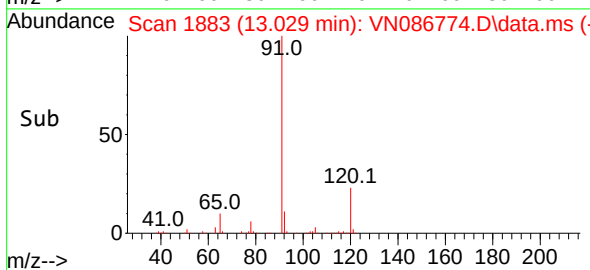
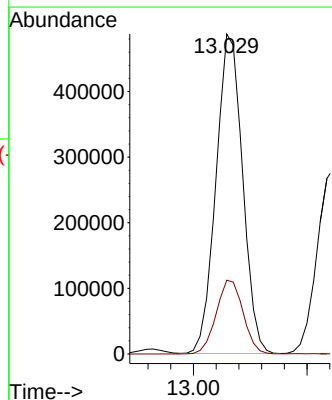
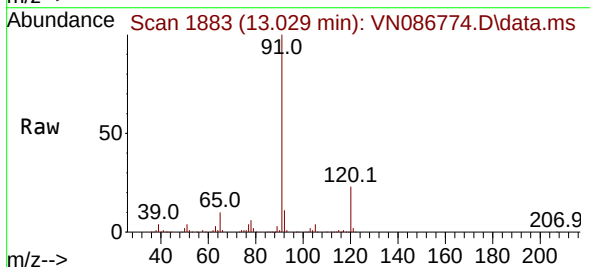
Manual Integrations
APPROVED

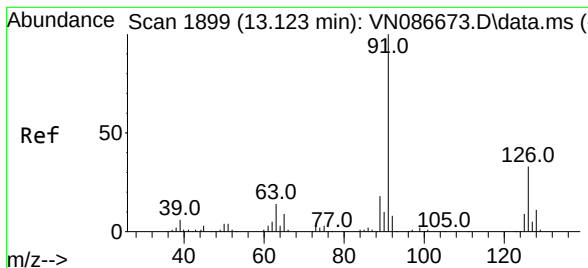
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#78
n-propylbenzene
Concen: 48.330 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion: 91 Resp: 791249
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.1





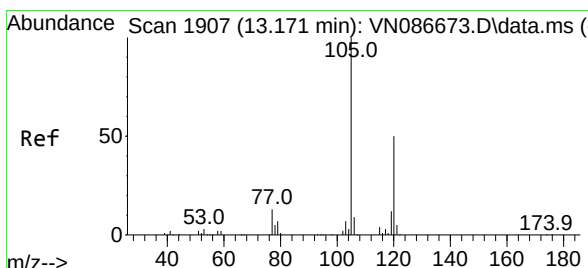
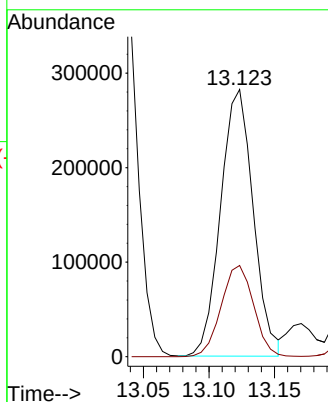
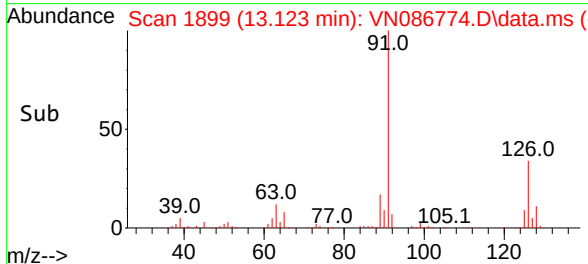
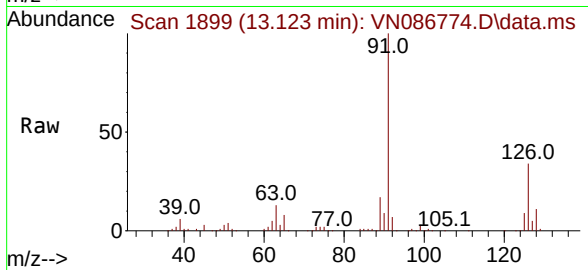
#79
2-Chlorotoluene
Concen: 45.954 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 489179
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.7

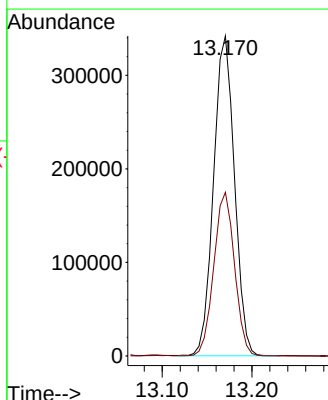
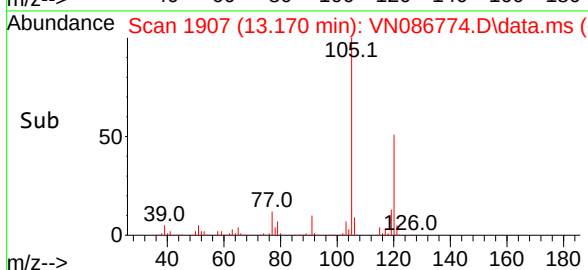
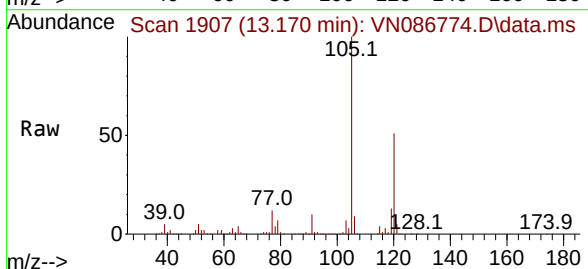
Manual Integrations
APPROVED

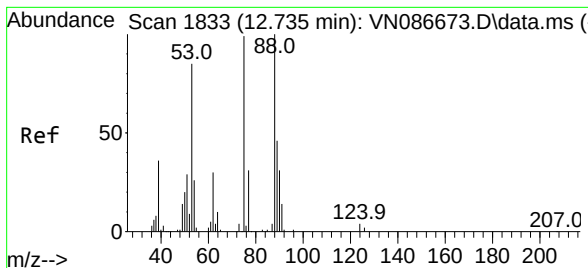
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.348 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:105 Resp: 552599
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.6





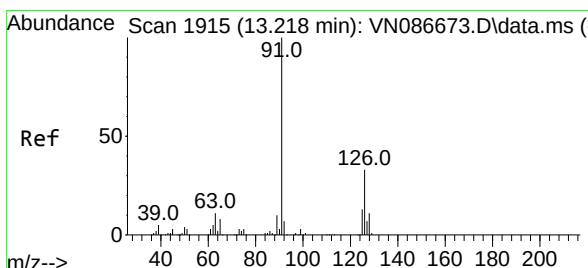
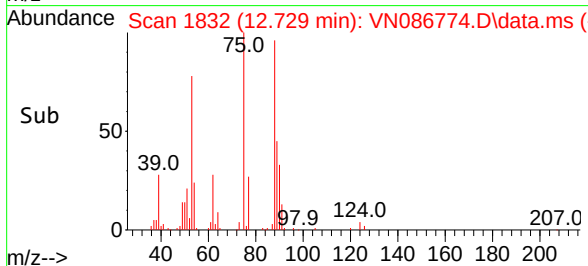
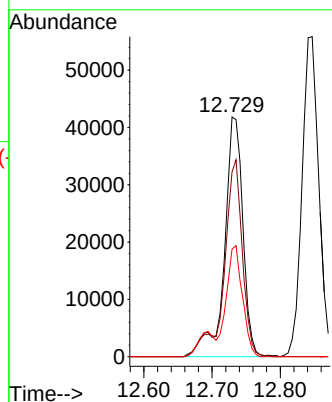
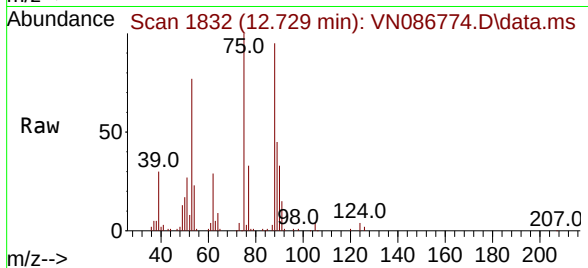
#81
trans-1,4-Dichloro-2-butene
Concen: 47.755 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 79049
Ion Ratio Lower Upper
75 100
53 80.8 70.4 105.6
89 40.3 32.4 48.6

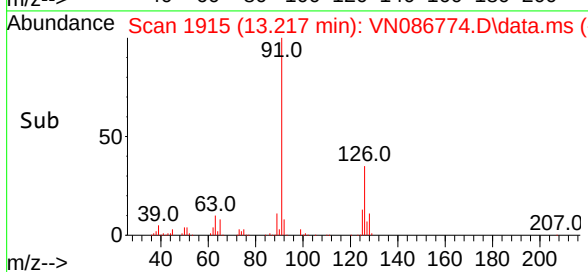
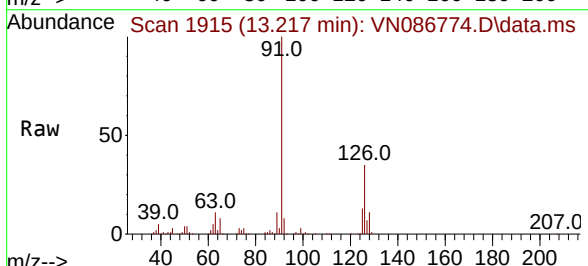
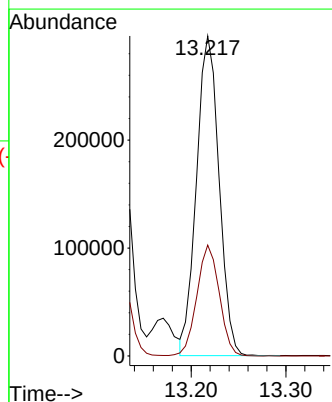
Manual Integrations
APPROVED

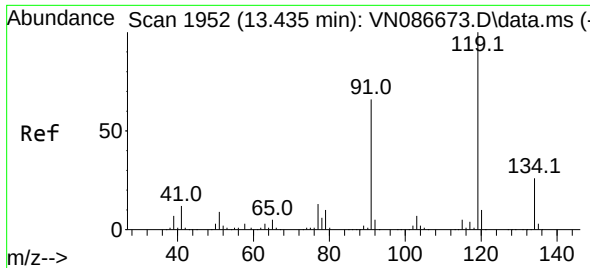
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#82
4-Chlorotoluene
Concen: 46.600 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

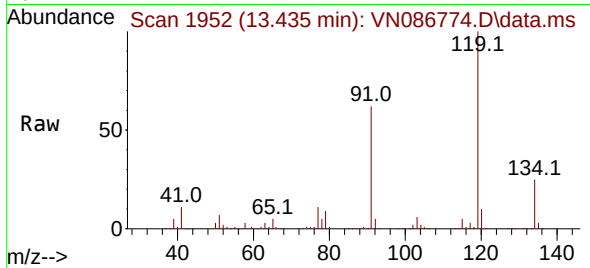
Tgt Ion: 91 Resp: 491460
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83
tert-Butylbenzene
Concen: 48.341 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

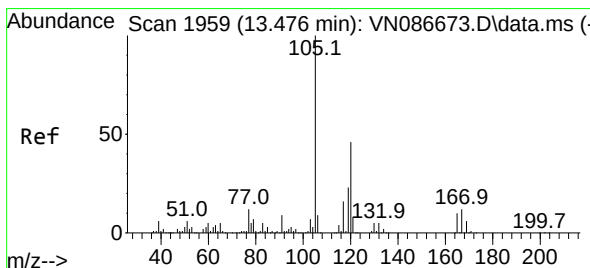
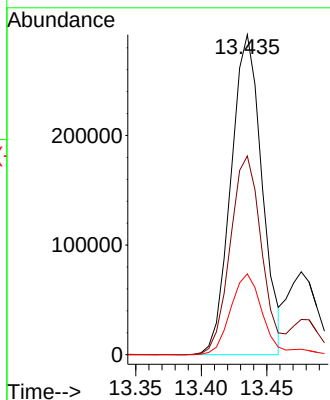
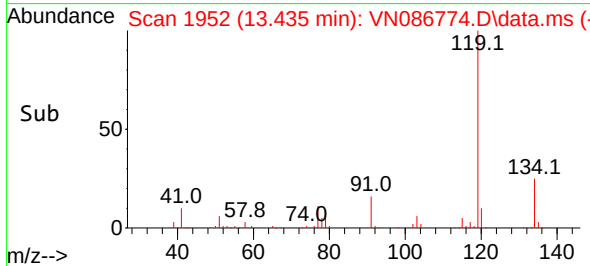
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



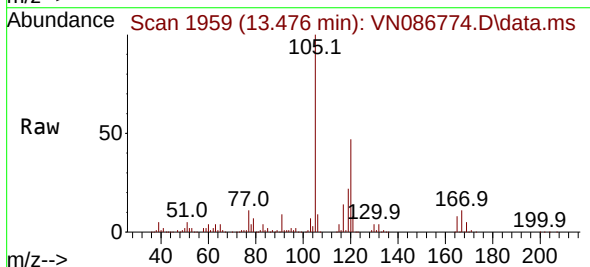
Tgt Ion:119 Resp: 481840
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.7
134 26.4 13.4 40.1

Manual Integrations
APPROVED

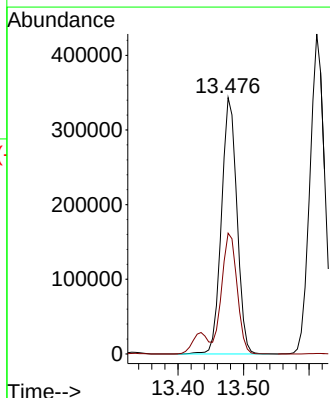
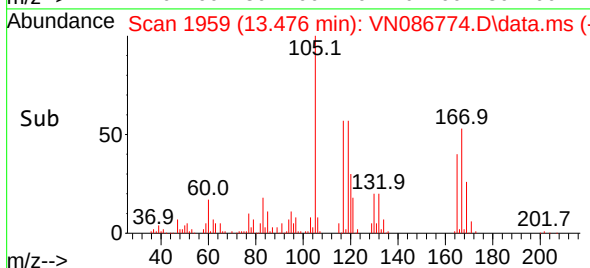
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025

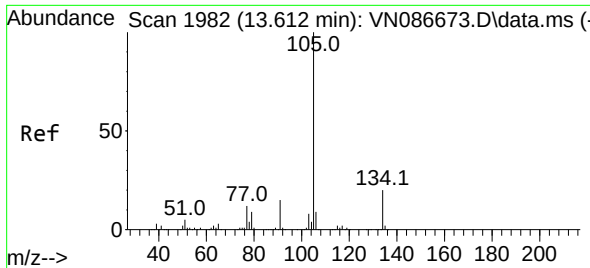


#84
1,2,4-Trimethylbenzene
Concen: 49.260 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45



Tgt Ion:105 Resp: 560668
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





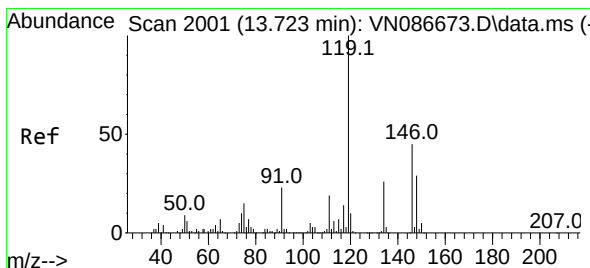
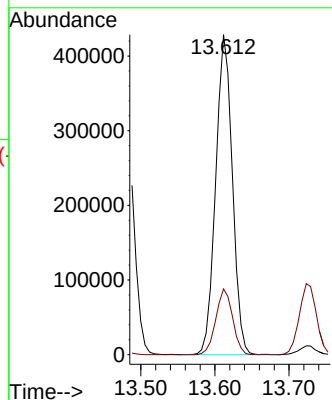
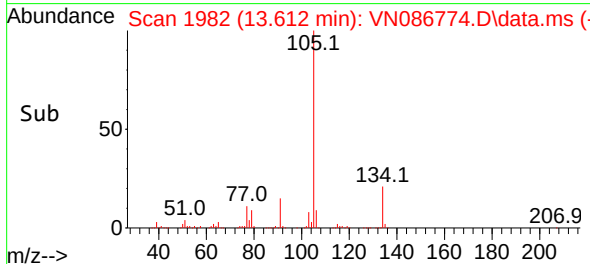
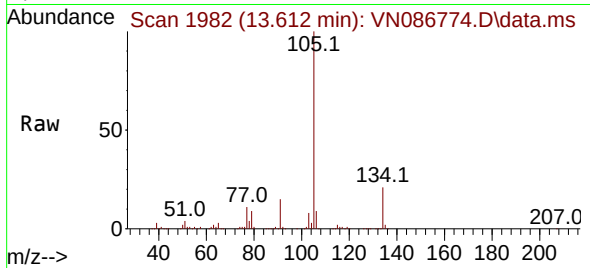
#85
 sec-Butylbenzene
 Concen: 50.027 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 668628
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

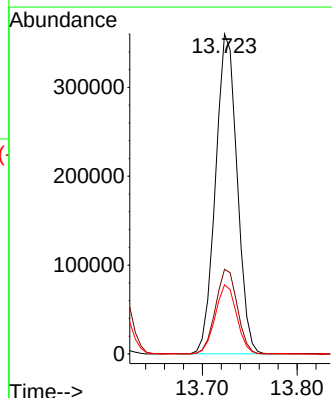
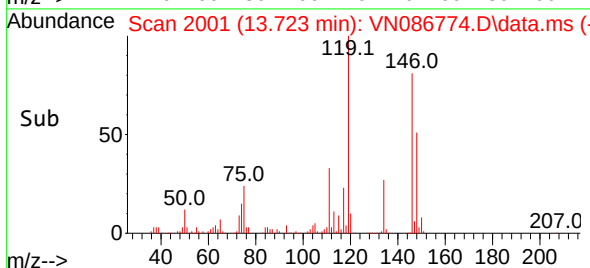
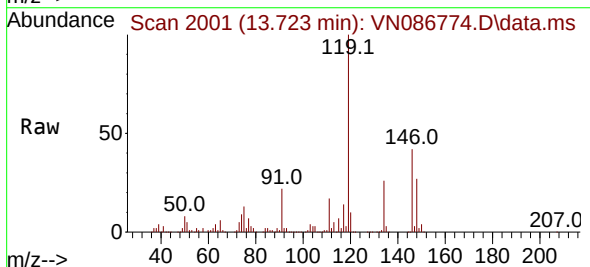
Manual Integrations
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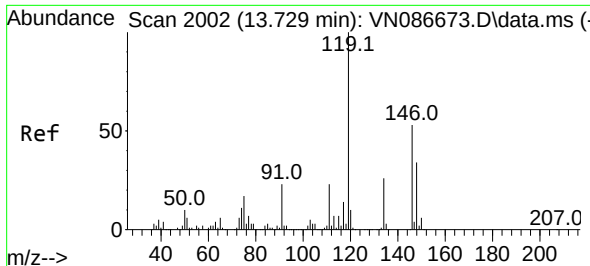
Reviewed By :John Carlone 05/27/2025
 Supervised By :Mahesh Dadoda 05/27/2025



#86
 p-Isopropyltoluene
 Concen: 51.967 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

Tgt Ion:119 Resp: 569315
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 21.4 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 47.828 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

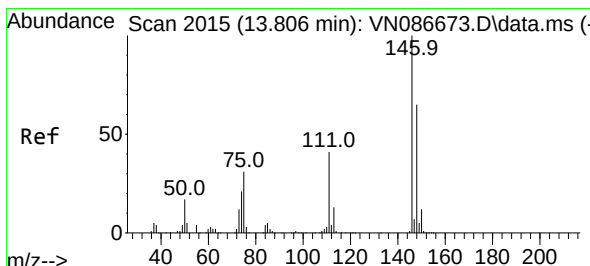
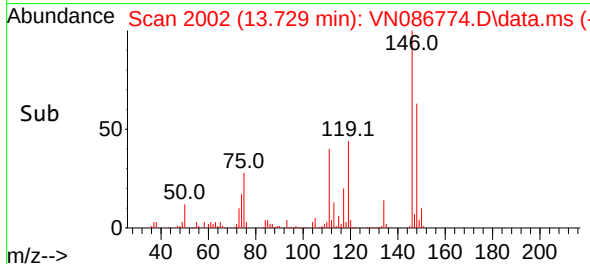
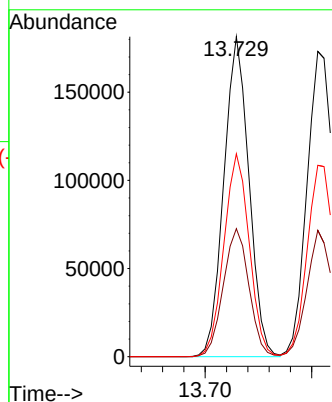
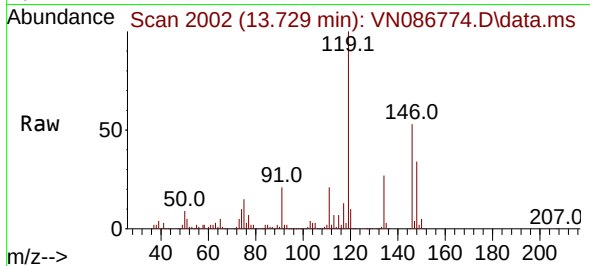
VSTDCCC050EC

Tgt Ion:146 Resp: 297215
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.7
148 64.0 31.8 95.4

Manual Integrations

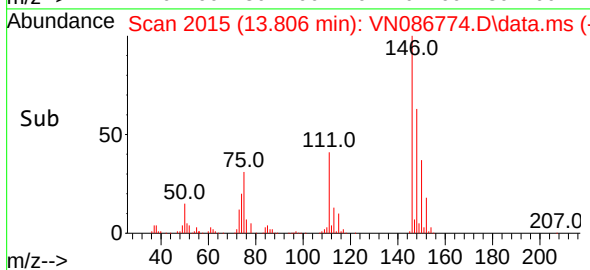
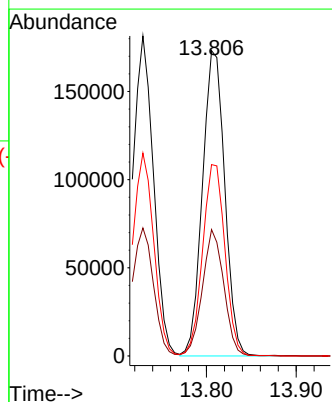
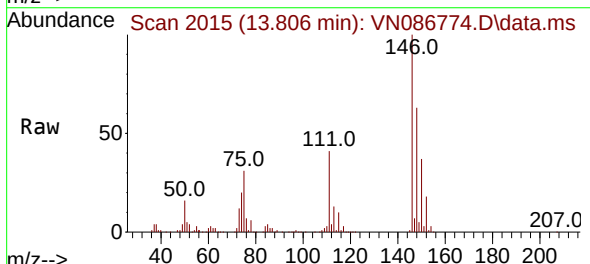
APPROVED

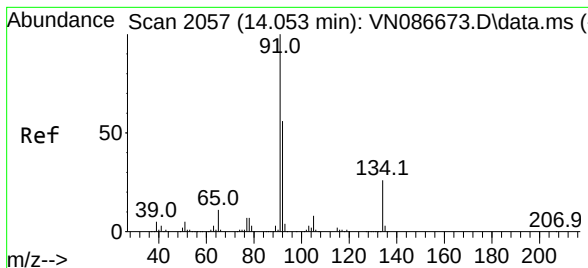
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#88
1,4-Dichlorobenzene
Concen: 48.629 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:146 Resp: 299409
Ion Ratio Lower Upper
146 100
111 39.4 20.6 61.8
148 62.8 32.0 96.0





#89

n-Butylbenzene

Concen: 52.376 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086774.D

Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 475680

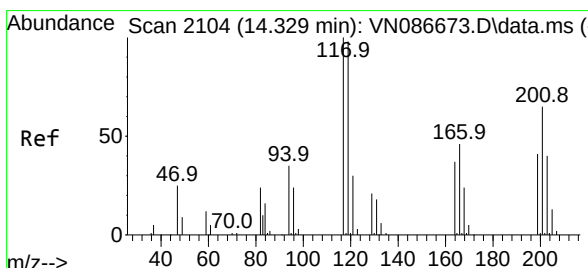
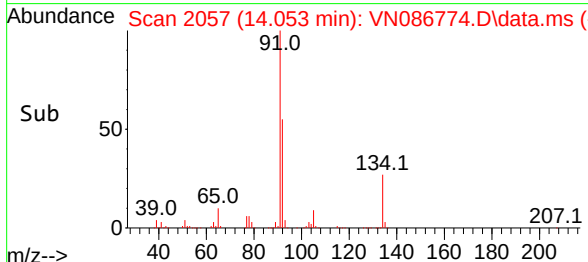
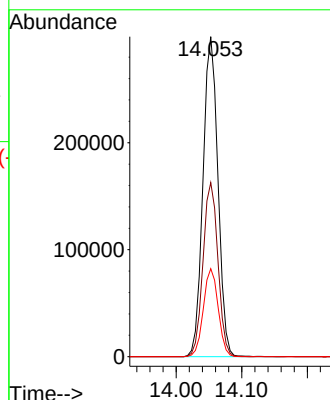
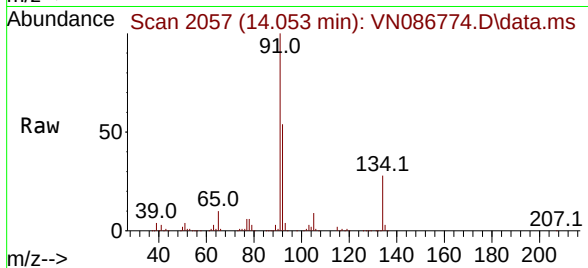
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.0
134	27.2	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2025

Supervised By :Mahesh Dadoda 05/27/2025



#90

Hexachloroethane

Concen: 49.484 ug/l

RT: 14.329 min Scan# 2104

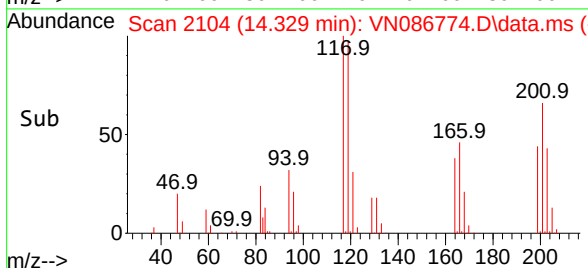
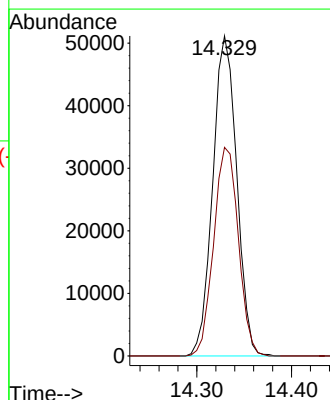
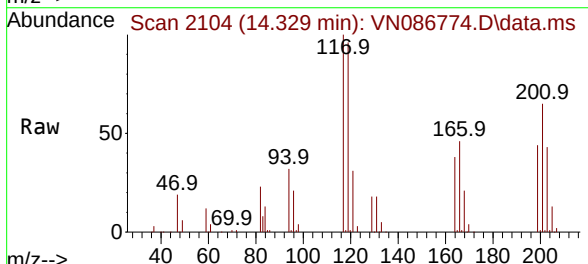
Delta R.T. -0.000 min

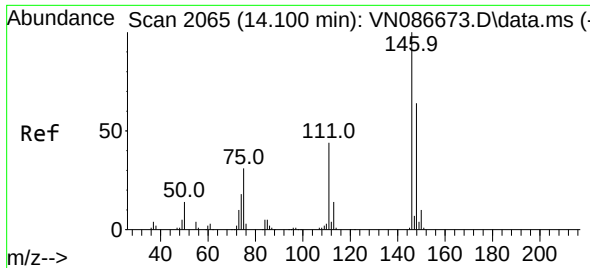
Lab File: VN086774.D

Acq: 23 May 2025 15:45

Tgt Ion:117 Resp: 89947

Ion	Ratio	Lower	Upper
117	100		
201	67.2	32.0	96.0





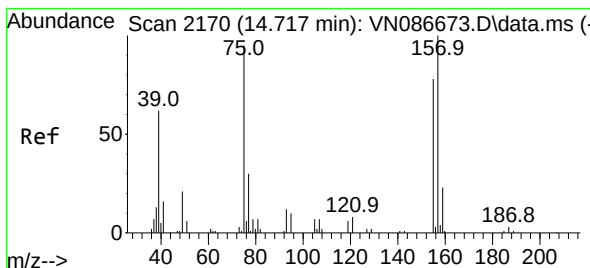
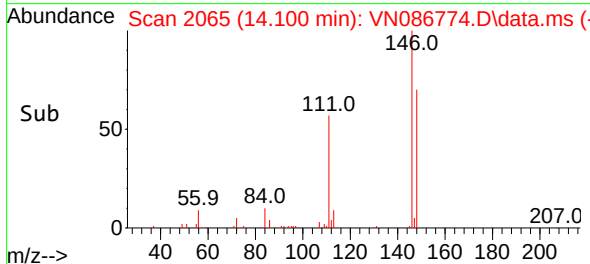
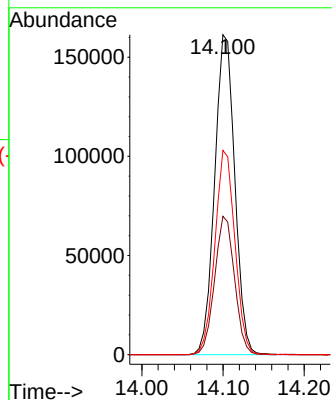
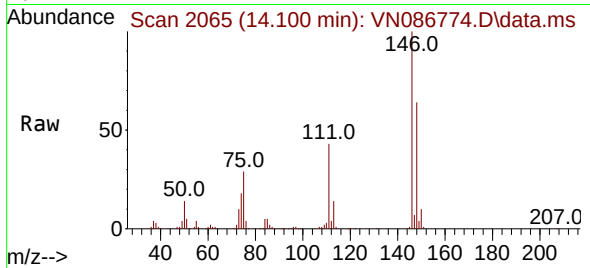
#91
1,2-Dichlorobenzene
Concen: 47.198 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 27897
Ion Ratio Lower Upper
146 100
111 42.6 21.6 65.0
148 63.5 31.7 95.1

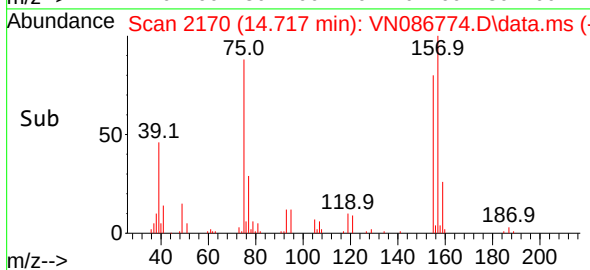
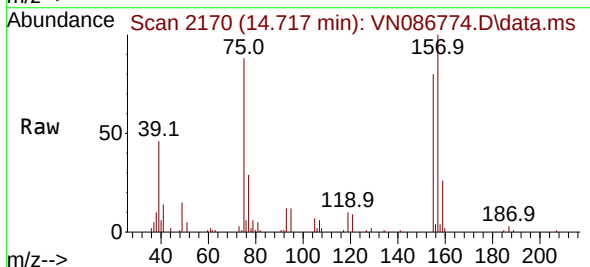
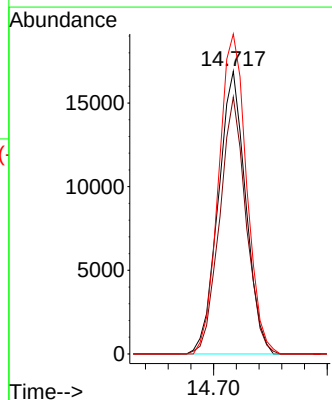
Manual Integrations
APPROVED

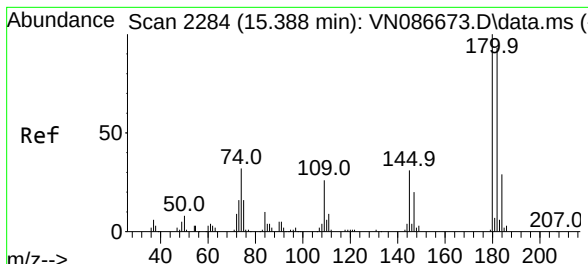
Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.059 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion: 75 Resp: 28359
Ion Ratio Lower Upper
75 100
155 87.1 40.5 121.5
157 115.0 53.6 160.8





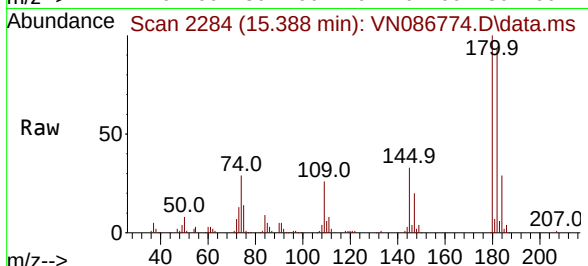
#93
 1,2,4-Trichlorobenzene
 Concen: 54.483 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



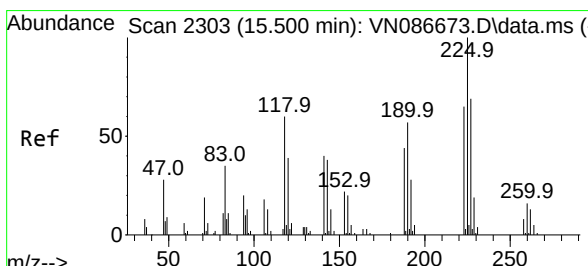
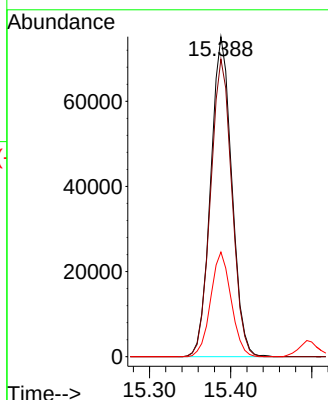
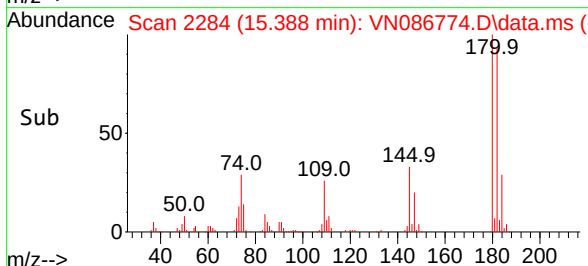
Tgt Ion:180 Resp: 135929
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.1 141.3
 145 31.7 15.6 46.8

Manual Integrations

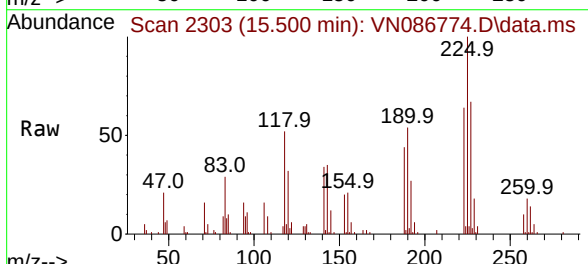
APPROVED

Reviewed By :John Carlone 05/27/2025

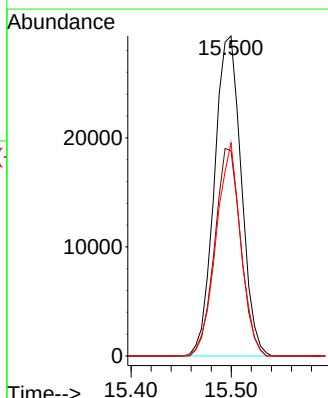
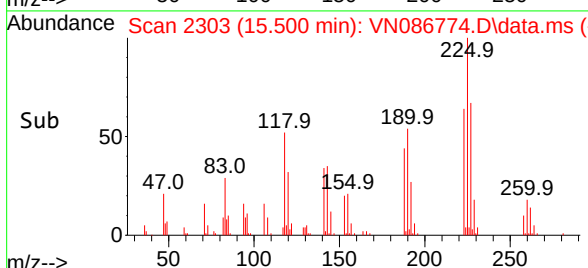
Supervised By :Mahesh Dadoda 05/27/2025

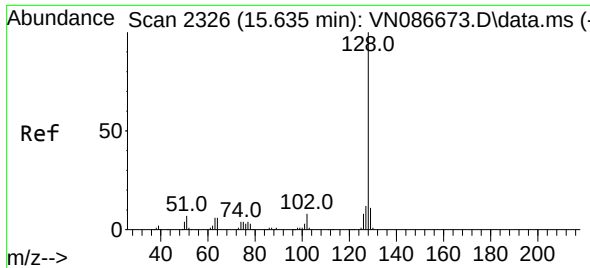


#94
 Hexachlorobutadiene
 Concen: 52.690 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086774.D
 Acq: 23 May 2025 15:45



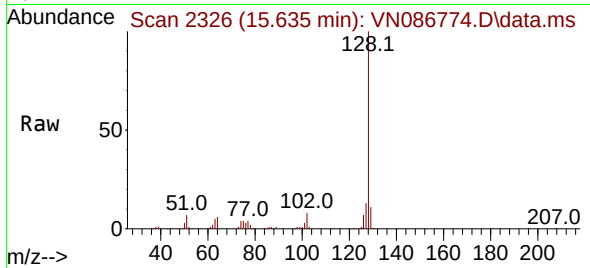
Tgt Ion:225 Resp: 54540
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.9 98.6
 227 61.0 32.4 97.2





#95
Naphthalene
Concen: 47.322 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

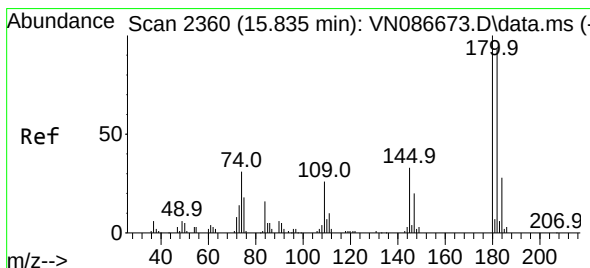
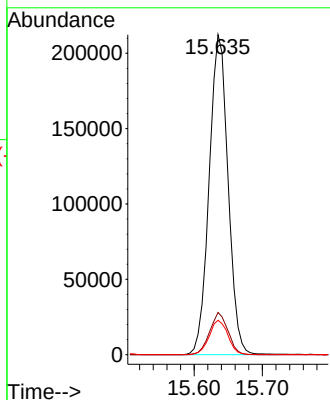
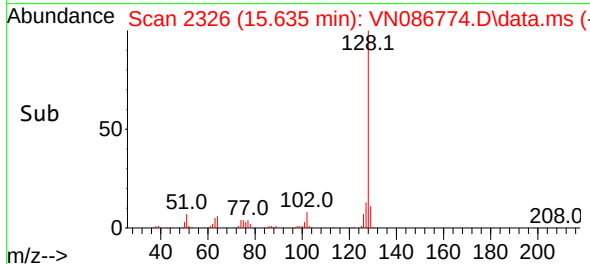
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 40994
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2025
Supervised By :Mahesh Dadoda 05/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.328 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086774.D
Acq: 23 May 2025 15:45

Tgt Ion:180 Resp: 125407
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 33.1 16.7 50.1

