

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019226.D
 Acq On : 31 Oct 2025 13:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 05:20:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.612	168	118385	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	217274	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	181085	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	88433	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	108819	57.146	ug/l	0.07
Spiked Amount 50.000			Recovery	=	114.300%	
35) Dibromofluoromethane	7.530	113	73389	53.405	ug/l	0.07
Spiked Amount 50.000			Recovery	=	106.820%	
50) Toluene-d8	10.280	98	264717	47.436	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.880%	
62) 4-Bromofluorobenzene	12.912	95	85506	48.740	ug/l	0.05
Spiked Amount 50.000			Recovery	=	97.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.890	85	23130	33.176	ug/l	100
3) Chloromethane	2.131	50	50047m	46.578	ug/l	
4) Vinyl Chloride	2.219	62	51860	37.732	ug/l	96
5) Bromomethane	2.554	94	43815	59.182	ug/l	97
6) Chloroethane	2.695	64	58128	46.612	ug/l	96
7) Trichlorofluoromethane	3.006	101	105404	41.421	ug/l	100
8) Diethyl Ether	3.382	74	70667	57.901	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	52883	42.834	ug/l	93
10) Methyl Iodide	3.899	142	55042	55.066	ug/l	98
11) Tert butyl alcohol	4.716	59	138072	341.124	ug/l	100
12) 1,1-Dichloroethene	3.688	96	54799	48.039	ug/l	96
13) Acrolein	3.570	56	18406	266.569	ug/l	94
14) Allyl chloride	4.252	41	118362	52.611	ug/l	92
15) Acrylonitrile	4.886	53	309846	313.891	ug/l	100
16) Acetone	3.770	43	315607	279.464	ug/l	100
17) Carbon Disulfide	3.993	76	67020	43.225	ug/l	100
18) Methyl Acetate	4.258	43	231640	69.129	ug/l	95
19) Methyl tert-butyl Ether	4.951	73	310074	60.178	ug/l	98
20) Methylene Chloride	4.469	84	71549	56.201	ug/l	94
21) trans-1,2-Dichloroethene	4.945	96	48280	49.698	ug/l	90
22) Diisopropyl ether	5.850	45	311500	58.323	ug/l	95
23) Vinyl Acetate	5.791	43	1113390	291.789	ug/l	99
24) 1,1-Dichloroethane	5.738	63	135055	54.053	ug/l	100
25) 2-Butanone	6.743	43	420980	289.039	ug/l	94
26) 2,2-Dichloropropane	6.731	77	92792	43.040	ug/l	98
27) cis-1,2-Dichloroethene	6.731	96	76555	56.155	ug/l	99
28) Bromochloromethane	7.119	49	79881	59.822	ug/l #	100
29) Tetrahydrofuran	7.137	42	268878	317.288	ug/l	90
30) Chloroform	7.301	83	130522	55.797	ug/l	100
31) Cyclohexane	7.601	56	69820	37.579	ug/l	93
32) 1,1,1-Trichloroethane	7.513	97	90284	48.486	ug/l	98
36) 1,1-Dichloropropene	7.742	75	65188	42.174	ug/l	99
37) Ethyl Acetate	6.843	43	149231	56.713	ug/l #	95
38) Carbon Tetrachloride	7.724	117	60839	43.288	ug/l	95
39) Methylcyclohexane	9.152	83	63566	37.219	ug/l	96
40) Benzene	8.012	78	257804	49.271	ug/l	99

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 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 01 05:20:54 2025
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 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	75074	56.711	ug/l	95
42) 1,2-Dichloroethane	8.106	62	99837	54.298	ug/l	99
43) Isopropyl Acetate	8.147	43	236463	56.514	ug/l #	90
44) Trichloroethene	8.882	130	46252	45.221	ug/l	97
45) 1,2-Dichloropropane	9.193	63	69097	51.901	ug/l	99
46) Dibromomethane	9.293	93	44279	55.262	ug/l	95
47) Bromodichloromethane	9.510	83	97119	53.763	ug/l	99
48) Methyl methacrylate	9.281	41	108500	57.732	ug/l	92
49) 1,4-Dioxane	9.287	88	41615	1178.928	ug/l	96
51) 4-Methyl-2-Pentanone	10.162	43	747068	296.462	ug/l	97
52) Toluene	10.356	92	146179	48.892	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	106067	54.249	ug/l	95
54) cis-1,3-Dichloropropene	9.998	75	107593	53.142	ug/l	93
55) 1,1,2-Trichloroethane	10.821	97	67579	57.308	ug/l	100
56) Ethyl methacrylate	10.662	69	131919	58.213	ug/l	92
57) 1,3-Dichloropropane	10.979	76	117847	56.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.839	63	172666	283.118	ug/l	98
59) 2-Hexanone	11.032	43	532222	278.796	ug/l	94
60) Dibromochloromethane	11.202	129	67349	56.648	ug/l	98
61) 1,2-Dibromoethane	11.320	107	61728	56.216	ug/l	99
64) Tetrachloroethene	10.891	164	37508	45.569	ug/l	98
65) Chlorobenzene	11.808	112	156077	48.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.896	131	56131	50.443	ug/l	98
67) Ethyl Benzene	11.896	91	267927	44.090	ug/l	98
68) m/p-Xylenes	12.019	106	201552	89.794	ug/l	98
69) o-Xylene	12.395	106	104351	46.770	ug/l	99
70) Styrene	12.413	104	190482	47.411	ug/l	98
71) Bromoform	12.601	173	48500	56.999	ug/l #	97
73) Isopropylbenzene	12.736	105	261869	43.015	ug/l	97
74) N-amyl acetate	12.524	43	166614	54.256	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.024	83	113018	54.179	ug/l	97
76) 1,2,3-Trichloropropane	13.083	75	80346m	44.151	ug/l	
77) Bromobenzene	13.053	156	62909	48.702	ug/l	84
78) n-propylbenzene	13.124	91	299880	41.461	ug/l	98
79) 2-Chlorotoluene	13.224	91	187211	45.180	ug/l	97
80) 1,3,5-Trimethylbenzene	13.282	105	213624	43.687	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.795	75	42155m	54.352	ug/l	
82) 4-Chlorotoluene	13.335	91	192051	45.546	ug/l	99
83) tert-Butylbenzene	13.582	119	189552	41.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.635	105	218403	43.978	ug/l	99
85) sec-Butylbenzene	13.788	105	275500	41.500	ug/l	96
86) p-Isopropyltoluene	13.917	119	229463	41.399	ug/l	98
87) 1,3-Dichlorobenzene	13.917	146	121975	46.025	ug/l	98
88) 1,4-Dichlorobenzene	14.011	146	123072m	46.101	ug/l	
89) n-Butylbenzene	14.287	91	210678	41.150	ug/l	97
90) Hexachloroethane	14.599	117	37527	43.885	ug/l	94
91) 1,2-Dichlorobenzene	14.346	146	124833	48.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.045	75	25411	56.485	ug/l	94
93) 1,2,4-Trichlorobenzene	15.838	180	78737	47.153	ug/l	99
94) Hexachlorobutadiene	15.962	225	27373	39.745	ug/l	98
95) Naphthalene	16.132	128	304965	52.159	ug/l	99
96) 1,2,3-Trichlorobenzene	16.367	180	79583	48.307	ug/l	99

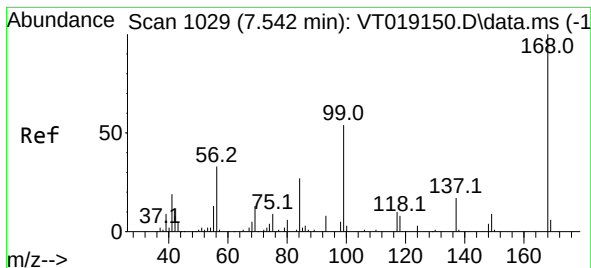
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Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 2025
Response via : Initial Calibration

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: 7.612 min Scan# 10

Delta R.T. 0.064 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

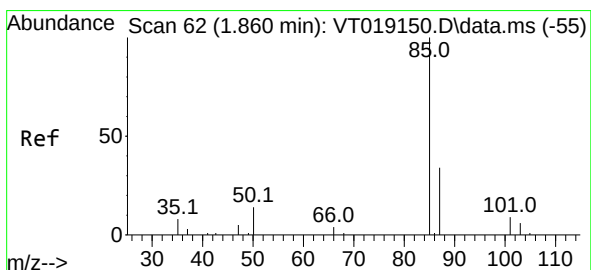
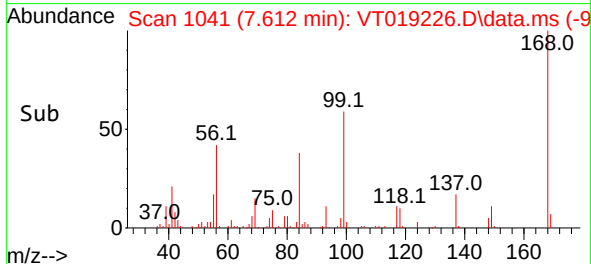
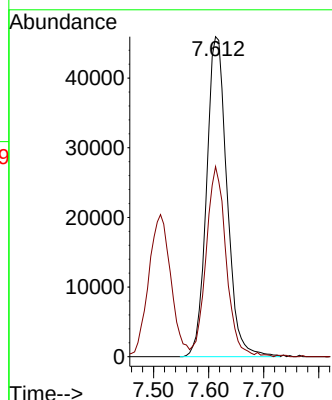
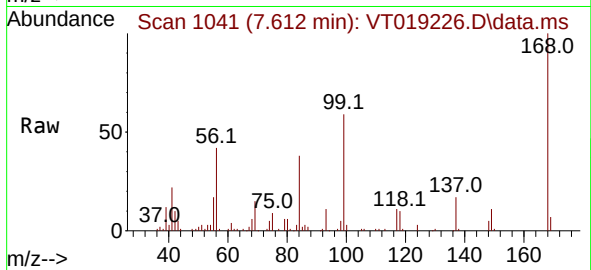
VSTDCCC050EC

Tgt Ion:168 Resp: 118385

Ion Ratio Lower Upper

168 100

99 59.0 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 33.176 ug/l

RT: 1.890 min Scan# 67

Delta R.T. 0.018 min

Lab File: VT019226.D

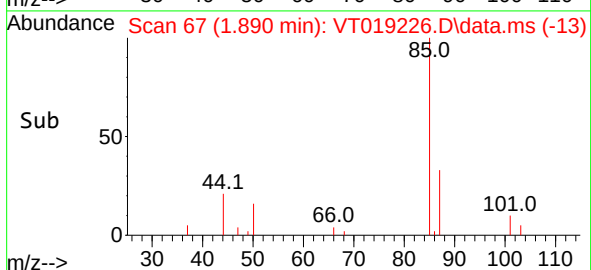
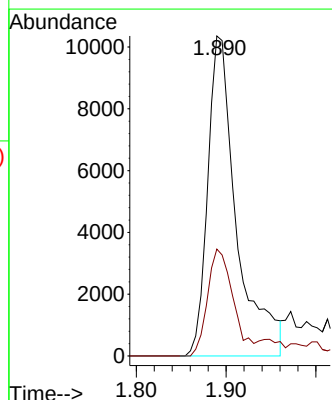
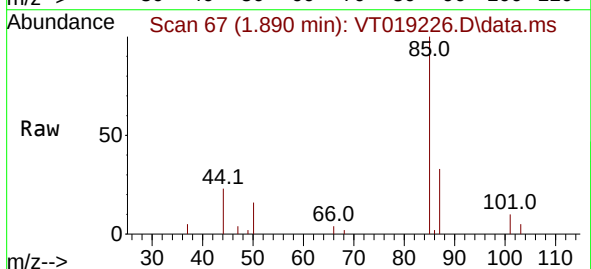
Acq: 31 Oct 2025 13:40

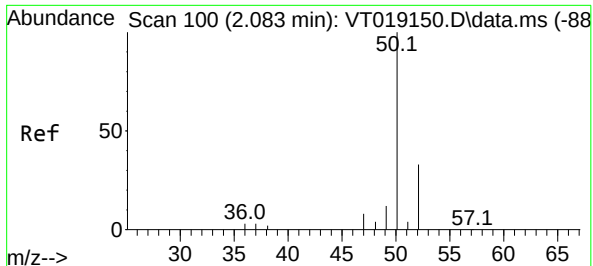
Tgt Ion: 85 Resp: 23130

Ion Ratio Lower Upper

85 100

87 33.4 16.8 50.4

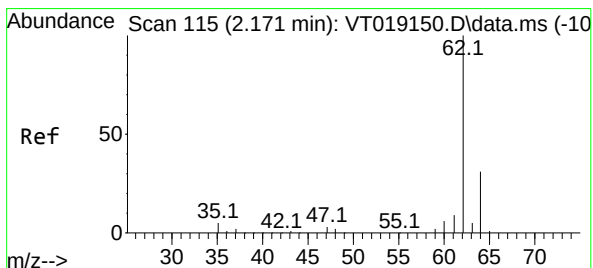
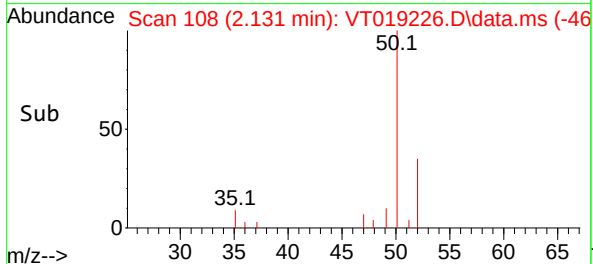
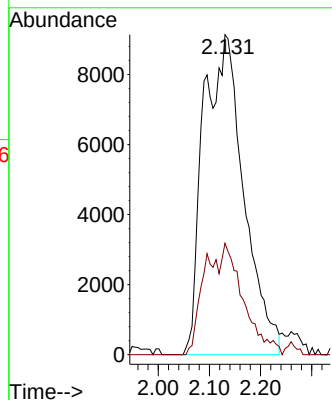
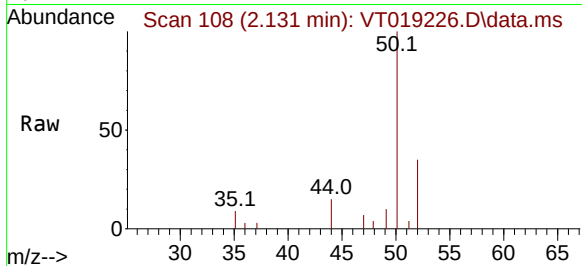




#3
Chloromethane
Concen: 46.578 ug/l m
RT: 2.131 min Scan# 10
Delta R.T. 0.065 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

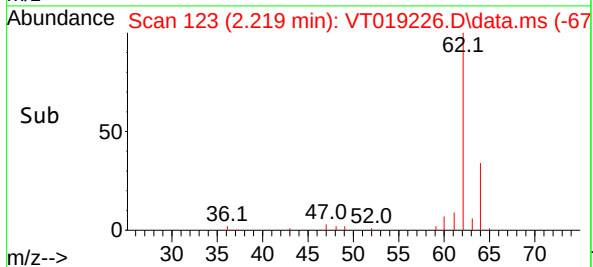
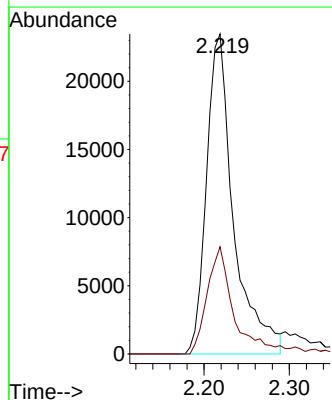
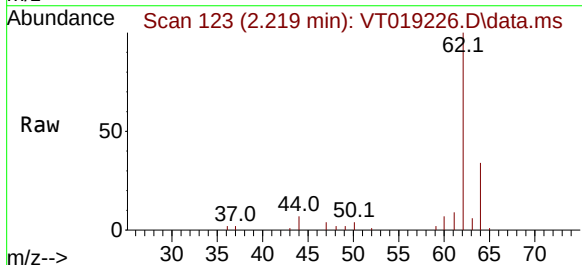
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

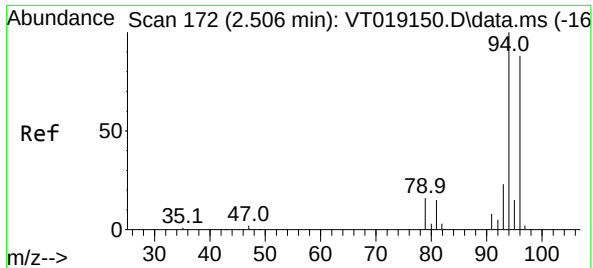
Tgt Ion: 50 Resp: 50047
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 37.732 ug/l
RT: 2.219 min Scan# 123
Delta R.T. 0.030 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 62 Resp: 51860
Ion Ratio Lower Upper
62 100
64 33.5 25.2 37.8

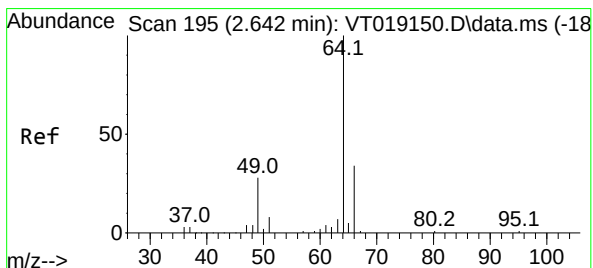
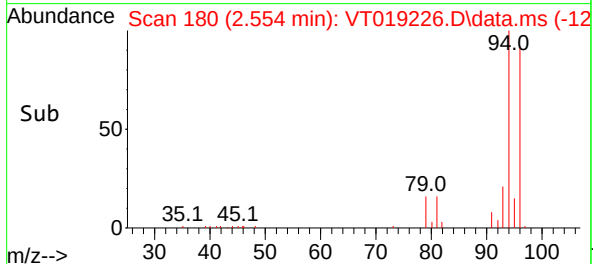
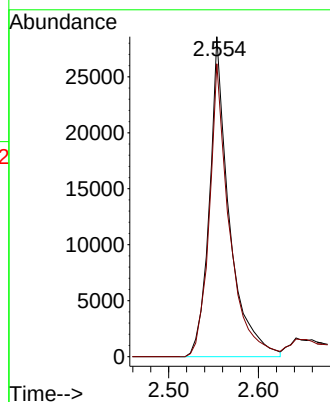
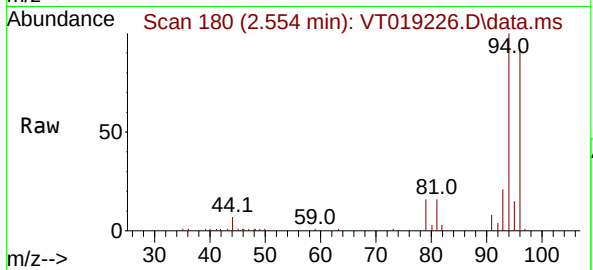




#5
Bromomethane
Concen: 59.182 ug/l
RT: 2.554 min Scan# 11
Delta R.T. 0.036 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

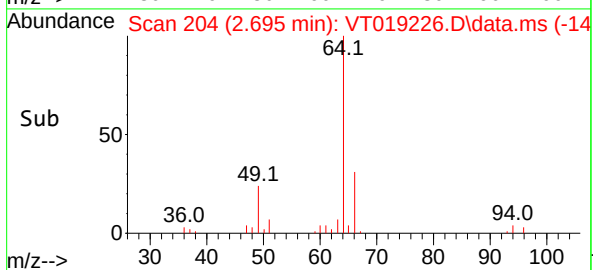
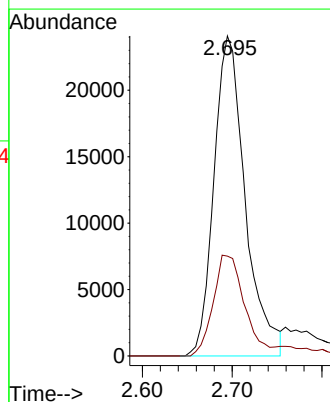
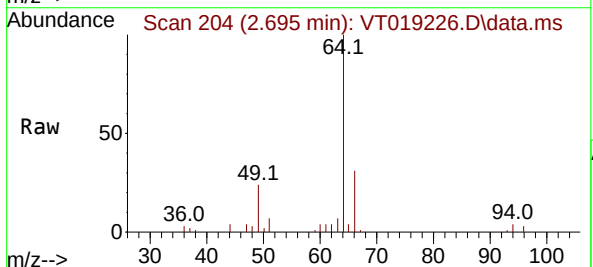
Instrument :
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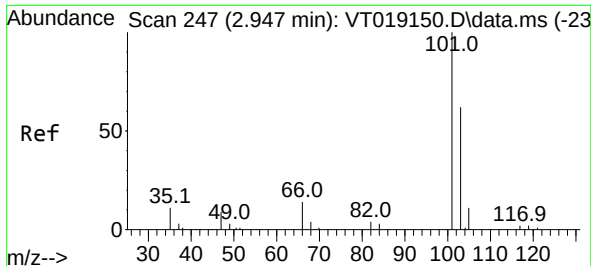
Tgt Ion: 94 Resp: 43815
Ion Ratio Lower Upper
94 100
96 91.6 70.8 106.2



#6
Chloroethane
Concen: 46.612 ug/l
RT: 2.695 min Scan# 204
Delta R.T. 0.036 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 64 Resp: 58128
Ion Ratio Lower Upper
64 100
66 31.2 26.9 40.3

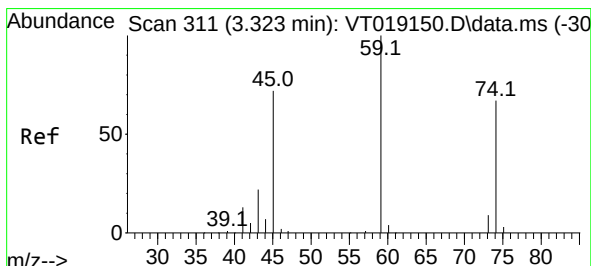
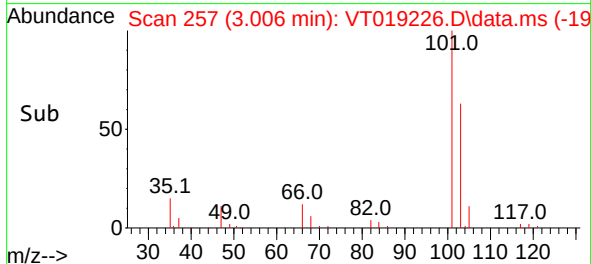
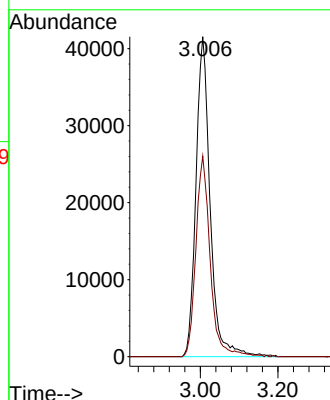
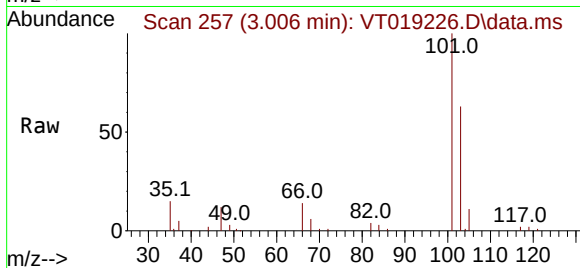




#7
Trichlorofluoromethane
Concen: 41.421 ug/l
RT: 3.006 min Scan# 21
Delta R.T. 0.041 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

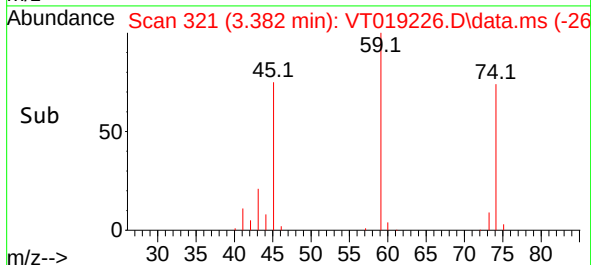
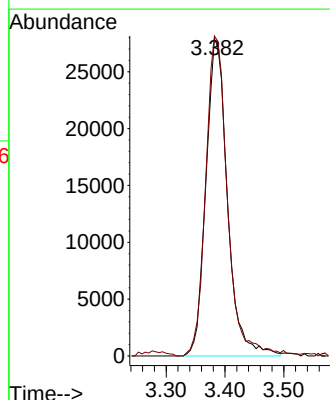
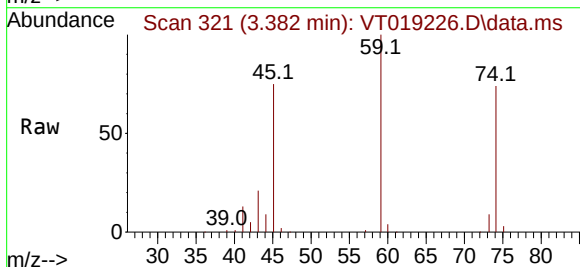
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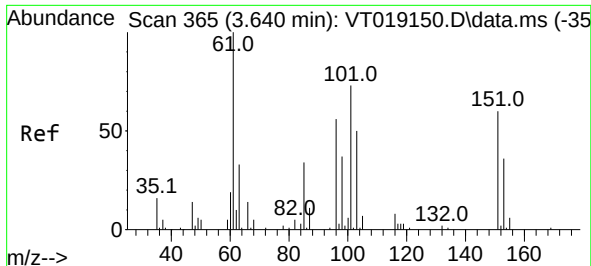
Tgt Ion:101 Resp: 105404
Ion Ratio Lower Upper
101 100
103 62.7 49.9 74.9



#8
Diethyl Ether
Concen: 57.901 ug/l
RT: 3.382 min Scan# 321
Delta R.T. 0.047 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 74 Resp: 70667
Ion Ratio Lower Upper
74 100
45 102.8 52.3 156.8

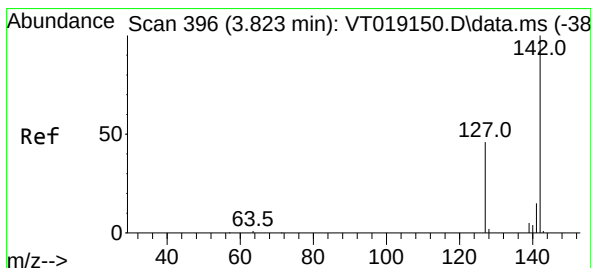
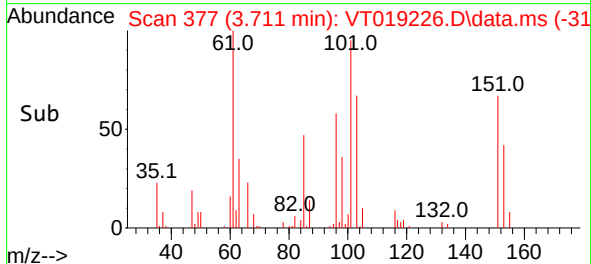
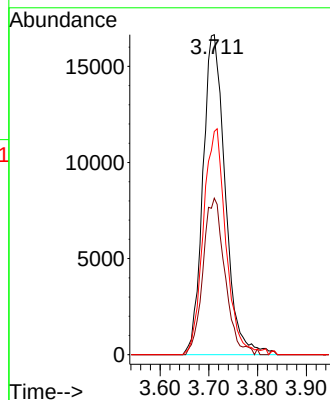
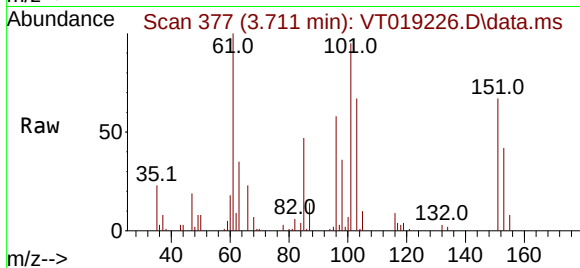




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.834 ug/l
RT: 3.711 min Scan# 31
Delta R.T. 0.059 min
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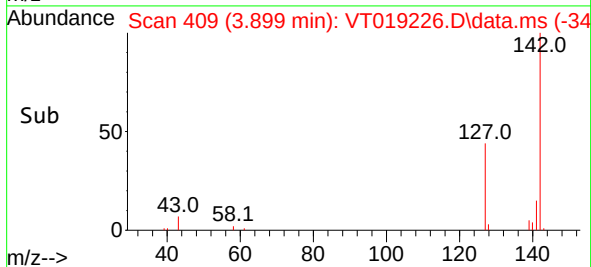
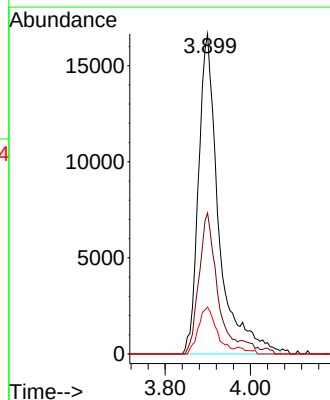
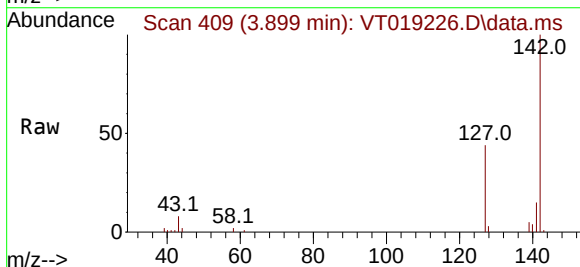
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VSTDCCC050EC

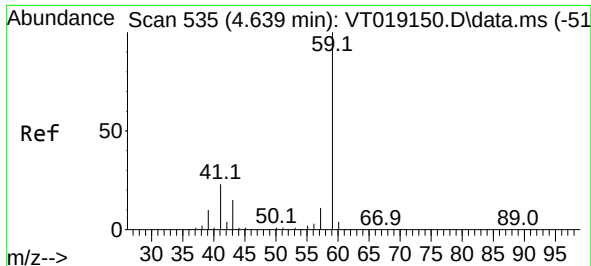
Tgt Ion:101 Resp: 52883
Ion Ratio Lower Upper
101 100
85 48.2 37.0 55.6
151 71.6 63.8 95.6



#10
Methyl Iodide
Concen: 55.066 ug/l
RT: 3.899 min Scan# 409
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:142 Resp: 55042
Ion Ratio Lower Upper
142 100
127 42.2 35.0 52.4
141 13.2 11.4 17.2

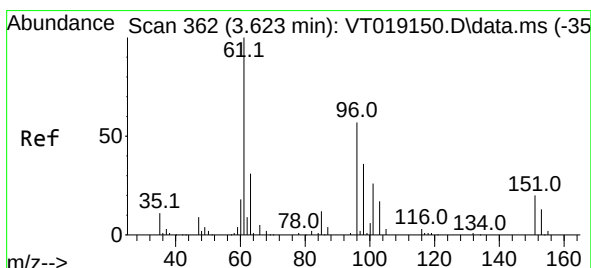
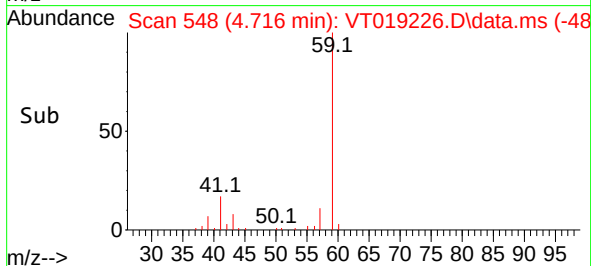
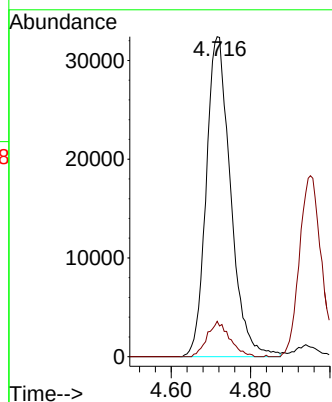
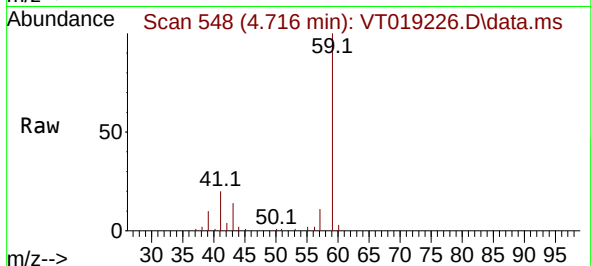




#11
Tert butyl alcohol
Concen: 341.124 ug/l
RT: 4.716 min Scan# 54
Delta R.T. 0.077 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

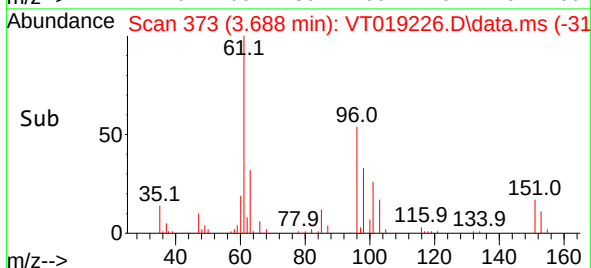
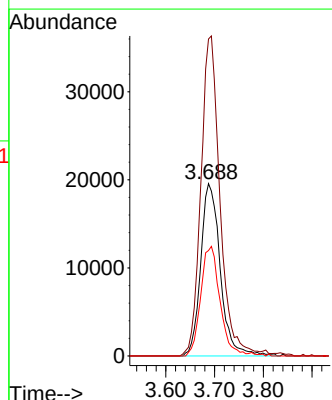
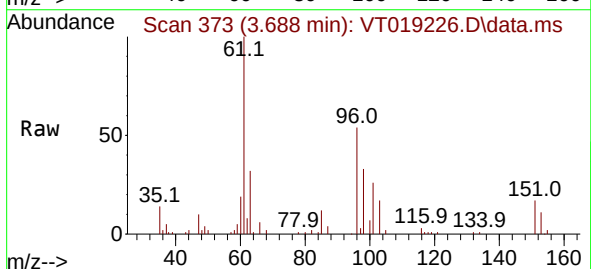
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

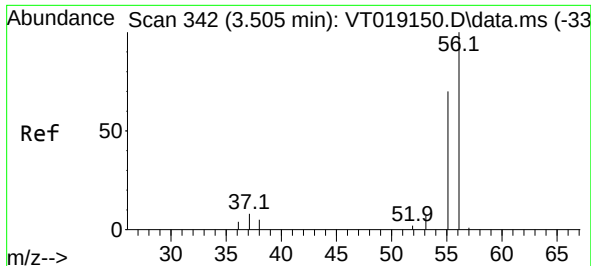
Tgt Ion: 59 Resp: 138072
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.039 ug/l
RT: 3.688 min Scan# 373
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 96 Resp: 54799
Ion Ratio Lower Upper
96 100
61 184.0 141.4 212.2
98 61.2 50.7 76.1





#13

Acrolein

Concen: 266.569 ug/l

RT: 3.570 min Scan# 3

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

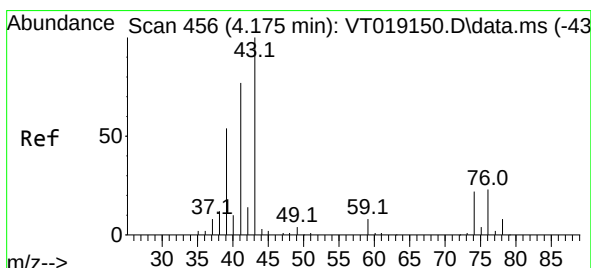
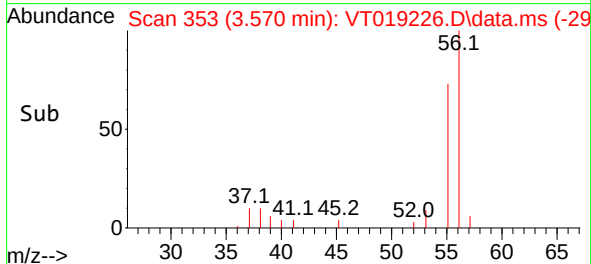
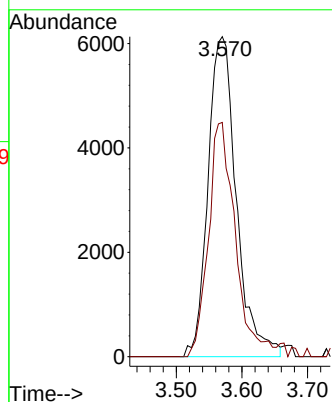
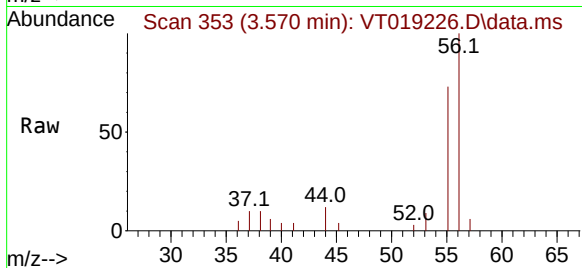
VSTDCCC050EC

Tgt Ion: 56 Resp: 18406

Ion Ratio Lower Upper

56 100

55 69.4 59.4 89.0



#14

Allyl chloride

Concen: 52.611 ug/l

RT: 4.252 min Scan# 469

Delta R.T. 0.065 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

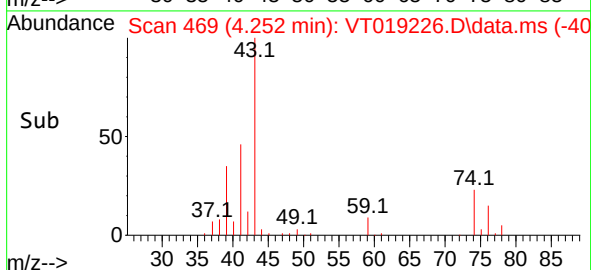
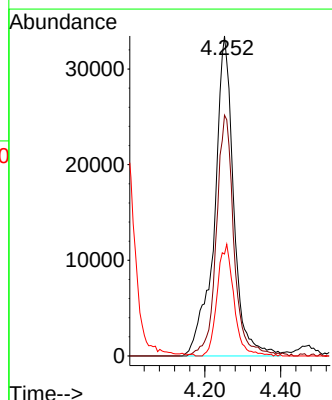
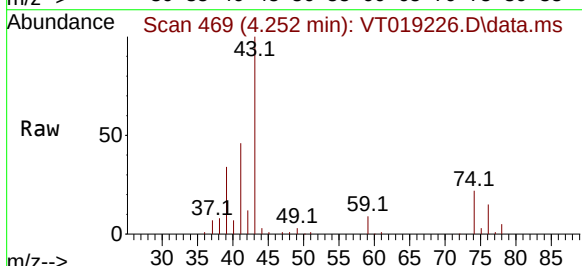
Tgt Ion: 41 Resp: 118362

Ion Ratio Lower Upper

41 100

39 68.4 49.9 74.9

76 30.4 20.8 31.2

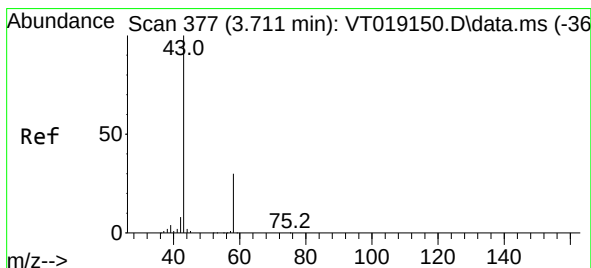
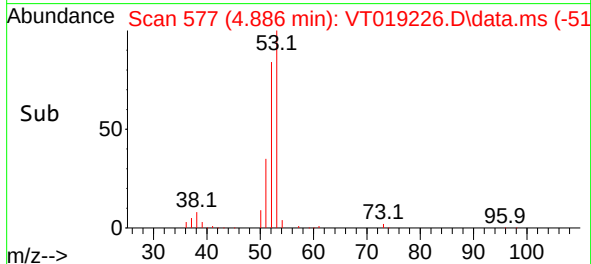
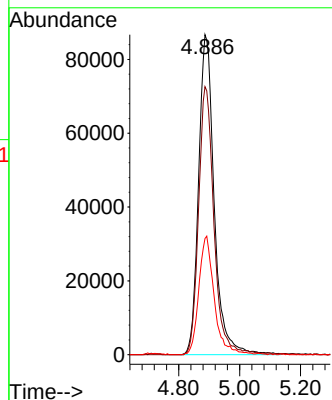
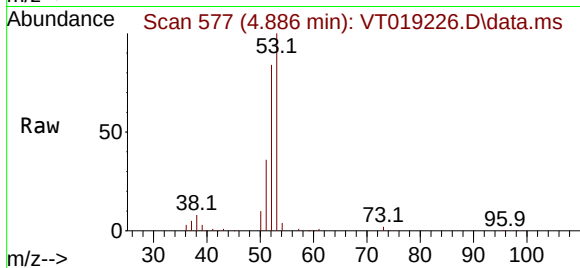




#15
Acrylonitrile
Concen: 313.891 ug/l
RT: 4.886 min Scan# 51
Delta R.T. 0.070 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

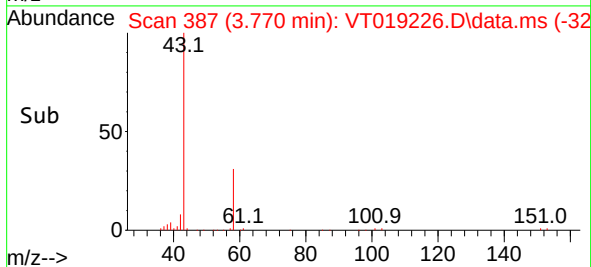
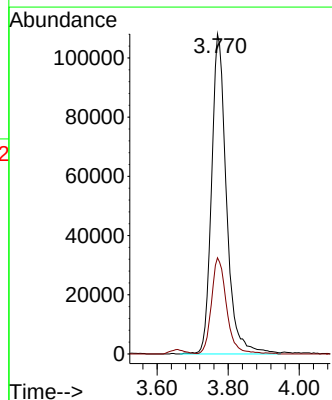
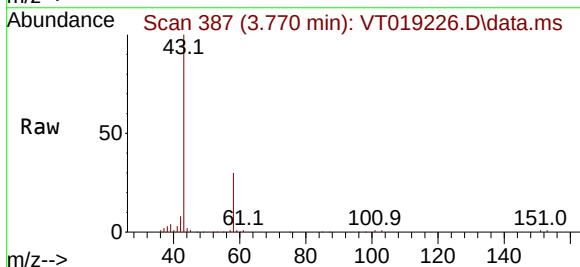
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

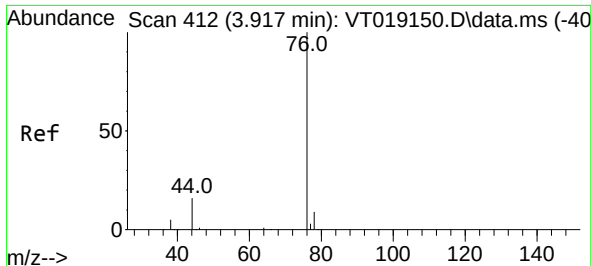
Tgt Ion: 53 Resp: 309846
Ion Ratio Lower Upper
53 100
52 82.2 65.9 98.9
51 36.6 29.4 44.2



#16
Acetone
Concen: 279.464 ug/l
RT: 3.770 min Scan# 387
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 43 Resp: 315607
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8

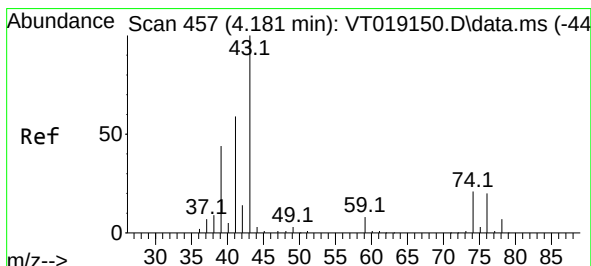
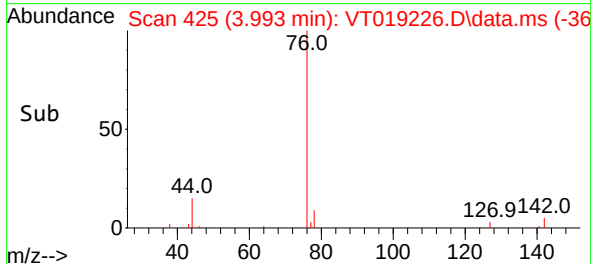
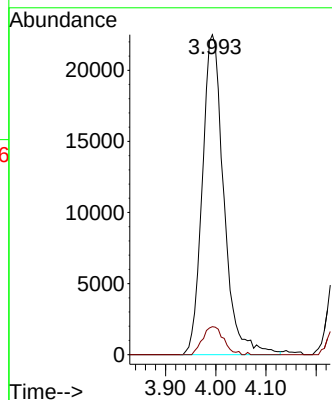
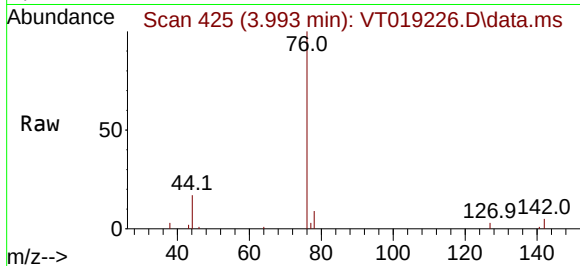




#17
Carbon Disulfide
Concen: 43.225 ug/l
RT: 3.993 min Scan# 41
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

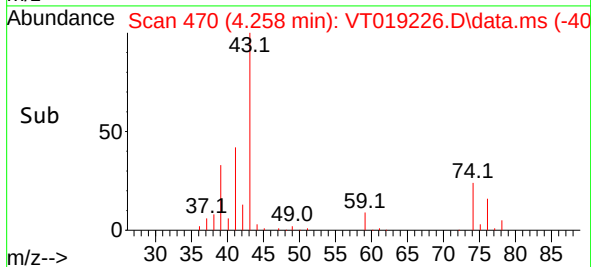
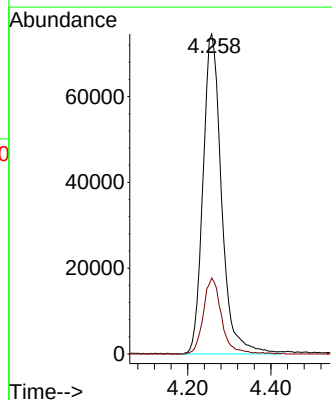
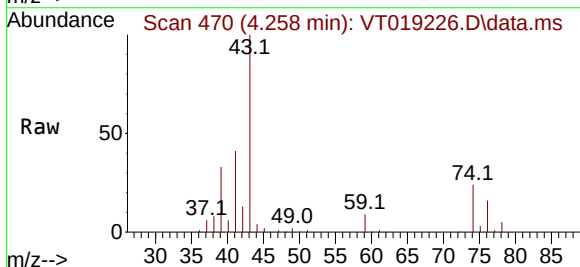
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

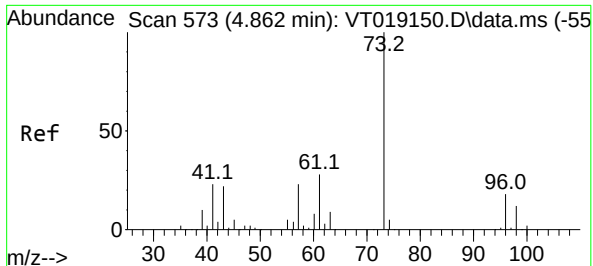
Tgt Ion: 76 Resp: 67020
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 69.129 ug/l
RT: 4.258 min Scan# 470
Delta R.T. 0.065 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 43 Resp: 231640
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1

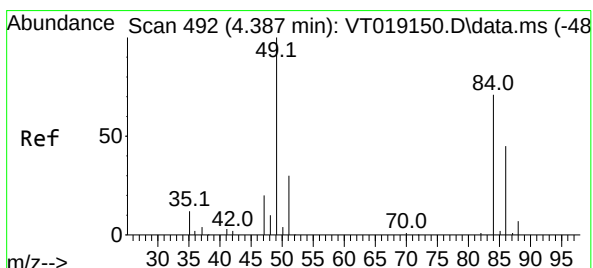
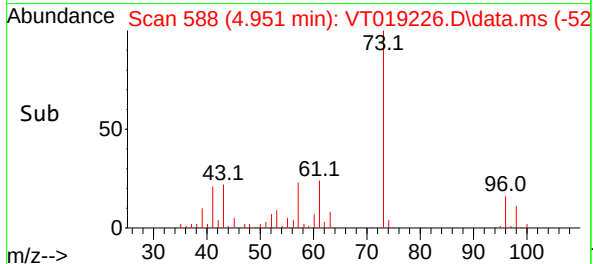
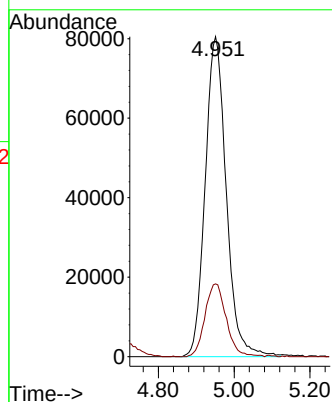
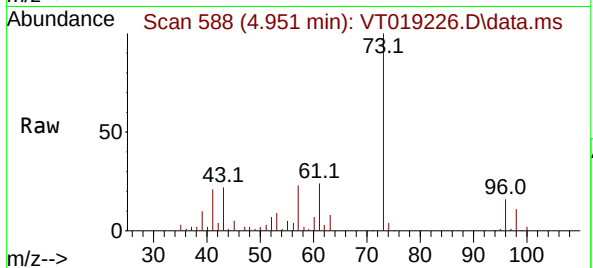




#19
Methyl tert-butyl Ether
Concen: 60.178 ug/l
RT: 4.951 min Scan# 506
Delta R.T. 0.083 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

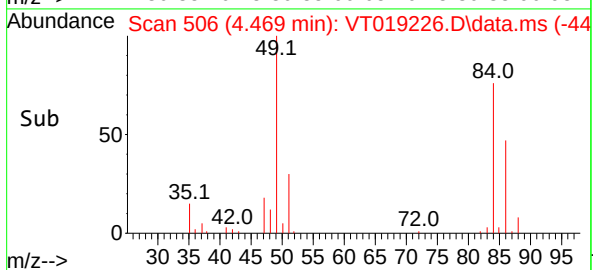
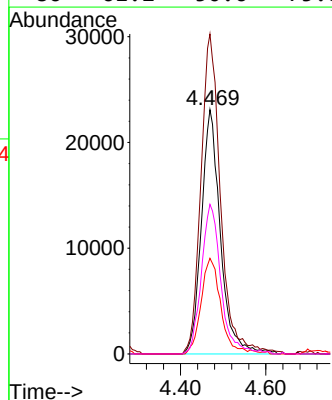
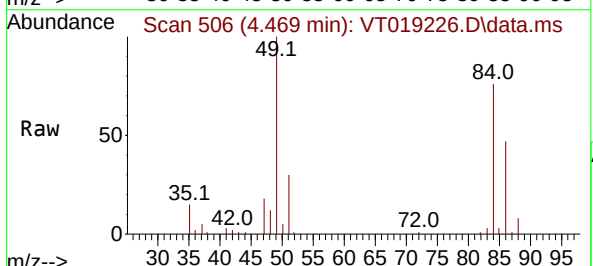
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

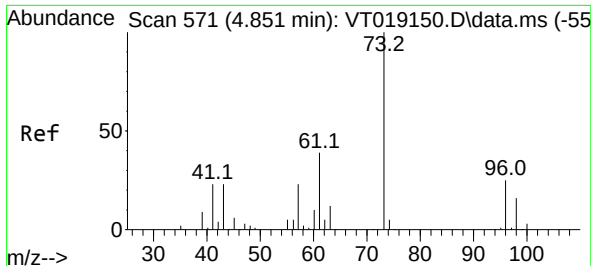
Tgt Ion: 73 Resp: 310074
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



#20
Methylene Chloride
Concen: 56.201 ug/l
RT: 4.469 min Scan# 506
Delta R.T. 0.071 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 84 Resp: 71549
Ion Ratio Lower Upper
84 100
49 131.0 113.1 169.7
51 39.2 33.6 50.4
86 61.2 50.6 75.8

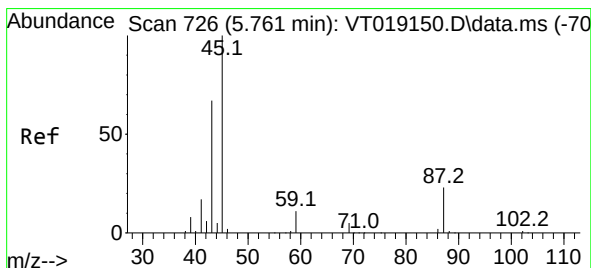
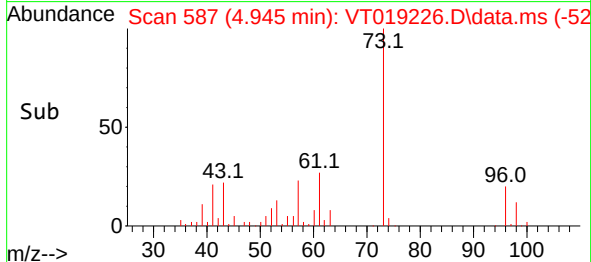
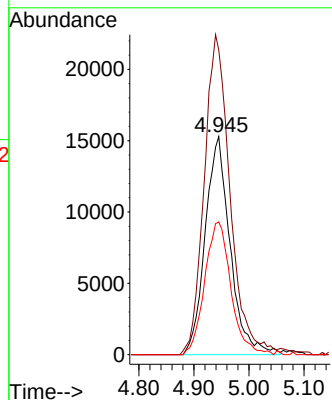
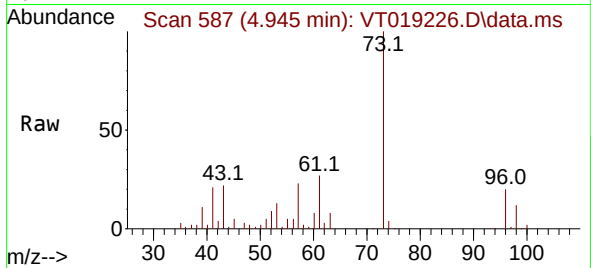




#21
trans-1,2-Dichloroethene
Concen: 49.698 ug/l
RT: 4.945 min Scan# 51
Delta R.T. 0.083 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

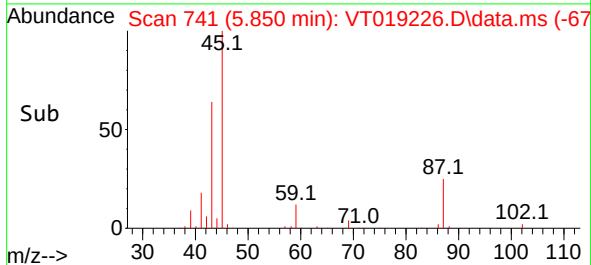
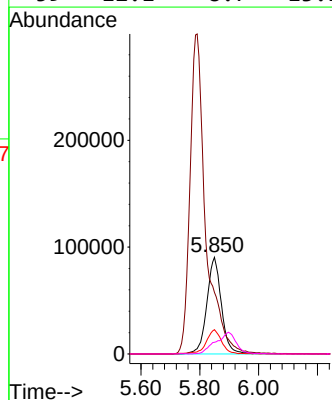
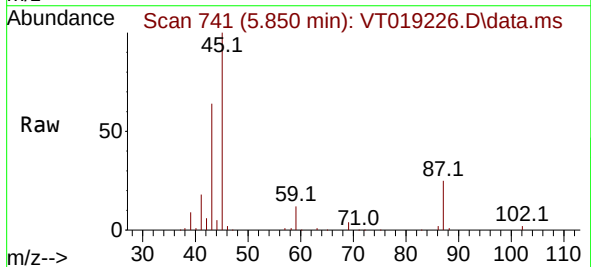
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

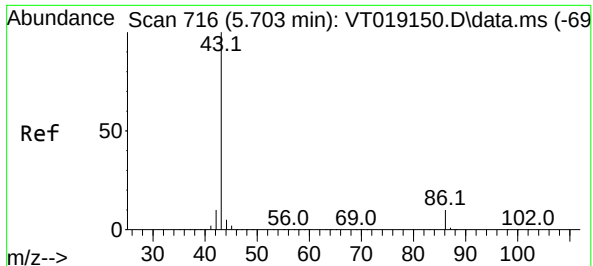
Tgt Ion: 96 Resp: 48280
Ion Ratio Lower Upper
96 100
61 139.8 124.6 187.0
98 60.9 50.9 76.3



#22
Diisopropyl ether
Concen: 58.323 ug/l
RT: 5.850 min Scan# 741
Delta R.T. 0.077 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 45 Resp: 311500
Ion Ratio Lower Upper
45 100
43 63.2 54.2 81.4
87 25.2 18.9 28.3
59 12.1 8.7 13.1

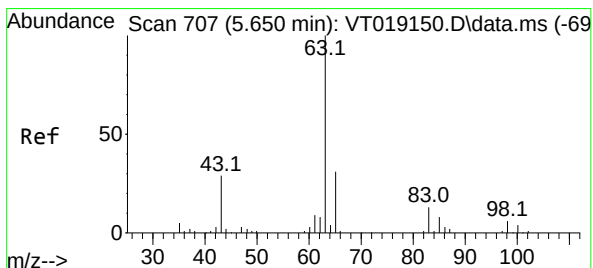
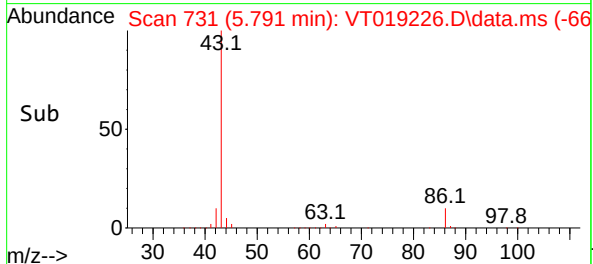
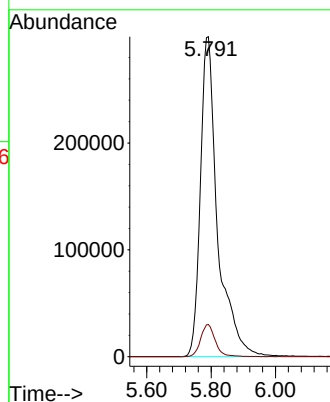
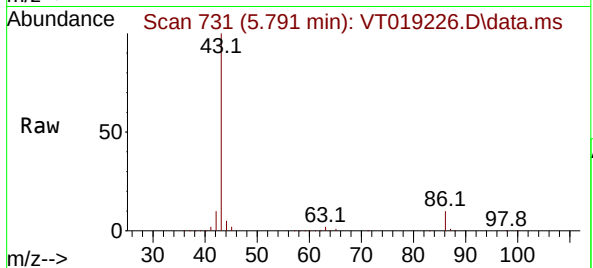




#23
 Vinyl Acetate
 Concen: 291.789 ug/l
 RT: 5.791 min Scan# 716
 Delta R.T. 0.082 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

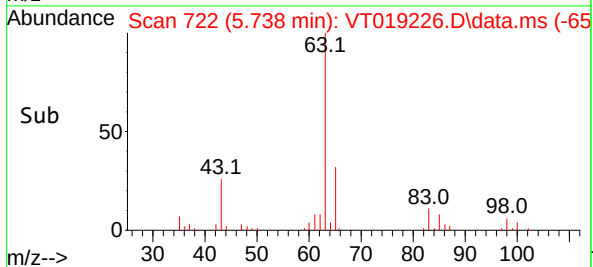
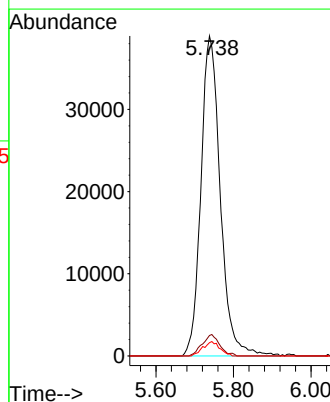
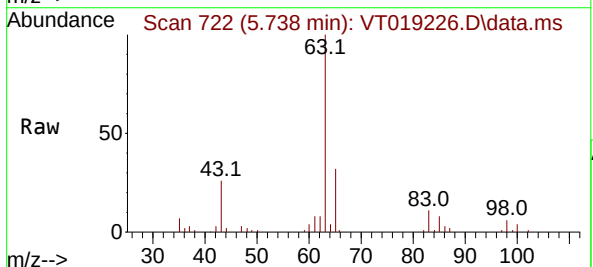
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

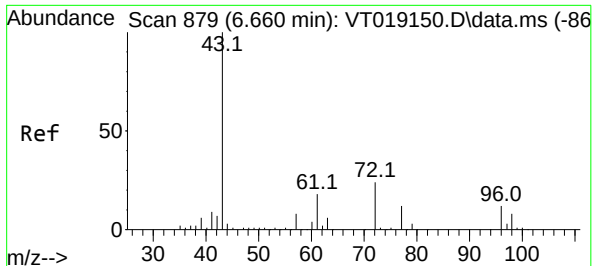
Tgt Ion: 43 Resp: 1113390
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 54.053 ug/l
 RT: 5.738 min Scan# 722
 Delta R.T. 0.076 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

Tgt Ion: 63 Resp: 135055
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 289.039 ug/l

RT: 6.743 min Scan# 893

Delta R.T. 0.077 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

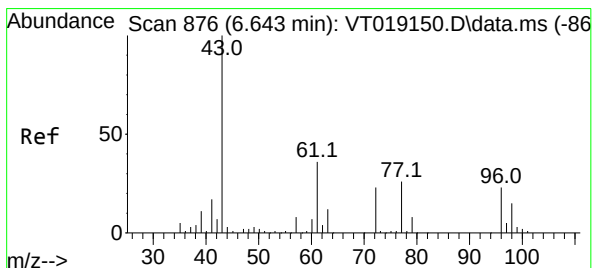
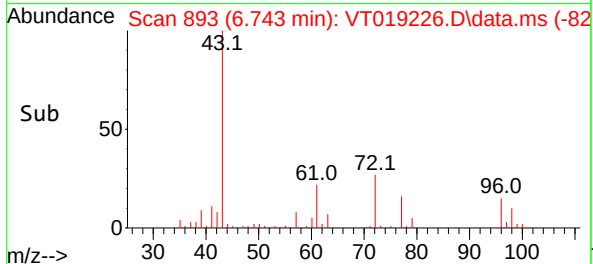
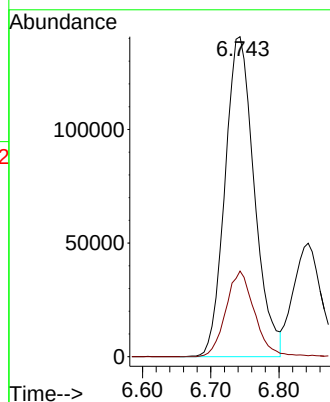
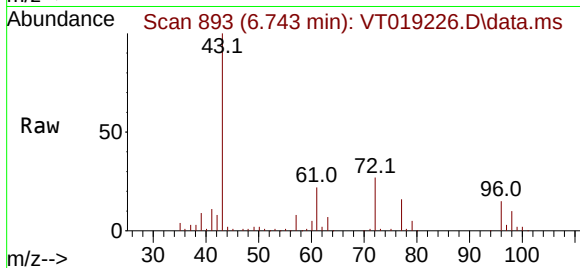
VSTDCCC050EC

Tgt Ion: 43 Resp: 420980

Ion Ratio Lower Upper

43 100

72 26.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 43.040 ug/l

RT: 6.731 min Scan# 891

Delta R.T. 0.076 min

Lab File: VT019226.D

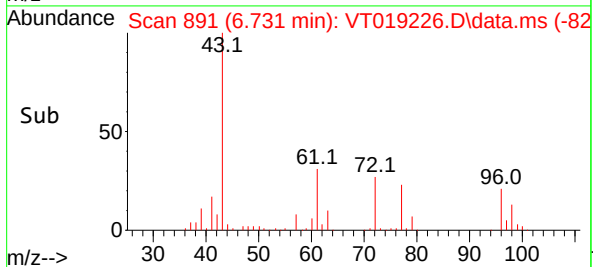
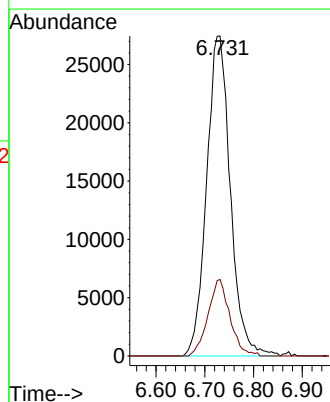
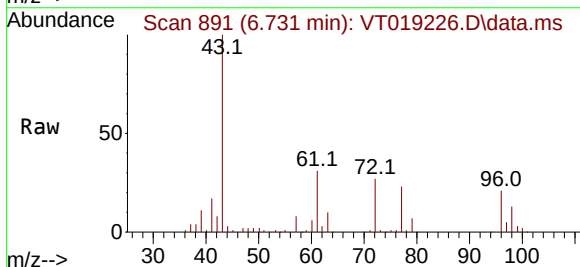
Acq: 31 Oct 2025 13:40

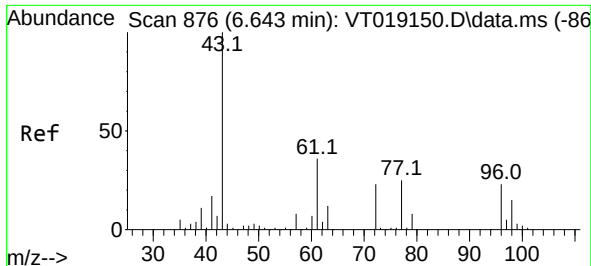
Tgt Ion: 77 Resp: 92792

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1

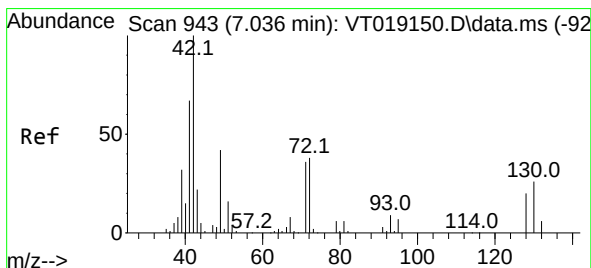
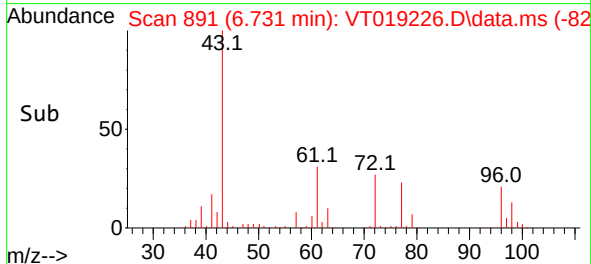
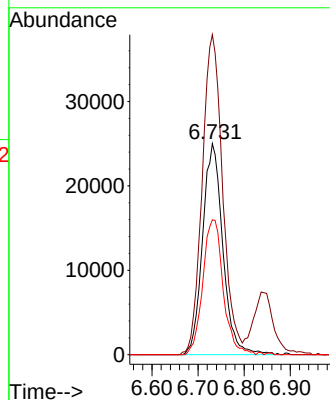
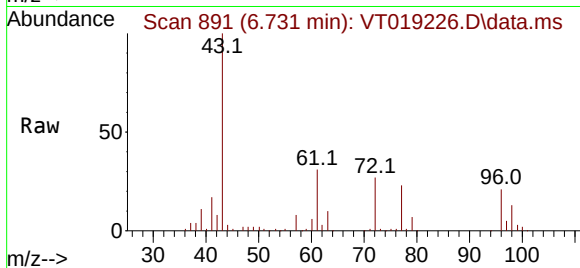




#27
 cis-1,2-Dichloroethene
 Concen: 56.155 ug/l
 RT: 6.731 min Scan# 891
 Delta R.T. 0.076 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

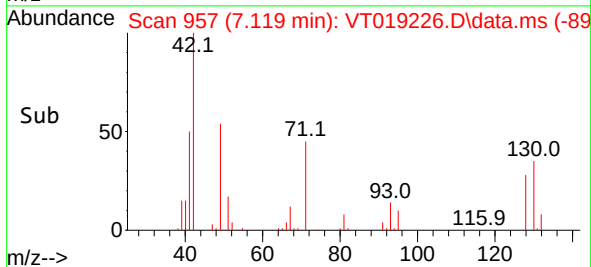
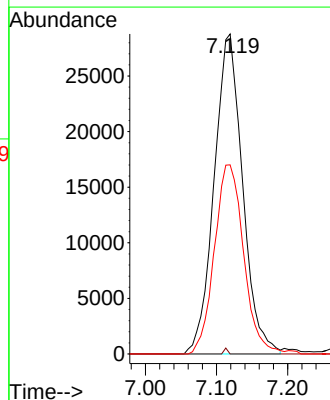
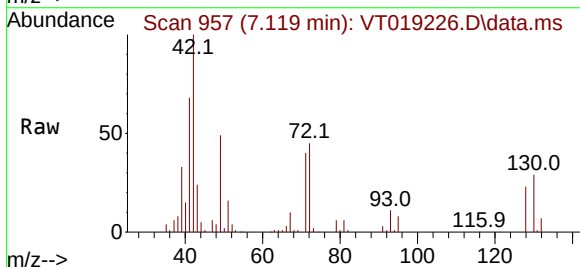
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 76555
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 309.0
 98 64.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 59.822 ug/l
 RT: 7.119 min Scan# 957
 Delta R.T. 0.077 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

Tgt Ion: 49 Resp: 79881
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 0.0#
 130 60.8 48.6 73.0





#29

Tetrahydrofuran

Concen: 317.288 ug/l

RT: 7.137 min Scan# 90

Delta R.T. 0.071 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

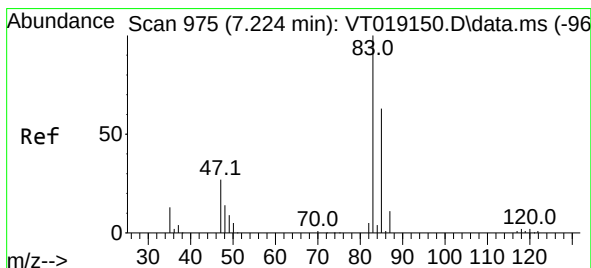
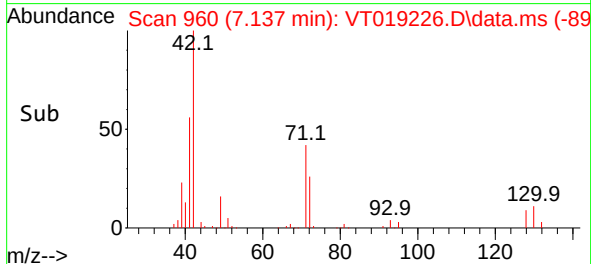
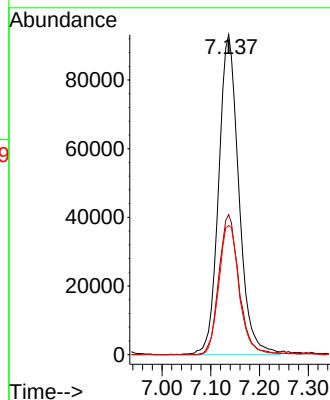
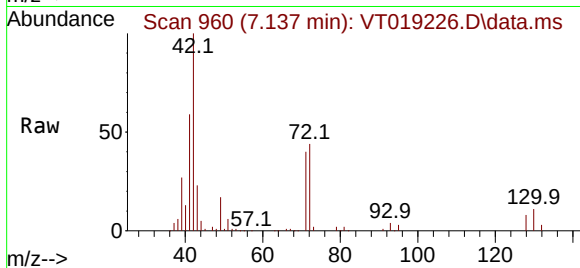
Tgt Ion: 42 Resp: 268878

Ion Ratio Lower Upper

42 100

72 43.6 30.1 45.1

71 41.1 28.4 42.6



#30

Chloroform

Concen: 55.797 ug/l

RT: 7.301 min Scan# 988

Delta R.T. 0.071 min

Lab File: VT019226.D

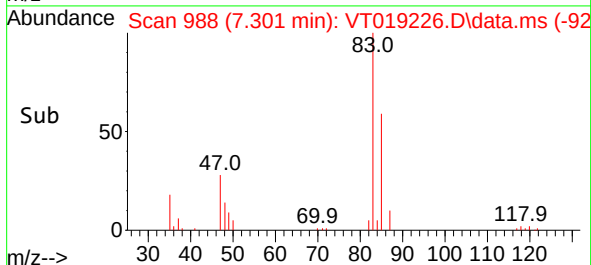
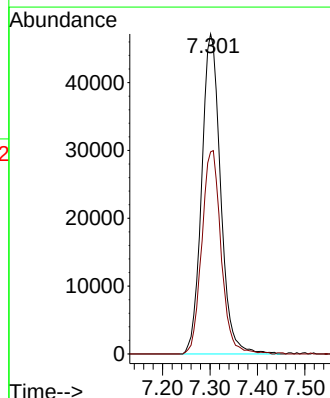
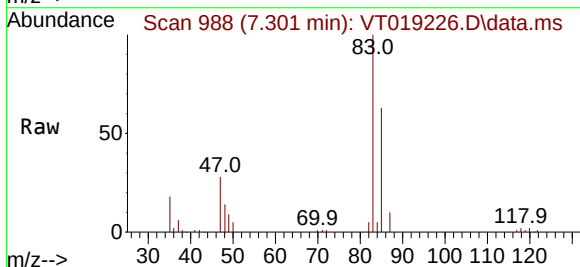
Acq: 31 Oct 2025 13:40

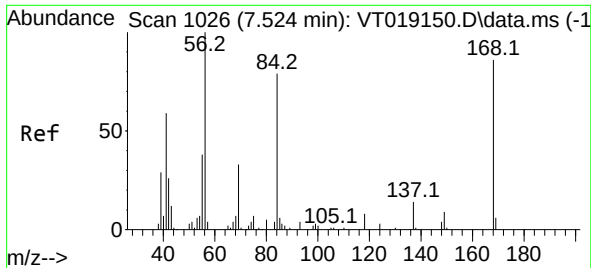
Tgt Ion: 83 Resp: 130522

Ion Ratio Lower Upper

83 100

85 63.1 50.6 76.0

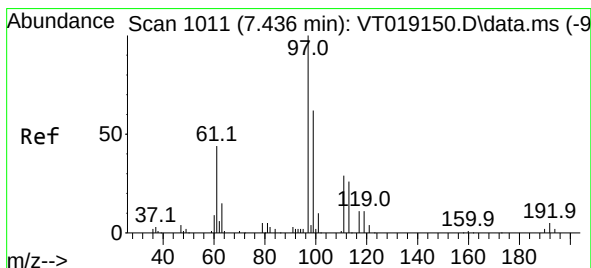
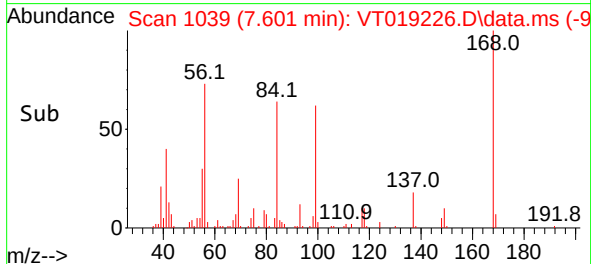
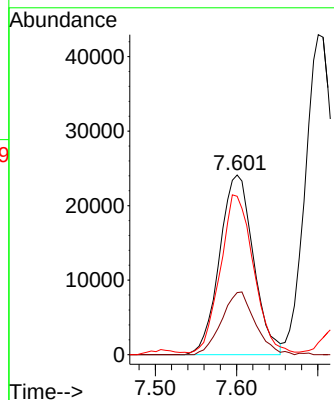
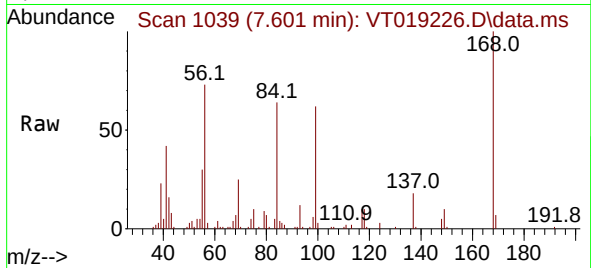




#31
Cyclohexane
Concen: 37.579 ug/l
RT: 7.601 min Scan# 1026
Delta R.T. 0.065 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

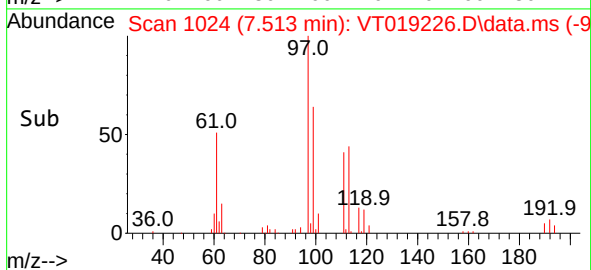
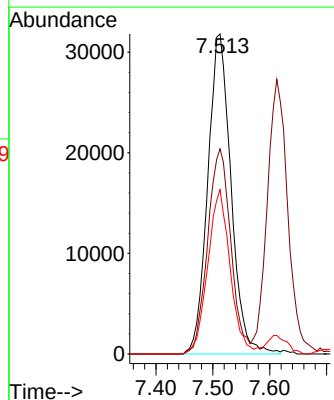
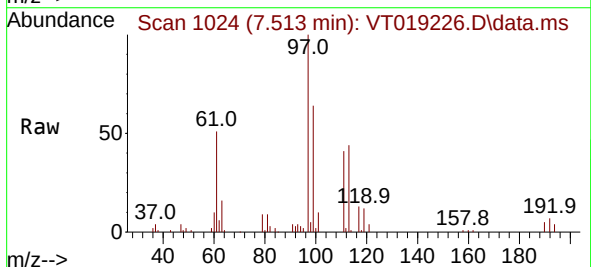
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

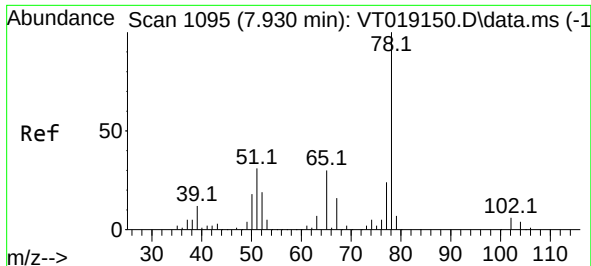
Tgt Ion: 56 Resp: 69820
Ion Ratio Lower Upper
56 100
69 34.6 26.1 39.1
84 86.9 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 48.486 ug/l
RT: 7.513 min Scan# 1024
Delta R.T. 0.071 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 97 Resp: 90284
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 49.1 37.1 55.7

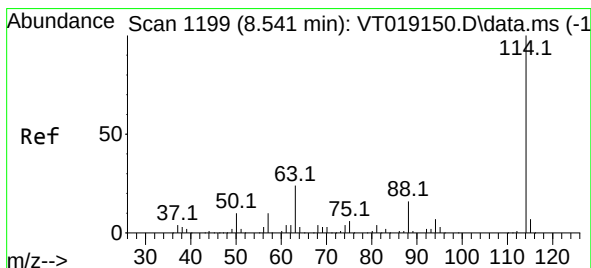
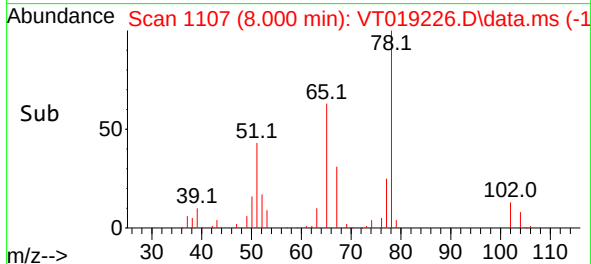
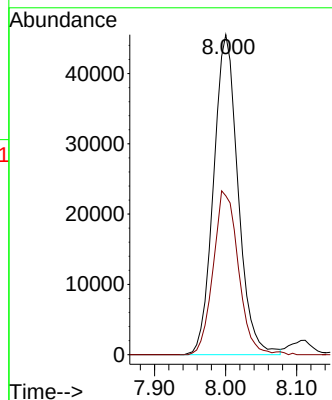
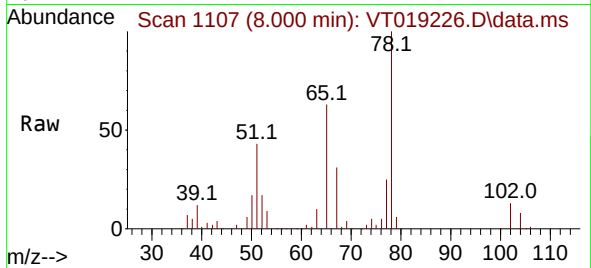




#33
 1,2-Dichloroethane-d4
 Concen: 57.146 ug/l
 RT: 8.000 min Scan# 1107
 Delta R.T. 0.065 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

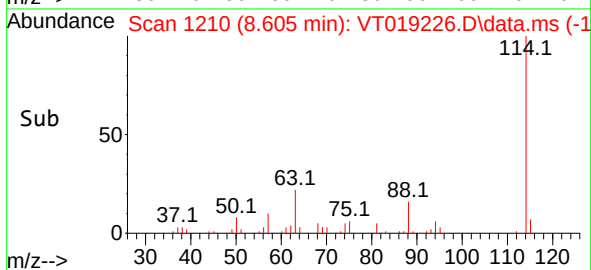
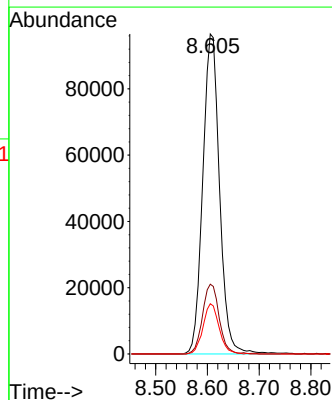
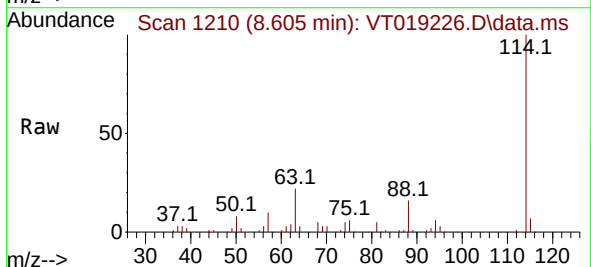
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 108819
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.605 min Scan# 1210
 Delta R.T. 0.058 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

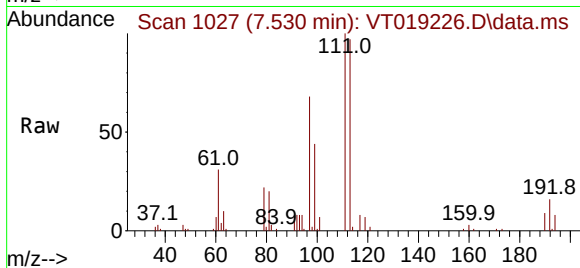
Tgt Ion: 114 Resp: 217274
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 47.2
 88 15.7 0.0 32.6



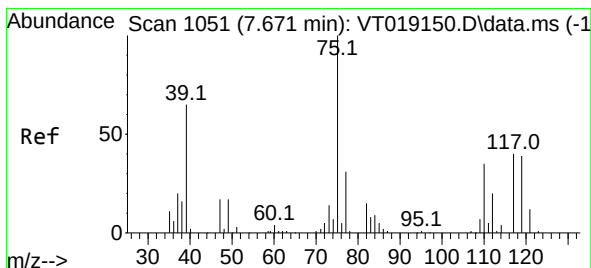
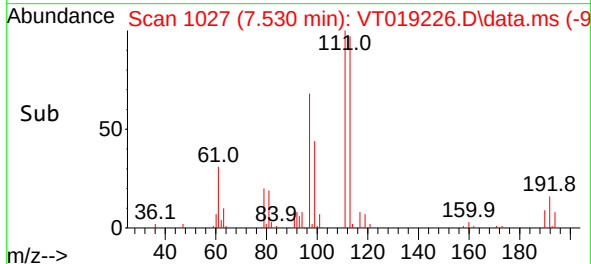
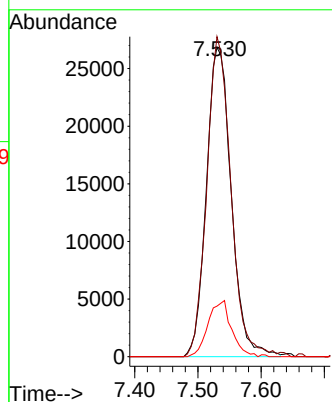


#35
 Dibromofluoromethane
 Concen: 53.405 ug/l
 RT: 7.530 min Scan# 1063
 Delta R.T. 0.065 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

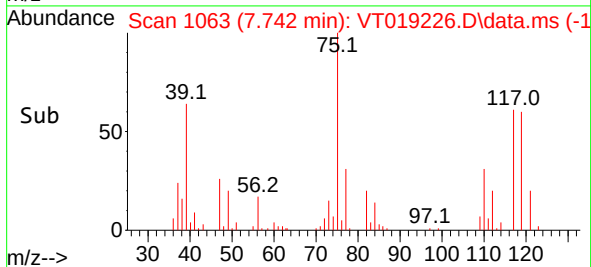
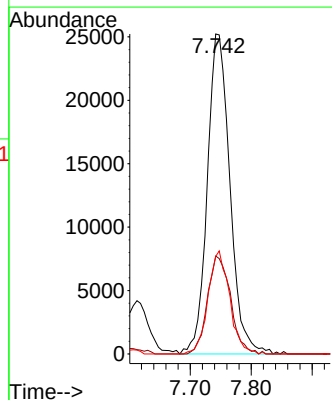
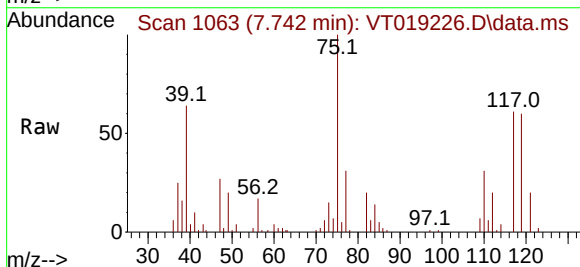


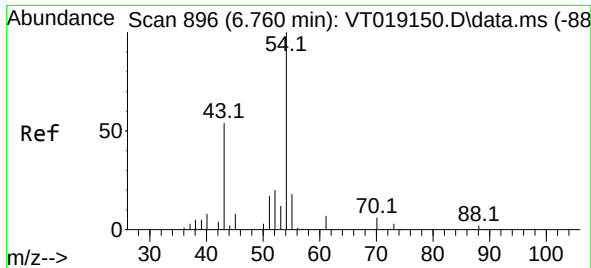
Tgt Ion:113 Resp: 73389
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.6 122.4
 192 17.0 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 42.174 ug/l
 RT: 7.742 min Scan# 1063
 Delta R.T. 0.059 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

Tgt Ion: 75 Resp: 65188
 Ion Ratio Lower Upper
 75 100
 110 31.3 16.1 48.2
 77 30.7 25.1 37.7

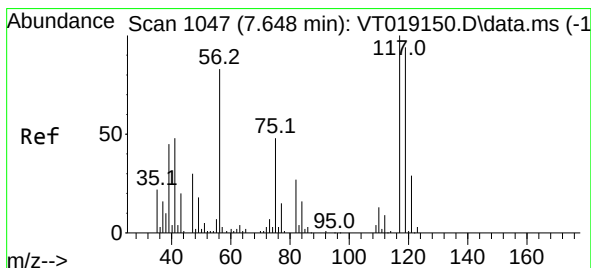
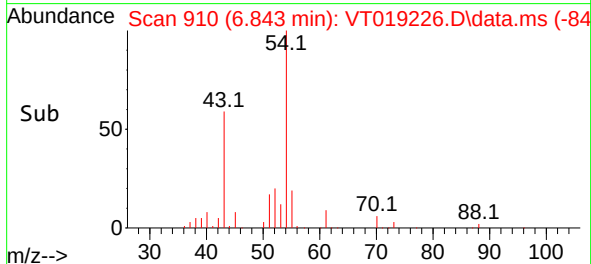
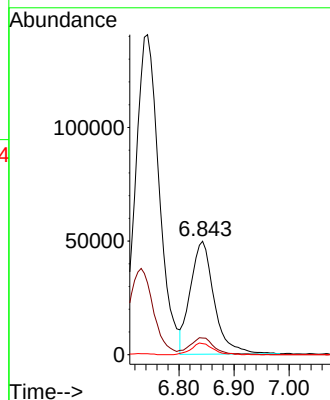
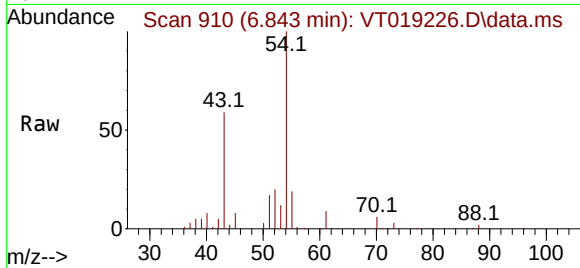




#37
Ethyl Acetate
Concen: 56.713 ug/l
RT: 6.843 min Scan# 91
Delta R.T. 0.077 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

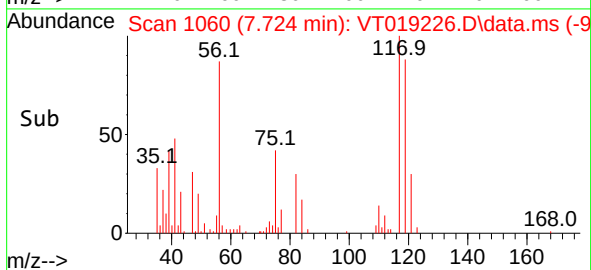
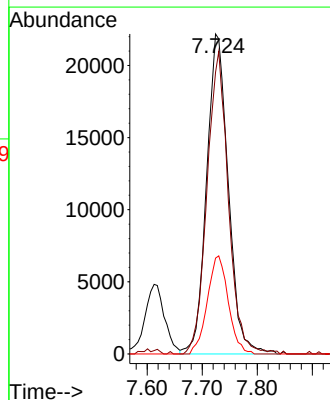
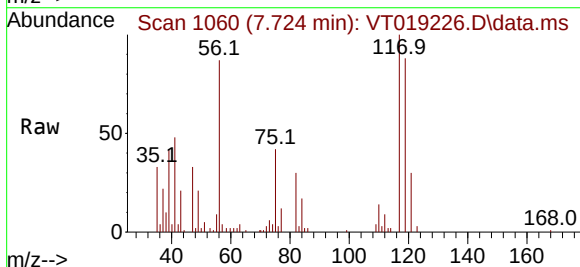
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

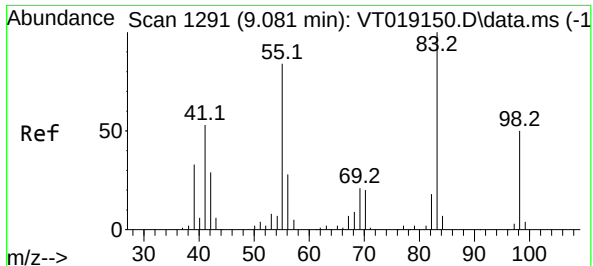
Tgt Ion: 43 Resp: 149231
Ion Ratio Lower Upper
43 100
61 15.6 10.0 15.0#
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 43.288 ug/l
RT: 7.724 min Scan# 1060
Delta R.T. 0.065 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 117 Resp: 60839
Ion Ratio Lower Upper
117 100
119 88.0 75.0 112.6
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 37.219 ug/l

RT: 9.152 min Scan# 1109

Delta R.T. 0.059 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

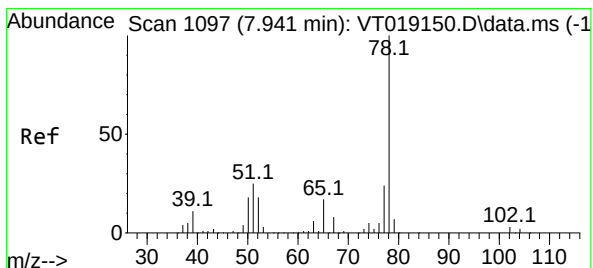
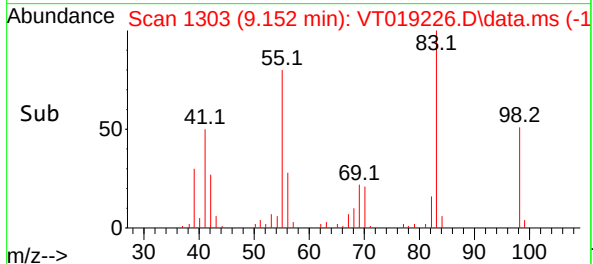
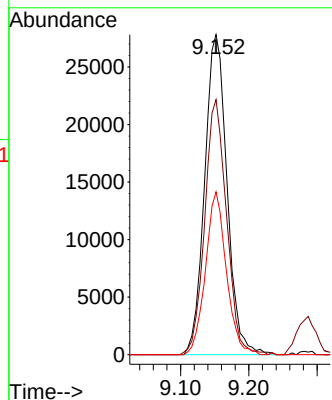
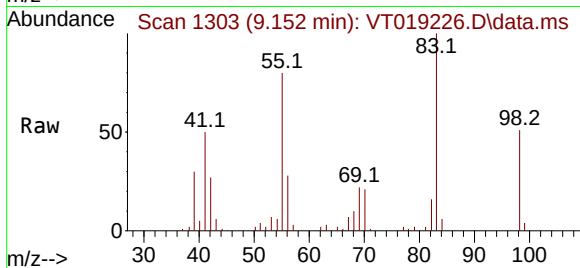
Tgt Ion: 83 Resp: 63566

Ion Ratio Lower Upper

83 100

55 79.7 67.5 101.3

98 50.9 39.9 59.9



#40

Benzene

Concen: 49.271 ug/l

RT: 8.012 min Scan# 1109

Delta R.T. 0.065 min

Lab File: VT019226.D

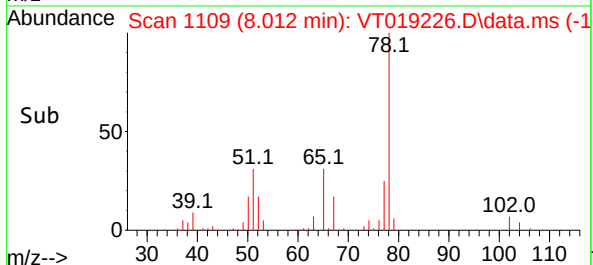
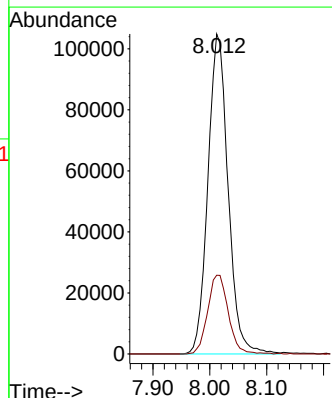
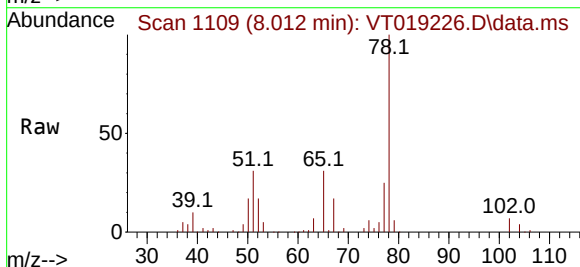
Acq: 31 Oct 2025 13:40

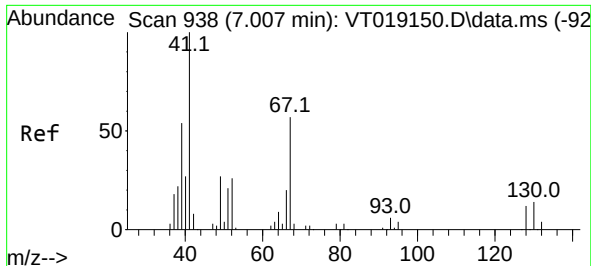
Tgt Ion: 78 Resp: 257804

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

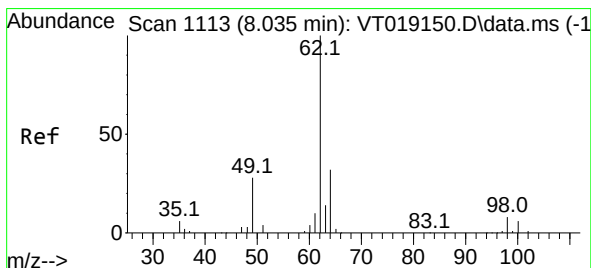
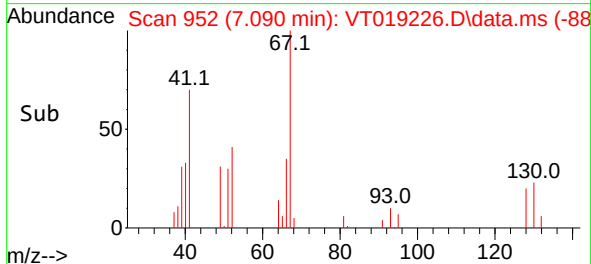
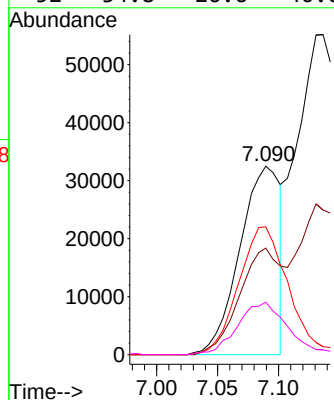
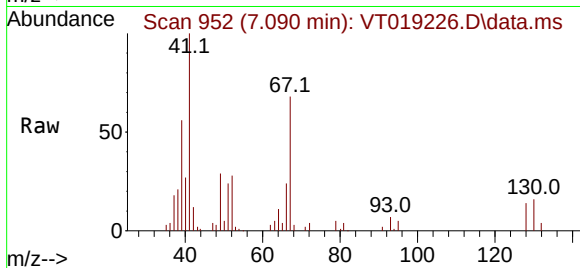




#41
Methacrylonitrile
Concen: 56.711 ug/l
RT: 7.090 min Scan# 91
Delta R.T. 0.071 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

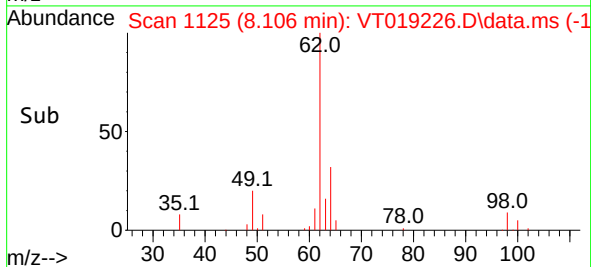
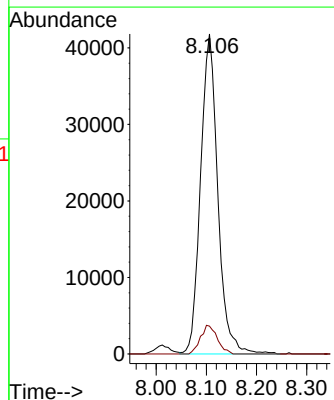
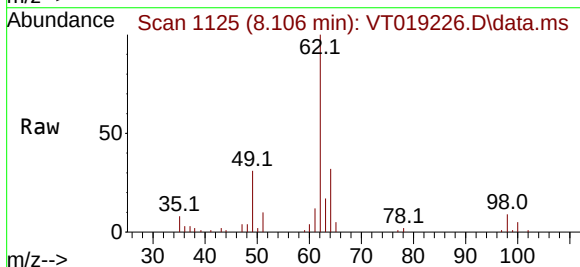
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

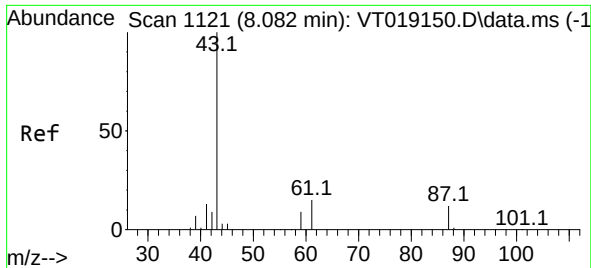
Tgt Ion:	41	Resp:	75074
Ion	Ratio	Lower	Upper
41	100		
39	62.4	49.8	74.6
67	84.1	60.0	90.0
52	34.8	26.6	40.0



#42
1,2-Dichloroethane
Concen: 54.298 ug/l
RT: 8.106 min Scan# 1125
Delta R.T. 0.065 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:	62	Resp:	99837
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 56.514 ug/l

RT: 8.147 min Scan# 11

Delta R.T. 0.059 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

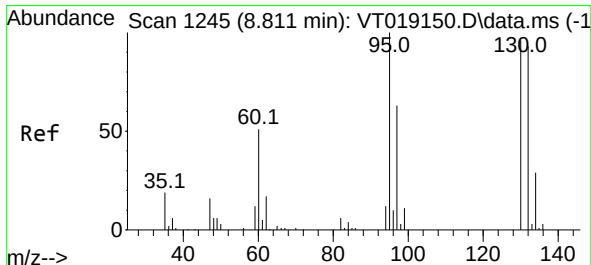
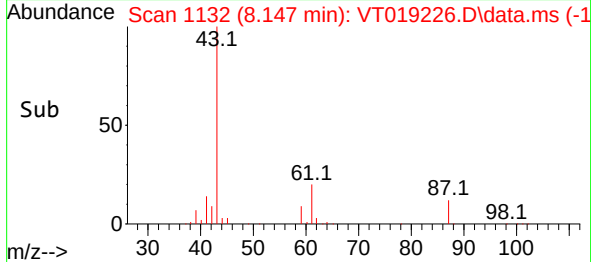
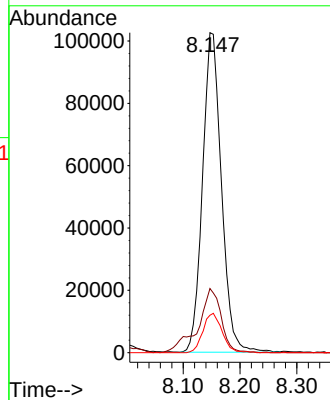
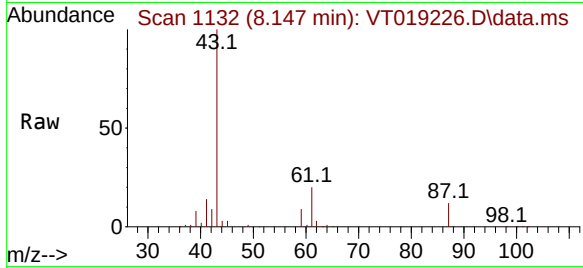
Tgt Ion: 43 Resp: 236463

Ion Ratio Lower Upper

43 100

61 24.7 14.8 22.2#

87 12.5 9.1 13.7



#44

Trichloroethene

Concen: 45.221 ug/l

RT: 8.882 min Scan# 1257

Delta R.T. 0.065 min

Lab File: VT019226.D

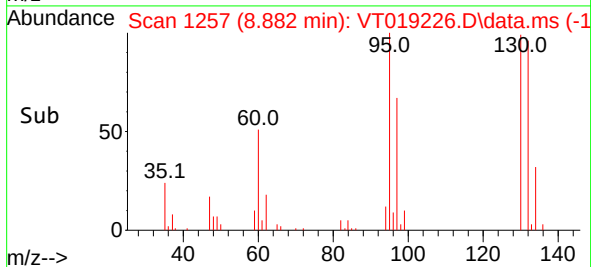
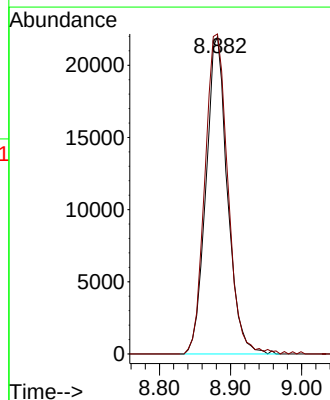
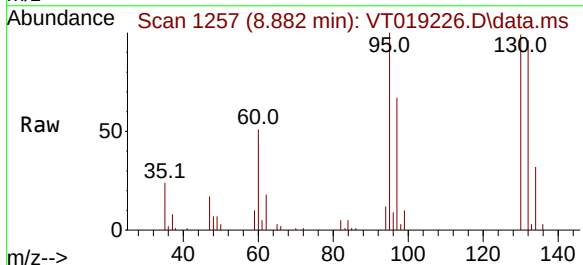
Acq: 31 Oct 2025 13:40

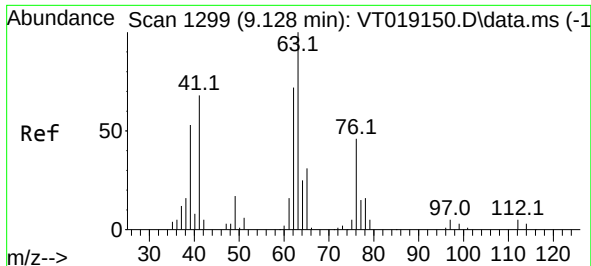
Tgt Ion:130 Resp: 46252

Ion Ratio Lower Upper

130 100

95 100.9 0.0 207.8

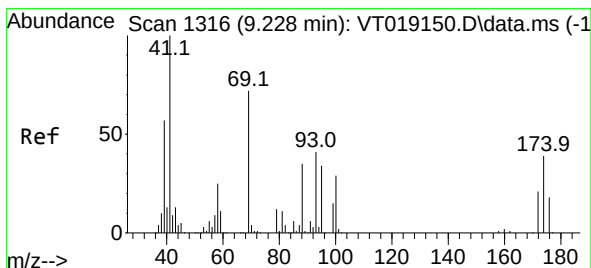
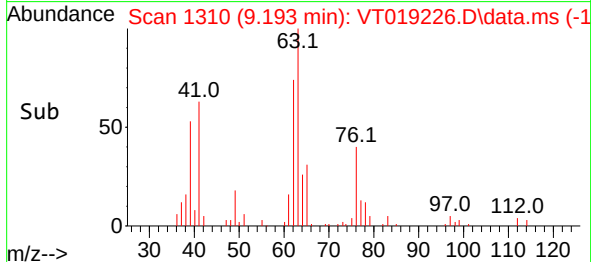
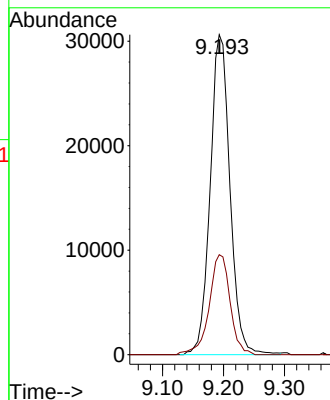
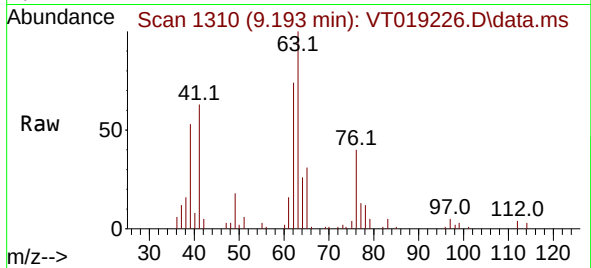




#45
1,2-Dichloropropane
Concen: 51.901 ug/l
RT: 9.193 min Scan# 11
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

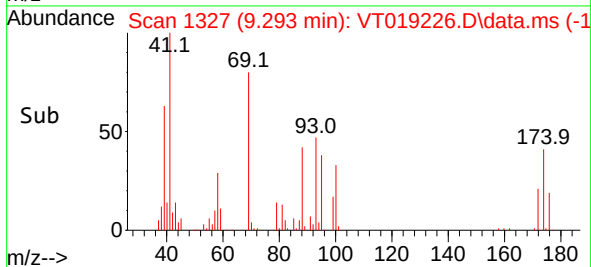
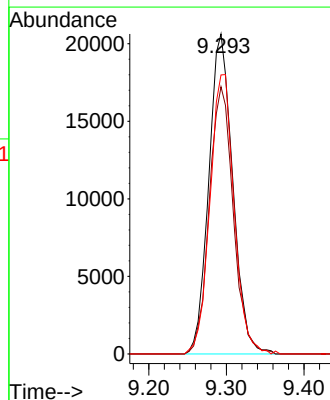
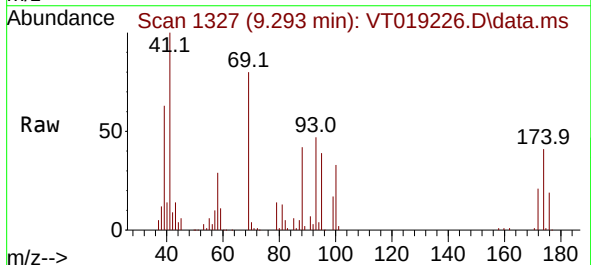
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

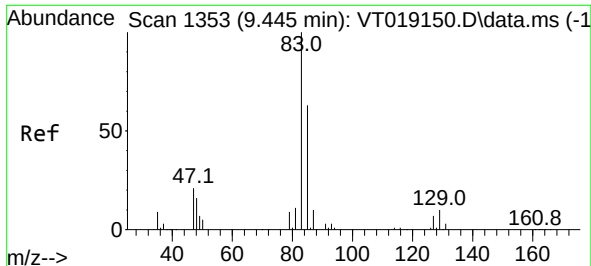
Tgt Ion: 63 Resp: 69097
Ion Ratio Lower Upper
63 100
65 31.3 24.6 36.8



#46
Dibromomethane
Concen: 55.262 ug/l
RT: 9.293 min Scan# 1327
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 93 Resp: 44279
Ion Ratio Lower Upper
93 100
95 83.9 66.4 99.6
174 88.0 77.3 115.9

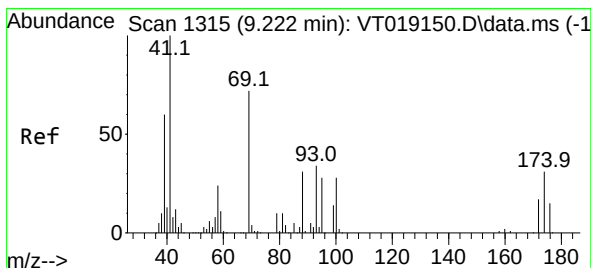
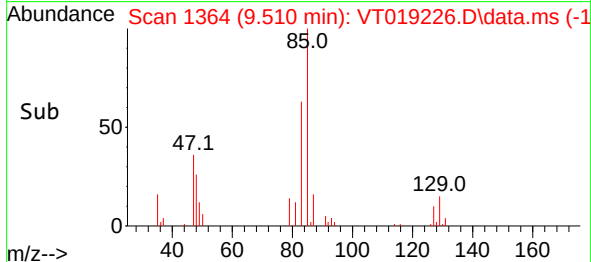
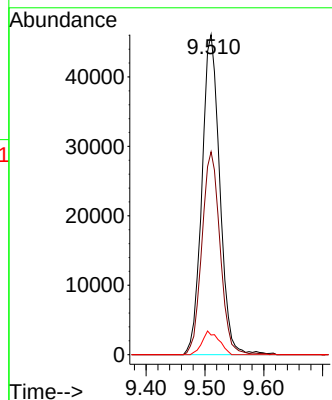
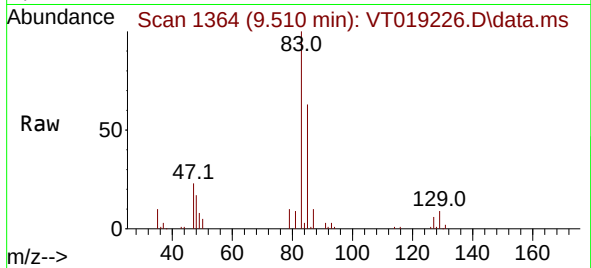




#47
Bromodichloromethane
Concen: 53.763 ug/l
RT: 9.510 min Scan# 11
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

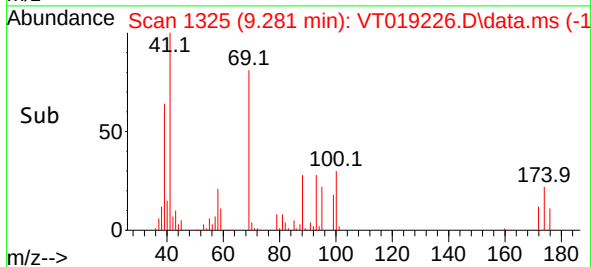
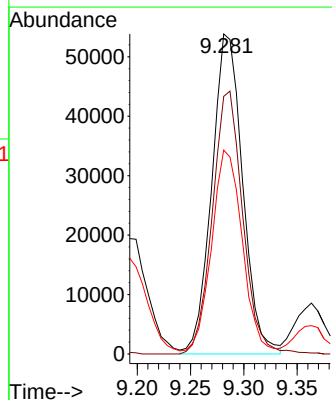
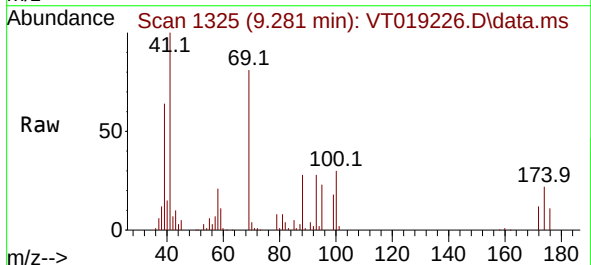
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

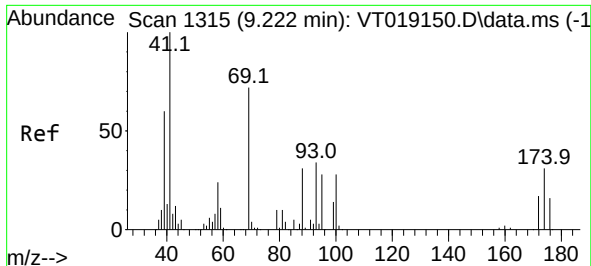
Tgt Ion: 83 Resp: 97119
Ion Ratio Lower Upper
83 100
85 63.4 50.4 75.6
127 6.1 6.0 9.0



#48
Methyl methacrylate
Concen: 57.732 ug/l
RT: 9.281 min Scan# 1325
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 41 Resp: 108500
Ion Ratio Lower Upper
41 100
69 80.7 56.9 85.3
39 63.6 48.0 72.0





#49

1,4-Dioxane

Concen: 1178.928 ug/l

RT: 9.287 min Scan# 11

Delta R.T. 0.059 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

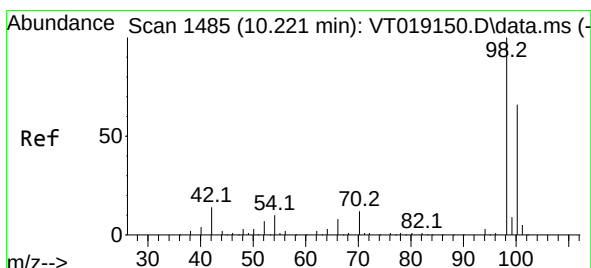
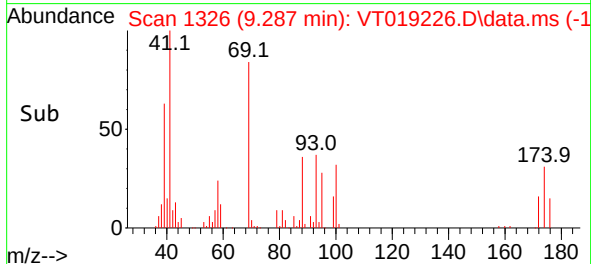
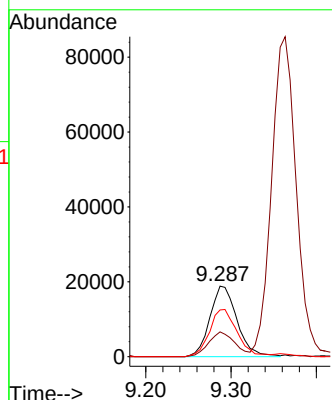
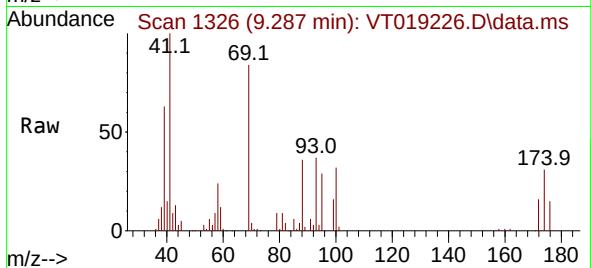
Tgt Ion: 88 Resp: 41615

Ion Ratio Lower Upper

88 100

43 34.4 30.0 45.0

58 68.3 57.2 85.8



#50

Toluene-d8

Concen: 47.436 ug/l

RT: 10.280 min Scan# 1495

Delta R.T. 0.053 min

Lab File: VT019226.D

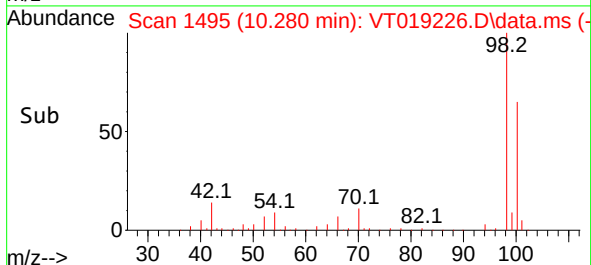
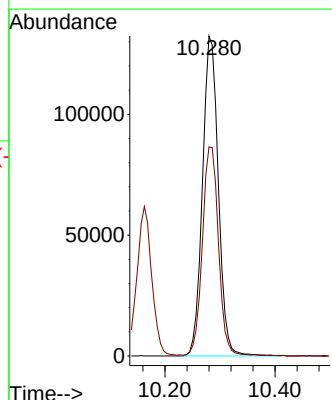
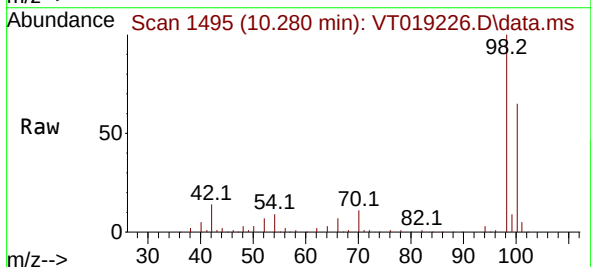
Acq: 31 Oct 2025 13:40

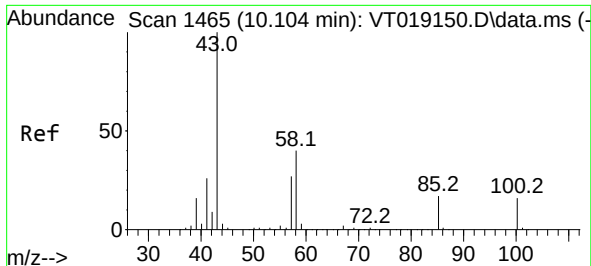
Tgt Ion: 98 Resp: 264717

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3

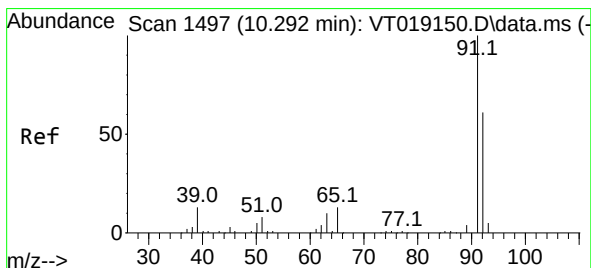
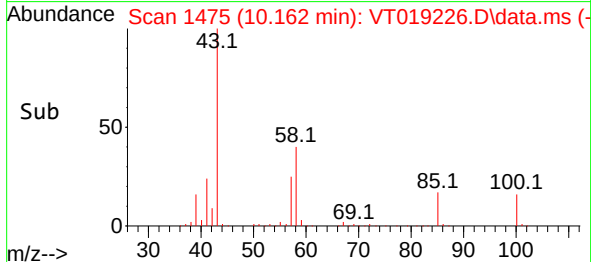
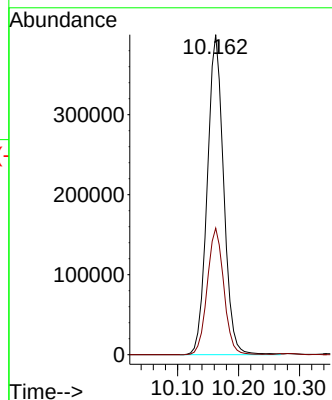
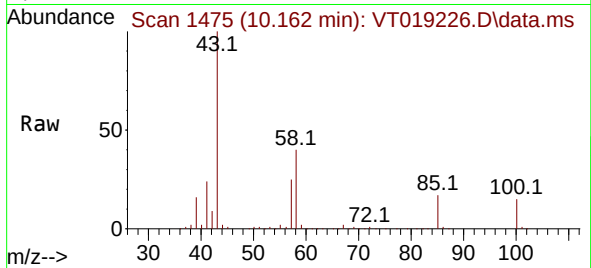




#51
4-Methyl-2-Pentanone
Concen: 296.462 ug/l
RT: 10.162 min Scan# 14
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

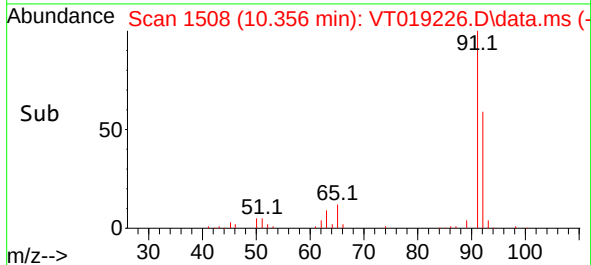
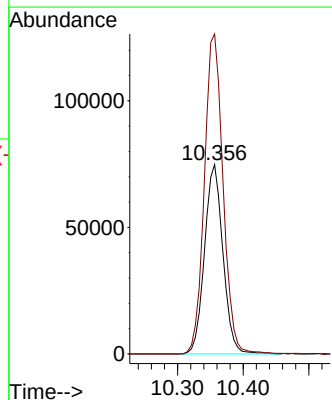
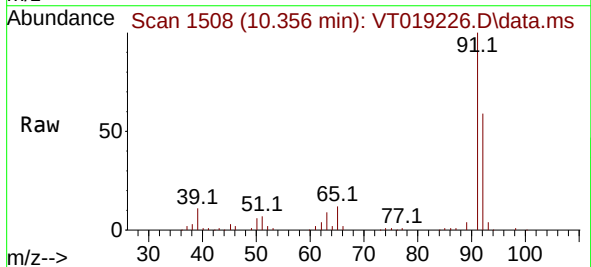
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

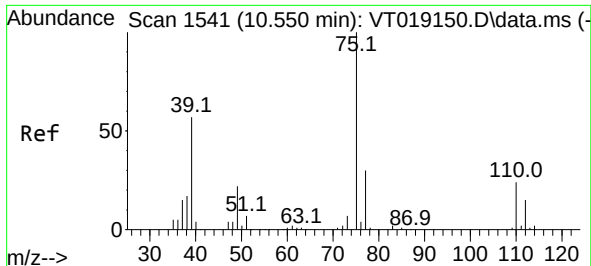
Tgt Ion: 43 Resp: 747068
Ion Ratio Lower Upper
43 100
58 40.0 30.5 45.7



#52
Toluene
Concen: 48.892 ug/l
RT: 10.356 min Scan# 1508
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 92 Resp: 146179
Ion Ratio Lower Upper
92 100
91 171.4 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 54.249 ug/l

RT: 10.609 min Scan# 11

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

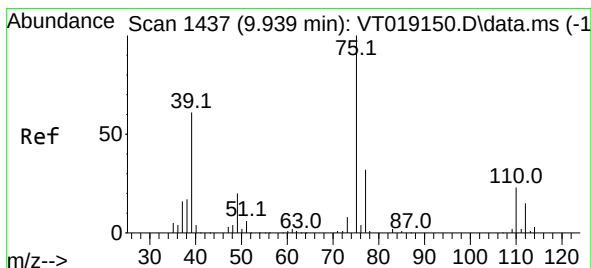
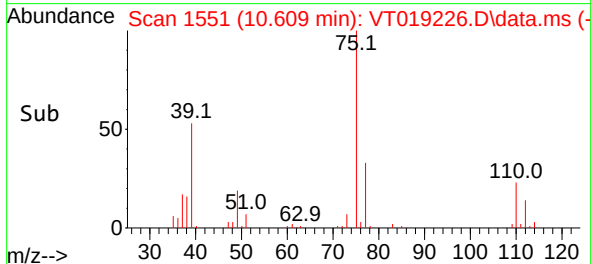
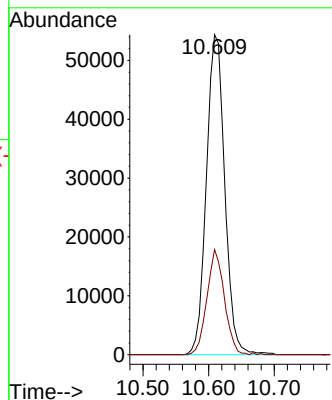
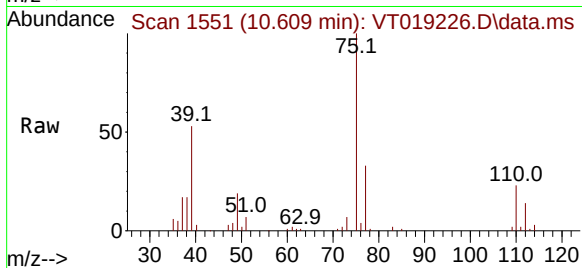
VSTDCCC050EC

Tgt Ion: 75 Resp: 106067

Ion Ratio Lower Upper

75 100

77 32.9 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 53.142 ug/l

RT: 9.998 min Scan# 1447

Delta R.T. 0.059 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

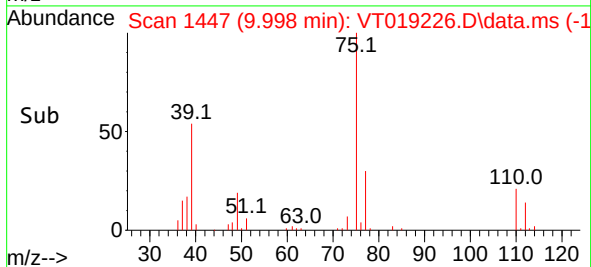
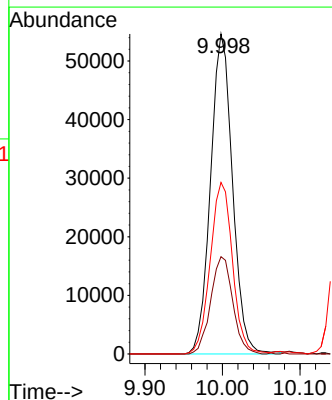
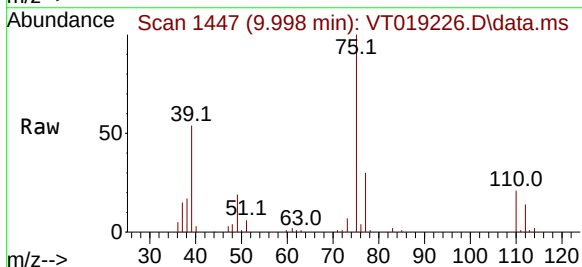
Tgt Ion: 75 Resp: 107593

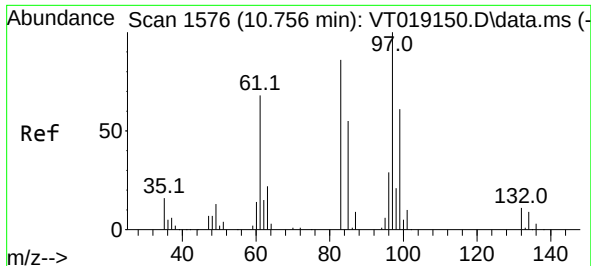
Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3

39 53.6 48.8 73.2

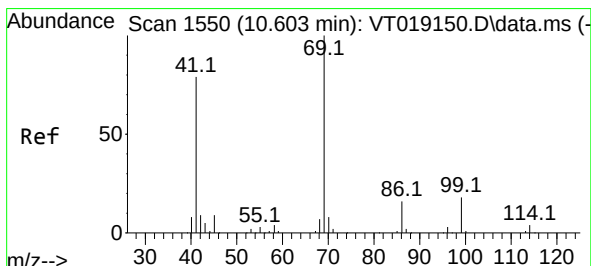
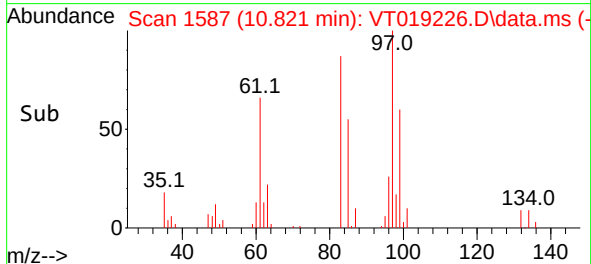
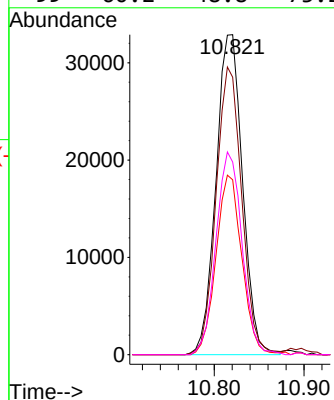
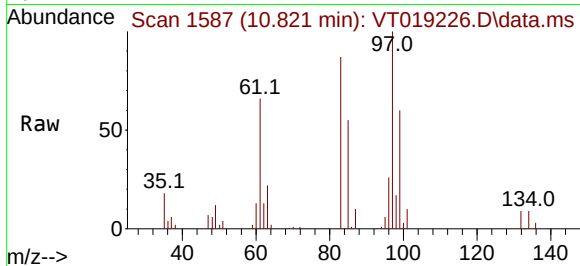




#55
1,1,2-Trichloroethane
Concen: 57.308 ug/l
RT: 10.821 min Scan# 1587
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

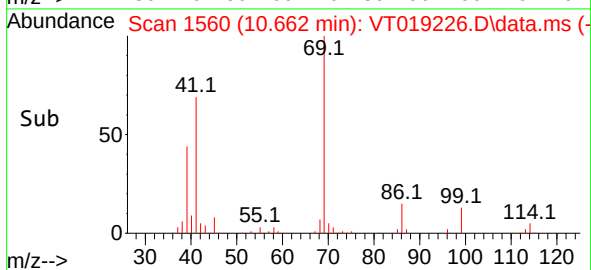
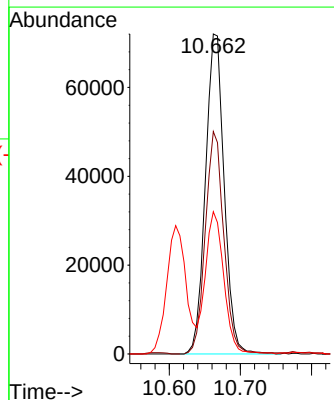
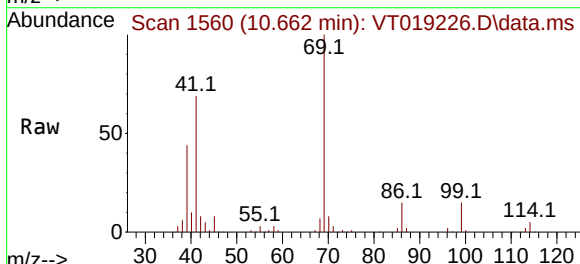
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

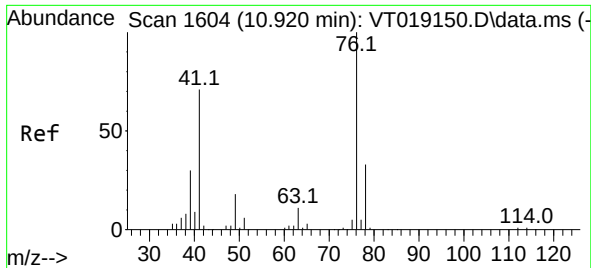
Tgt Ion: 97	Resp: 67579
Ion Ratio	Lower Upper
97 100	
83 86.7	69.2 103.8
85 54.6	43.8 65.6
99 60.2	48.8 73.2



#56
Ethyl methacrylate
Concen: 58.213 ug/l
RT: 10.662 min Scan# 1560
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 69	Resp: 131919
Ion Ratio	Lower Upper
69 100	
41 68.6	62.6 93.8
39 43.8	37.2 55.8

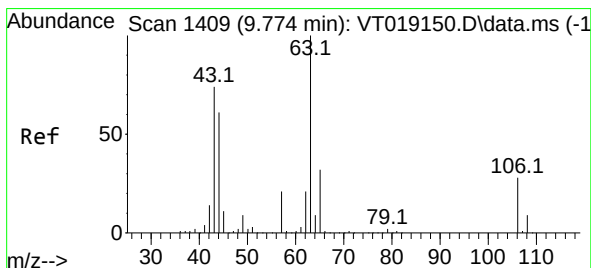
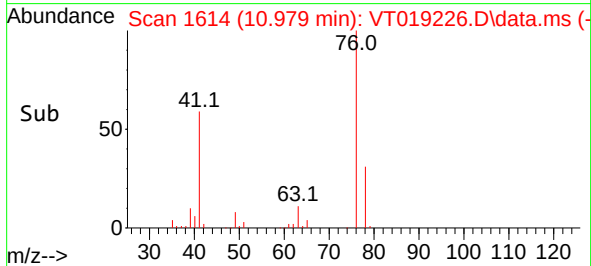
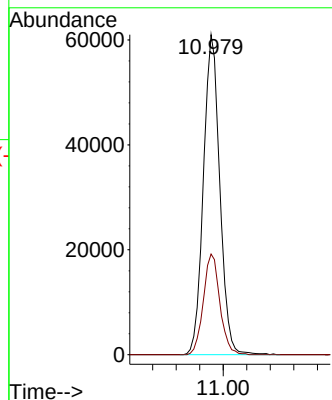
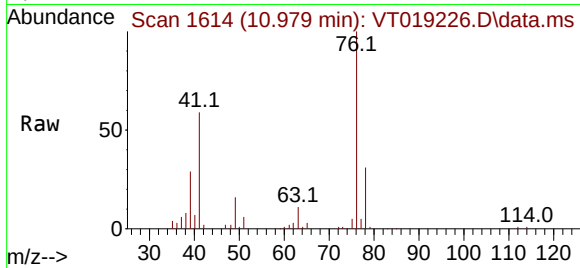




#57
1,3-Dichloropropane
Concen: 56.309 ug/l
RT: 10.979 min Scan# 10
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

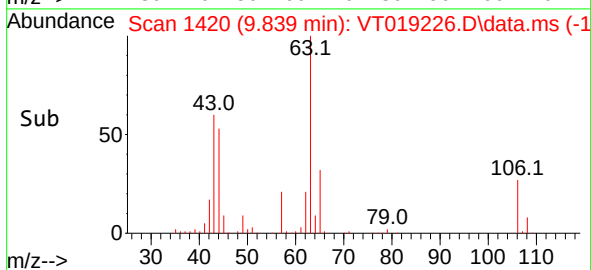
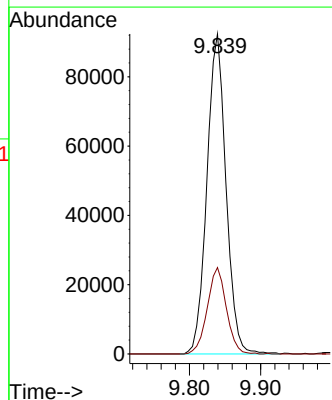
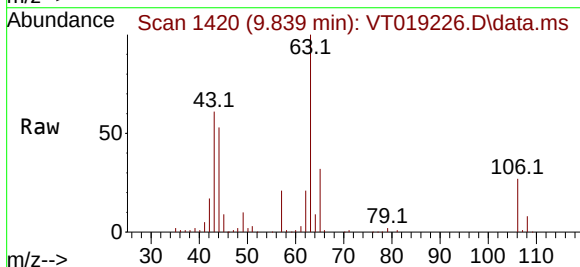
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

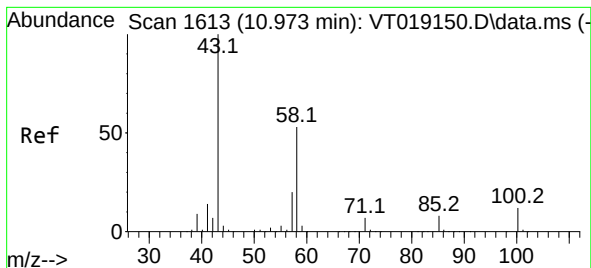
Tgt Ion: 76 Resp: 117847
Ion Ratio Lower Upper
76 100
78 31.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 283.118 ug/l
RT: 9.839 min Scan# 1420
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 63 Resp: 172666
Ion Ratio Lower Upper
63 100
106 27.0 22.4 33.6

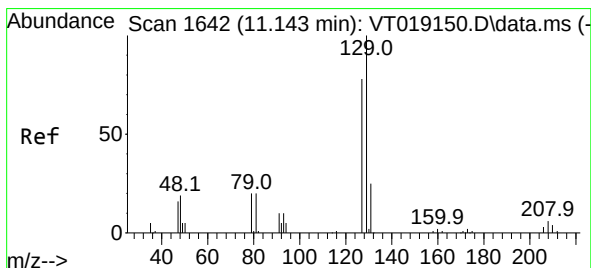
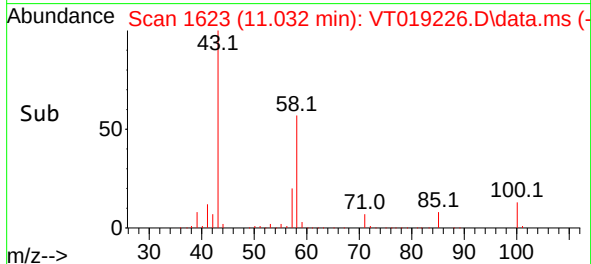
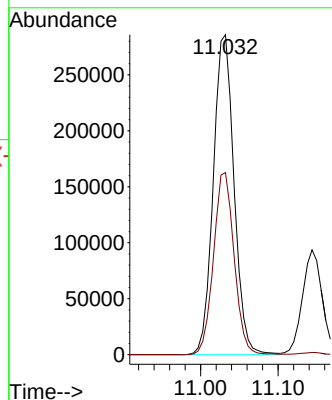
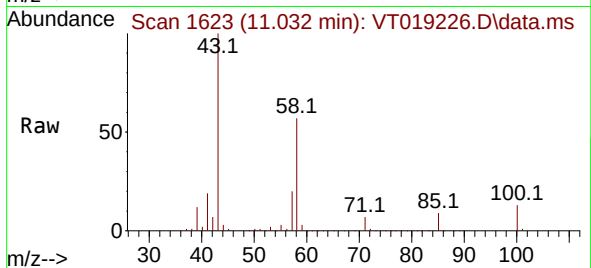




#59
2-Hexanone
Concen: 278.796 ug/l
RT: 11.032 min Scan# 1623
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

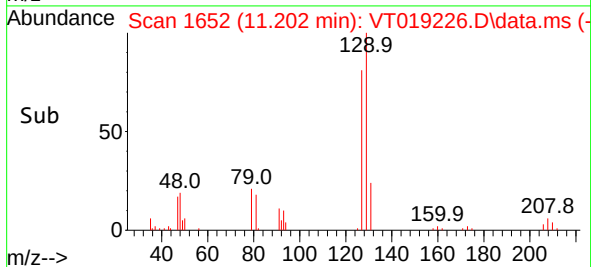
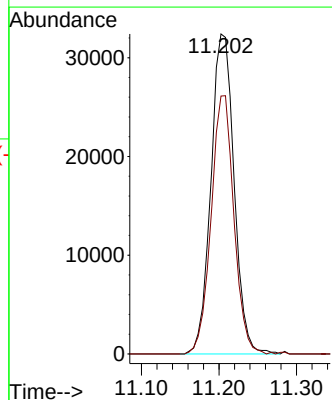
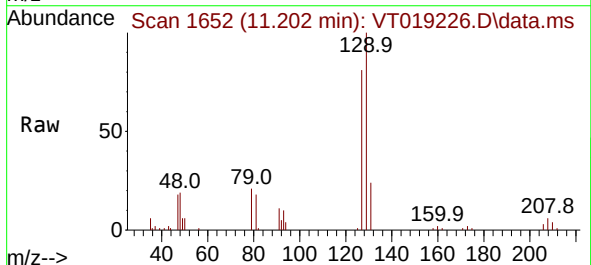
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

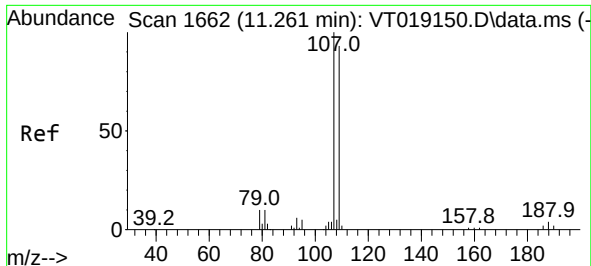
Tgt Ion: 43 Resp: 532222
Ion Ratio Lower Upper
43 100
58 56.5 26.1 78.3



#60
Dibromochloromethane
Concen: 56.648 ug/l
RT: 11.202 min Scan# 1652
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 129 Resp: 67349
Ion Ratio Lower Upper
129 100
127 79.3 38.9 116.7

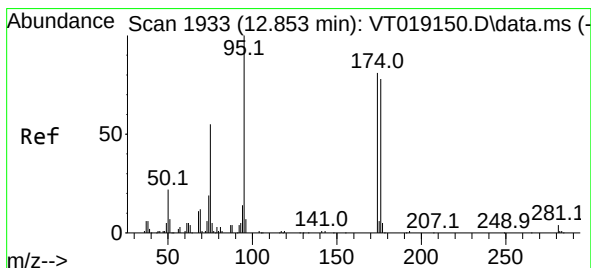
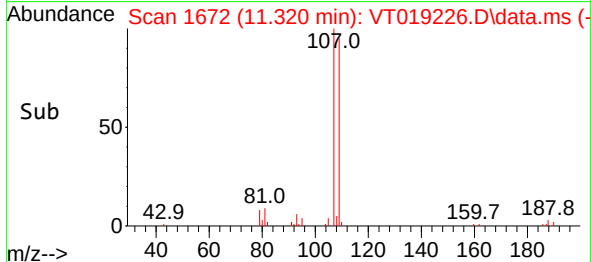
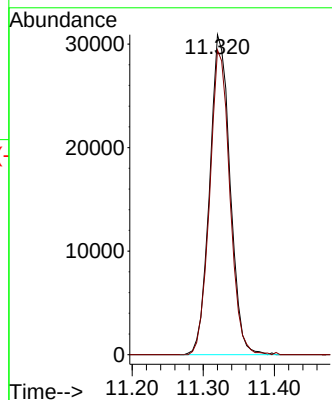
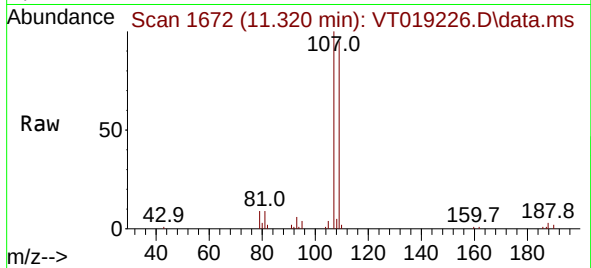




#61
1,2-Dibromoethane
Concen: 56.216 ug/l
RT: 11.320 min Scan# 1
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

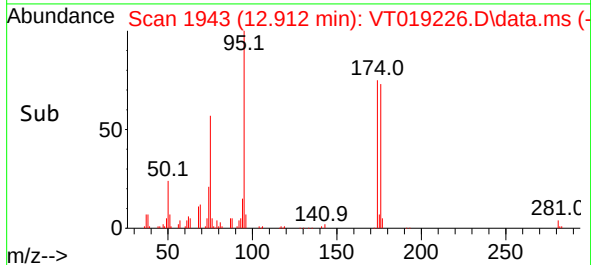
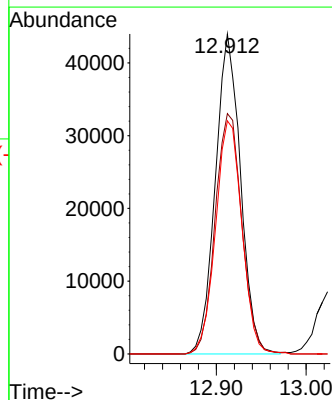
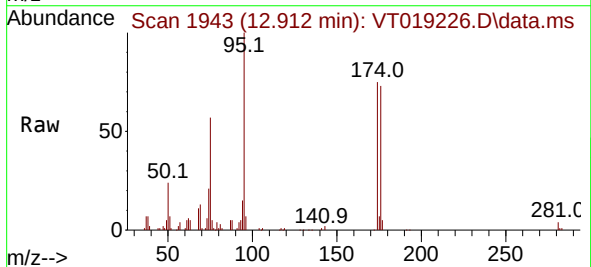
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

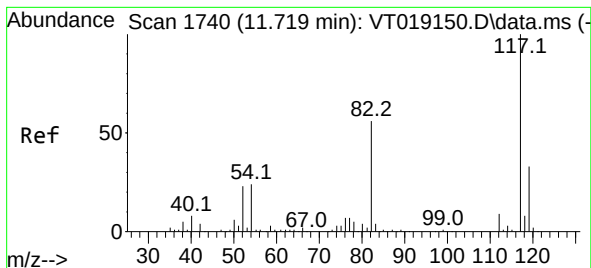
Tgt Ion:107 Resp: 61728
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.740 ug/l
RT: 12.912 min Scan# 1943
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 95 Resp: 85506
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.6
176 76.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.778 min Scan# 11

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

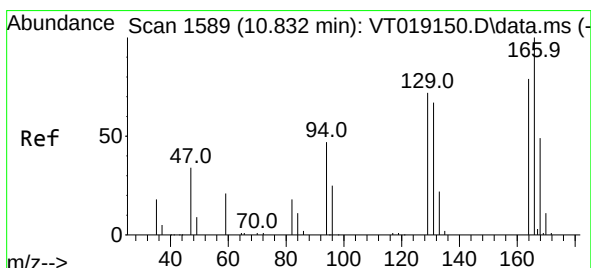
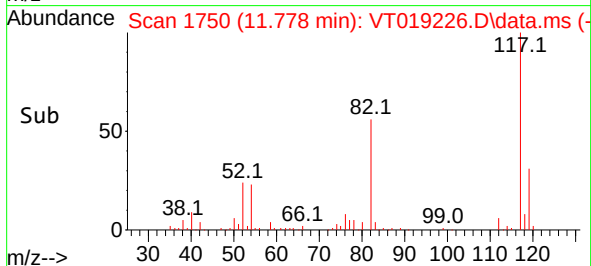
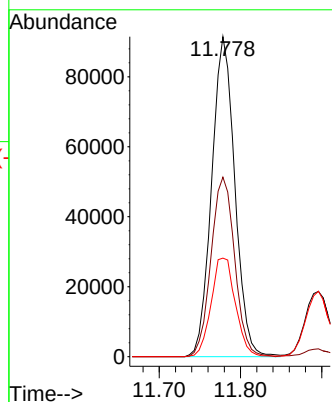
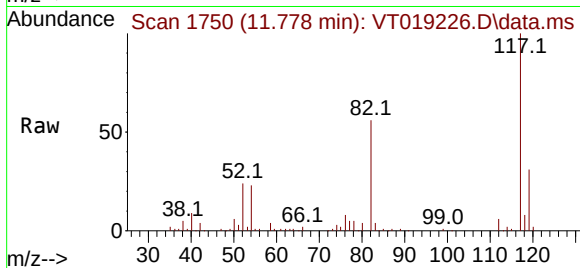
Tgt Ion:117 Resp: 181085

Ion Ratio Lower Upper

117 100

82 56.1 45.1 67.7

119 30.8 26.6 40.0



#64

Tetrachloroethene

Concen: 45.569 ug/l

RT: 10.891 min Scan# 1599

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Tgt Ion:164 Resp: 37508

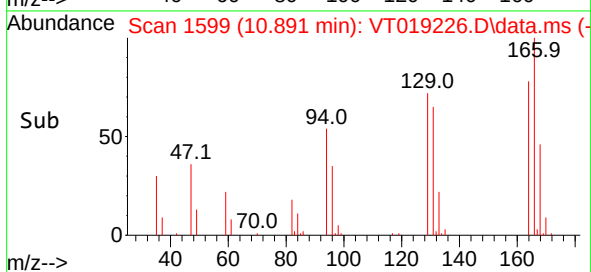
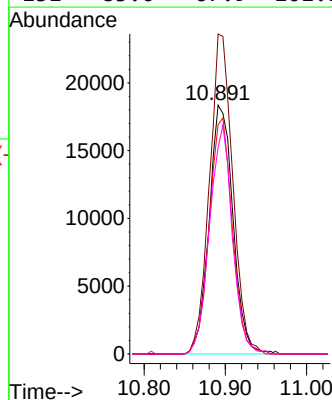
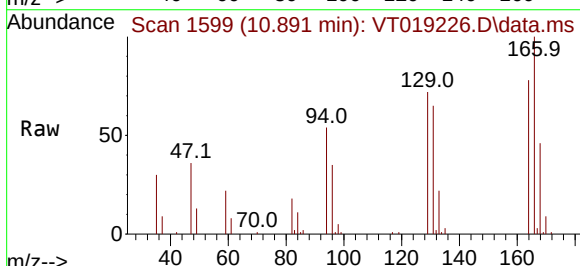
Ion Ratio Lower Upper

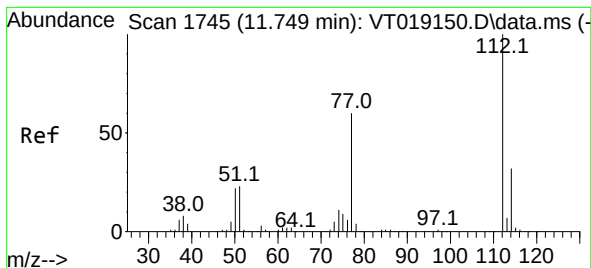
164 100

166 128.6 100.9 151.3

129 92.2 72.4 108.6

131 83.0 67.9 101.9

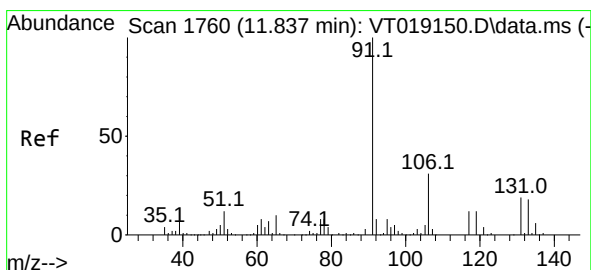
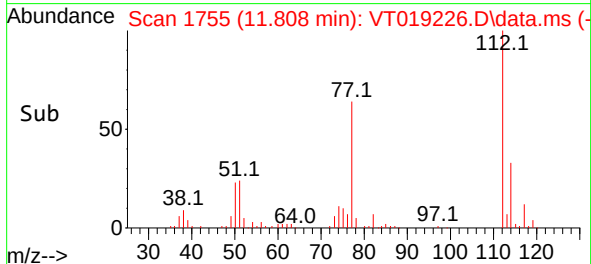
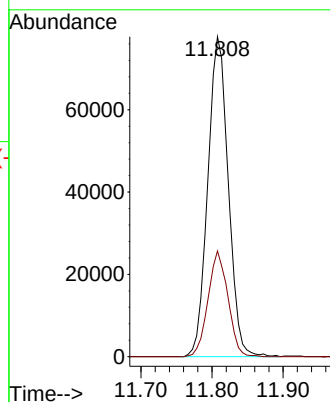
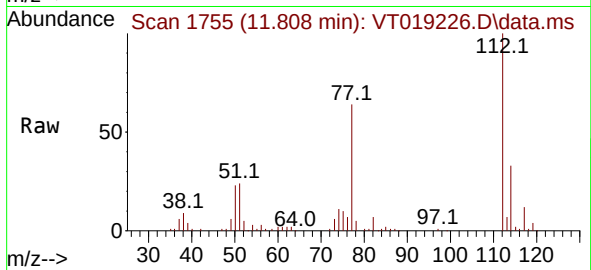




#65
Chlorobenzene
Concen: 48.021 ug/l
RT: 11.808 min Scan# 11
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

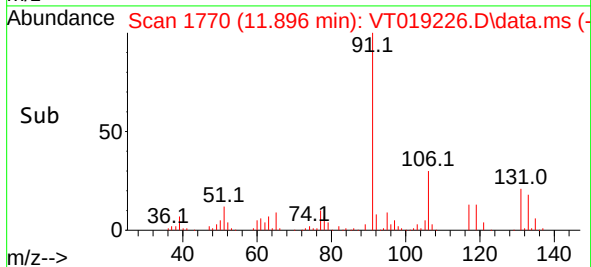
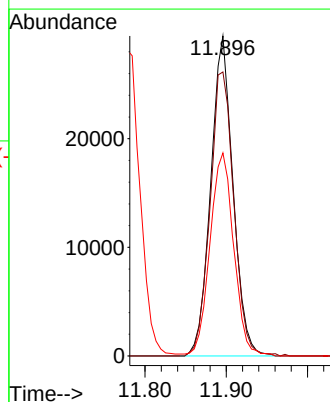
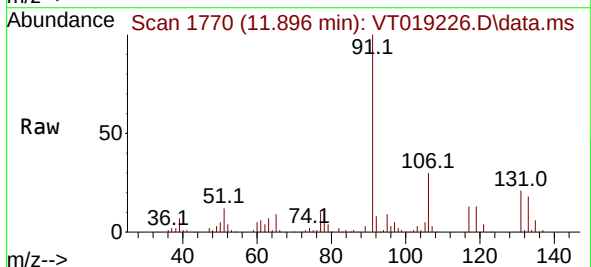
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

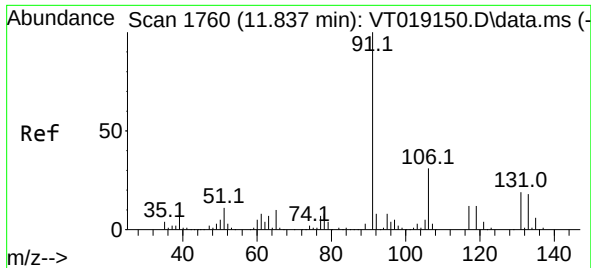
Tgt Ion:112 Resp: 156077
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.443 ug/l
RT: 11.896 min Scan# 1770
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:131 Resp: 56131
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.3
119 67.5 31.7 95.1

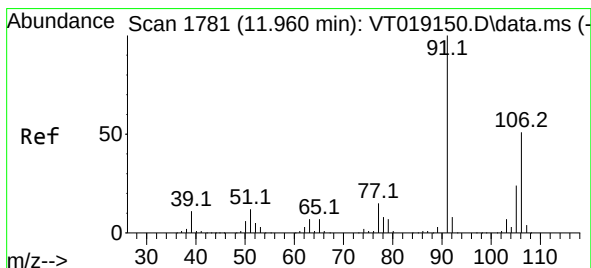
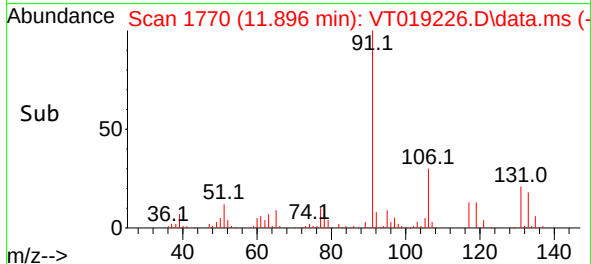
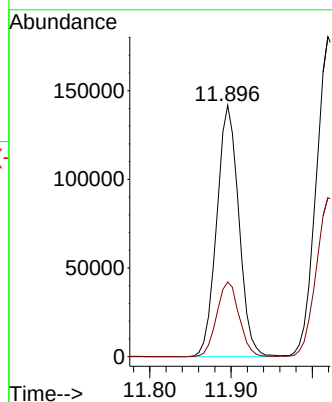
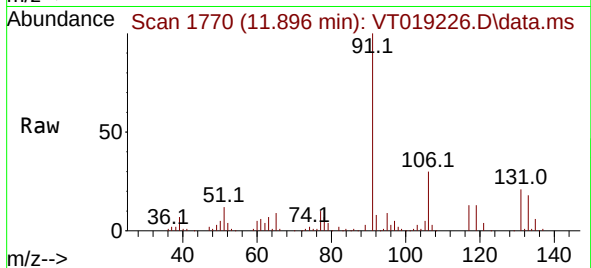




#67
Ethyl Benzene
Concen: 44.090 ug/l
RT: 11.896 min Scan# 1760
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

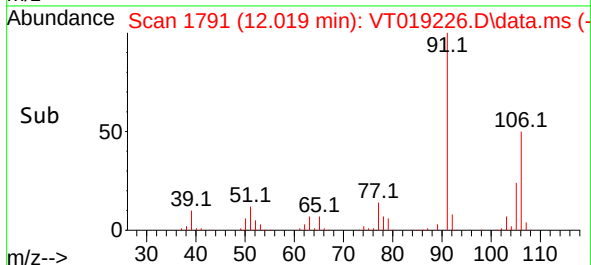
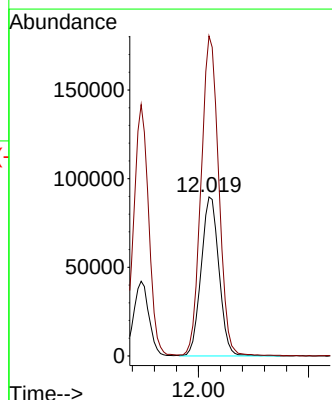
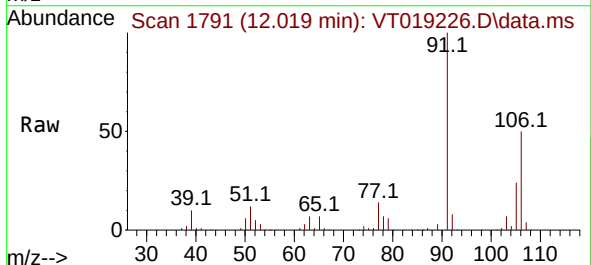
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

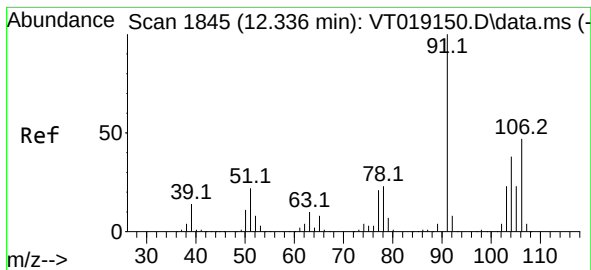
Tgt Ion: 91 Resp: 267927
Ion Ratio Lower Upper
91 100
106 29.7 24.8 37.2



#68
m/p-Xylenes
Concen: 89.794 ug/l
RT: 12.019 min Scan# 1791
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 106 Resp: 201552
Ion Ratio Lower Upper
106 100
91 198.2 161.0 241.6





#69

o-Xylene

Concen: 46.770 ug/l

RT: 12.395 min Scan# 11

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

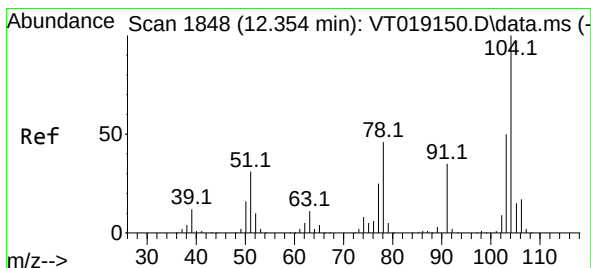
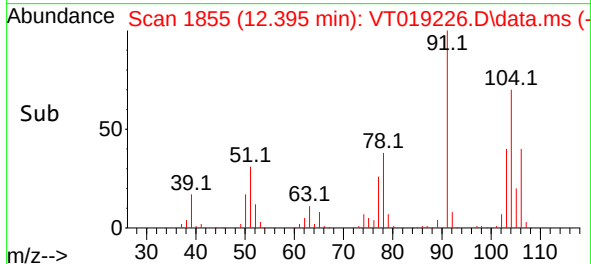
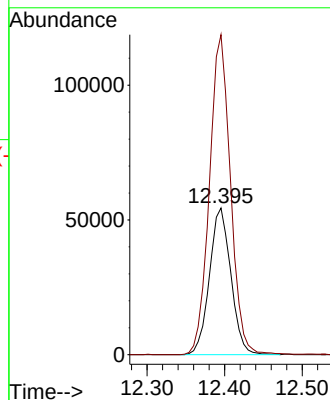
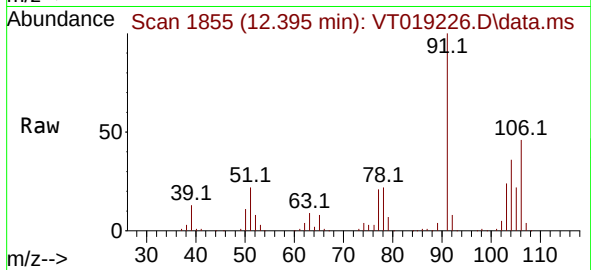
VSTDCCC050EC

Tgt Ion:106 Resp: 104351

Ion Ratio Lower Upper

106 100

91 215.0 106.5 319.5



#70

Styrene

Concen: 47.411 ug/l

RT: 12.413 min Scan# 1858

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

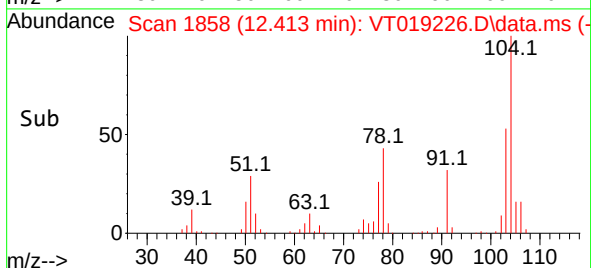
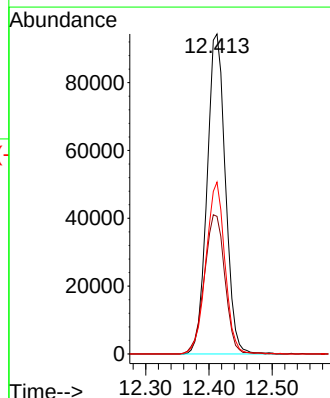
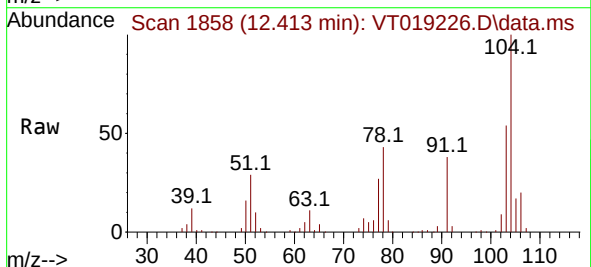
Tgt Ion:104 Resp: 190482

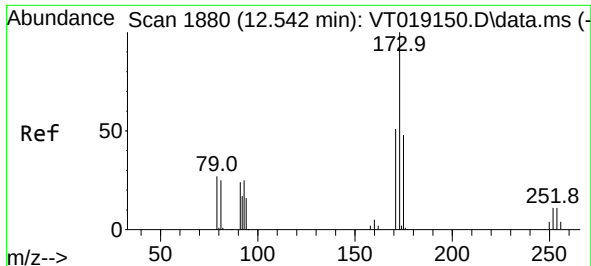
Ion Ratio Lower Upper

104 100

78 48.7 40.8 61.2

103 55.4 43.8 65.6

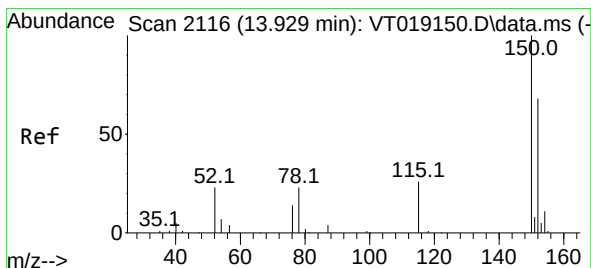
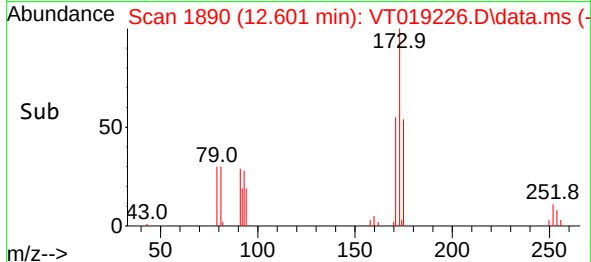
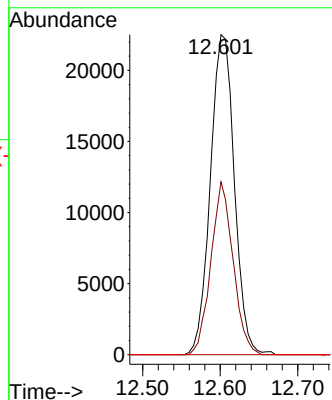
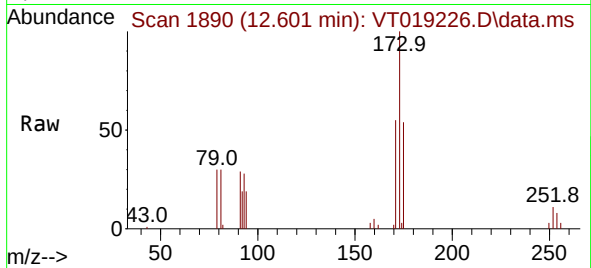




#71
Bromoform
Concen: 56.999 ug/l
RT: 12.601 min Scan# 11
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

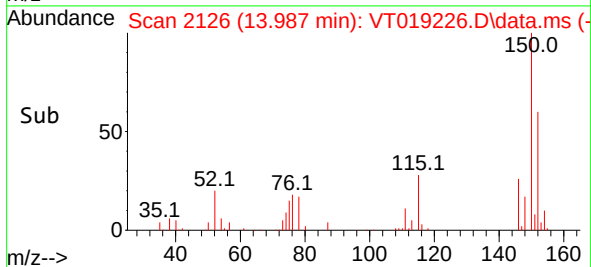
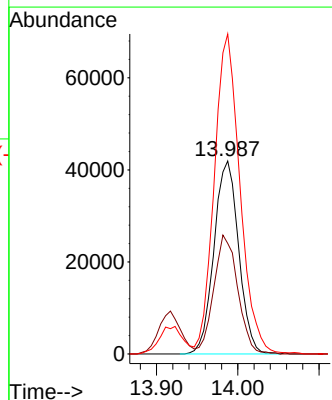
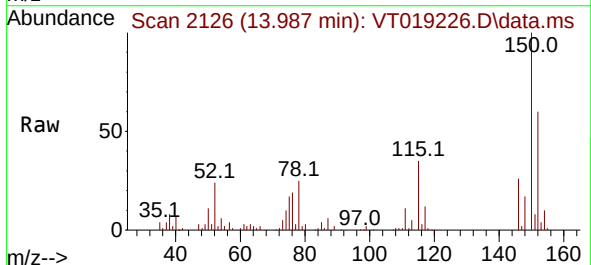
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

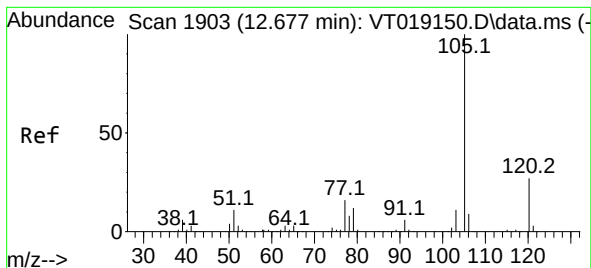
Tgt Ion:173 Resp: 48500
Ion Ratio Lower Upper
173 100
175 50.0 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.987 min Scan# 2126
Delta R.T. 0.058 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:152 Resp: 88433
Ion Ratio Lower Upper
152 100
115 60.1 29.6 88.9
150 172.7 0.0 342.6





#73

Isopropylbenzene

Concen: 43.015 ug/l

RT: 12.736 min Scan# 1903

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

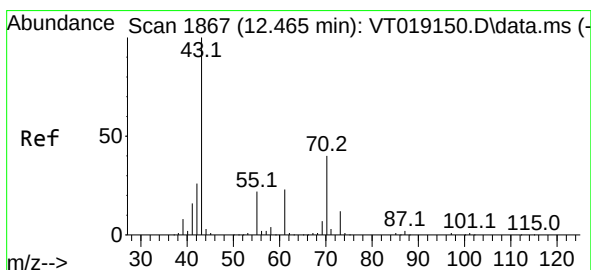
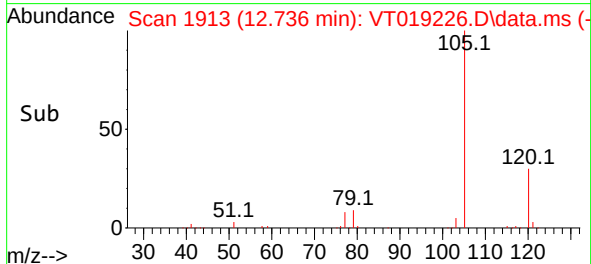
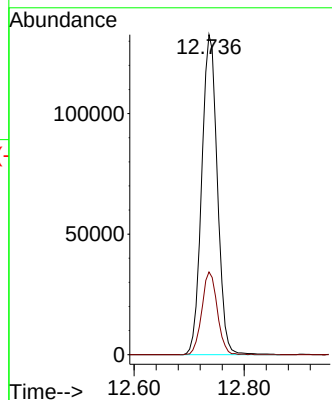
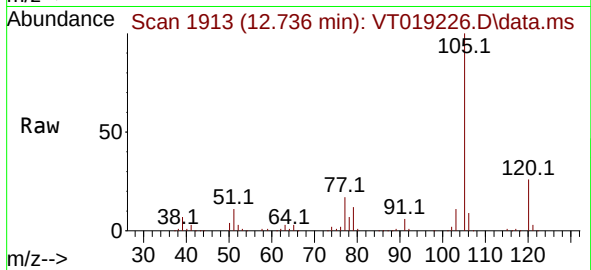
VSTDCCC050EC

Tgt Ion:105 Resp: 261869

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.4



#74

N-ethyl acetate

Concen: 54.256 ug/l

RT: 12.524 min Scan# 1877

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Tgt Ion: 43 Resp: 166614

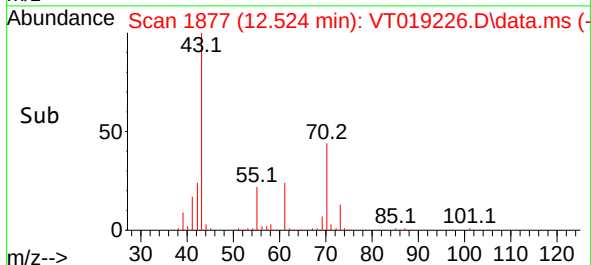
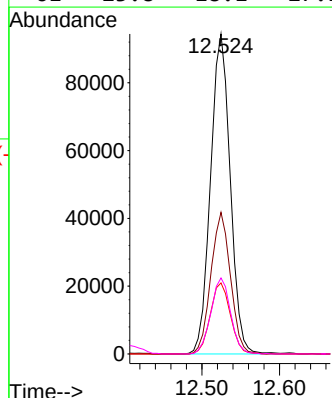
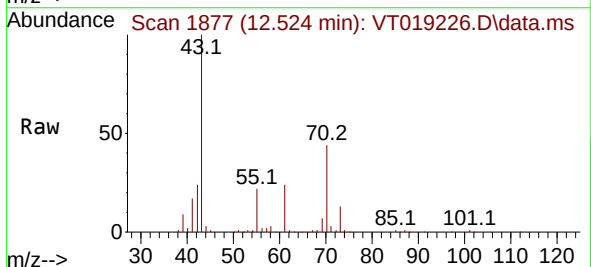
Ion Ratio Lower Upper

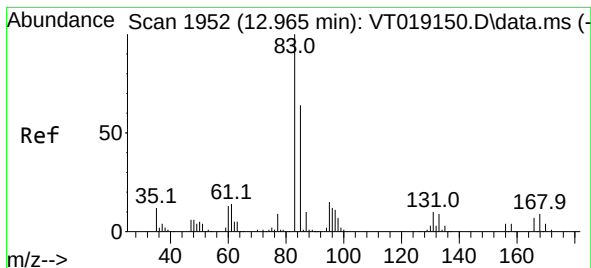
43 100

70 44.0 31.3 46.9

55 22.7 17.4 26.0

61 23.8 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.179 ug/l

RT: 13.024 min Scan# 1952

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

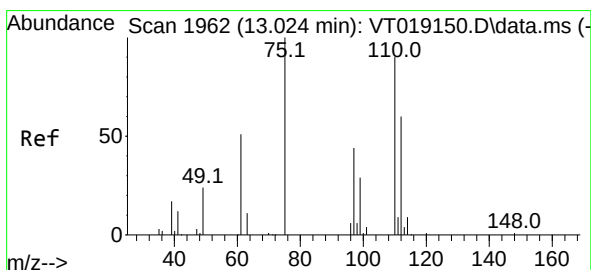
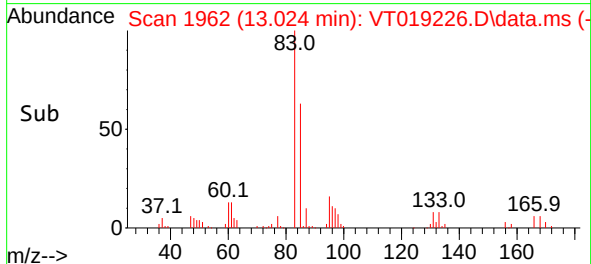
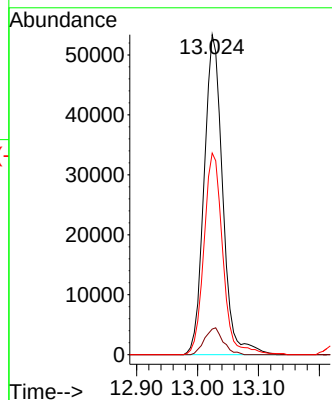
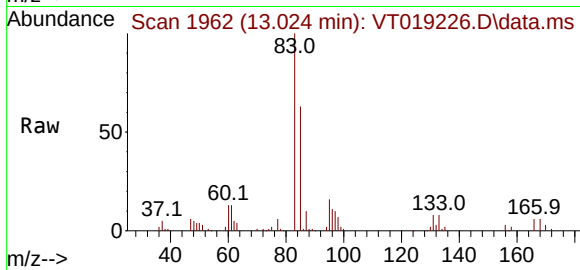
Tgt Ion: 83 Resp: 113018

Ion Ratio Lower Upper

83 100

131 8.4 5.2 15.6

85 63.9 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 44.151 ug/l m

RT: 13.083 min Scan# 1972

Delta R.T. 0.053 min

Lab File: VT019226.D

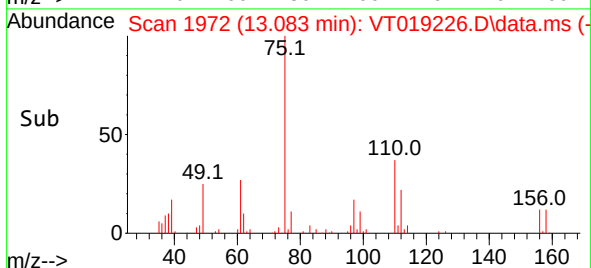
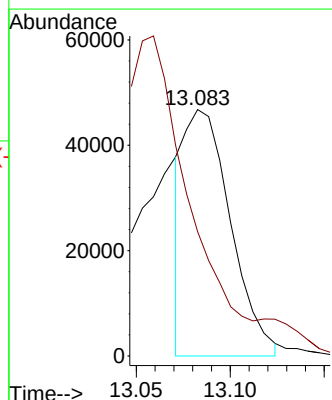
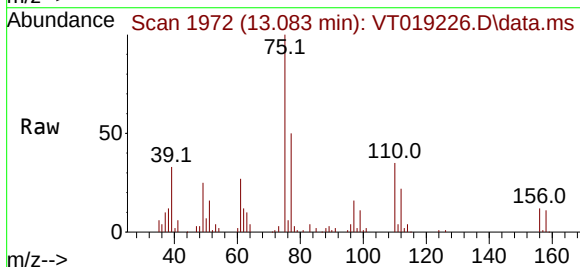
Acq: 31 Oct 2025 13:40

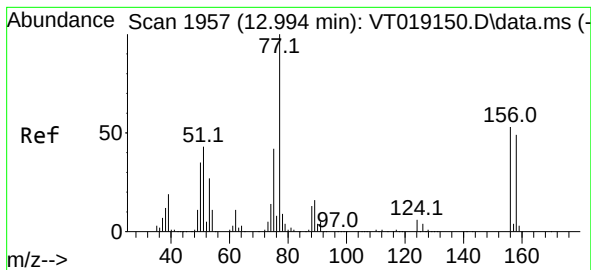
Tgt Ion: 75 Resp: 80346

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.702 ug/l

RT: 13.053 min Scan# 1967

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

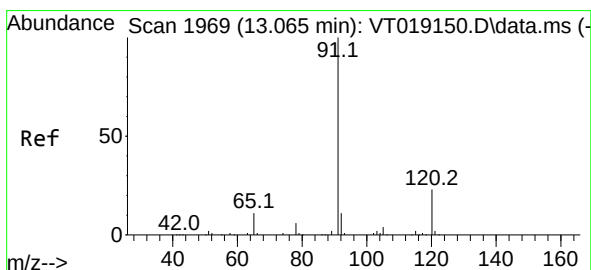
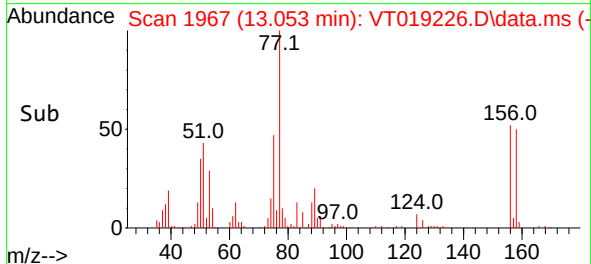
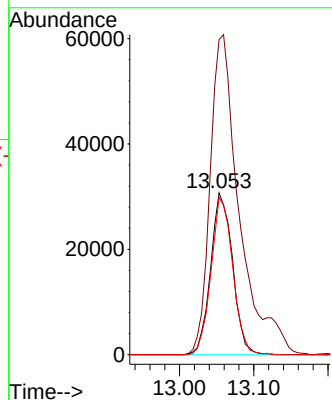
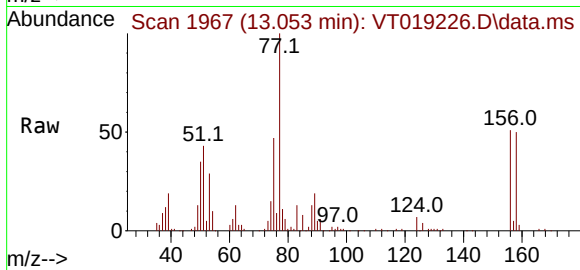
Tgt Ion:156 Resp: 62909

Ion Ratio Lower Upper

156 100

77 264.3 113.1 339.3

158 96.1 48.0 144.0



#78

n-propylbenzene

Concen: 41.461 ug/l

RT: 13.124 min Scan# 1979

Delta R.T. 0.053 min

Lab File: VT019226.D

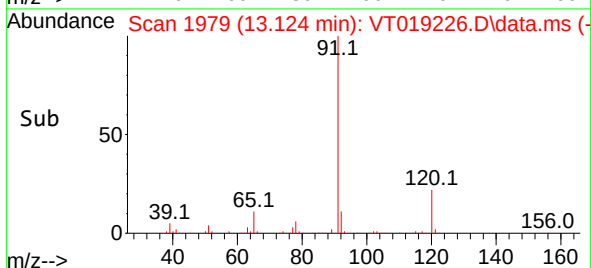
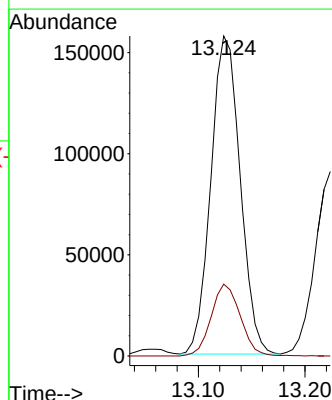
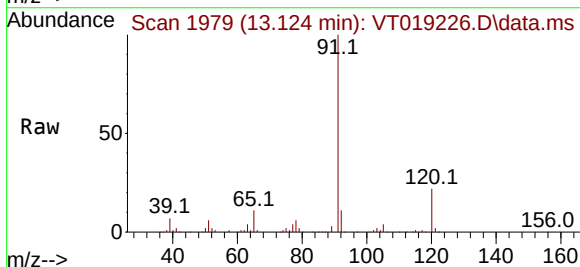
Acq: 31 Oct 2025 13:40

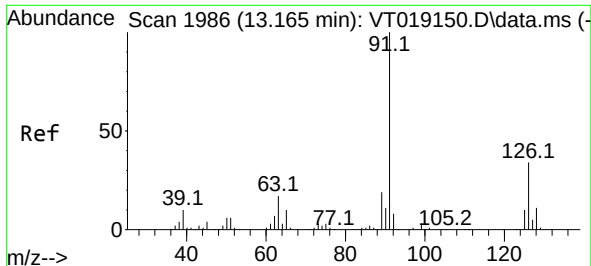
Tgt Ion: 91 Resp: 299880

Ion Ratio Lower Upper

91 100

120 22.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 45.180 ug/l

RT: 13.224 min Scan# 1986

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

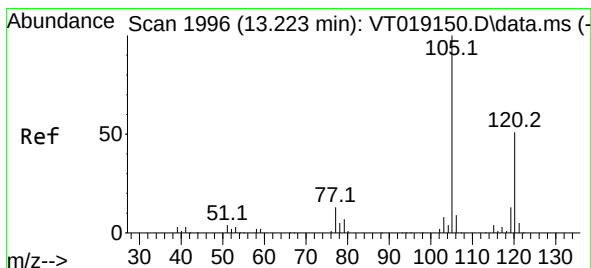
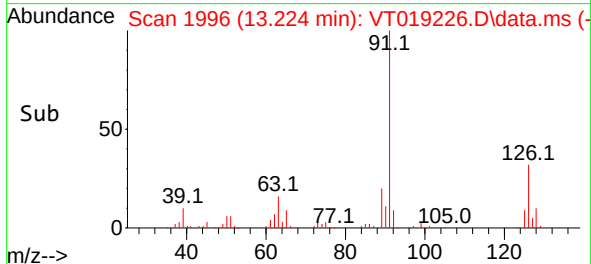
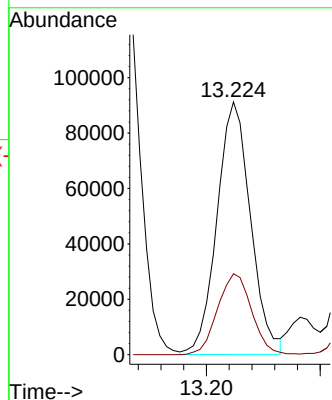
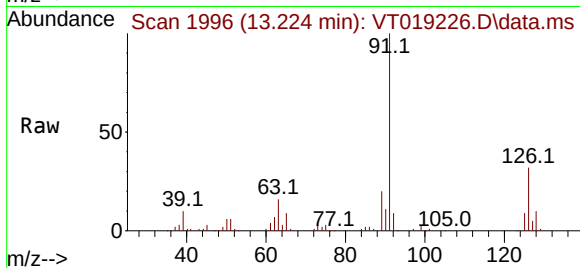
VSTDCCC050EC

Tgt Ion: 91 Resp: 187211

Ion Ratio Lower Upper

91 100

126 32.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 43.687 ug/l

RT: 13.282 min Scan# 2006

Delta R.T. 0.053 min

Lab File: VT019226.D

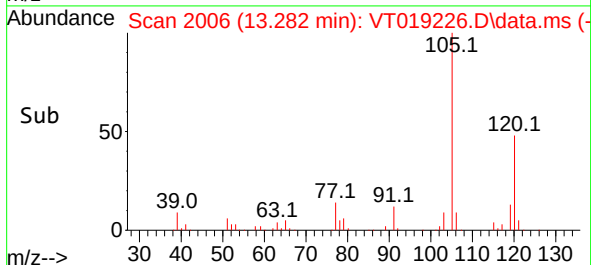
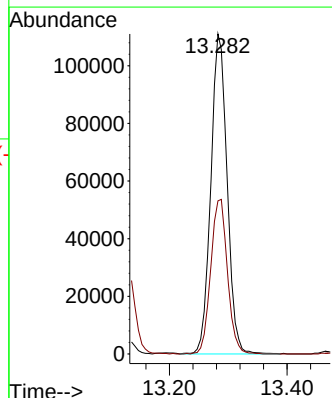
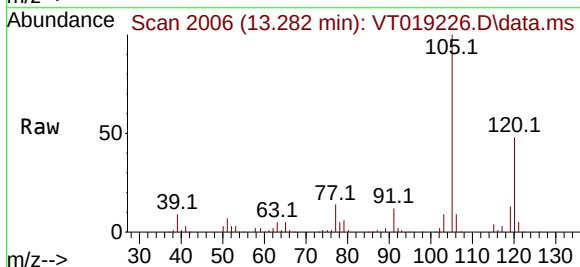
Acq: 31 Oct 2025 13:40

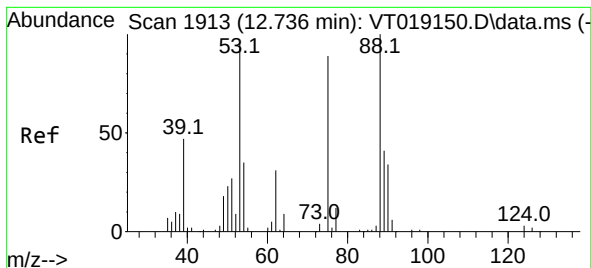
Tgt Ion:105 Resp: 213624

Ion Ratio Lower Upper

105 100

120 49.5 25.5 76.5

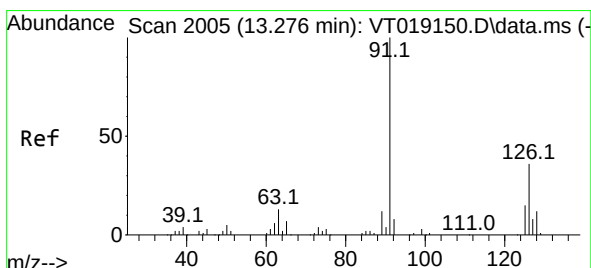
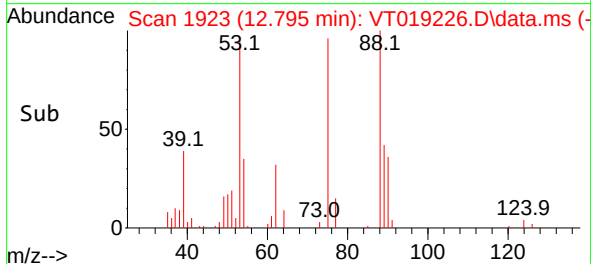
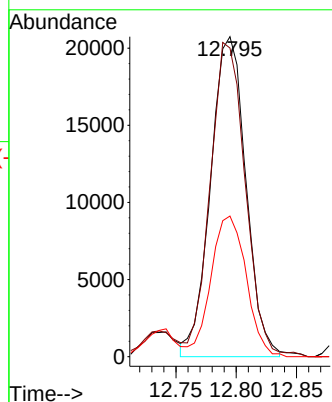
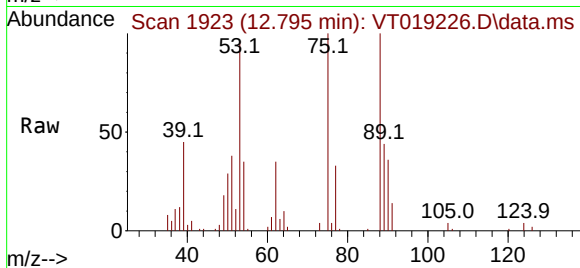




#81
trans-1,4-Dichloro-2-butene
Concen: 54.352 ug/l m
RT: 12.795 min Scan# 1913
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

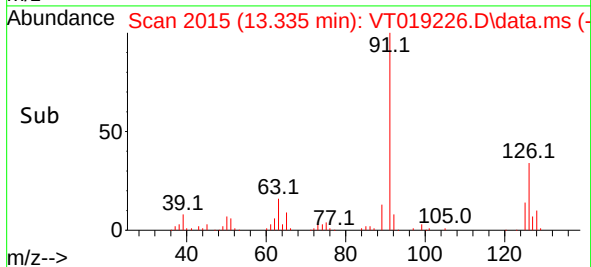
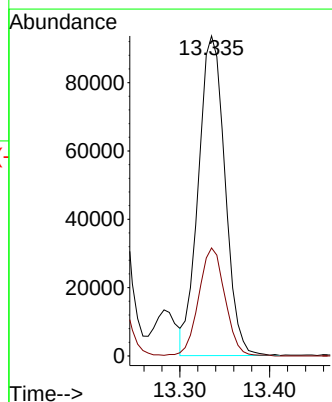
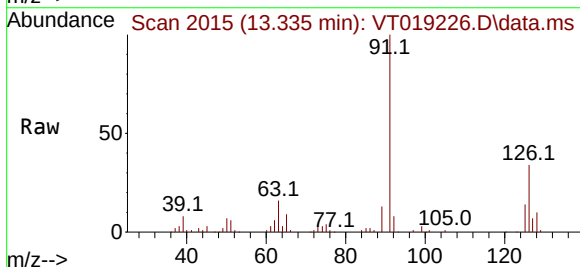
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

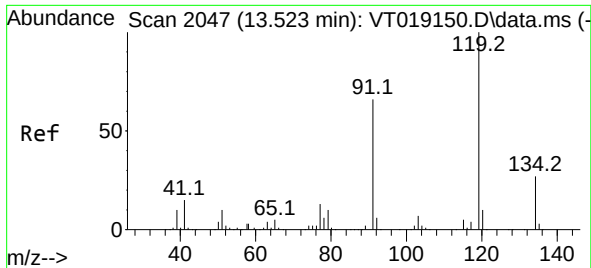
Tgt Ion: 75 Resp: 42155
Ion Ratio Lower Upper
75 100
53 8.3 86.0 129.0#
89 7.7 36.3 54.5#



#82
4-Chlorotoluene
Concen: 45.546 ug/l
RT: 13.335 min Scan# 2015
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 91 Resp: 192051
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7

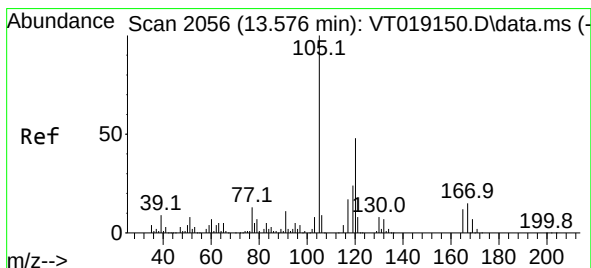
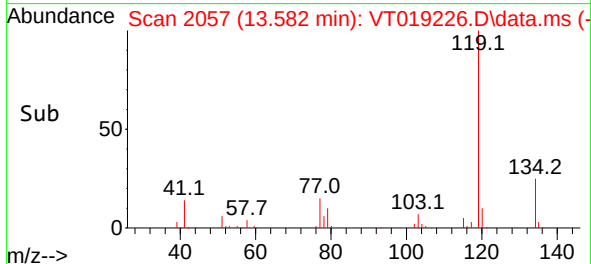
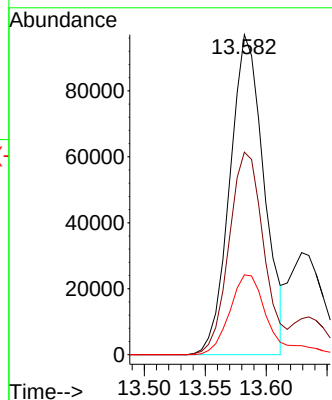
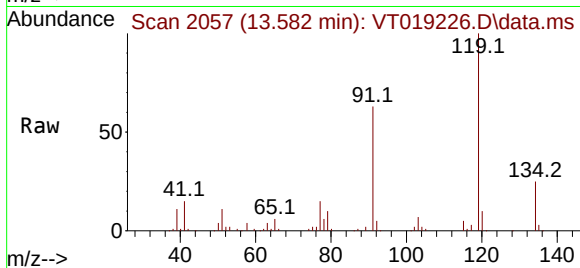




#83
tert-Butylbenzene
Concen: 41.881 ug/l
RT: 13.582 min Scan# 2047
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

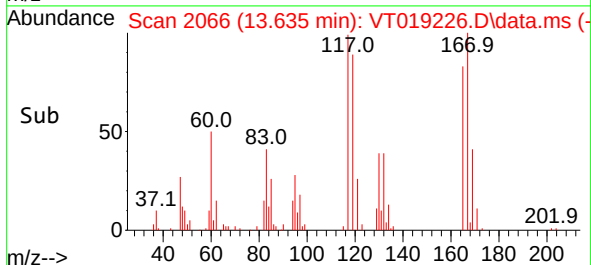
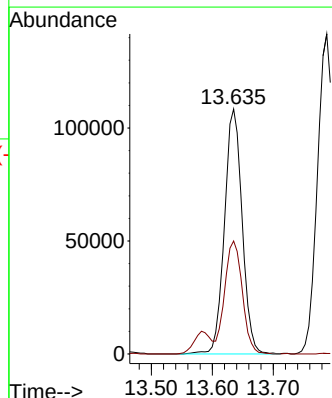
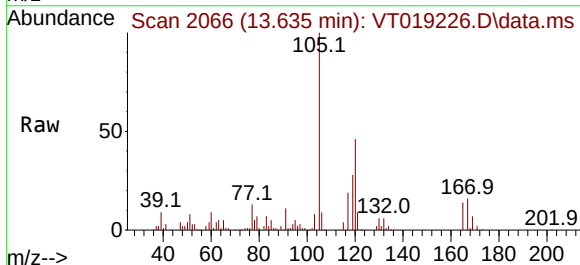
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

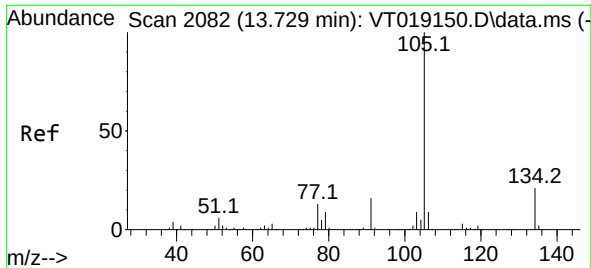
Tgt Ion:119 Resp: 189552
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.6
134 28.1 14.8 44.3



#84
1,2,4-Trimethylbenzene
Concen: 43.978 ug/l
RT: 13.635 min Scan# 2066
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:105 Resp: 218403
Ion Ratio Lower Upper
105 100
120 46.4 23.7 71.1

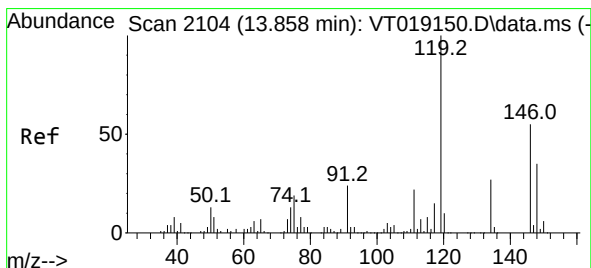
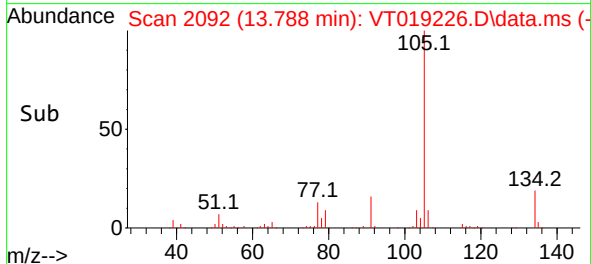
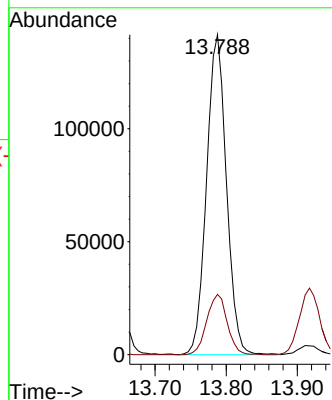
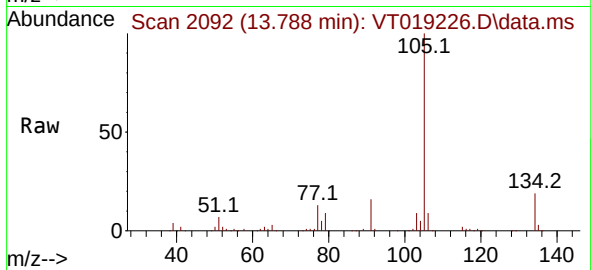




#85
 sec-Butylbenzene
 Concen: 41.500 ug/l
 RT: 13.788 min Scan# 2082
 Delta R.T. 0.059 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

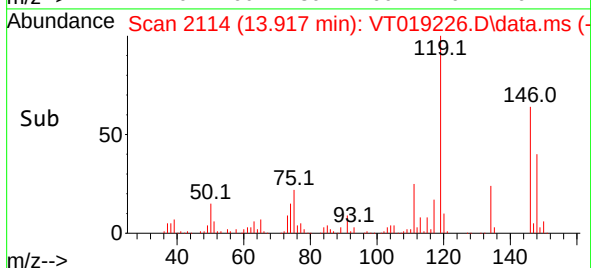
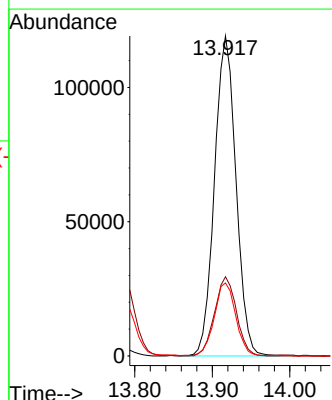
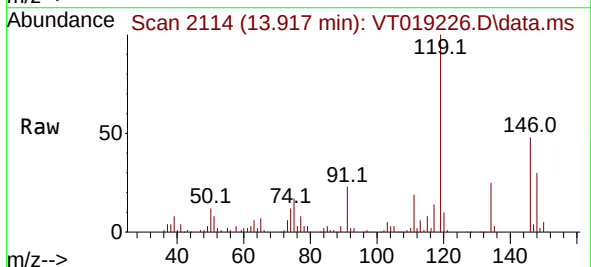
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

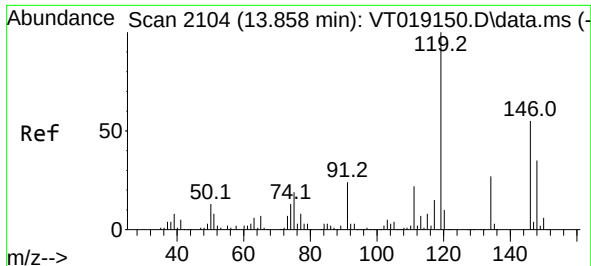
Tgt Ion:105 Resp: 275500
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 41.399 ug/l
 RT: 13.917 min Scan# 2114
 Delta R.T. 0.053 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

Tgt Ion:119 Resp: 229463
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.4 40.1
 91 22.4 11.7 35.1

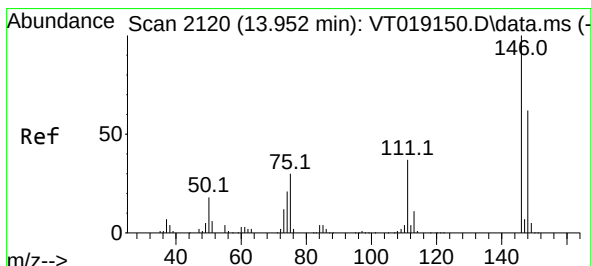
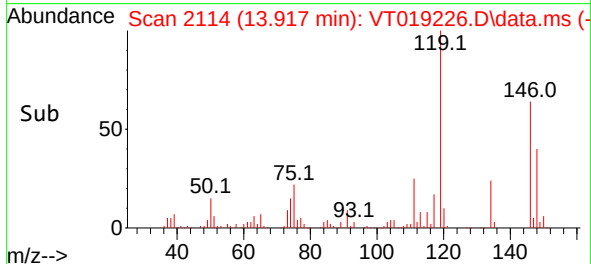
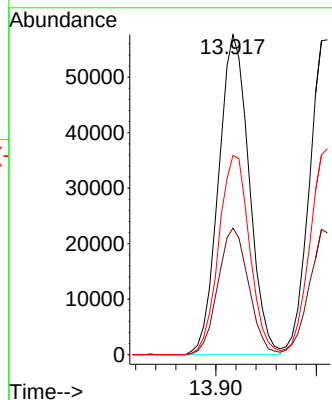
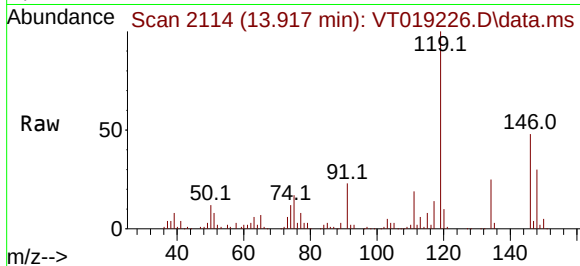




#87
1,3-Dichlorobenzene
Concen: 46.025 ug/l
RT: 13.917 min Scan# 2114
Delta R.T. 0.053 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

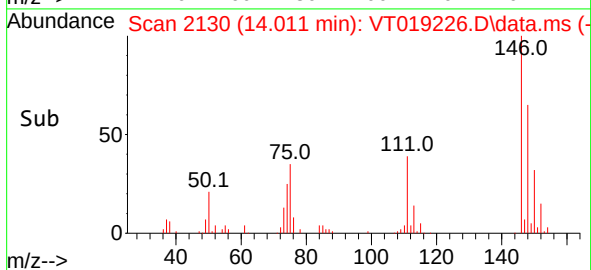
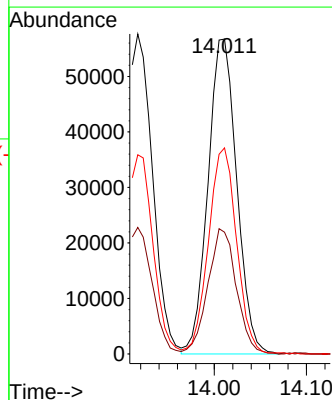
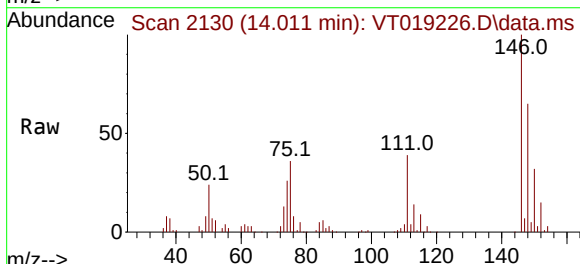
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

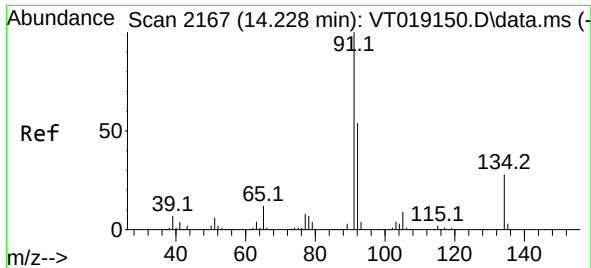
Tgt Ion:146 Resp: 121975
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 62.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 46.101 ug/l m
RT: 14.011 min Scan# 2130
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:146 Resp: 123072
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.8
148 62.4 31.8 95.4





#89

n-Butylbenzene

Concen: 41.150 ug/l

RT: 14.287 min Scan# 2167

Delta R.T. 0.053 min

Lab File: VT019226.D

Acq: 31 Oct 2025 13:40

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050EC

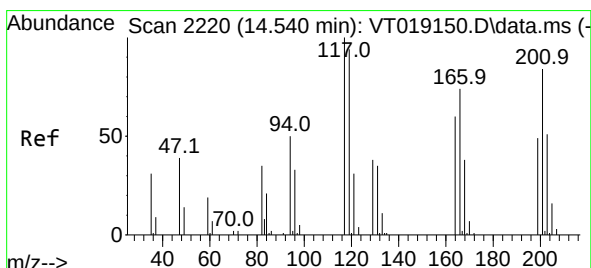
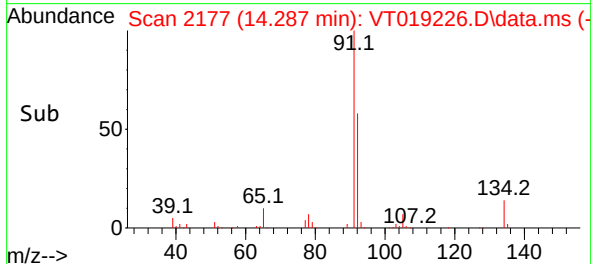
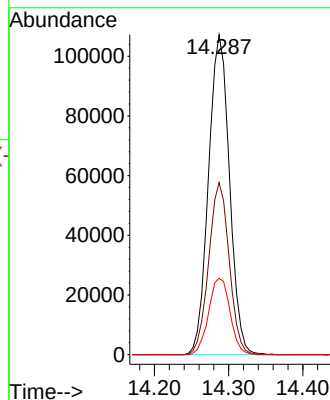
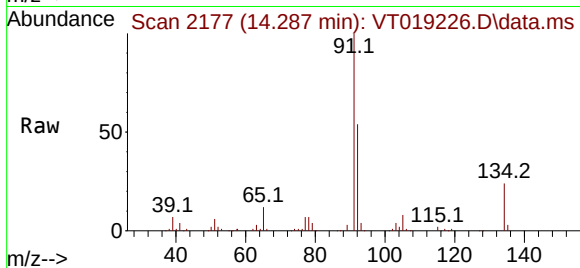
Tgt Ion: 91 Resp: 210678

Ion Ratio Lower Upper

91 100

92 52.5 27.1 81.2

134 24.4 13.7 41.0



#90

Hexachloroethane

Concen: 43.885 ug/l

RT: 14.599 min Scan# 2230

Delta R.T. 0.059 min

Lab File: VT019226.D

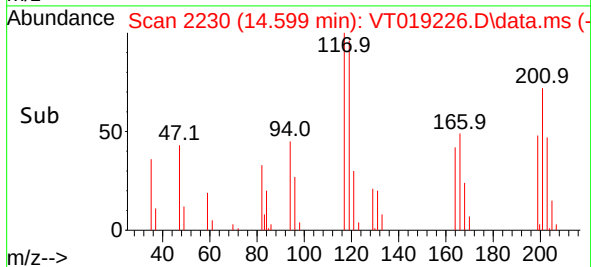
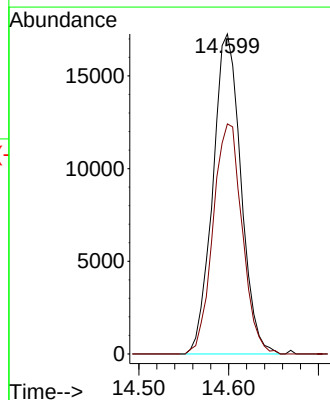
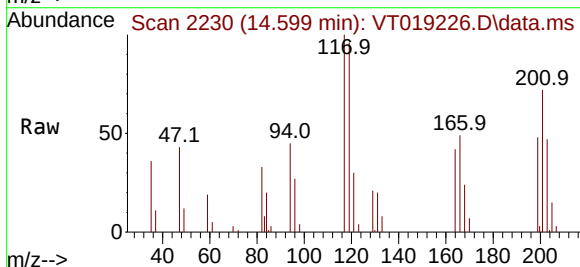
Acq: 31 Oct 2025 13:40

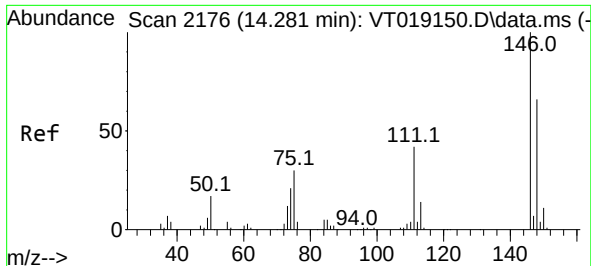
Tgt Ion: 117 Resp: 37527

Ion Ratio Lower Upper

117 100

201 74.5 39.7 119.1

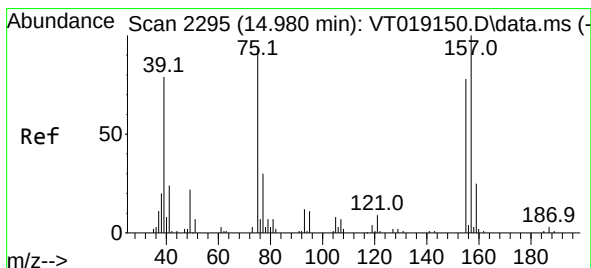
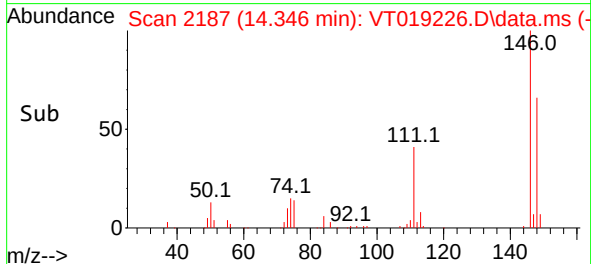
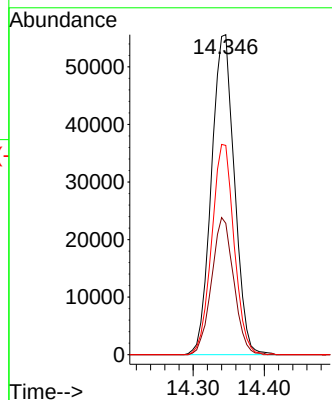
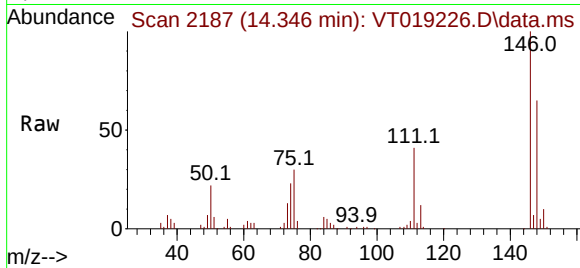




#91
1,2-Dichlorobenzene
Concen: 48.081 ug/l
RT: 14.346 min Scan# 2176
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

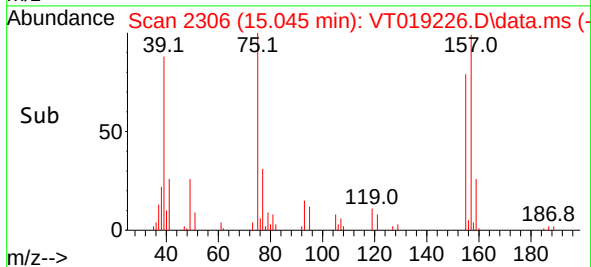
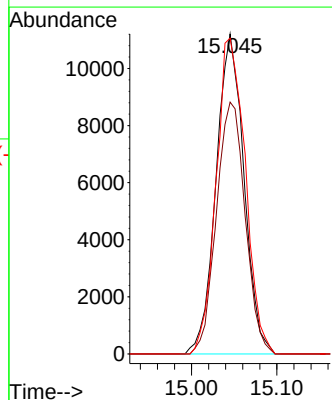
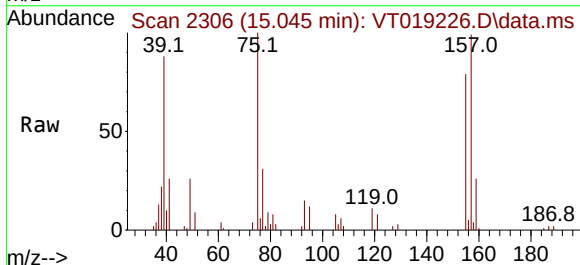
Instrument :
MSVOA_T
ClientSampleId :
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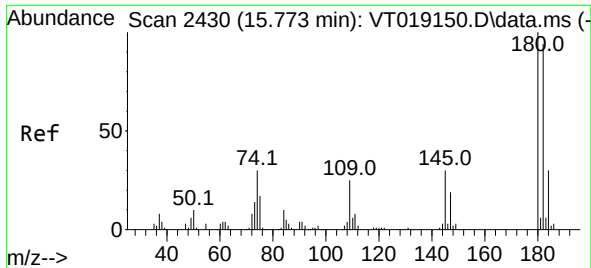
Tgt Ion:146 Resp: 124833
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.4
148 64.0 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.485 ug/l
RT: 15.045 min Scan# 2306
Delta R.T. 0.059 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion: 75 Resp: 25411
Ion Ratio Lower Upper
75 100
155 81.2 42.9 128.7
157 103.0 54.9 164.8

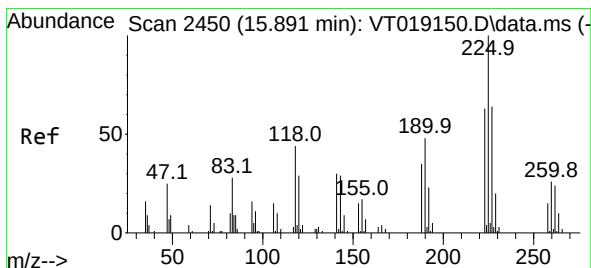
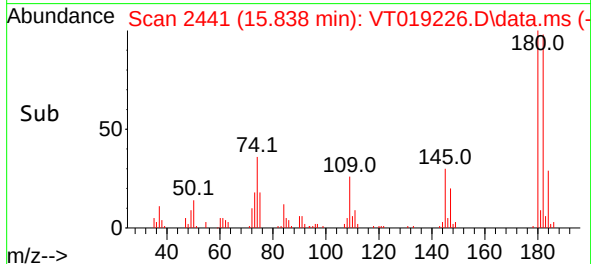
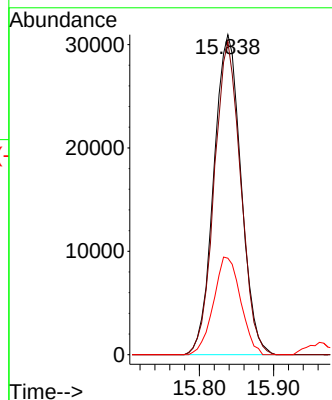
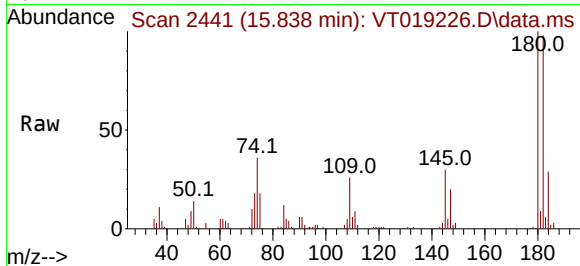




#93
 1,2,4-Trichlorobenzene
 Concen: 47.153 ug/l
 RT: 15.838 min Scan# 2441
 Delta R.T. 0.065 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

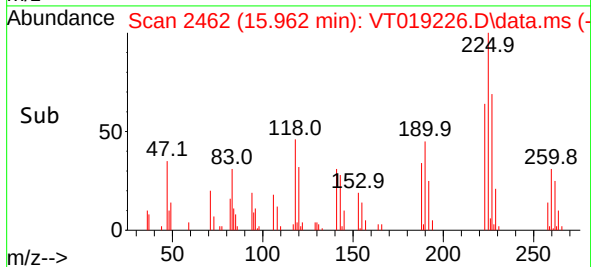
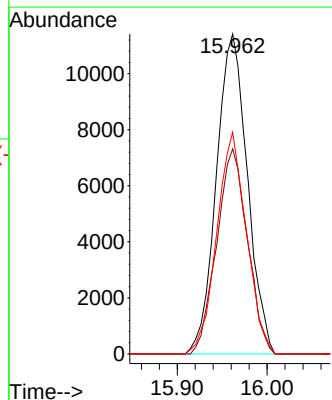
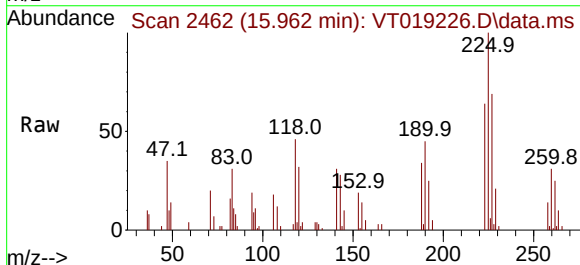
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

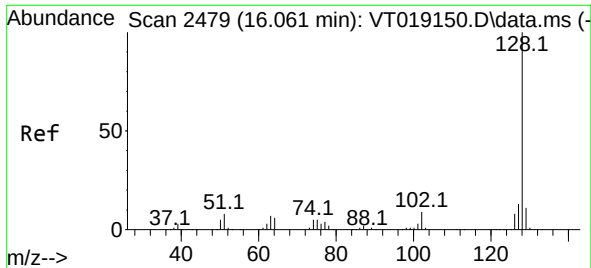
Tgt Ion:180 Resp: 78737
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 30.4 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 39.745 ug/l
 RT: 15.962 min Scan# 2462
 Delta R.T. 0.065 min
 Lab File: VT019226.D
 Acq: 31 Oct 2025 13:40

Tgt Ion:225 Resp: 27373
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.5
 227 66.3 31.9 95.9

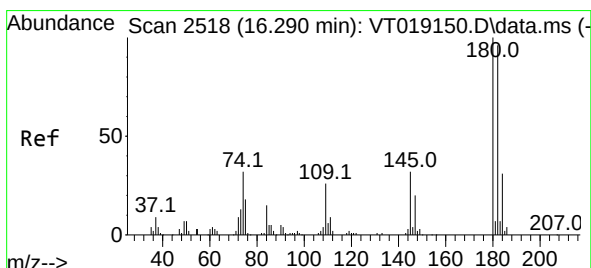
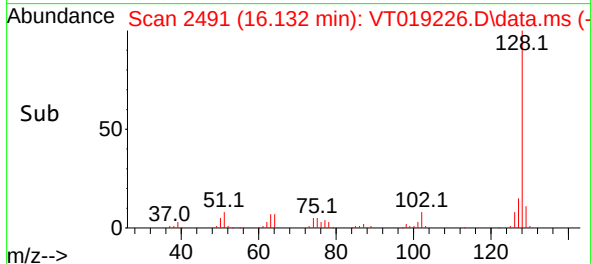
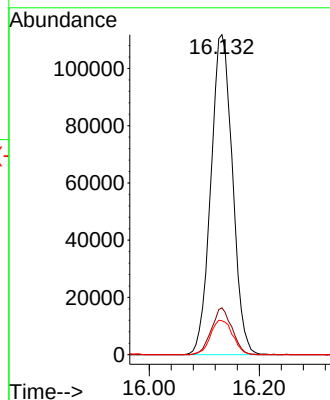
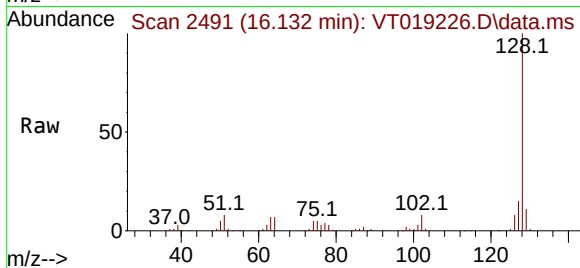




#95
Naphthalene
Concen: 52.159 ug/l
RT: 16.132 min Scan# 2479
Delta R.T. 0.071 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 304965
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.307 ug/l
RT: 16.367 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VT019226.D
Acq: 31 Oct 2025 13:40

Tgt Ion:180 Resp: 79583
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.8
145 32.3 15.8 47.4

