

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019178.D
 Acq On : 24 Oct 2025 14:42
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL03

Quant Time: Oct 25 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.048	128	23610	30.000	ug/l	#-0.03
28) 1,4-Difluorobenzene	8.552	114	153950	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	129388	30.000	ug/l	-0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	62041	29.993	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.967%
60) 4-Bromofluorobenzene	12.859	95	58664	28.848	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.167%
63) Toluene-d8	10.232	98	186219	29.570	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	748	1.154	ug/l	90
3) Chloromethane	2.112	50	892	0.600	ug/l #	78
4) Vinyl Chloride	2.195	62	3450	2.076	ug/l	90
5) Bromomethane	2.530	94	1582	1.146	ug/l	97
6) Chloroethane	2.676	64	3274	2.233	ug/l	97
7) Trichlorofluoromethane	2.976	101	6151	2.282	ug/l	97
8) Diethyl Ether	3.340	74	3523	2.123	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.669	101	2985	2.820	ug/l	55
10) 1,1-Dichloroethene	3.640	96	2733	2.578	ug/l #	74
11) Methyl Iodide	3.846	142	1935	1.873	ug/l #	1
12) Methyl Acetate	4.198	43	6611	1.577	ug/l	99
13) Acrolein	3.523	56	1079	7.631	ug/l #	64
14) Acrylonitrile	4.827	53	15133	11.710	ug/l	92
15) Acetone	3.728	58	8930	19.395	ug/l	76
16) Carbon Disulfide	3.946	76	5042	2.546	ug/l #	75
17) Allyl chloride	4.198	41	3801	1.508	ug/l	83
18) Methylene Chloride	4.410	84	4409	2.788	ug/l	99
19) trans-1,2-Dichloroethene	6.666	96	2420	1.484	ug/l	83
20) Diisopropyl ether	5.773	45	15010	2.340	ug/l #	73
21) 1,1-Dichloroethane	5.673	63	7003	2.336	ug/l #	82
22) cis-1,2-Dichloroethene	6.648	96	1439	0.882	ug/l #	55
23) tert-Butyl Alcohol	4.639	59	8384	14.809	ug/l #	100
24) Methyl tert-Butyl Ether	4.880	73	15021	2.358	ug/l #	69
25) Chloroform	7.236	83	6630	2.418	ug/l	99
26) Cyclohexane	7.541	56	4407	2.505	ug/l #	53
29) 1,1-Dichloropropene	7.688	75	3762	2.335	ug/l	75
30) 2-Butanone	6.678	43	28532	14.369	ug/l #	59
31) 2,2-Dichloropropane	6.654	77	5873	2.490	ug/l #	78
32) 1,1,1-Trichloroethane	7.442	97	4722	2.327	ug/l	94
33) Carbon Tetrachloride	7.665	117	2506	1.927	ug/l #	78
34) Benzene	7.953	78	13846	2.320	ug/l #	1
35) Methacrylonitrile	7.019	41	4664	2.760	ug/l	93
36) 1,2-Dichloroethane	8.047	62	5447	2.462	ug/l #	82
37) Trichloroethene	8.822	130	2720	2.477	ug/l	87
38) Methylcyclohexane	9.093	83	3987	2.458	ug/l #	62
39) 1,2-Dichloropropane	9.140	63	3679	2.354	ug/l #	66
40) Dibromomethane	9.234	93	2185	2.267	ug/l #	76
41) Bromodichloromethane	10.767	83	3154	2.548	ug/l #	93
42) Vinyl Acetate	5.720	43	59310	12.174	ug/l #	88

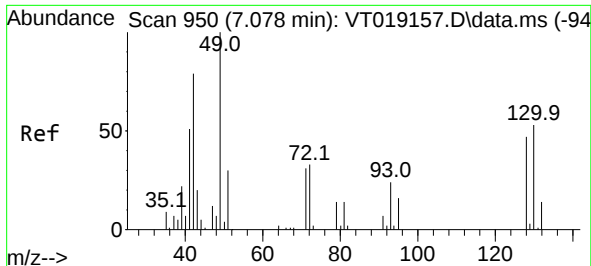
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.772	43	8427	2.582	ug/l #	71
44) Isopropyl Acetate	8.100	43	11960	2.328	ug/l	99
45) 1,4-Dioxane	9.239	88	1928	43.261	ug/l #	77
46) Methyl methacrylate	9.234	41	5172	2.252	ug/l	80
47) n-amyl Acetate	12.477	43	7880	2.279	ug/l	99
48) t-1,3-Dichloropropene	10.562	75	4978	2.216	ug/l	97
49) cis-1,3-Dichloropropene	9.945	75	5501	2.331	ug/l	97
50) 1,1,2-Trichloroethane	10.761	97	3229	2.278	ug/l #	76
51) Ethyl methacrylate	10.614	69	5953	2.241	ug/l	92
52) 1,3-Dichloropropane	10.926	76	5779	2.282	ug/l	98
53) Dibromochloromethane	11.149	129	2885	2.182	ug/l #	1
54) 1,2-Dibromoethane	11.267	107	2875	2.181	ug/l	98
55) 2-Chloroethyl vinyl ether	9.780	63	10539	13.602	ug/l	98
56) Bromoform	12.553	173	1796	2.066	ug/l #	26
58) 4-Methyl-2-Pentanone	10.109	43	35103	11.078	ug/l	100
59) 2-Hexanone	10.109	43	35103	11.078	ug/l #	81
61) Tetrachloroethene	10.838	164	1238	1.514	ug/l	95
62) Toluene	10.303	91	14072	2.428	ug/l	99
64) Chlorobenzene	11.754	112	8670	2.449	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.842	131	2700	2.342	ug/l	88
66) Ethyl Benzene	11.848	91	14517	2.305	ug/l	96
67) m/p-Xylenes	11.966	106	10470	4.472	ug/l	95
68) o-Xylene	12.348	106	5434	2.248	ug/l	99
69) Styrene	12.359	104	9724	2.241	ug/l	96
70) Isopropylbenzene	12.688	105	13992	2.360	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.970	83	5331	2.292	ug/l #	94
72) 1,2,3-Trichloropropane	13.035	75	7287	4.244	ug/l #	1
73) Bromobenzene	13.006	156	3453	2.477	ug/l	65
74) n-propylbenzene	13.082	91	16913	2.366	ug/l	97
75) 2-Chlorotoluene	13.282	91	10623	2.428	ug/l	100
76) 1,3,5-Trimethylbenzene	13.235	105	11436	2.352	ug/l	95
77) t-1,4-Dichloro-2-butene	12.741	75	1754	2.103	ug/l	69
78) 4-Chlorotoluene	13.176	91	10343	2.396	ug/l	98
79) tert-butylbenzene	13.535	119	10234	2.369	ug/l	91
80) 1,2,4-Trimethylbenzene	13.587	105	11847	2.335	ug/l	96
81) sec-Butylbenzene	13.734	105	14283	2.295	ug/l	98
82) p-Isopropyltoluene	13.864	119	12200	2.356	ug/l	94
83) 1,3-Dichlorobenzene	13.864	146	6582	2.408	ug/l	94
84) 1,4-Dichlorobenzene	13.958	146	7002	2.544	ug/l	92
85) n-Butylbenzene	14.240	91	10496	2.215	ug/l	99
86) Hexachloroethane	14.545	117	1377	1.985	ug/l #	1
87) 1,2-Dichlorobenzene	14.287	146	6741	2.468	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.986	75	894	1.750	ug/l #	66
89) 1,2,4-Trichlorobenzene	15.773	180	4105	2.469	ug/l	96
90) Hexachlorobutadiene	15.897	225	1270	2.304	ug/l	65
91) Naphthalene	16.067	128	15617	2.430	ug/l #	93
92) 1,2,3-Trichlorobenzene	16.308	180	3836	2.286	ug/l	93

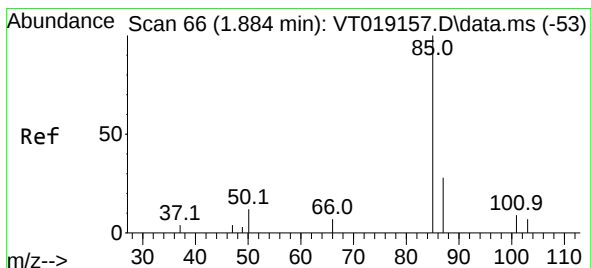
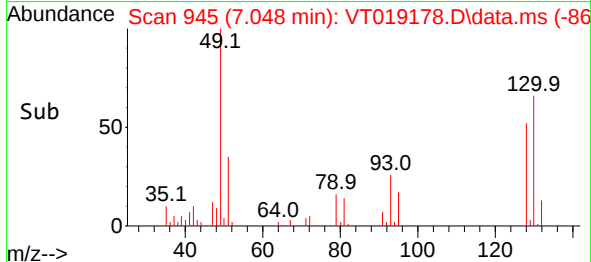
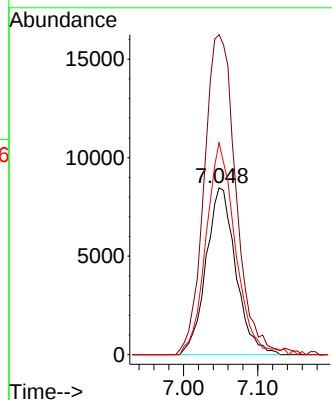
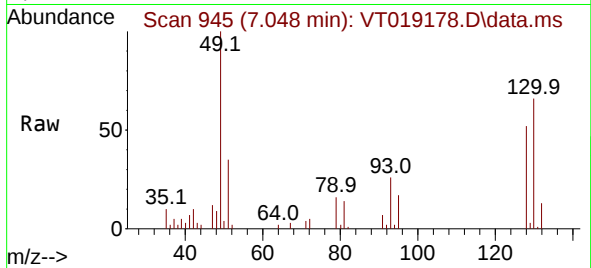
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.048 min Scan# 94
Delta R.T. -0.030 min
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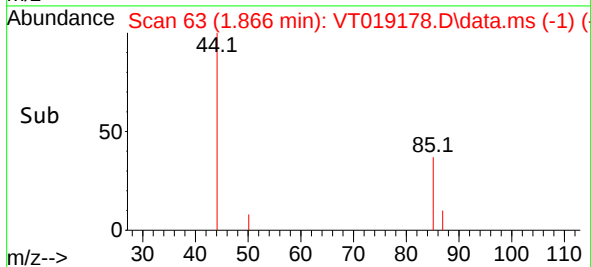
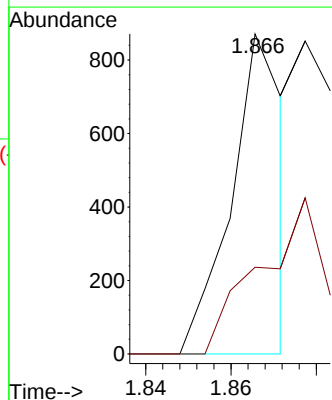
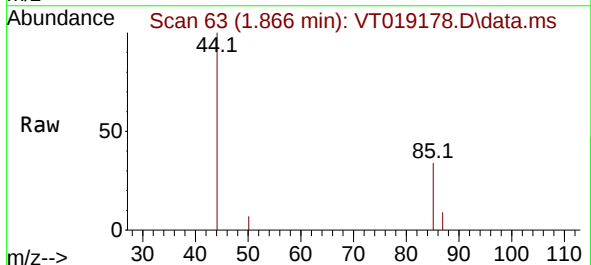
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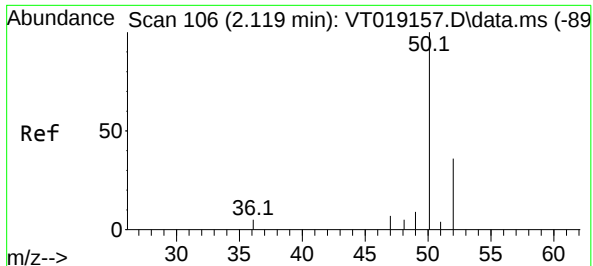
Tgt Ion:128 Resp: 23610
Ion Ratio Lower Upper
128 100
49 204.2 0.0 0.0#
130 125.3 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.154 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 85 Resp: 748
Ion Ratio Lower Upper
85 100
87 27.1 16.4 49.1

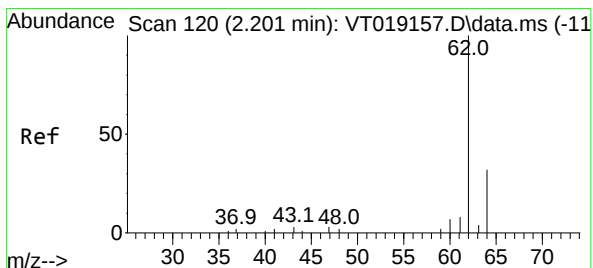
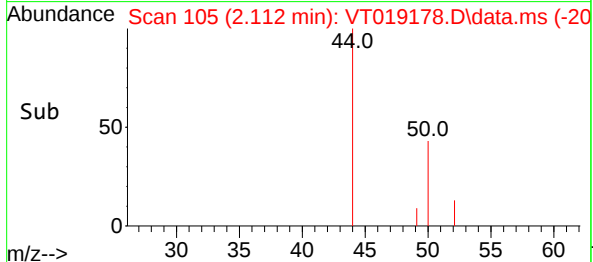
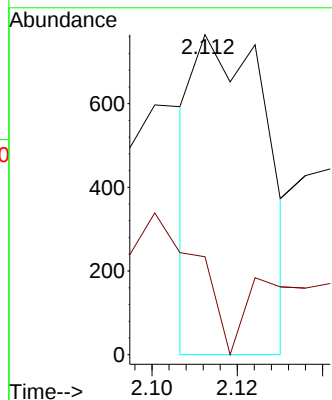
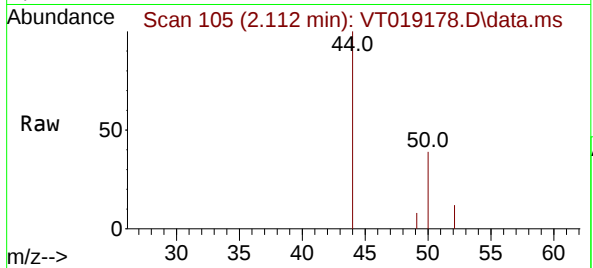




#3
Chloromethane
Concen: 0.600 ug/l
RT: 2.112 min Scan# 105
Delta R.T. -0.001 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

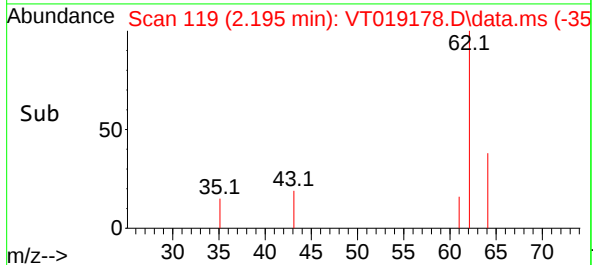
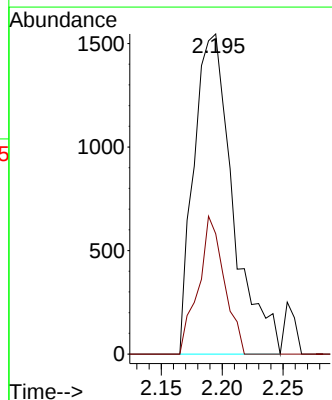
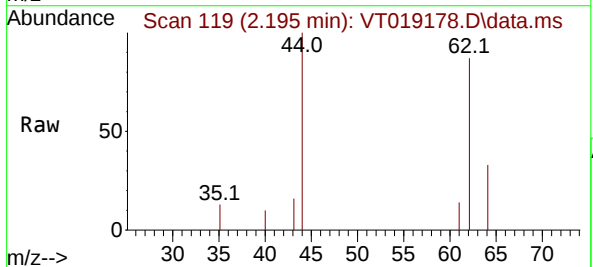
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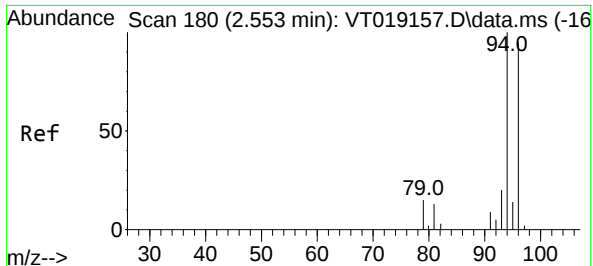
Tgt Ion: 50 Resp: 892
Ion Ratio Lower Upper
50 100
52 18.4 24.4 36.6#



#4
Vinyl Chloride
Concen: 2.076 ug/l
RT: 2.195 min Scan# 119
Delta R.T. -0.006 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 62 Resp: 3450
Ion Ratio Lower Upper
62 100
64 37.6 25.7 38.5

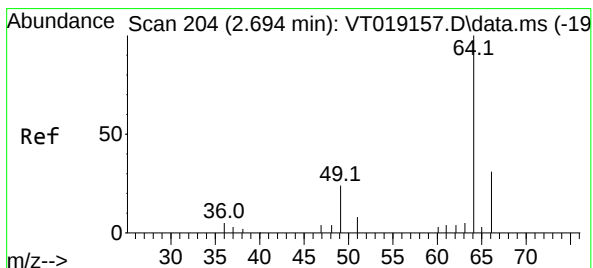
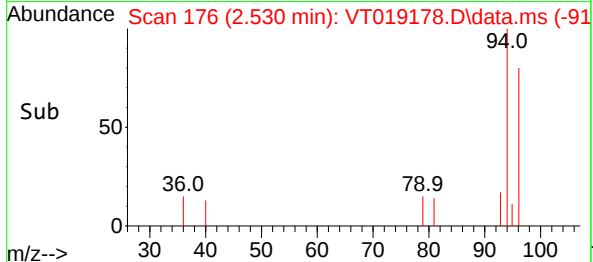
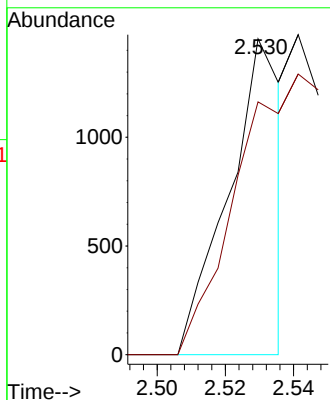
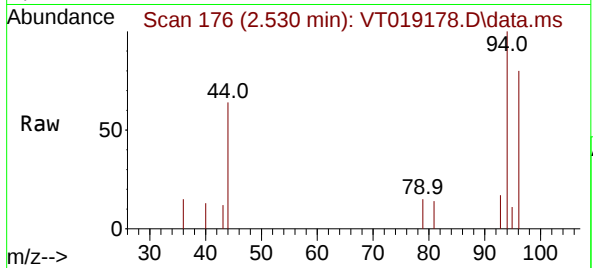




#5
Bromomethane
Concen: 1.146 ug/l
RT: 2.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

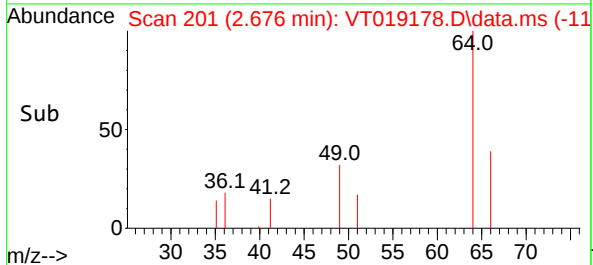
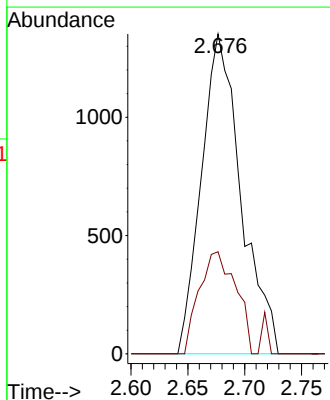
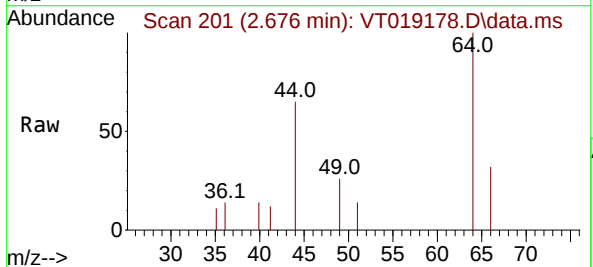
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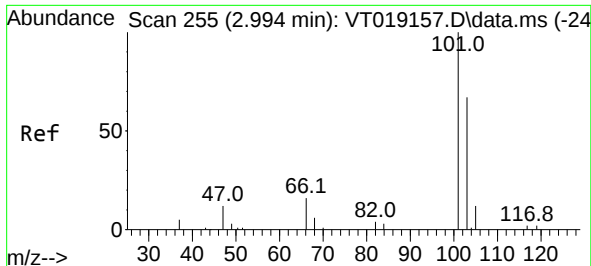
Tgt Ion: 94 Resp: 1582
Ion Ratio Lower Upper
94 100
96 80.0 66.0 99.0



#6
Chloroethane
Concen: 2.233 ug/l
RT: 2.676 min Scan# 201
Delta R.T. -0.001 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 64 Resp: 3274
Ion Ratio Lower Upper
64 100
66 32.0 24.3 36.5

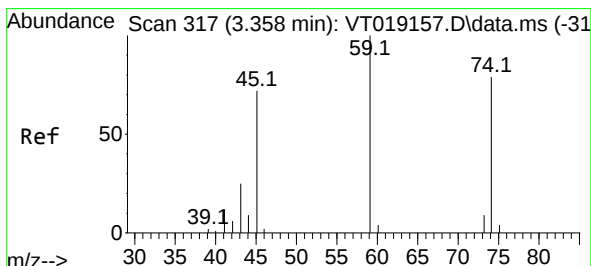
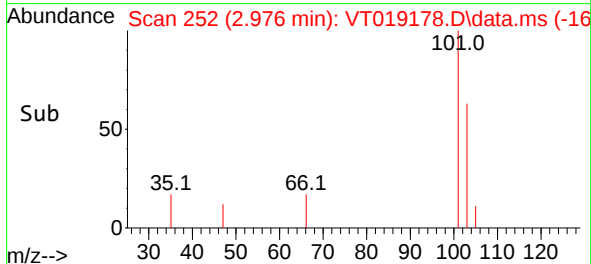
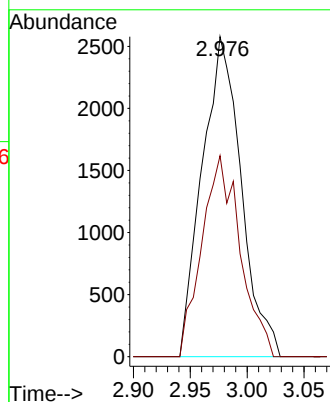
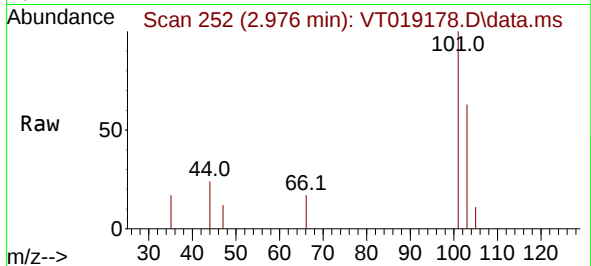




#7
 Trichlorofluoromethane
 Concen: 2.282 ug/l
 RT: 2.976 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VT019178.D
 Acq: 24 Oct 2025 14:42

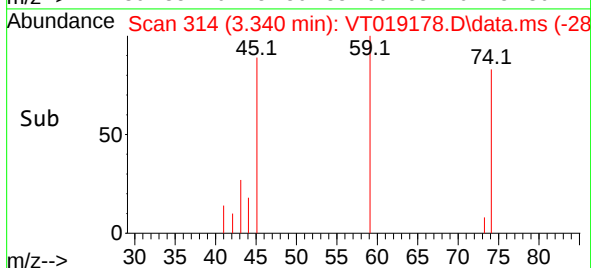
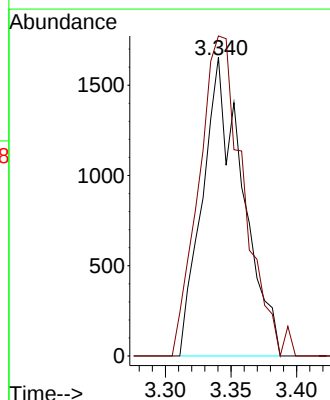
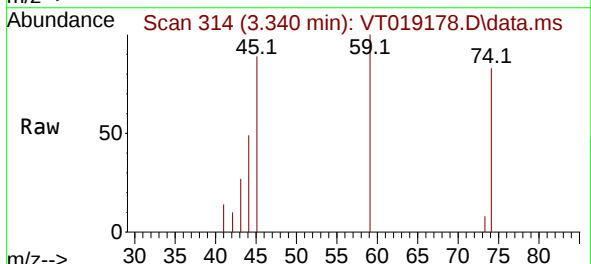
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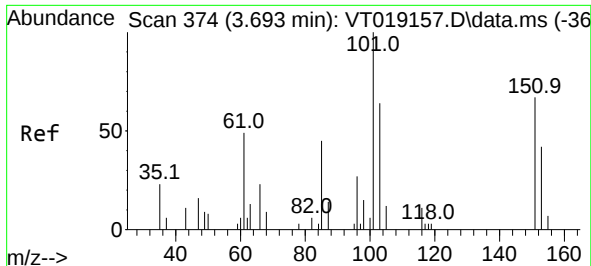
Tgt Ion:101 Resp: 6151
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.4 78.6



#8
 Diethyl Ether
 Concen: 2.123 ug/l
 RT: 3.340 min Scan# 314
 Delta R.T. -0.018 min
 Lab File: VT019178.D
 Acq: 24 Oct 2025 14:42

Tgt Ion: 74 Resp: 3523
 Ion Ratio Lower Upper
 74 100
 45 118.0 22.0 197.6

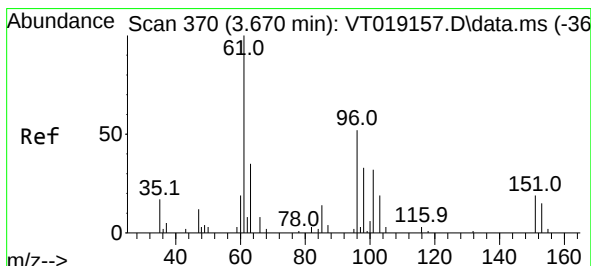
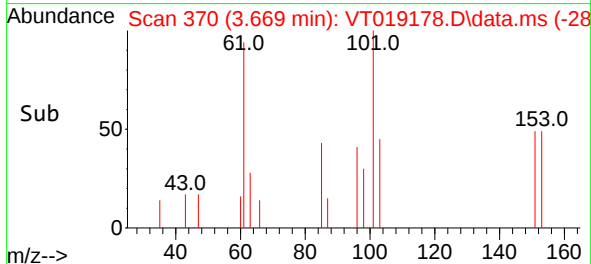
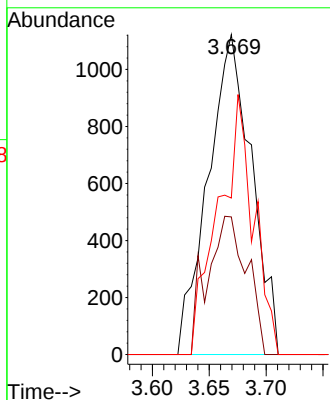
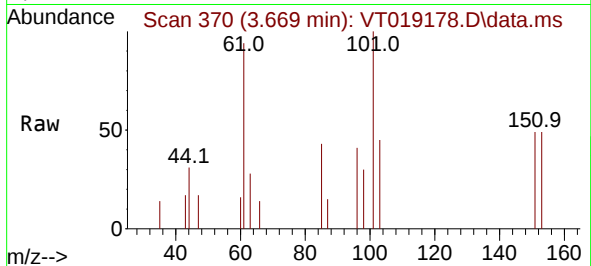




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.820 ug/l
 RT: 3.669 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VT019178.D
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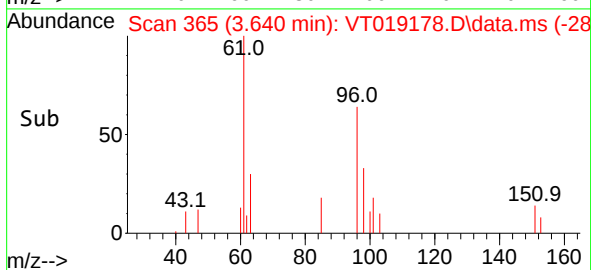
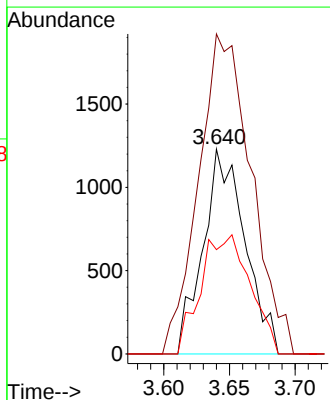
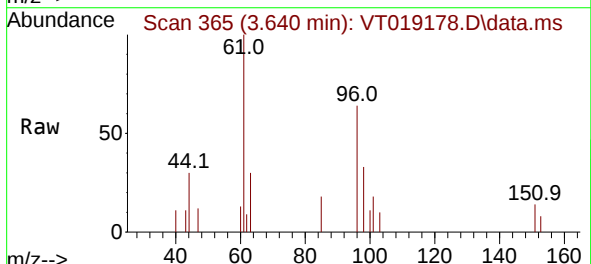
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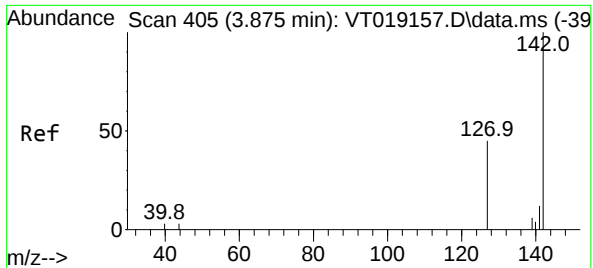
Tgt Ion:101 Resp: 2985
 Ion Ratio Lower Upper
 101 100
 85 18.1 0.0 91.8
 151 30.9 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 2.578 ug/l
 RT: 3.640 min Scan# 365
 Delta R.T. -0.030 min
 Lab File: VT019178.D
 Acq: 24 Oct 2025 14:42

Tgt Ion: 96 Resp: 2733
 Ion Ratio Lower Upper
 96 100
 61 138.5 145.5 218.3#
 98 50.9 49.5 74.3

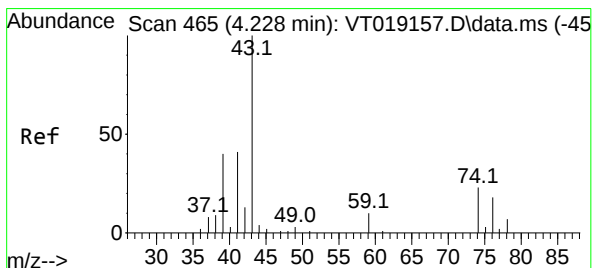
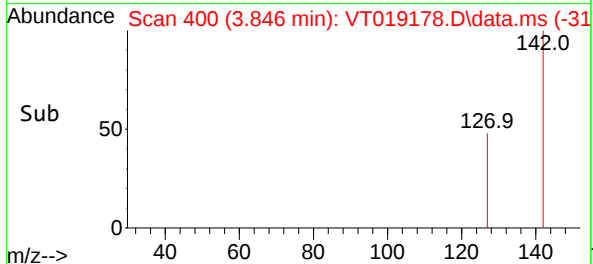
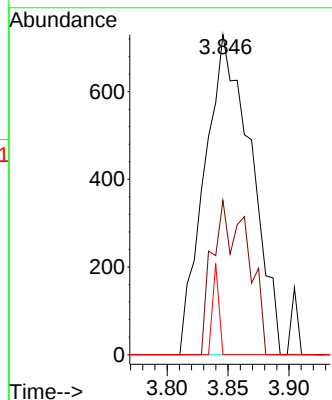
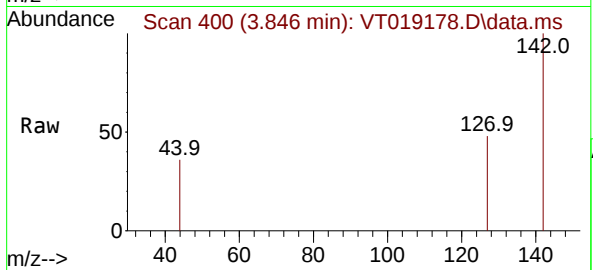




#11
Methyl Iodide
Concen: 1.873 ug/l
RT: 3.846 min Scan# 40
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

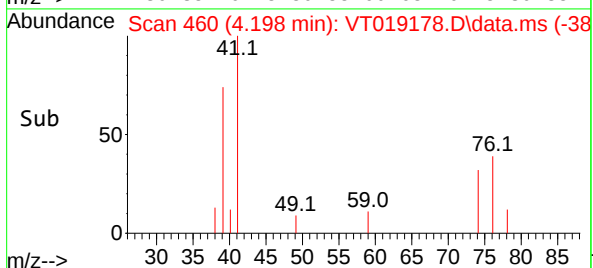
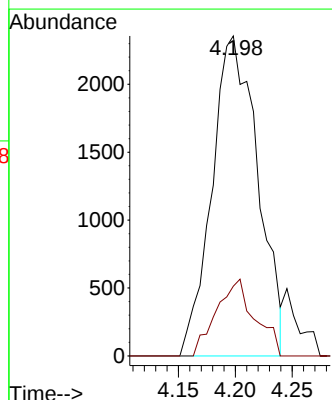
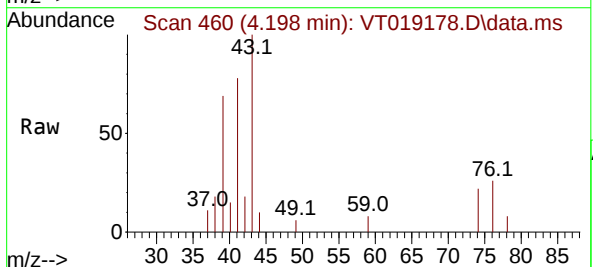
Instrument :
MSVOA_T
ClientSampleId :
MDL03

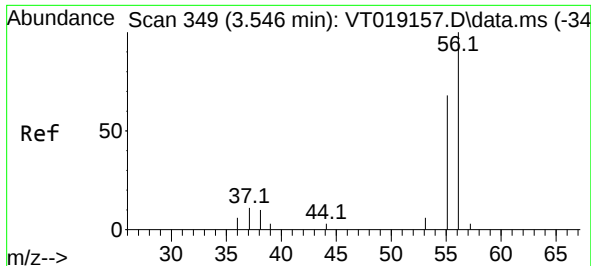
Tgt Ion:142 Resp: 1935
Ion Ratio Lower Upper
142 100
127 48.2 0.9 2.8#
141 0.0 55.5 166.5#



#12
Methyl Acetate
Concen: 1.577 ug/l
RT: 4.198 min Scan# 460
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 43 Resp: 6611
Ion Ratio Lower Upper
43 100
74 23.6 18.4 27.6





#13

Acrolein

Concen: 7.631 ug/l

RT: 3.523 min Scan# 34

Delta R.T. -0.023 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

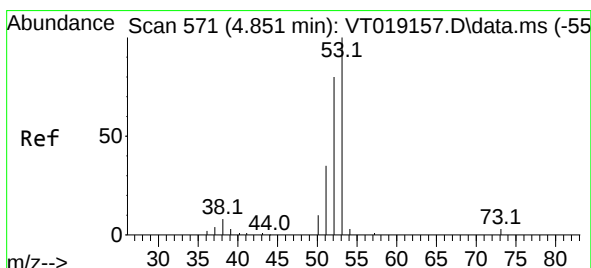
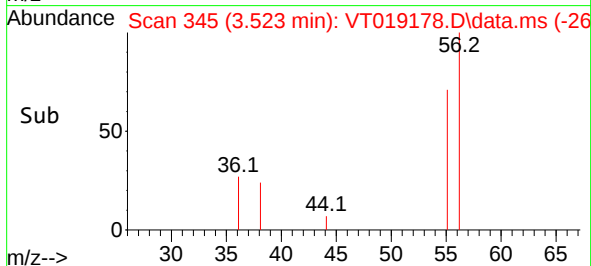
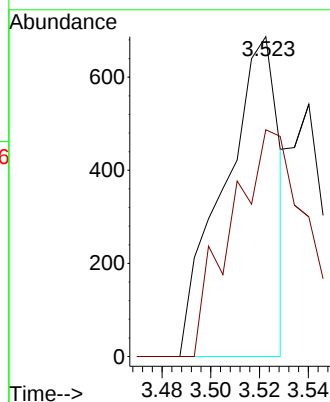
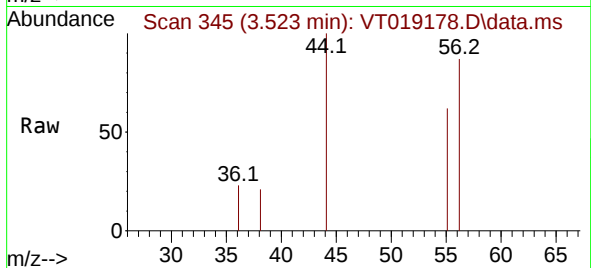
MDL03

Tgt Ion: 56 Resp: 1079

Ion Ratio Lower Upper

56 100

55 101.0 56.8 85.2#



#14

Acrylonitrile

Concen: 11.710 ug/l

RT: 4.827 min Scan# 567

Delta R.T. -0.024 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

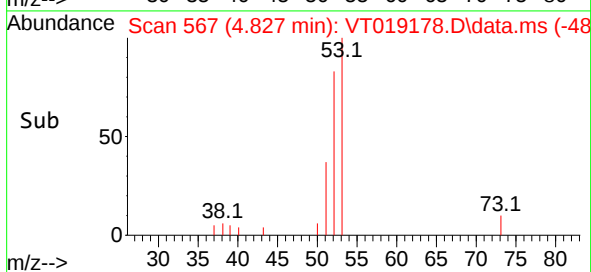
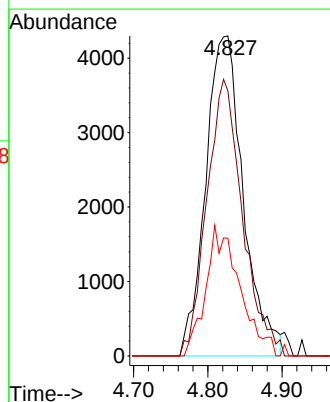
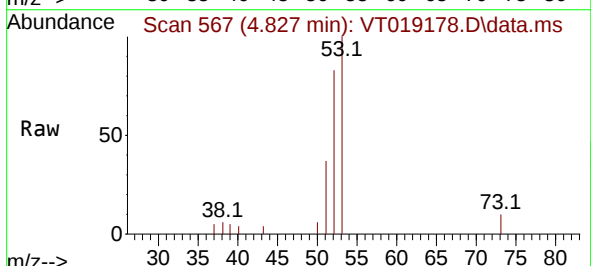
Tgt Ion: 53 Resp: 15133

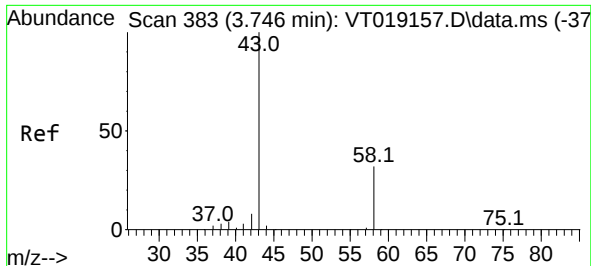
Ion Ratio Lower Upper

53 100

52 82.0 41.3 123.7

51 19.8 17.2 51.5

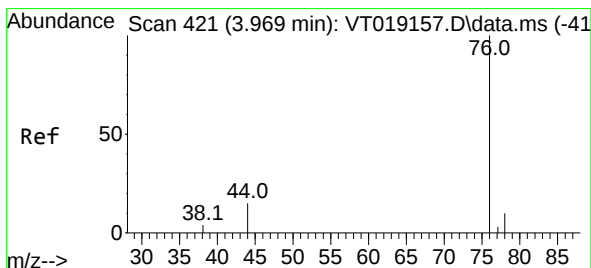
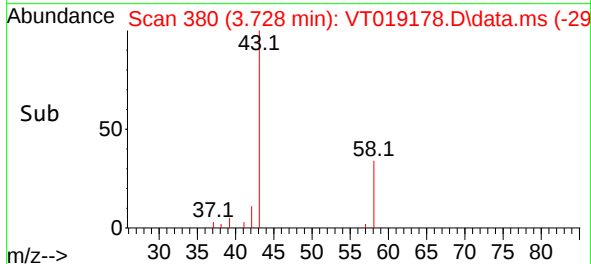
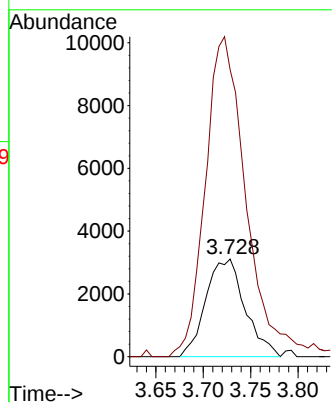
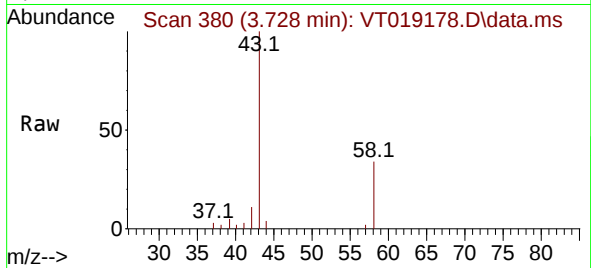




#15
Acetone
Concen: 19.395 ug/l
RT: 3.728 min Scan# 380
Delta R.T. -0.012 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

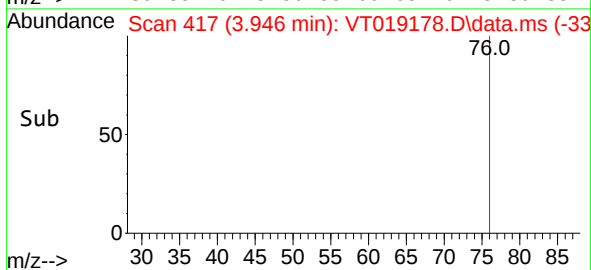
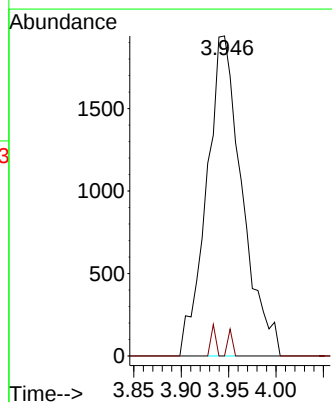
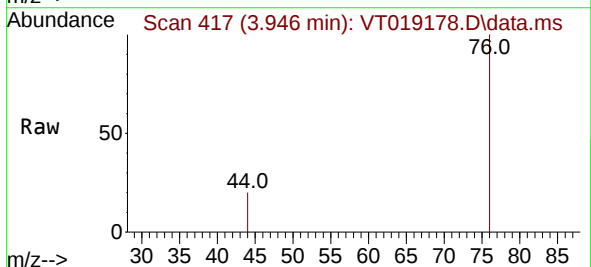
Instrument :
MSVOA_T
ClientSampleId :
MDL03

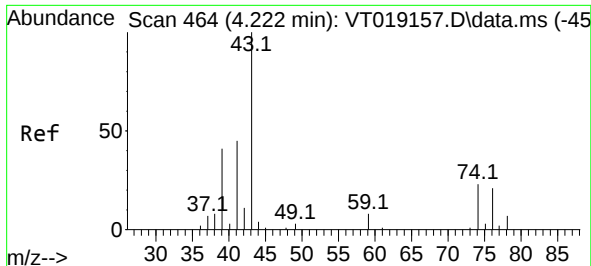
Tgt Ion: 58 Resp: 8930
Ion Ratio Lower Upper
58 100
43 283.6 266.9 400.3



#16
Carbon Disulfide
Concen: 2.546 ug/l
RT: 3.946 min Scan# 417
Delta R.T. -0.018 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 76 Resp: 5042
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#17

Allyl chloride

Concen: 1.508 ug/l

RT: 4.198 min Scan# 4

Delta R.T. -0.024 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

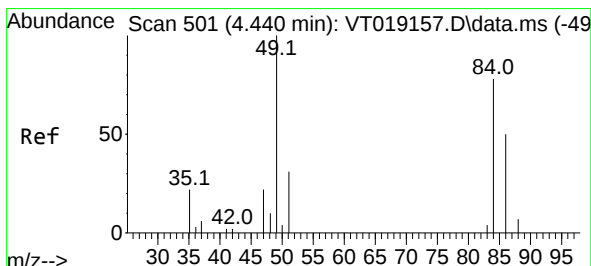
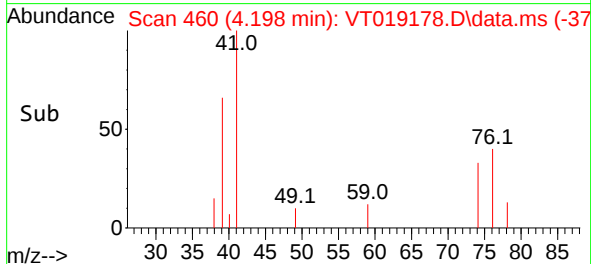
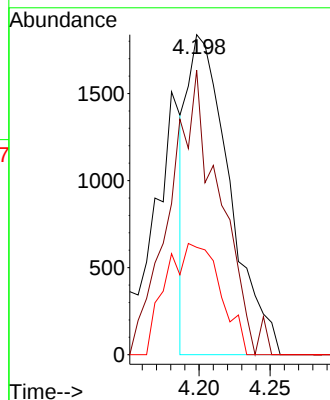
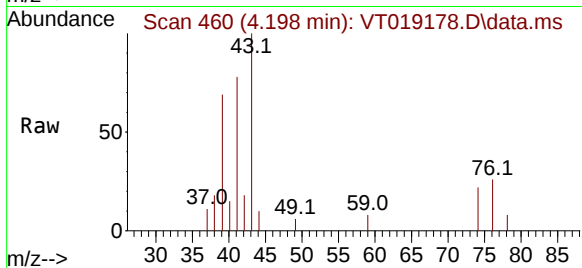
Tgt Ion: 41 Resp: 3801

Ion Ratio Lower Upper

41 100

39 88.9 34.3 102.8

76 33.6 16.7 50.0



#18

Methylene Chloride

Concen: 2.788 ug/l

RT: 4.410 min Scan# 496

Delta R.T. -0.018 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Tgt Ion: 84 Resp: 4409

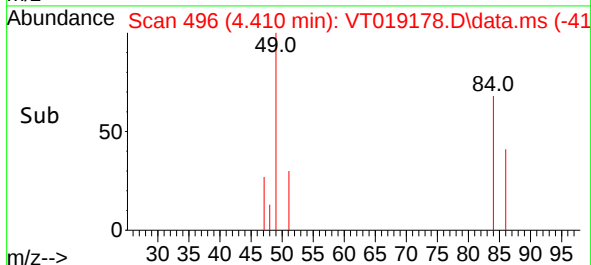
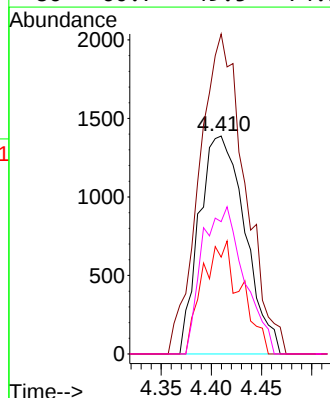
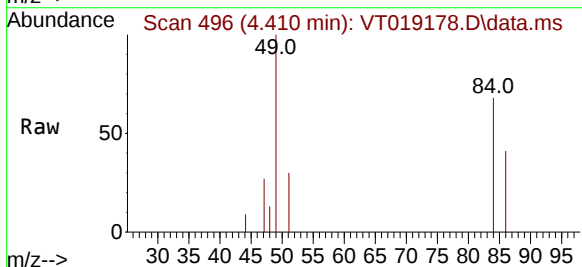
Ion Ratio Lower Upper

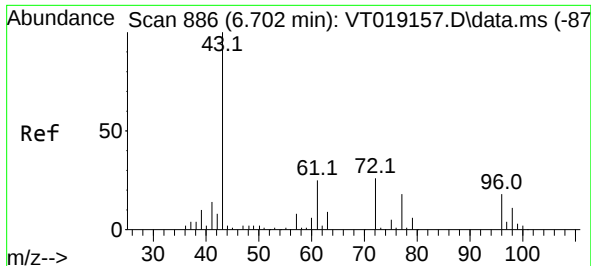
84 100

49 134.5 107.9 161.9

51 44.5 33.4 50.2

86 60.7 49.5 74.3

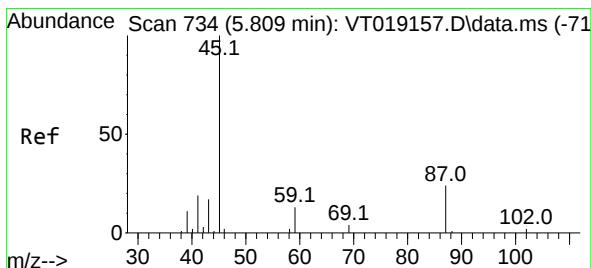
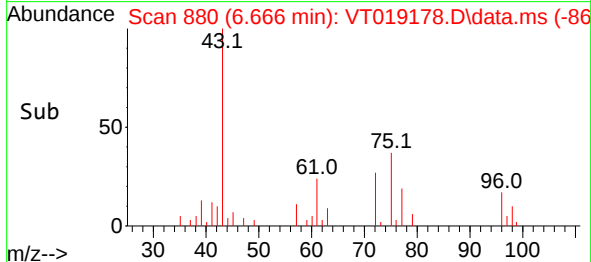
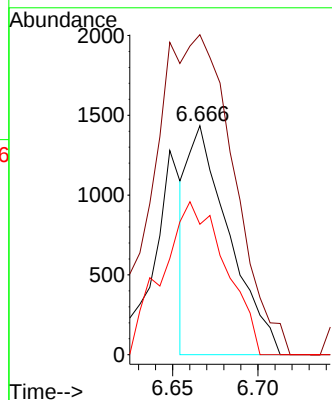
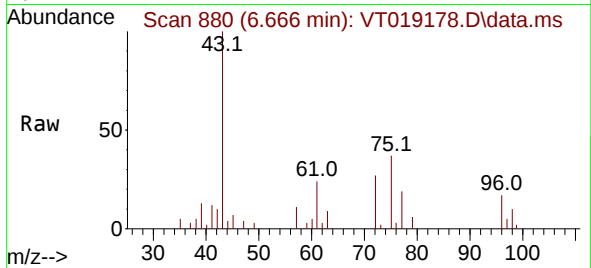




#19
trans-1,2-Dichloroethene
Concen: 1.484 ug/l
RT: 6.666 min Scan# 81
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

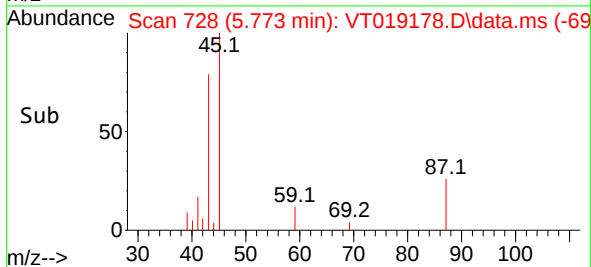
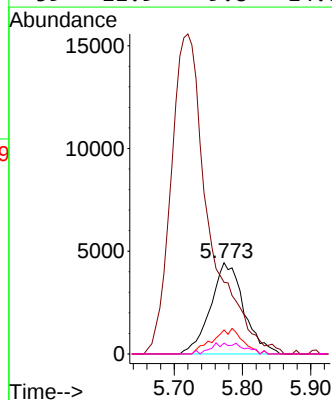
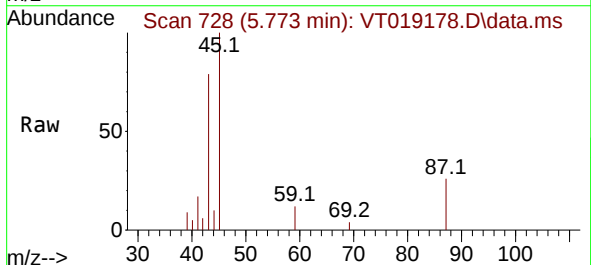
Instrument :
MSVOA_T
ClientSampleId :
MDL03

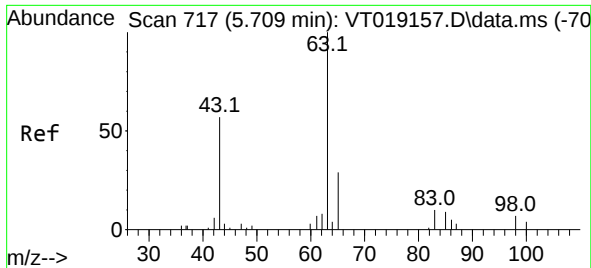
Tgt Ion: 96 Resp: 2420
Ion Ratio Lower Upper
96 100
61 126.1 122.3 183.5
98 56.9 50.2 75.2



#20
Diisopropyl ether
Concen: 2.340 ug/l
RT: 5.773 min Scan# 728
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 45 Resp: 15010
Ion Ratio Lower Upper
45 100
43 73.3 89.1 133.7#
87 26.2 21.3 31.9
59 11.9 9.8 14.8

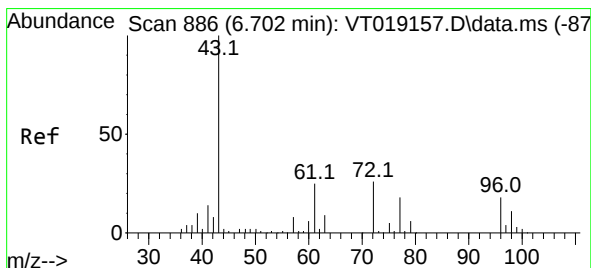
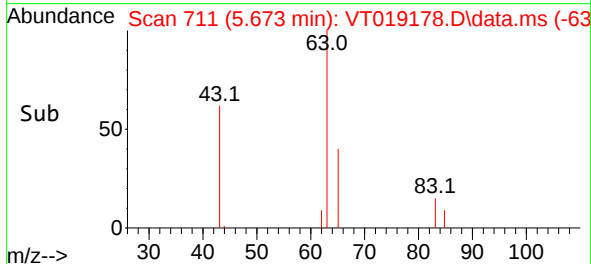
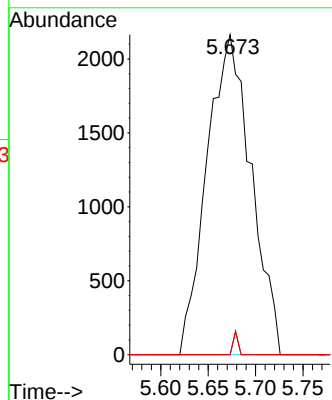
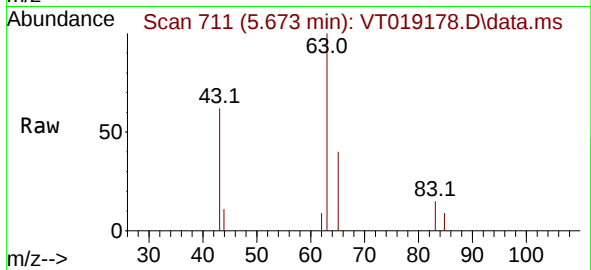




#21
1,1-Dichloroethane
Concen: 2.336 ug/l
RT: 5.673 min Scan# 717
Delta R.T. -0.036 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

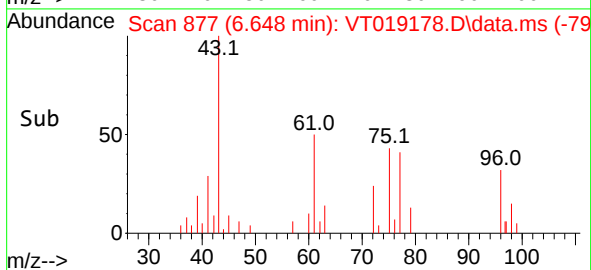
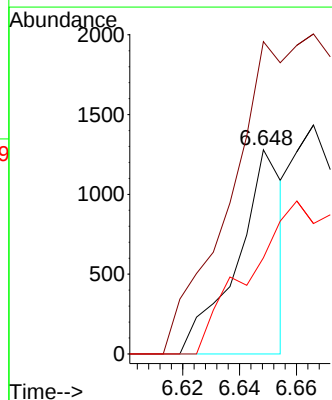
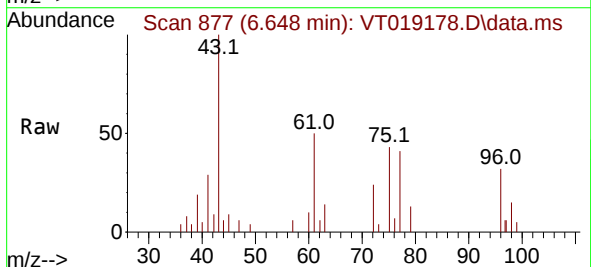
Instrument :
MSVOA_T
ClientSampleId :
MDL03

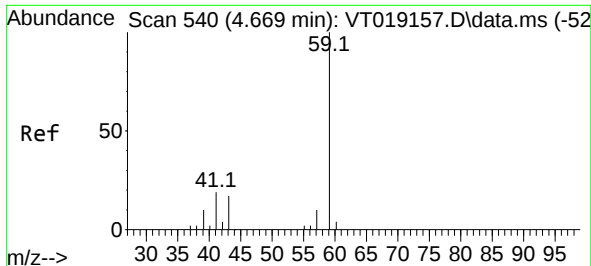
Tgt Ion: 63 Resp: 7003
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.2 6.6#



#22
cis-1,2-Dichloroethene
Concen: 0.882 ug/l
RT: 6.648 min Scan# 877
Delta R.T. -0.042 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 96 Resp: 1439
Ion Ratio Lower Upper
96 100
61 185.7 120.0 180.0#
98 0.0 52.8 79.2#

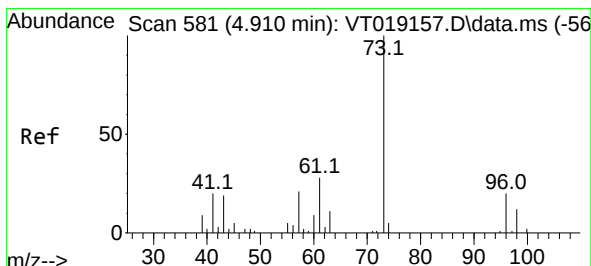
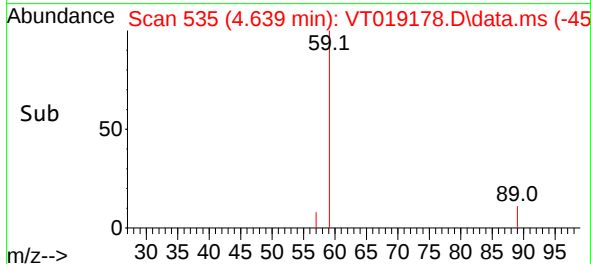
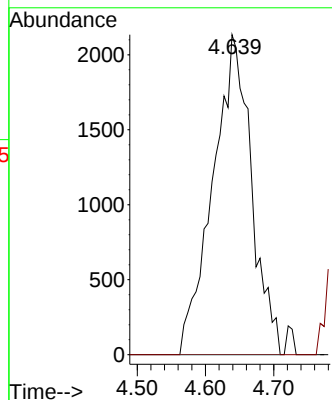
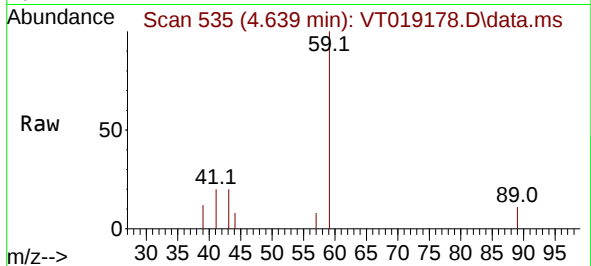




#23
tert-Butyl Alcohol
Concen: 14.809 ug/l
RT: 4.639 min Scan# 51
Delta R.T. -0.036 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

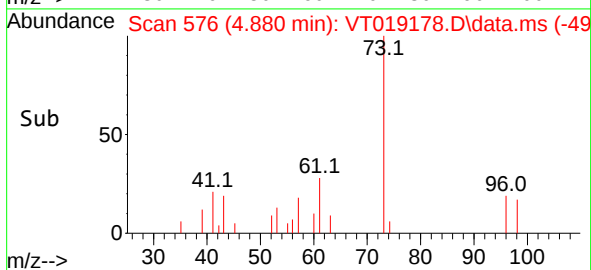
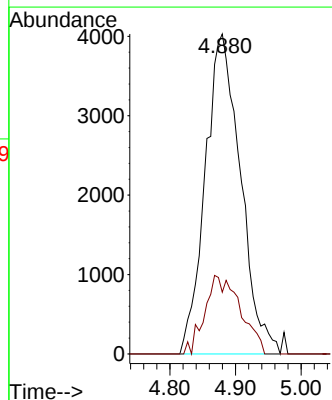
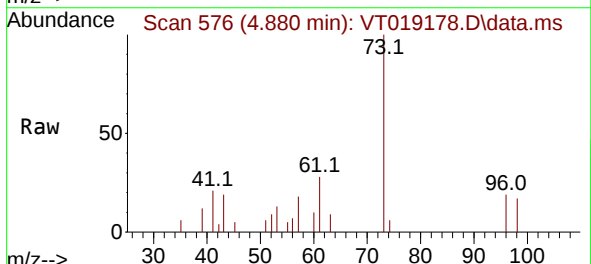
Instrument :
MSVOA_T
ClientSampleId :
MDL03

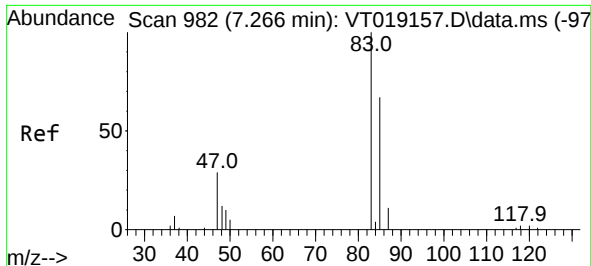
Tgt Ion: 59 Resp: 8384
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 2.358 ug/l
RT: 4.880 min Scan# 576
Delta R.T. -0.041 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 73 Resp: 15021
Ion Ratio Lower Upper
73 100
43 6.5 16.9 25.3#

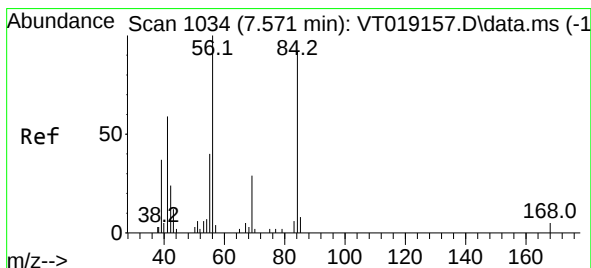
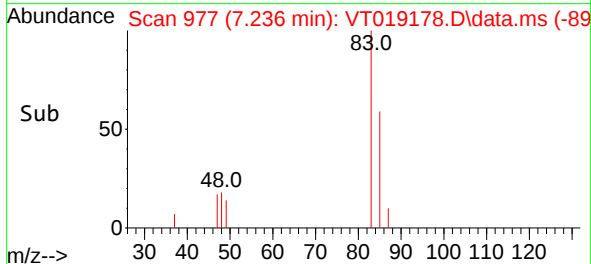
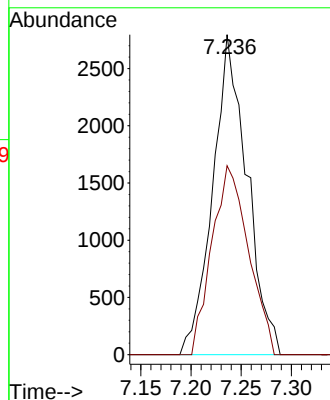
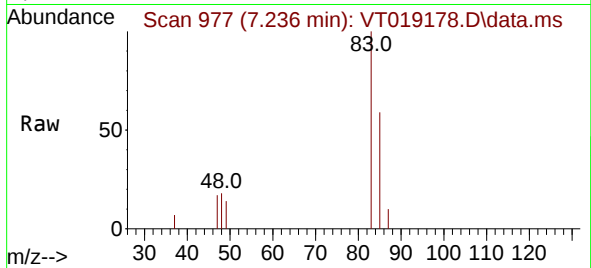




#25
Chloroform
Concen: 2.418 ug/l
RT: 7.236 min Scan# 91
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

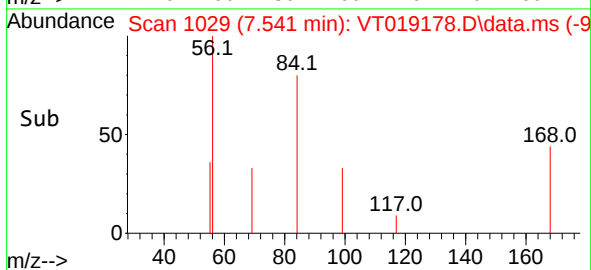
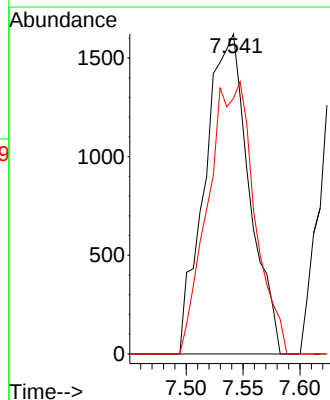
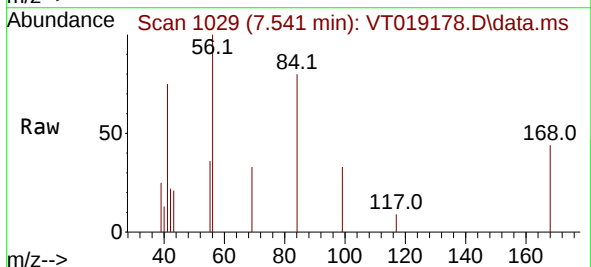
Instrument :
MSVOA_T
ClientSampleId :
MDL03

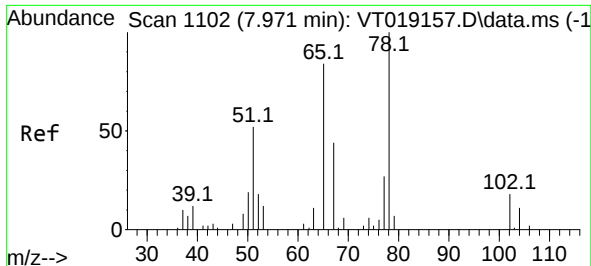
Tgt Ion: 83 Resp: 6630
Ion Ratio Lower Upper
83 100
85 59.0 48.0 72.0



#26
Cyclohexane
Concen: 2.505 ug/l
RT: 7.541 min Scan# 1029
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 56 Resp: 4407
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 42.4 67.9 101.9#

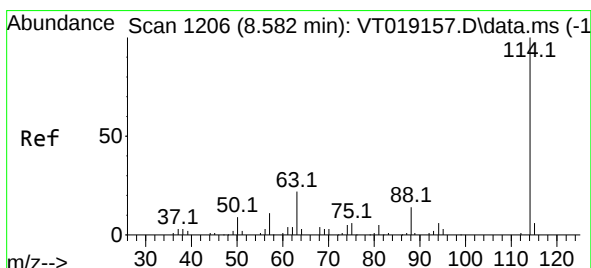
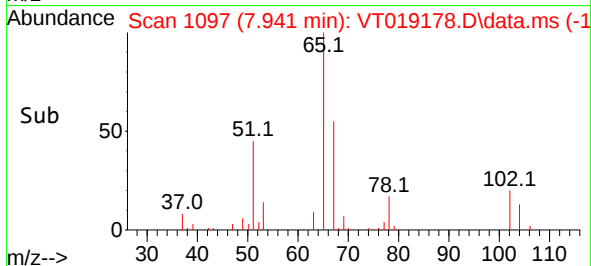
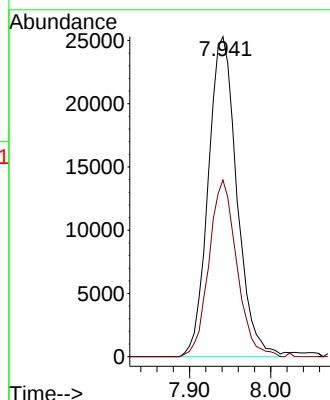
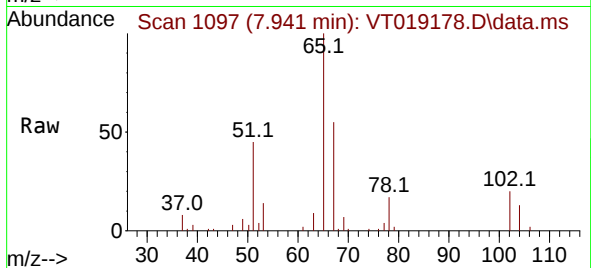




#27
1,2-Dichloroethane-d4
Concen: 29.993 ug/l
RT: 7.941 min Scan# 1097
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

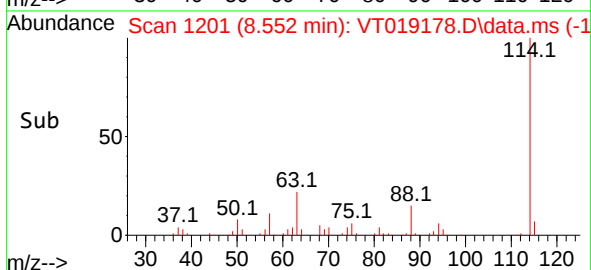
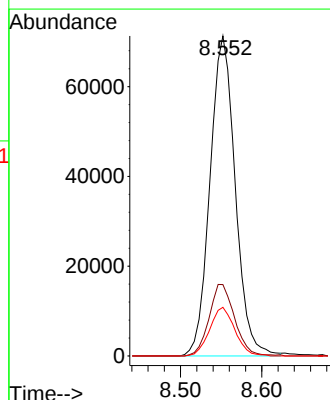
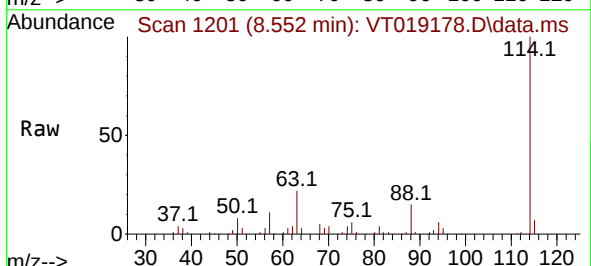
Instrument :
MSVOA_T
ClientSampleId :
MDL03

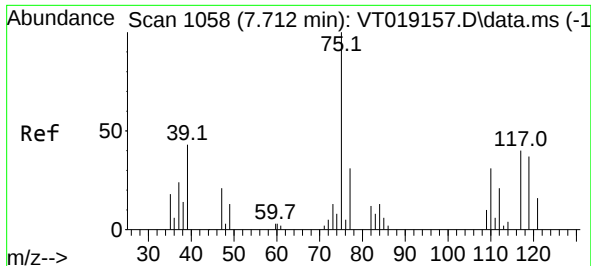
Tgt Ion: 65 Resp: 62041
Ion Ratio Lower Upper
65 100
67 53.5 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.552 min Scan# 1201
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 114 Resp: 153950
Ion Ratio Lower Upper
114 100
63 22.5 17.4 26.0
88 15.1 13.0 19.6





#29

1,1-Dichloropropene

Concen: 2.335 ug/l

RT: 7.688 min Scan# 1054

Delta R.T. -0.024 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

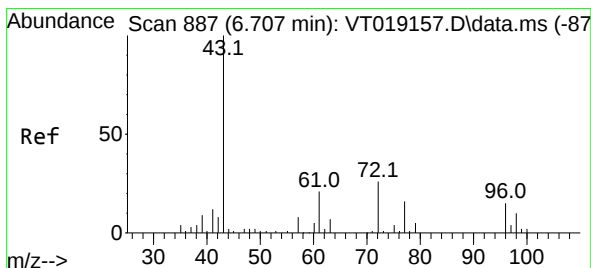
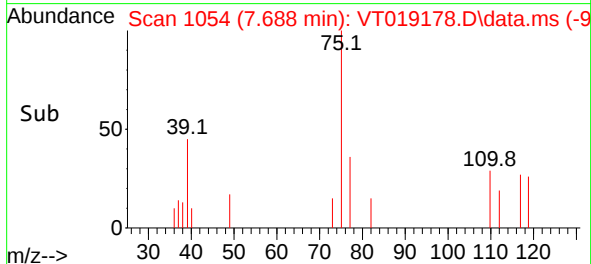
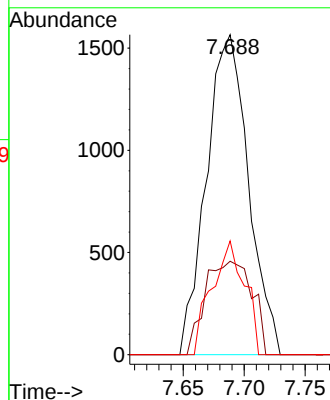
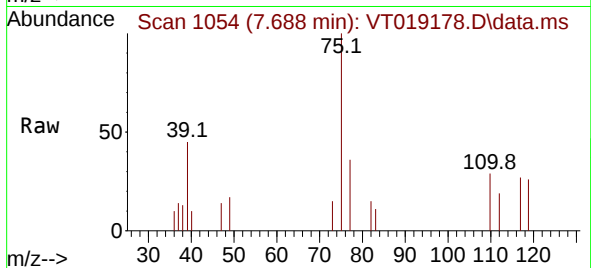
Tgt Ion: 75 Resp: 3762

Ion Ratio Lower Upper

75 100

110 10.8 0.0 70.8

77 27.9 0.0 61.6



#30

2-Butanone

Concen: 14.369 ug/l

RT: 6.678 min Scan# 882

Delta R.T. -0.024 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

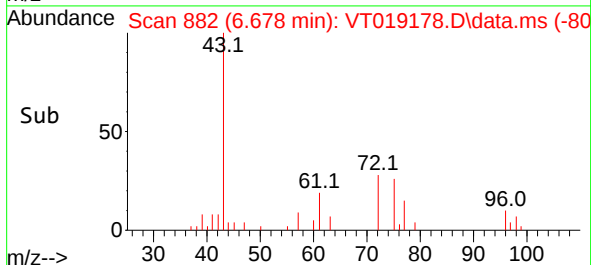
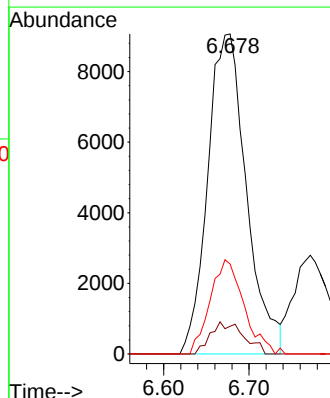
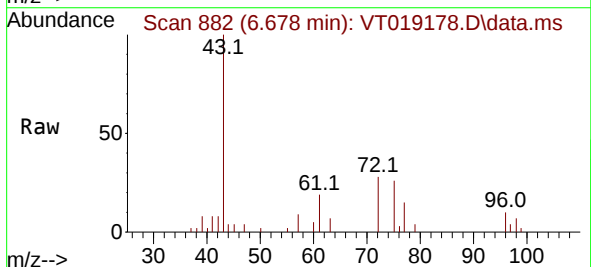
Tgt Ion: 43 Resp: 28532

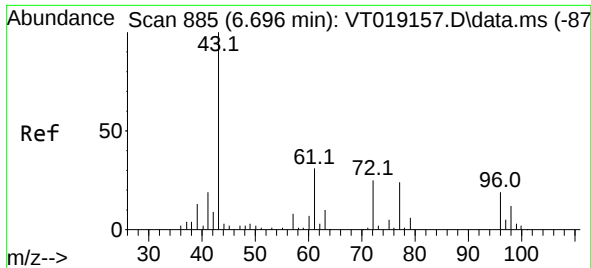
Ion Ratio Lower Upper

43 100

57 3.7 5.9 8.9#

72 0.0 20.2 30.2#

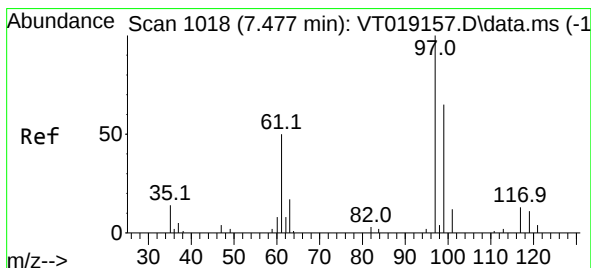
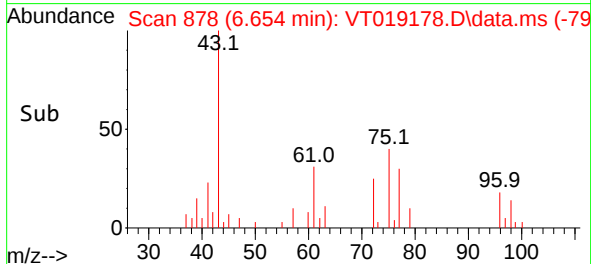
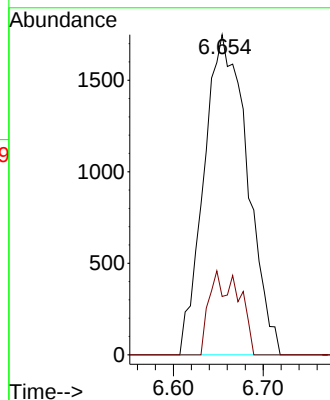
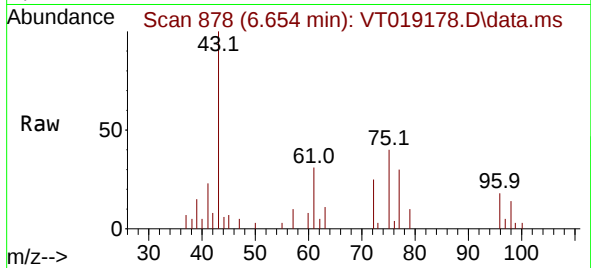




#31
2,2-Dichloropropane
Concen: 2.490 ug/l
RT: 6.654 min Scan# 81
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

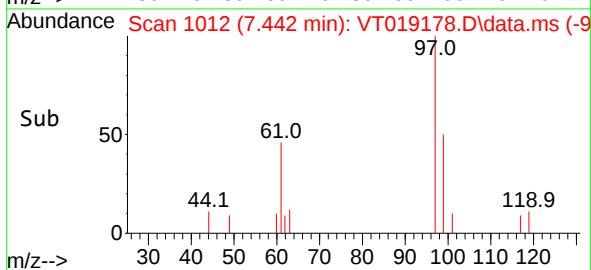
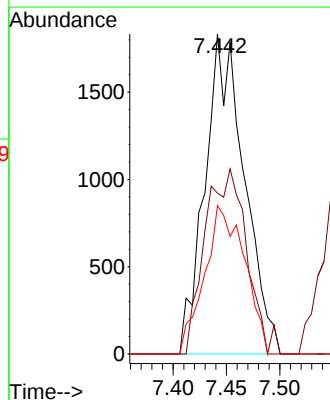
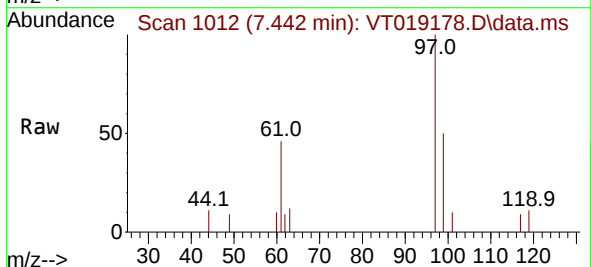
Instrument :
MSVOA_T
ClientSampleId :
MDL03

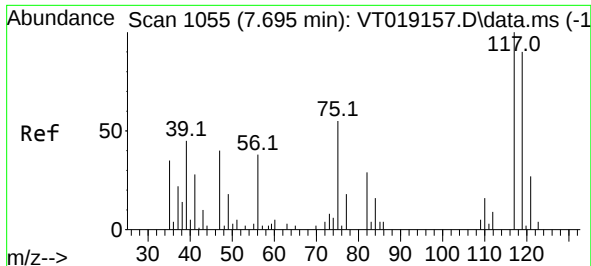
Tgt Ion: 77 Resp: 5873
Ion Ratio Lower Upper
77 100
97 8.3 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 2.327 ug/l
RT: 7.442 min Scan# 1012
Delta R.T. -0.035 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 97 Resp: 4722
Ion Ratio Lower Upper
97 100
99 31.3 30.0 45.0
61 47.1 36.1 54.1

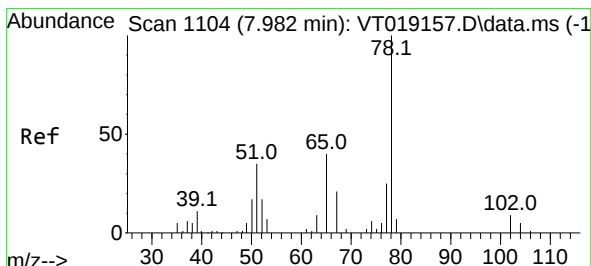
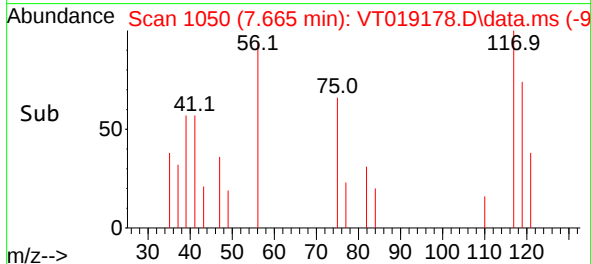
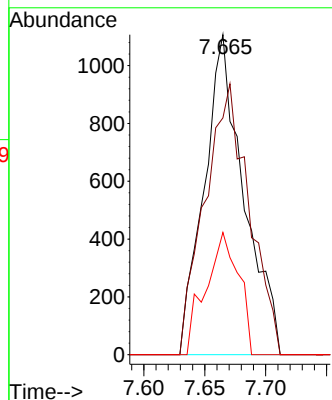
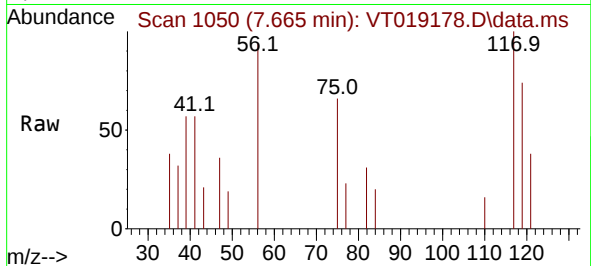




#33
Carbon Tetrachloride
Concen: 1.927 ug/l
RT: 7.665 min Scan# 1098
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

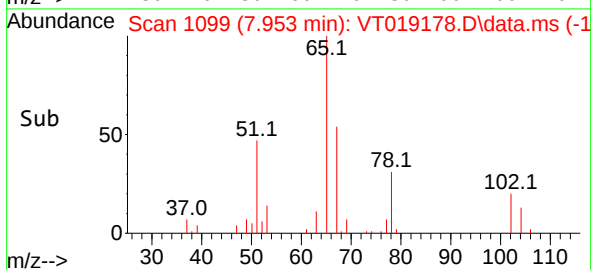
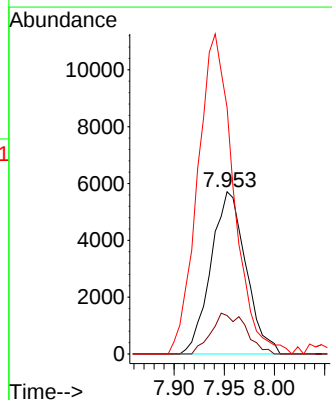
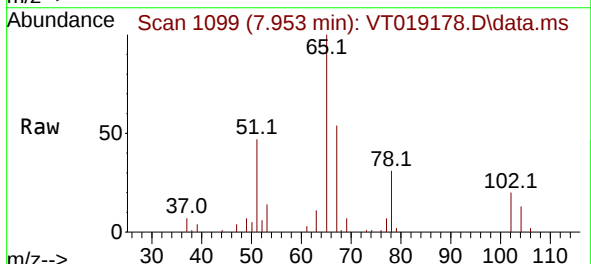
Instrument :
MSVOA_T
ClientSampleId :
MDL03

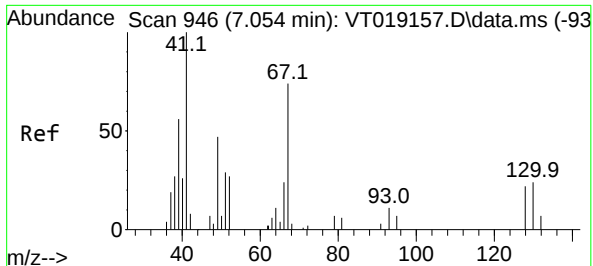
Tgt Ion:117 Resp: 2506
Ion Ratio Lower Upper
117 100
119 74.0 76.5 114.7#
121 38.2 0.5 0.7#



#34
Benzene
Concen: 2.320 ug/l
RT: 7.953 min Scan# 1099
Delta R.T. -0.029 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 78 Resp: 13846
Ion Ratio Lower Upper
78 100
77 23.7 17.6 26.4
51 146.3 13.8 20.6#





#35

Methacrylonitrile

Concen: 2.760 ug/l

RT: 7.019 min Scan# 946

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

Tgt Ion: 41 Resp: 4664

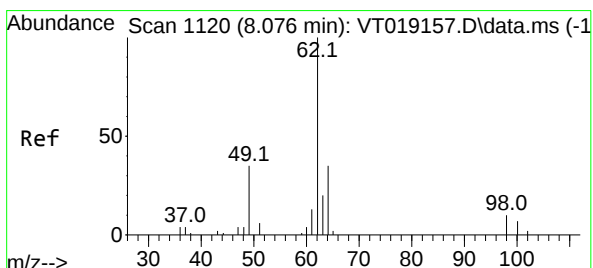
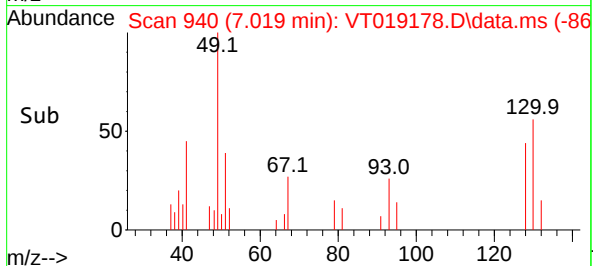
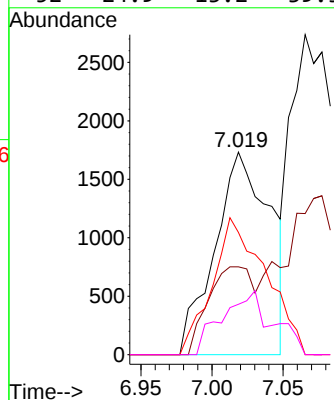
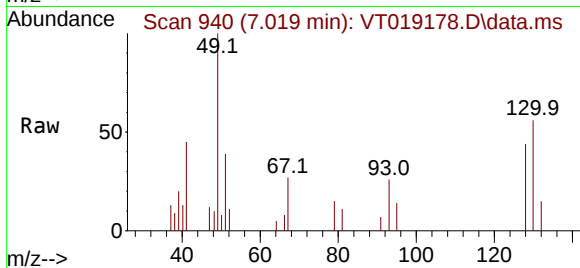
Ion Ratio Lower Upper

41 100

39 43.4 26.2 78.5

67 60.3 31.4 94.3

52 24.9 13.2 39.5



#36

1,2-Dichloroethane

Concen: 2.462 ug/l

RT: 8.047 min Scan# 1115

Delta R.T. -0.024 min

Lab File: VT019178.D

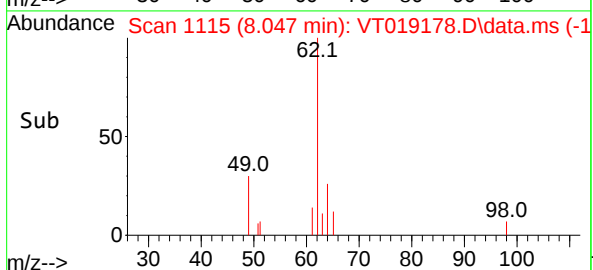
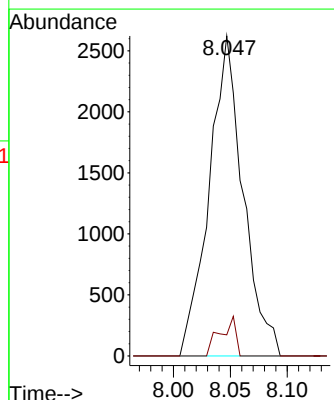
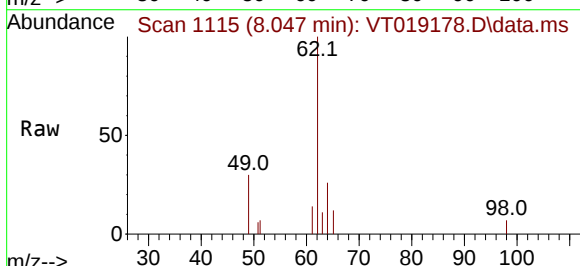
Acq: 24 Oct 2025 14:42

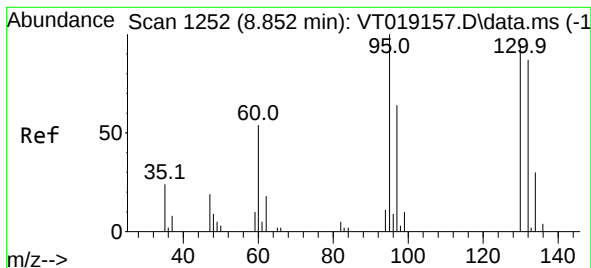
Tgt Ion: 62 Resp: 5447

Ion Ratio Lower Upper

62 100

98 2.1 6.7 10.1#





#37

Trichloroethene

Concen: 2.477 ug/l

RT: 8.822 min Scan# 1247

Delta R.T. -0.030 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

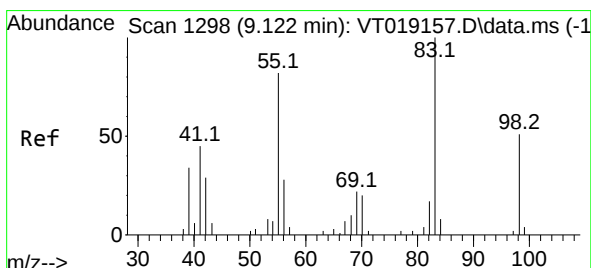
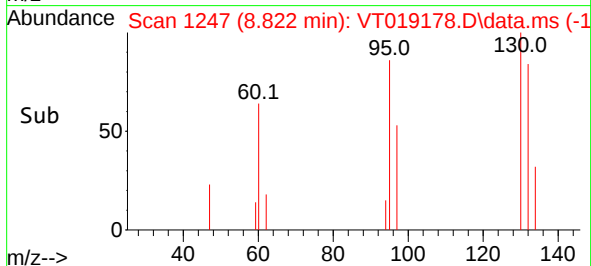
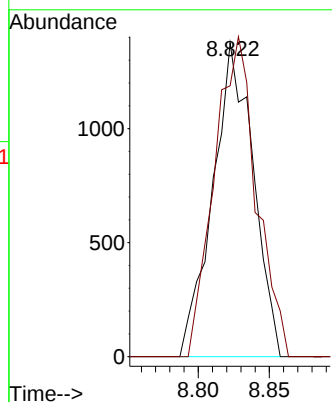
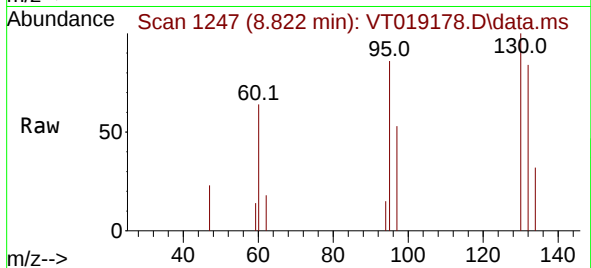
MDL03

Tgt Ion:130 Resp: 2720

Ion Ratio Lower Upper

130 100

95 86.3 79.4 119.2



#38

Methylcyclohexane

Concen: 2.458 ug/l

RT: 9.093 min Scan# 1293

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

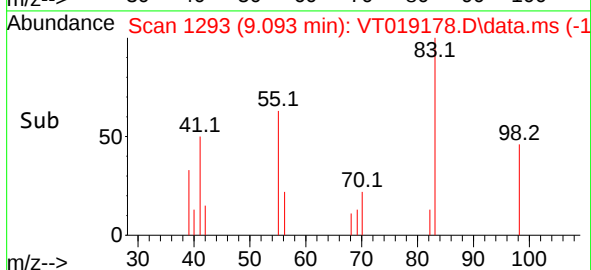
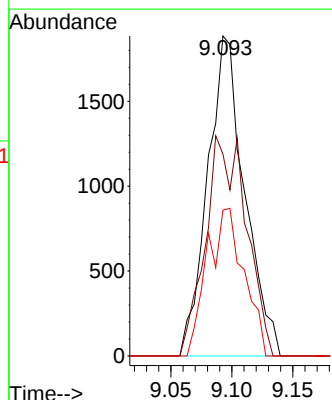
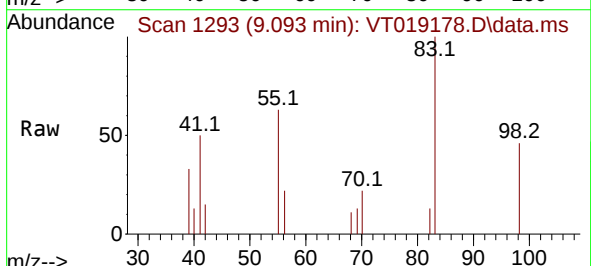
Tgt Ion: 83 Resp: 3987

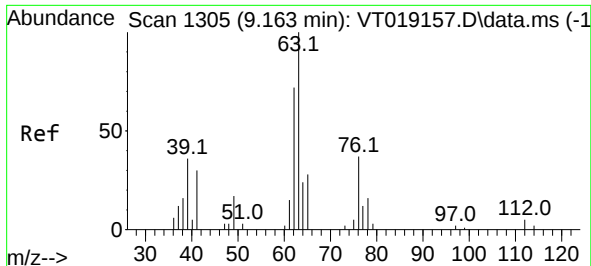
Ion Ratio Lower Upper

83 100

55 29.2 40.3 120.8#

98 45.8 24.3 72.9





#39

1,2-Dichloropropane

Concen: 2.354 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

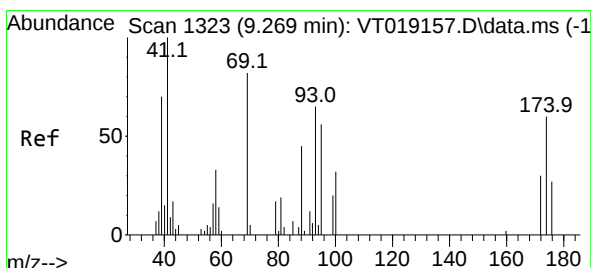
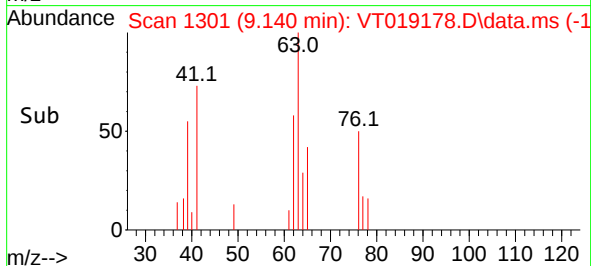
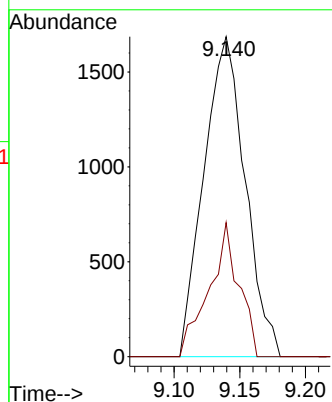
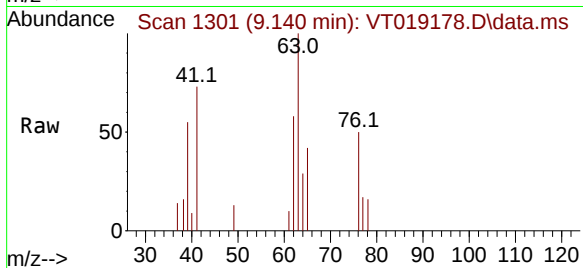
MDL03

Tgt Ion: 63 Resp: 3679

Ion Ratio Lower Upper

63 100

65 41.9 19.8 29.6#



#40

Dibromomethane

Concen: 2.267 ug/l

RT: 9.234 min Scan# 1317

Delta R.T. -0.035 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

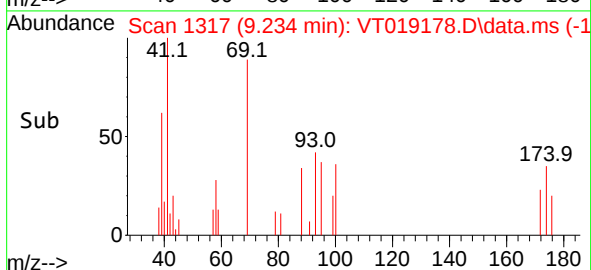
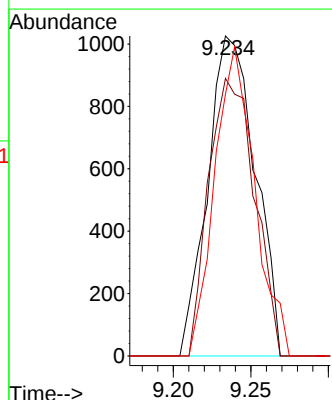
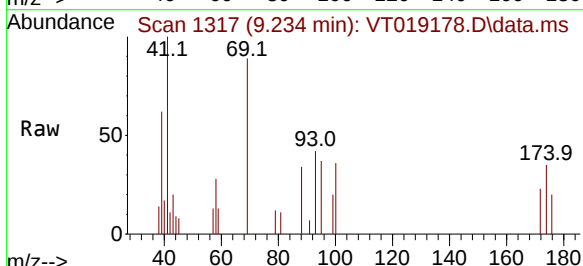
Tgt Ion: 93 Resp: 2185

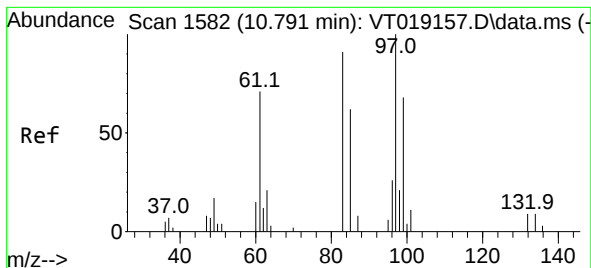
Ion Ratio Lower Upper

93 100

95 84.1 0.0 166.2

174 81.4 0.0 26.4#





#41

Bromodichloromethane

Concen: 2.548 ug/l

RT: 10.767 min Scan# 1

Delta R.T. -0.024 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

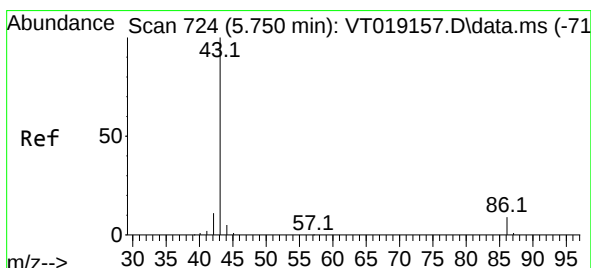
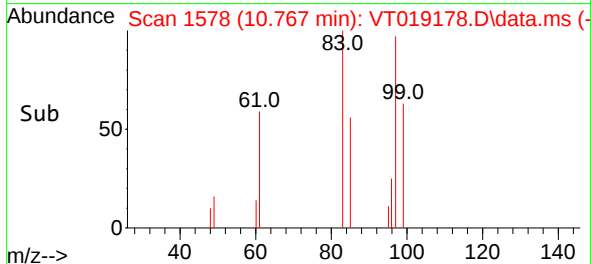
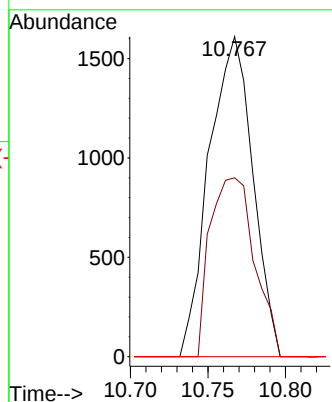
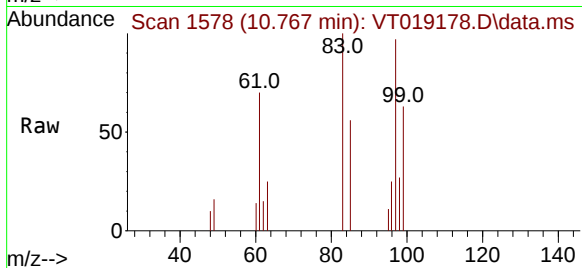
Tgt Ion: 83 Resp: 3154

Ion Ratio Lower Upper

83 100

85 55.9 47.2 70.8

127 0.0 7.1 10.7#



#42

Vinyl Acetate

Concen: 12.174 ug/l

RT: 5.720 min Scan# 719

Delta R.T. -0.030 min

Lab File: VT019178.D

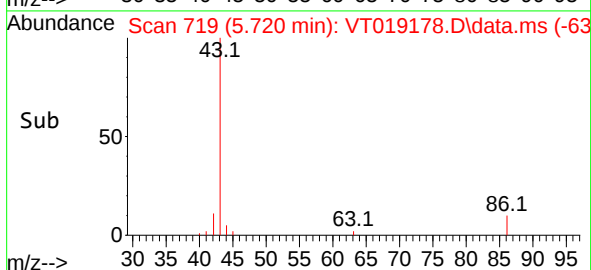
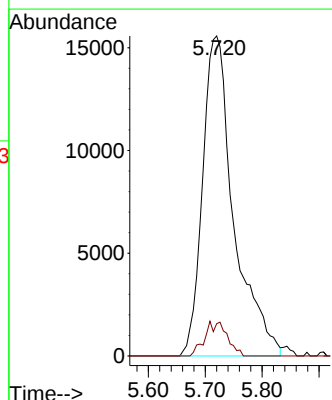
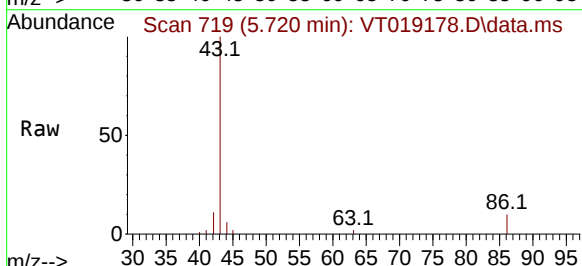
Acq: 24 Oct 2025 14:42

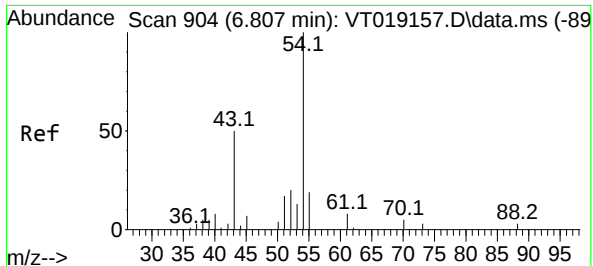
Tgt Ion: 43 Resp: 59310

Ion Ratio Lower Upper

43 100

86 4.3 6.9 10.3#





#43

Ethyl Acetate

Concen: 2.582 ug/l

RT: 6.772 min Scan# 89

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

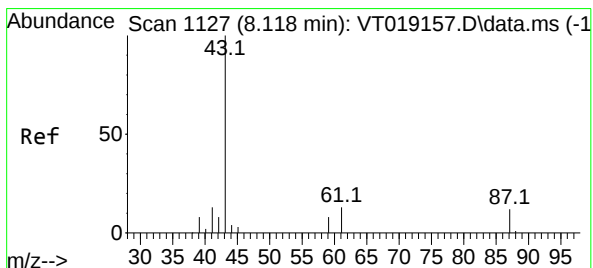
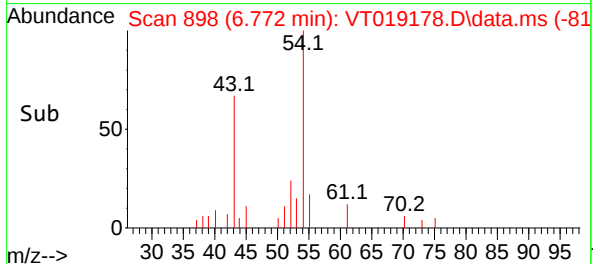
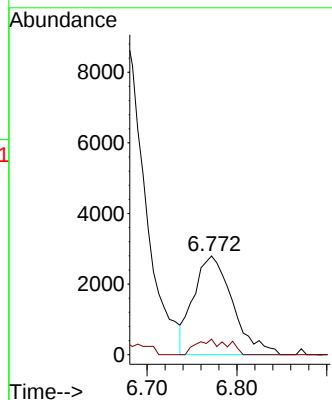
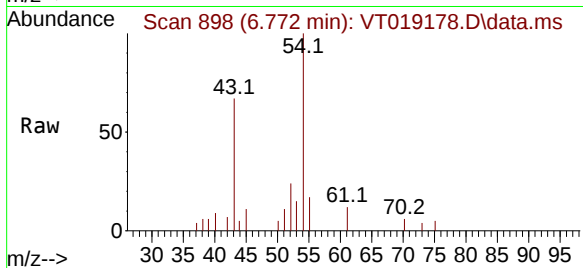
MDL03

Tgt Ion: 43 Resp: 8427

Ion Ratio Lower Upper

43 100

45 1.8 10.6 16.0#



#44

Isopropyl Acetate

Concen: 2.328 ug/l

RT: 8.100 min Scan# 1124

Delta R.T. -0.023 min

Lab File: VT019178.D

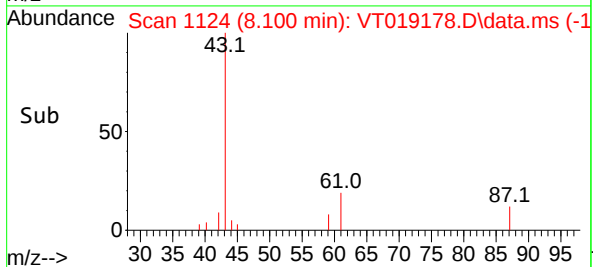
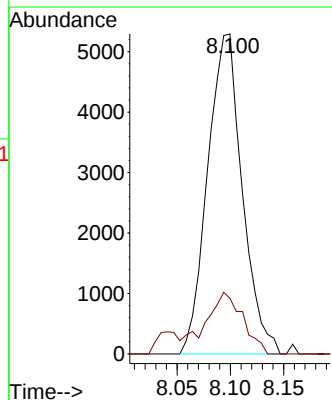
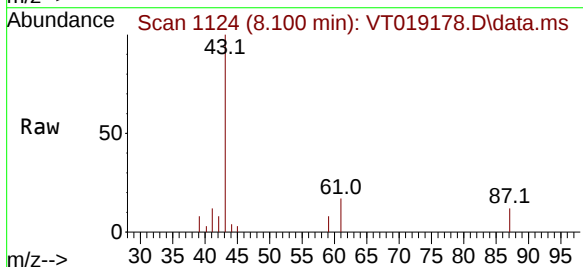
Acq: 24 Oct 2025 14:42

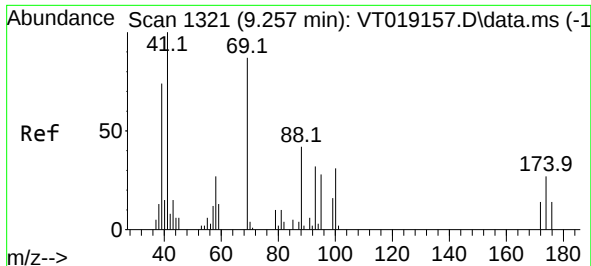
Tgt Ion: 43 Resp: 11960

Ion Ratio Lower Upper

43 100

61 18.0 14.7 22.1

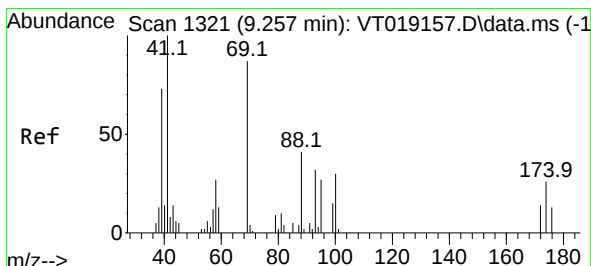
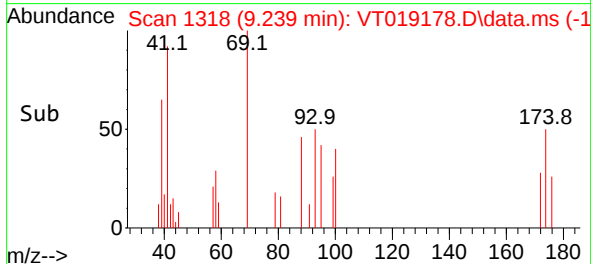
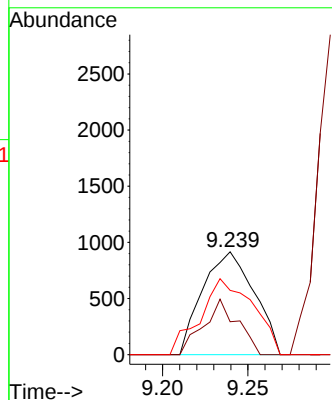
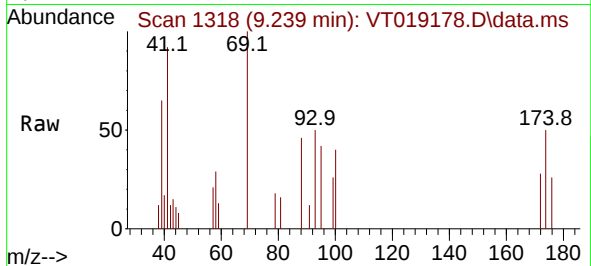




#45
1,4-Dioxane
Concen: 43.261 ug/l
RT: 9.239 min Scan# 1318
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

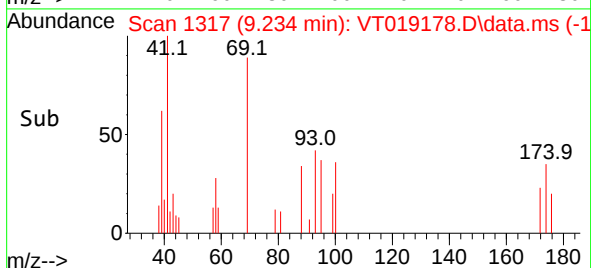
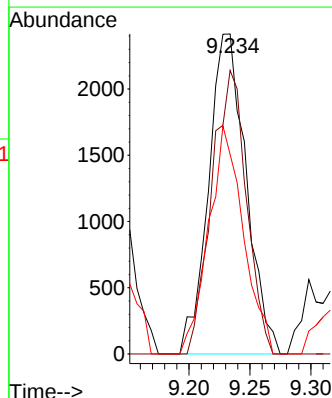
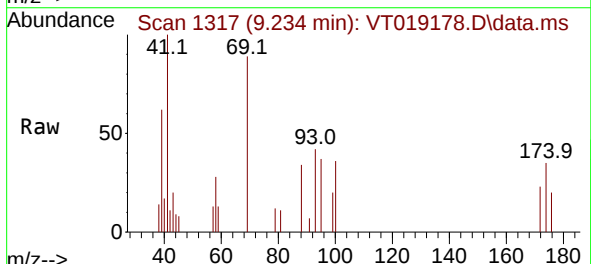
Instrument :
MSVOA_T
ClientSampleId :
MDL03

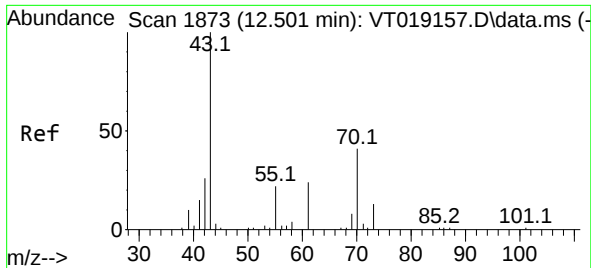
Tgt Ion: 88 Resp: 1928
Ion Ratio Lower Upper
88 100
43 35.4 30.2 45.2
58 67.3 33.3 49.9#



#46
Methyl methacrylate
Concen: 2.252 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.023 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 41 Resp: 5172
Ion Ratio Lower Upper
41 100
69 88.6 35.8 107.3
39 62.4 24.4 73.4

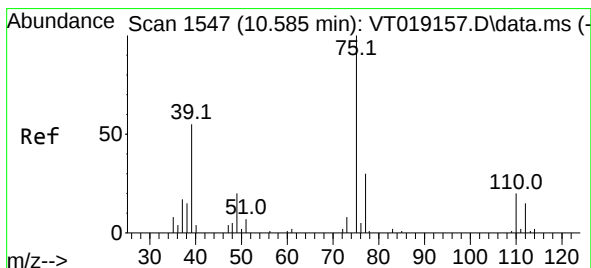
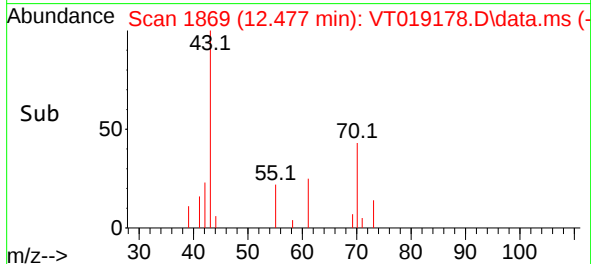
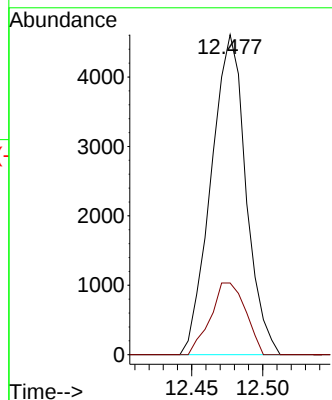
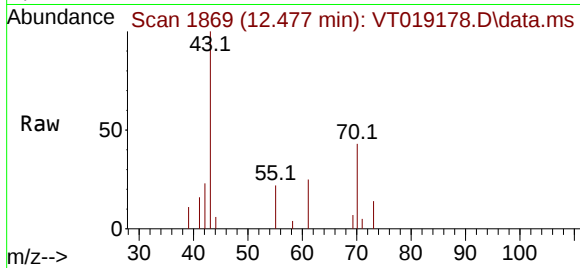




#47
n-amyl Acetate
Concen: 2.279 ug/l
RT: 12.477 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

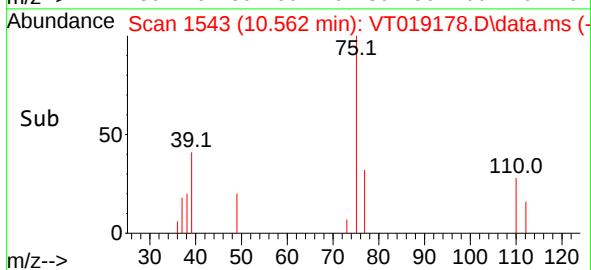
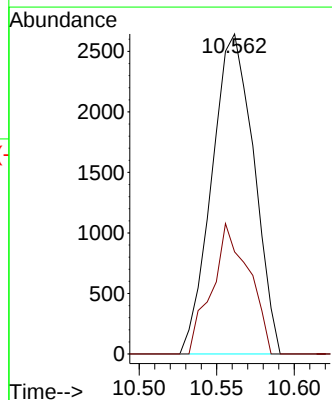
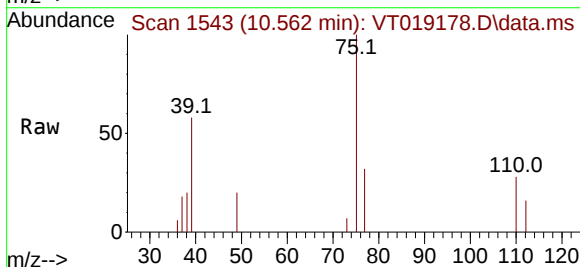
Instrument :
MSVOA_T
ClientSampleId :
MDL03

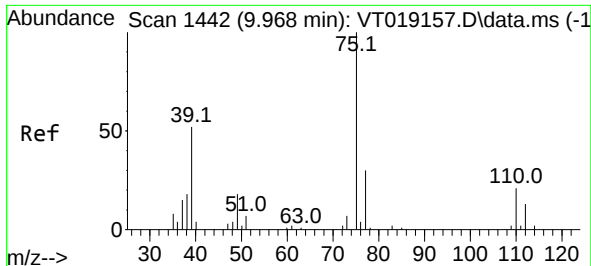
Tgt Ion: 43 Resp: 7880
Ion Ratio Lower Upper
43 100
55 22.5 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 2.216 ug/l
RT: 10.562 min Scan# 1543
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 75 Resp: 4978
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 2.331 ug/l

RT: 9.945 min Scan# 1442

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

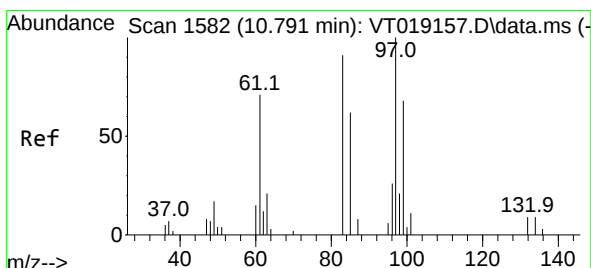
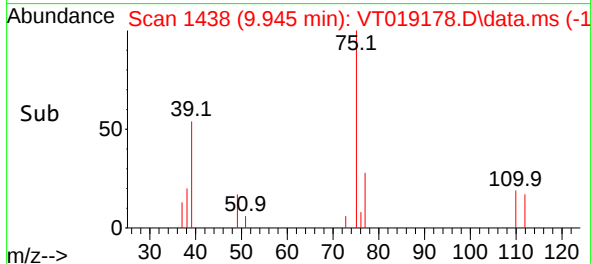
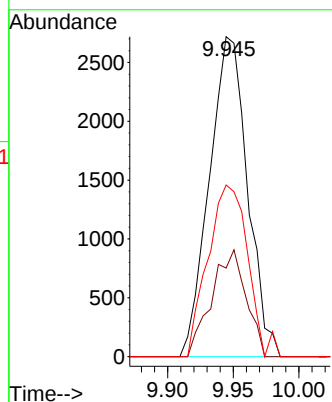
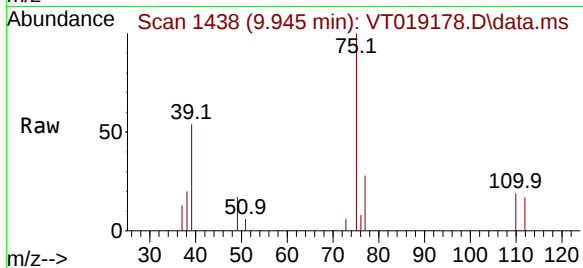
Tgt Ion: 75 Resp: 5501

Ion Ratio Lower Upper

75 100

77 27.7 25.1 37.7

39 53.7 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 2.278 ug/l

RT: 10.761 min Scan# 1577

Delta R.T. -0.030 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Tgt Ion: 97 Resp: 3229

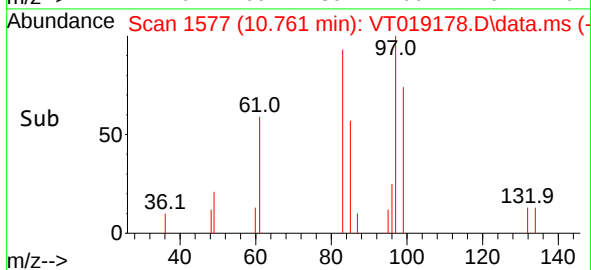
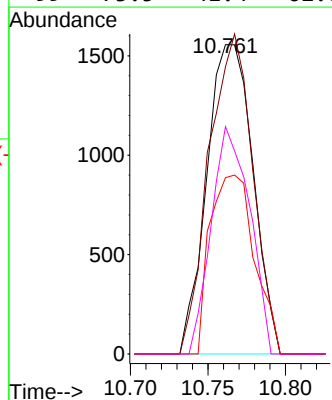
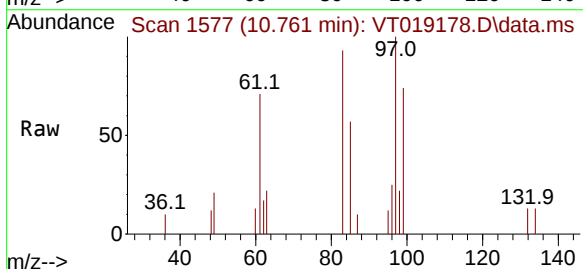
Ion Ratio Lower Upper

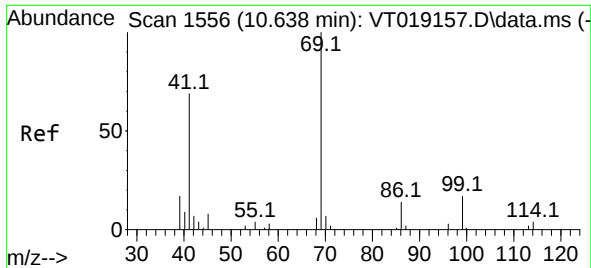
97 100

83 92.9 58.3 87.5#

85 57.0 36.5 54.7#

99 73.5 41.4 62.0#

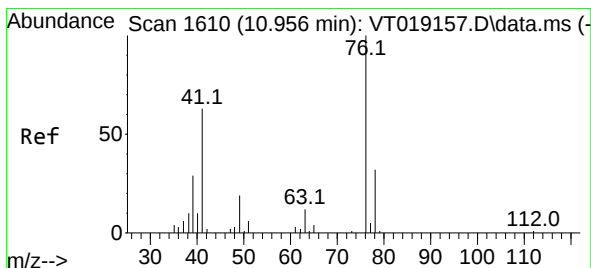
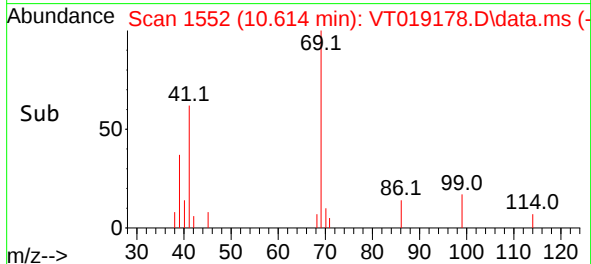
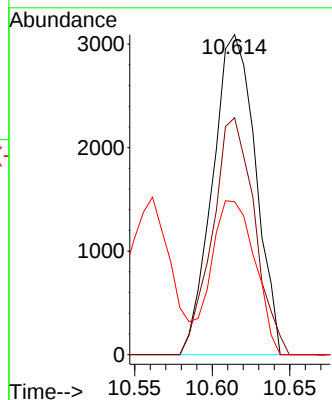
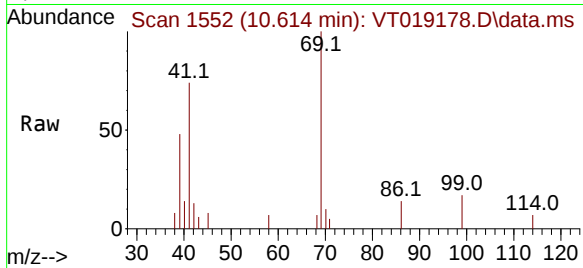




#51
Ethyl methacrylate
Concen: 2.241 ug/l
RT: 10.614 min Scan# 1552
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

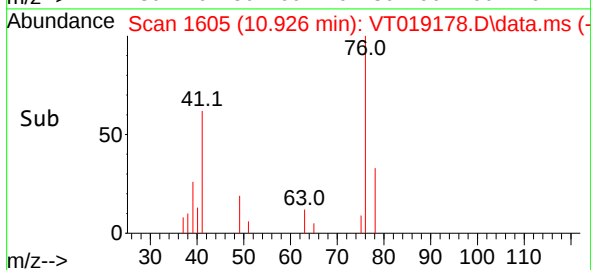
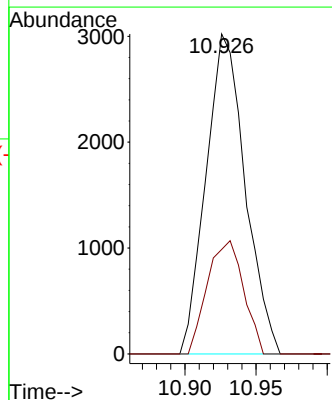
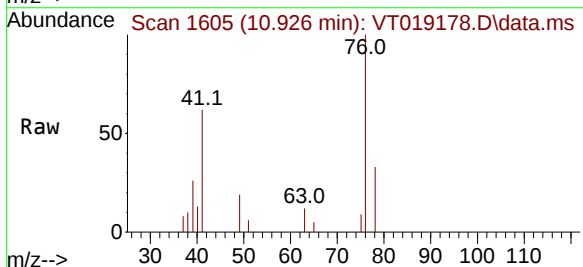
Instrument :
MSVOA_T
ClientSampleId :
MDL03

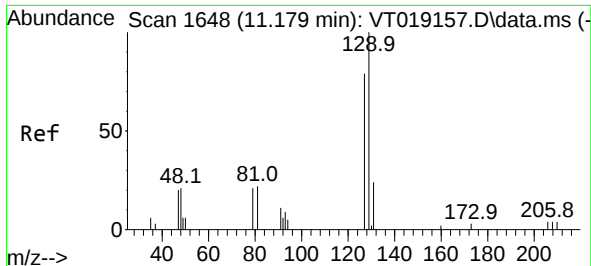
Tgt Ion: 69 Resp: 5953
Ion Ratio Lower Upper
69 100
41 74.1 35.0 105.1
39 47.8 19.5 58.5



#52
1,3-Dichloropropane
Concen: 2.282 ug/l
RT: 10.926 min Scan# 1605
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 76 Resp: 5779
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.6

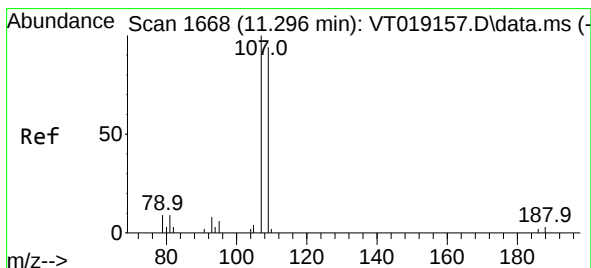
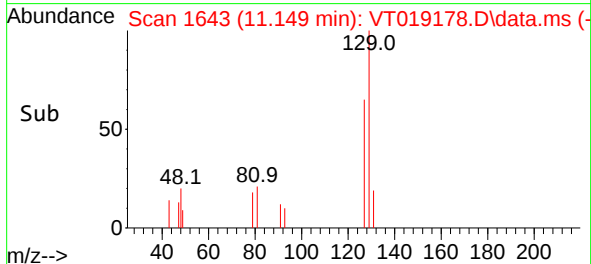
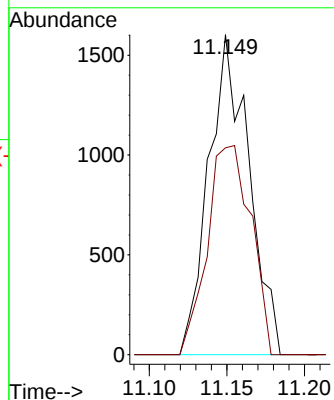
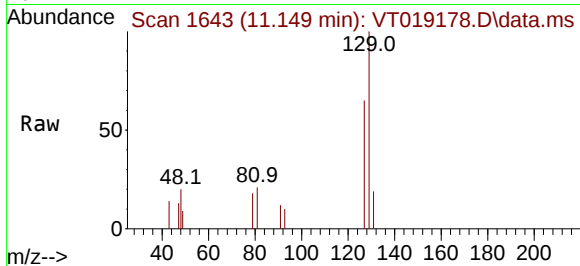




#53
Dibromochloromethane
Concen: 2.182 ug/l
RT: 11.149 min Scan# 1643
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

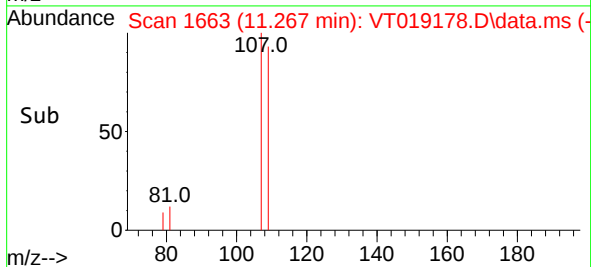
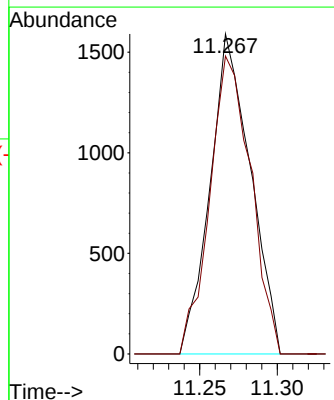
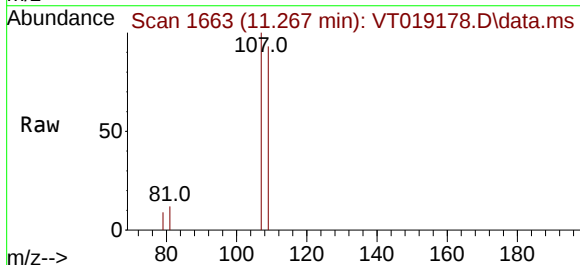
Instrument :
MSVOA_T
ClientSampleId :
MDL03

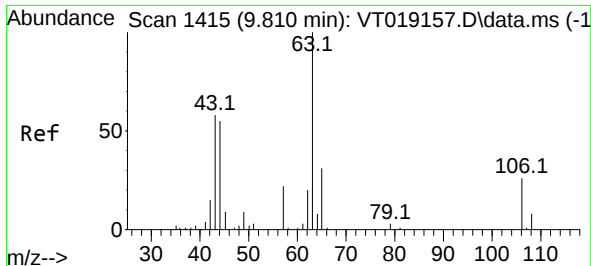
Tgt Ion:129 Resp: 2885
Ion Ratio Lower Upper
129 100
127 71.2 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 2.181 ug/l
RT: 11.267 min Scan# 1663
Delta R.T. -0.029 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:107 Resp: 2875
Ion Ratio Lower Upper
107 100
109 94.5 74.0 111.0

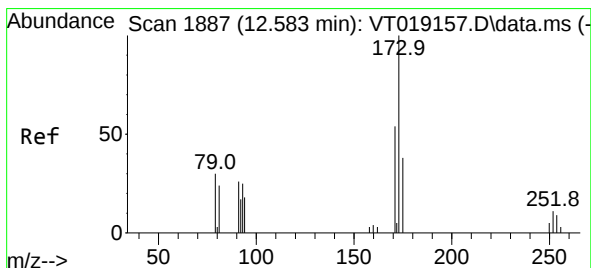
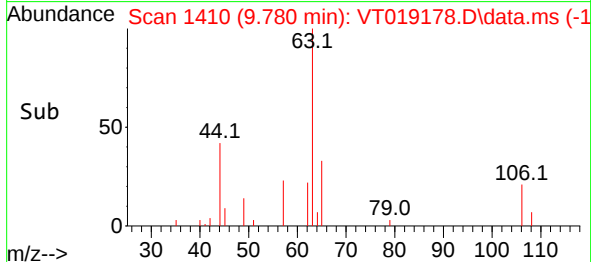
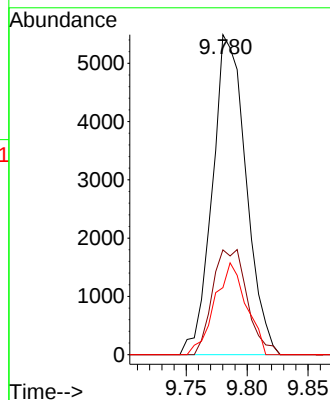
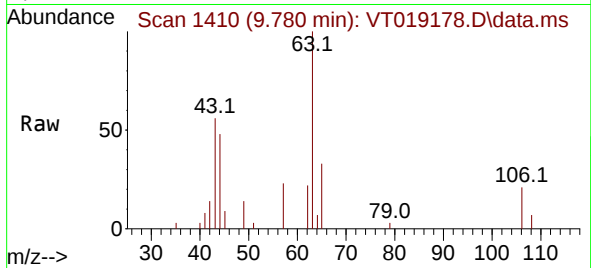




#55
2-Chloroethyl vinyl ether
Concen: 13.602 ug/l
RT: 9.780 min Scan# 1415
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

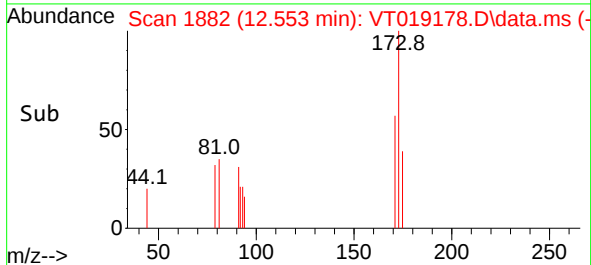
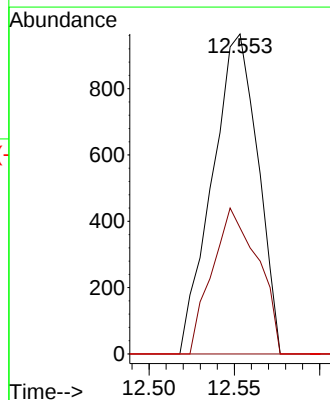
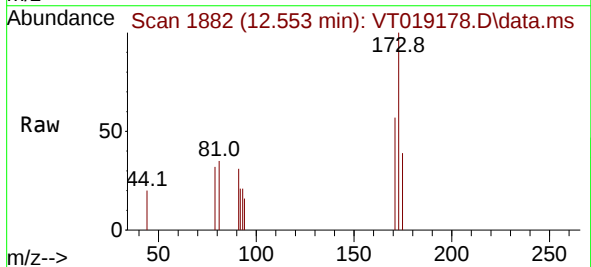
Instrument :
MSVOA_T
ClientSampleId :
MDL03

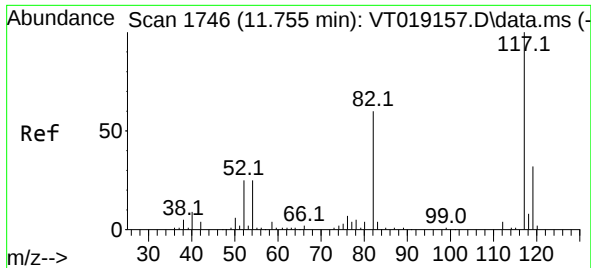
Tgt Ion:	63	Resp:	10539
Ion	Ratio	Lower	Upper
63	100		
65	33.9	25.8	38.6
106	26.9	22.1	33.1



#56
Bromoform
Concen: 2.066 ug/l
RT: 12.553 min Scan# 1882
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:	173	Resp:	1796
Ion	Ratio	Lower	Upper
173	100		
175	45.8	2.6	3.8#
254	0.0	2.2	3.2#

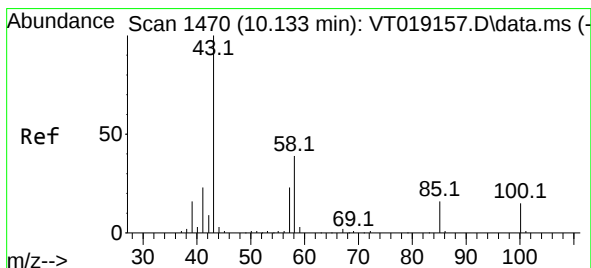
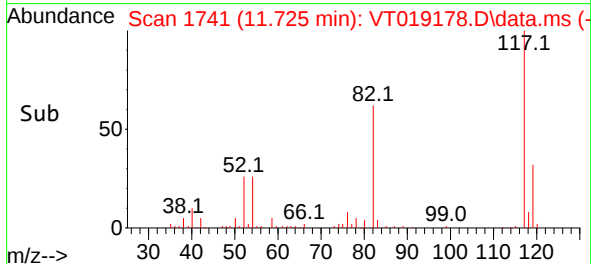
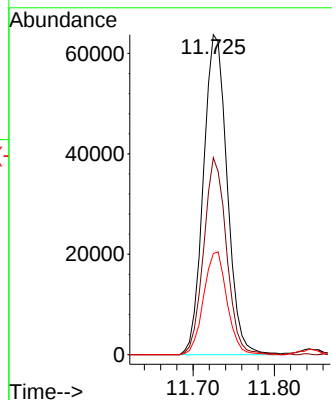
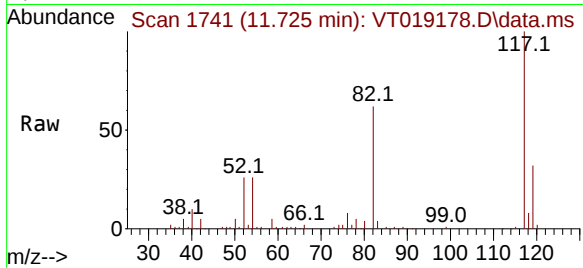




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.725 min Scan# 11
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

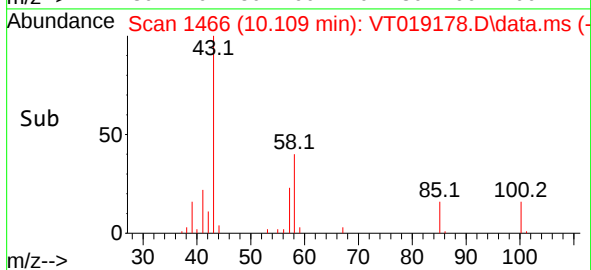
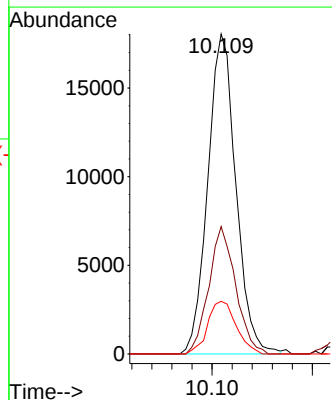
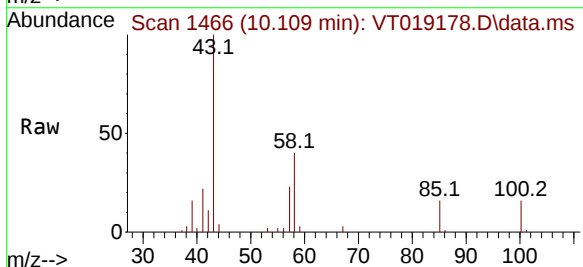
Instrument :
MSVOA_T
ClientSampleId :
MDL03

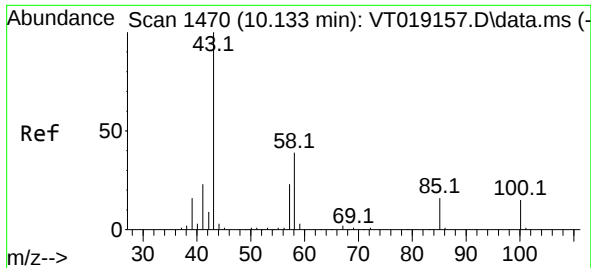
Tgt Ion:117 Resp: 129388
Ion Ratio Lower Upper
117 100
82 59.0 46.0 69.0
119 31.6 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 11.078 ug/l
RT: 10.109 min Scan# 1466
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 43 Resp: 35103
Ion Ratio Lower Upper
43 100
58 38.1 30.6 45.8
85 16.8 13.4 20.2

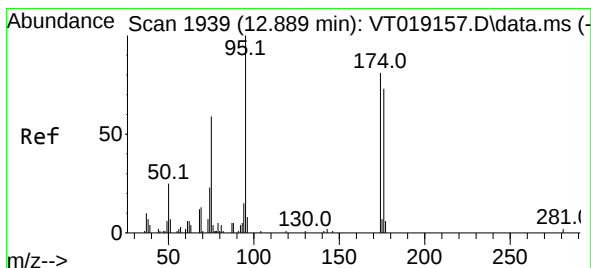
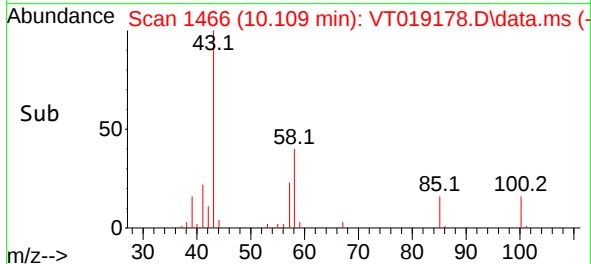
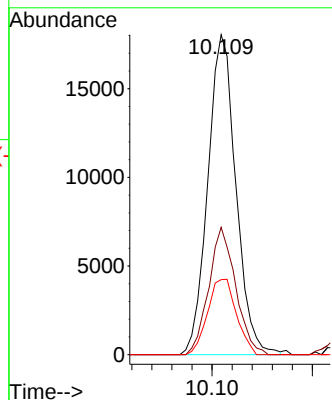
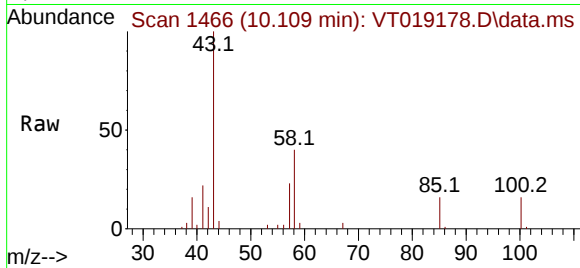




#59
2-Hexanone
Concen: 11.078 ug/l
RT: 10.109 min Scan# 1466
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

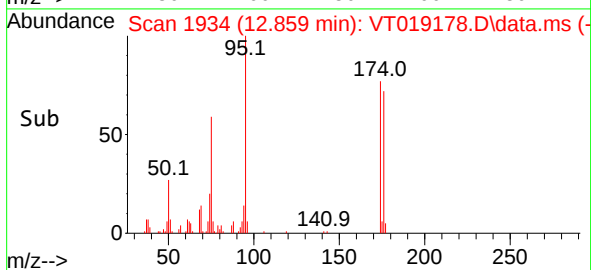
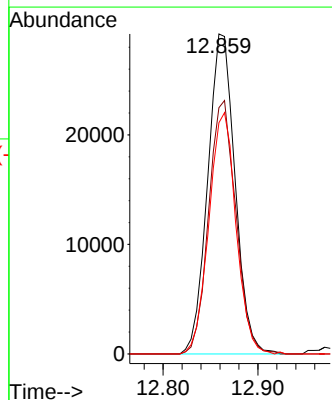
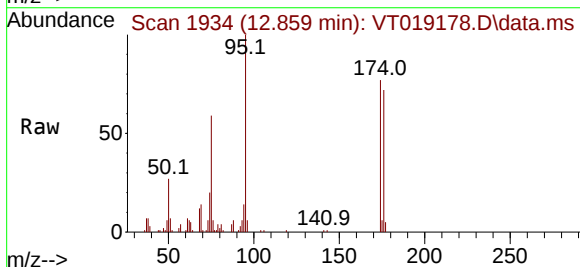
Instrument :
MSVOA_T
ClientSampleId :
MDL03

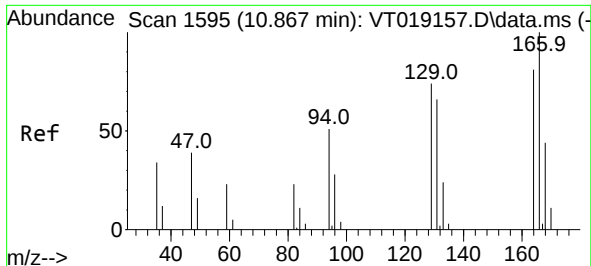
Tgt Ion: 43 Resp: 35103
Ion Ratio Lower Upper
43 100
58 38.1 42.0 63.0#
57 24.2 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 28.848 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 95 Resp: 58664
Ion Ratio Lower Upper
95 100
174 78.9 57.5 86.3
176 74.8 56.4 84.6

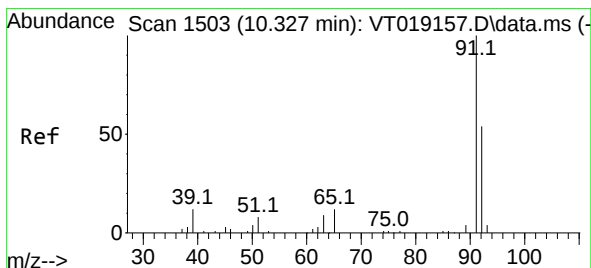
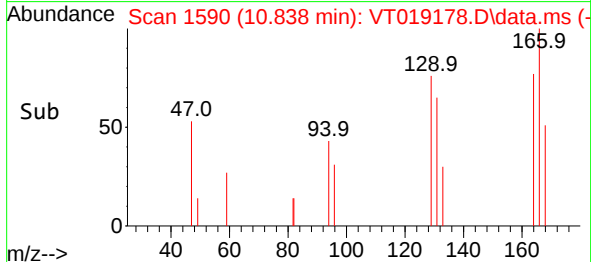
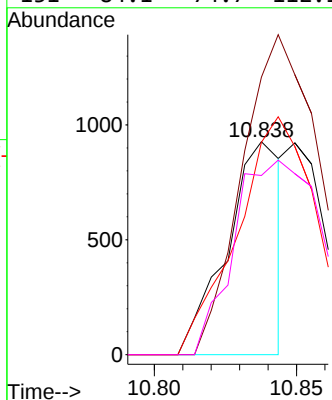
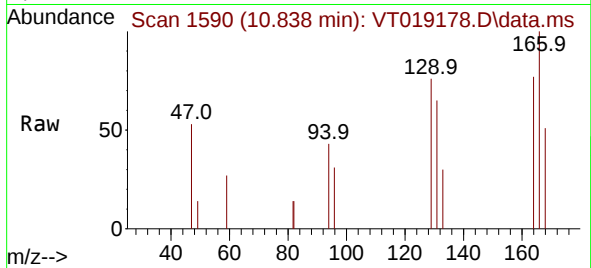




#61
Tetrachloroethene
Concen: 1.514 ug/l
RT: 10.838 min Scan# 1499
Delta R.T. -0.029 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

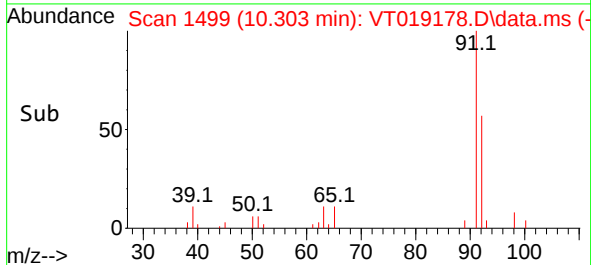
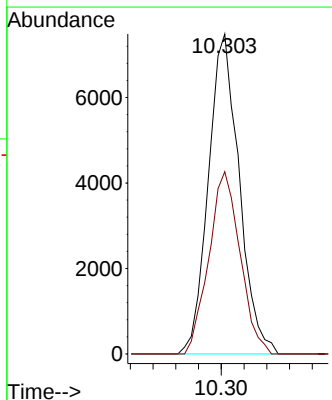
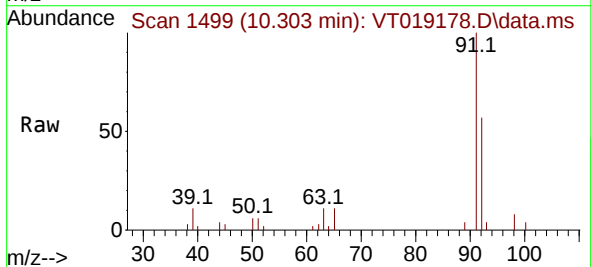
Instrument :
MSVOA_T
ClientSampleId :
MDL03

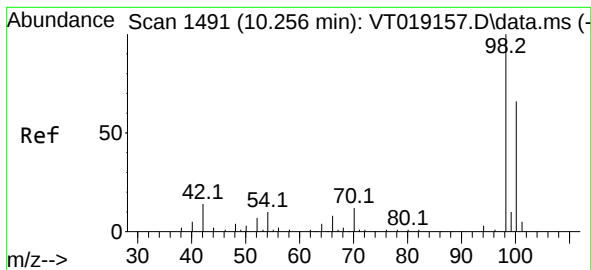
Tgt Ion:164 Resp: 1238
Ion Ratio Lower Upper
164 100
166 130.3 101.0 151.4
129 99.7 78.6 117.8
131 84.1 74.7 112.1



#62
Toluene
Concen: 2.428 ug/l
RT: 10.303 min Scan# 1499
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 91 Resp: 14072
Ion Ratio Lower Upper
91 100
92 57.8 46.6 69.8





#63

Toluene-d8

Concen: 29.570 ug/l

RT: 10.232 min Scan# 14

Delta R.T. -0.024 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

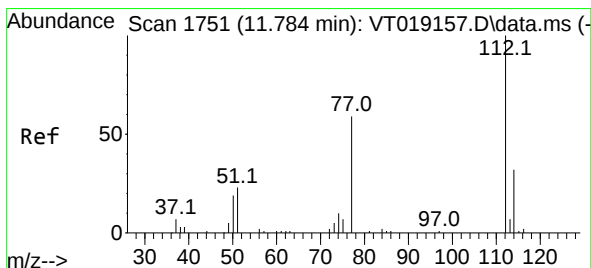
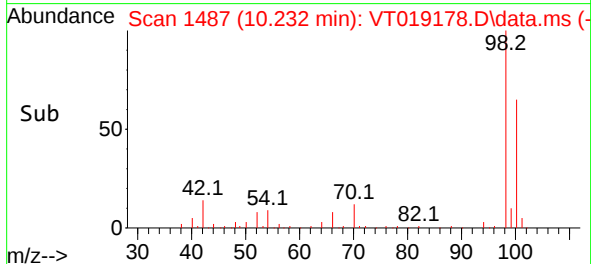
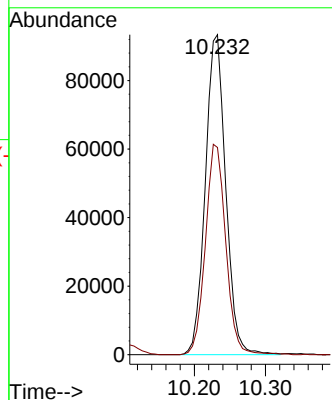
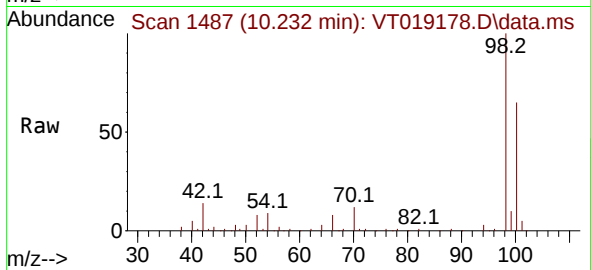
MDL03

Tgt Ion: 98 Resp: 186219

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#64

Chlorobenzene

Concen: 2.449 ug/l

RT: 11.754 min Scan# 1746

Delta R.T. -0.030 min

Lab File: VT019178.D

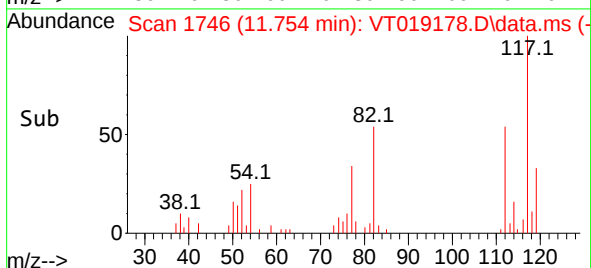
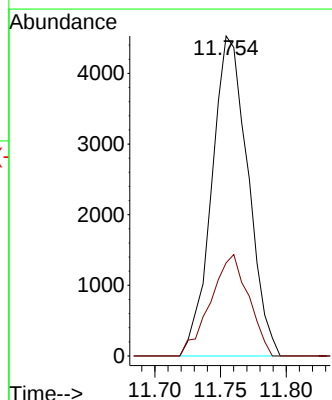
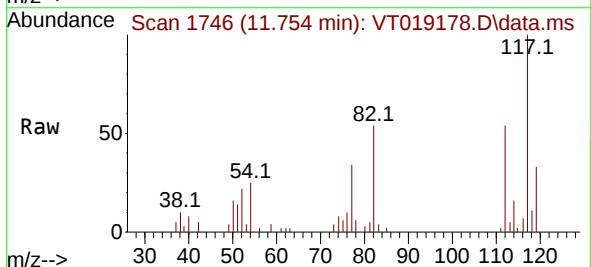
Acq: 24 Oct 2025 14:42

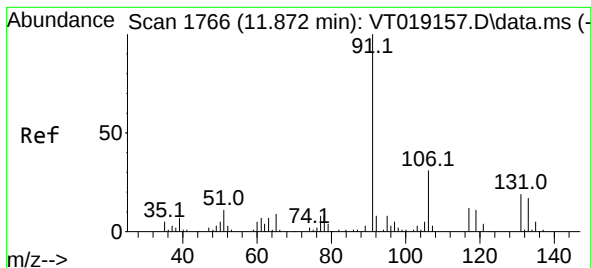
Tgt Ion: 112 Resp: 8670

Ion Ratio Lower Upper

112 100

114 29.1 23.6 35.4

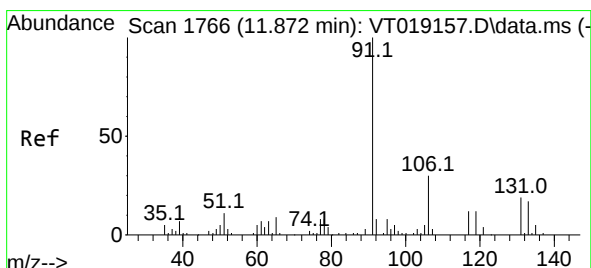
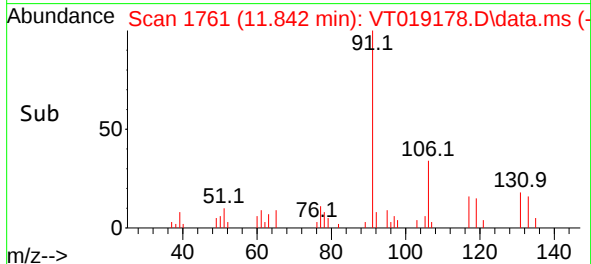
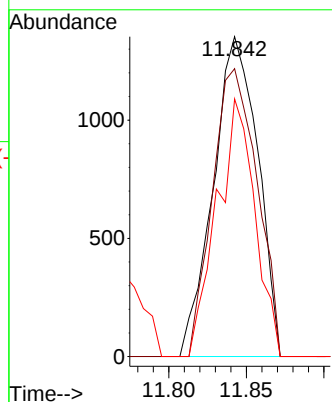
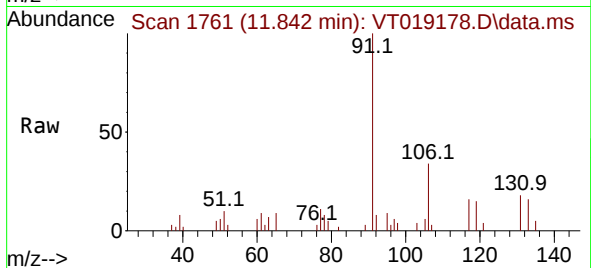




#65
1,1,1,2-Tetrachloroethane
Concen: 2.342 ug/l
RT: 11.842 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

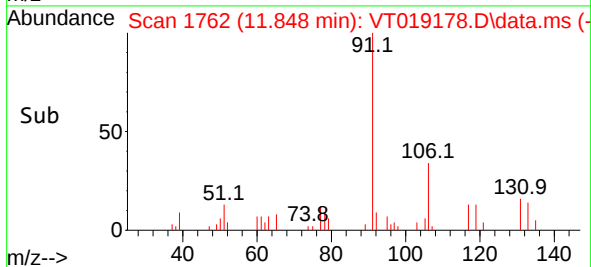
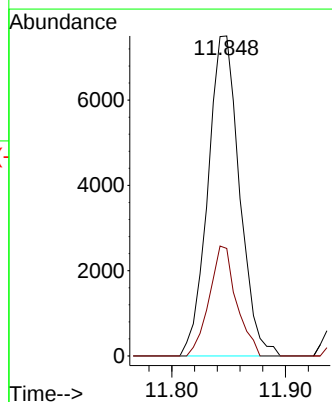
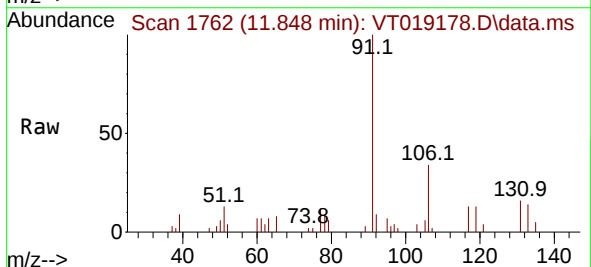
Instrument :
MSVOA_T
ClientSampleId :
MDL03

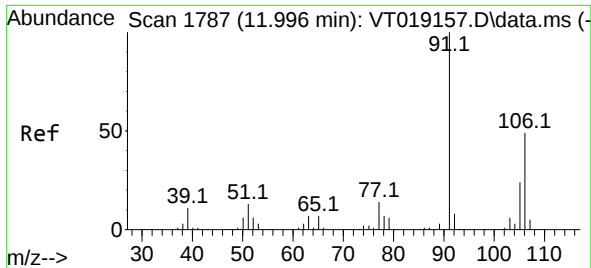
Tgt Ion:131 Resp: 2700
Ion Ratio Lower Upper
131 100
133 90.3 0.0 188.2
119 68.8 0.0 101.8



#66
Ethyl Benzene
Concen: 2.305 ug/l
RT: 11.848 min Scan# 1762
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 91 Resp: 14517
Ion Ratio Lower Upper
91 100
106 33.6 25.1 37.7

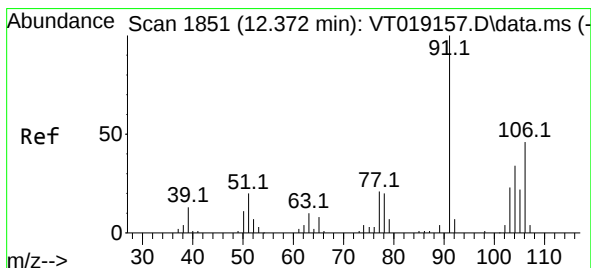
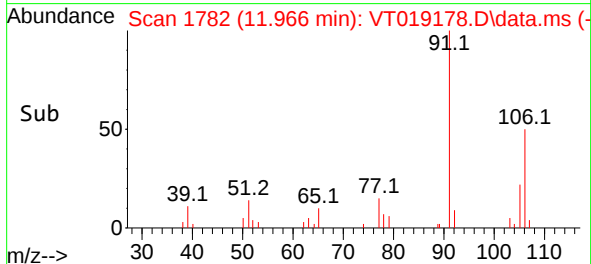
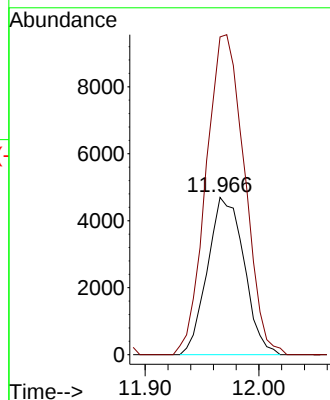
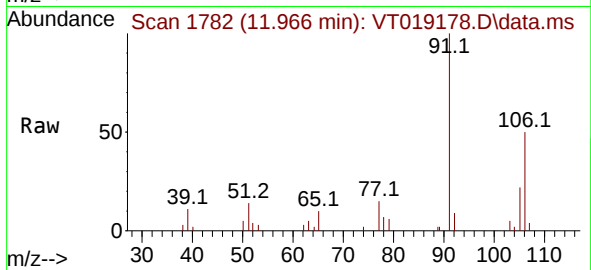




#67
m/p-Xylenes
Concen: 4.472 ug/l
RT: 11.966 min Scan# 11
Delta R.T. -0.029 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

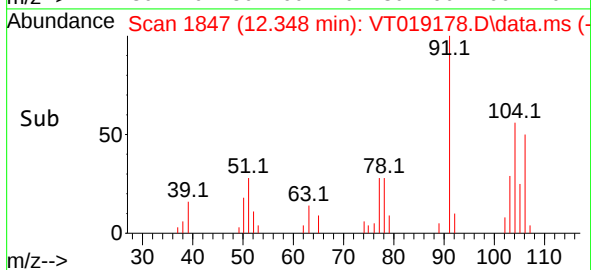
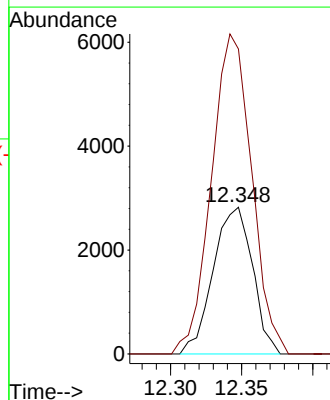
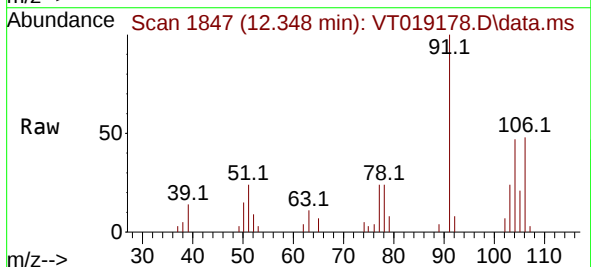
Instrument :
MSVOA_T
ClientSampleId :
MDL03

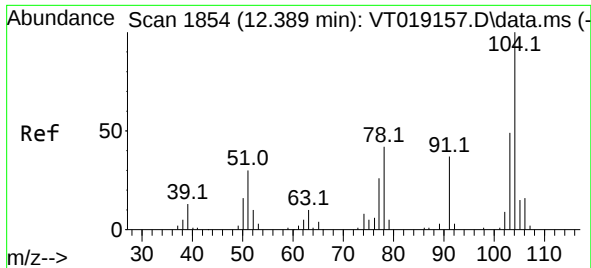
Tgt Ion:106 Resp: 10470
Ion Ratio Lower Upper
106 100
91 213.8 164.4 246.6



#68
o-Xylene
Concen: 2.248 ug/l
RT: 12.348 min Scan# 1847
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:106 Resp: 5434
Ion Ratio Lower Upper
106 100
91 223.5 111.3 333.8

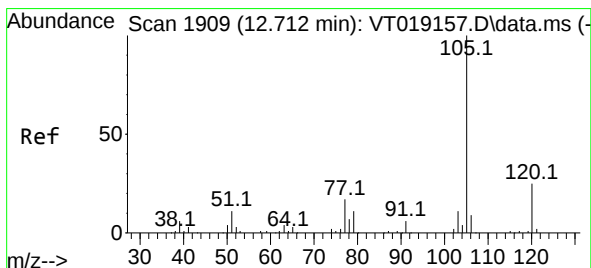
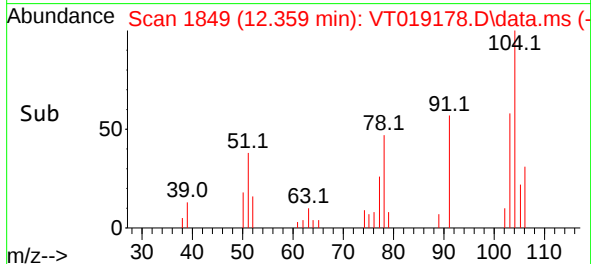
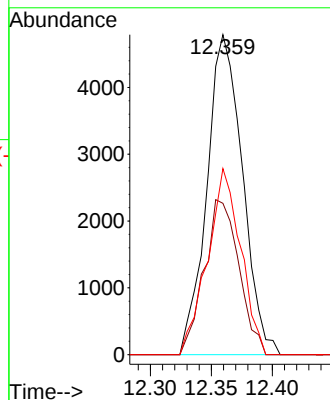
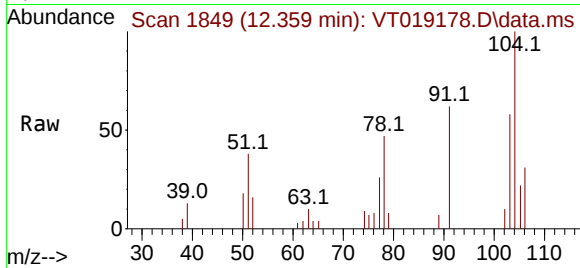




#69
Styrene
Concen: 2.241 ug/l
RT: 12.359 min Scan# 1849
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

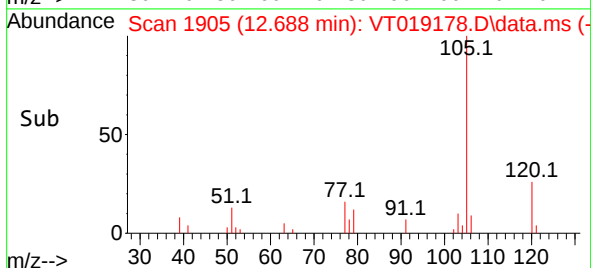
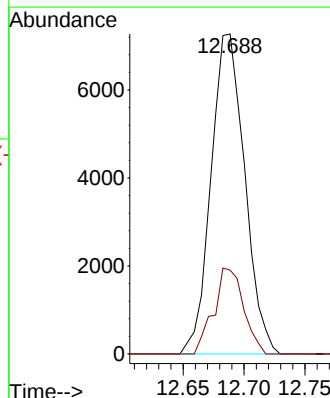
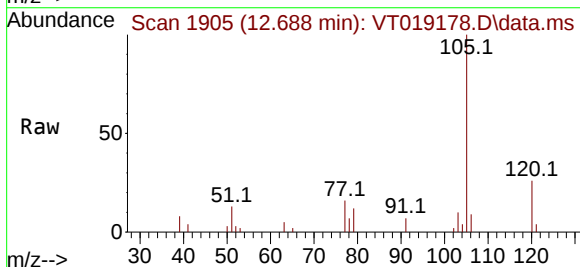
Instrument :
MSVOA_T
ClientSampleId :
MDL03

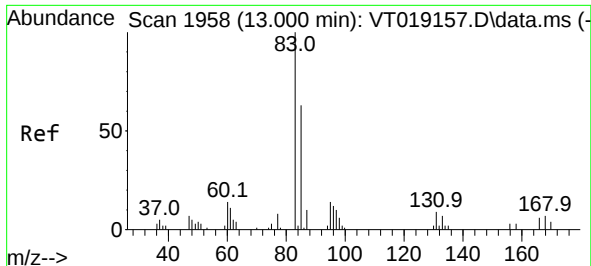
Tgt Ion:104 Resp: 9724
Ion Ratio Lower Upper
104 100
78 47.3 42.6 63.8
103 54.1 43.5 65.3



#70
Isopropylbenzene
Concen: 2.360 ug/l
RT: 12.688 min Scan# 1905
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:105 Resp: 13992
Ion Ratio Lower Upper
105 100
120 23.8 17.8 33.0





#71

1,1,2,2-Tetrachloroethane

Concen: 2.292 ug/l

RT: 12.970 min Scan# 1953

Delta R.T. -0.030 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

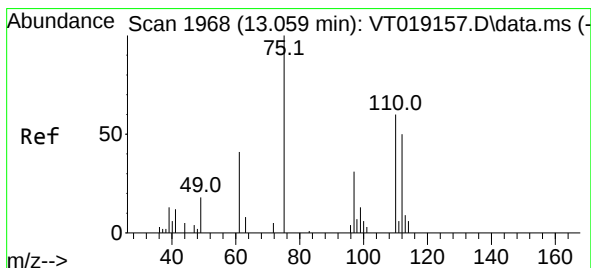
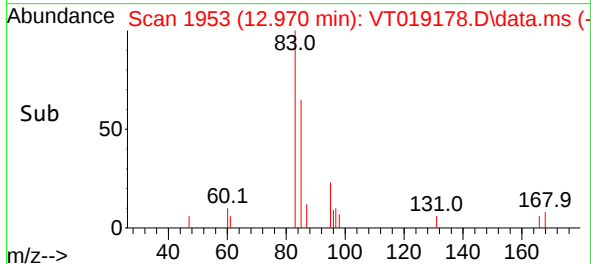
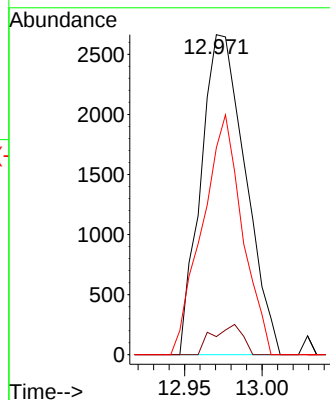
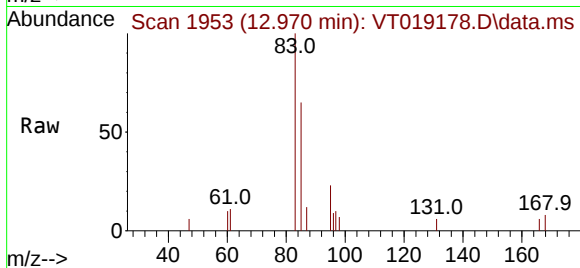
Tgt Ion: 83 Resp: 5331

Ion Ratio Lower Upper

83 100

131 4.0 6.0 18.0#

85 67.0 32.3 96.9



#72

1,2,3-Trichloropropane

Concen: 4.244 ug/l

RT: 13.035 min Scan# 1964

Delta R.T. -0.024 min

Lab File: VT019178.D

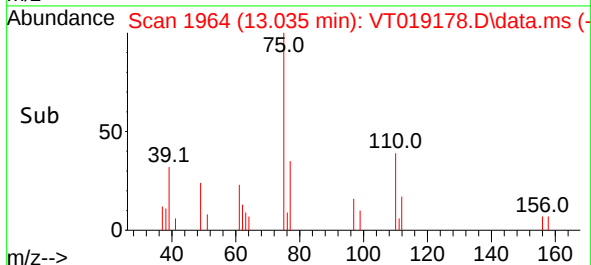
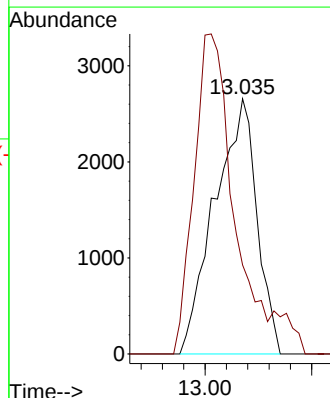
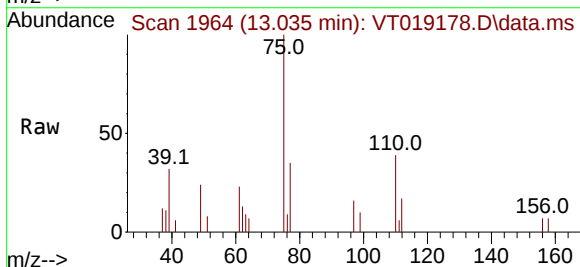
Acq: 24 Oct 2025 14:42

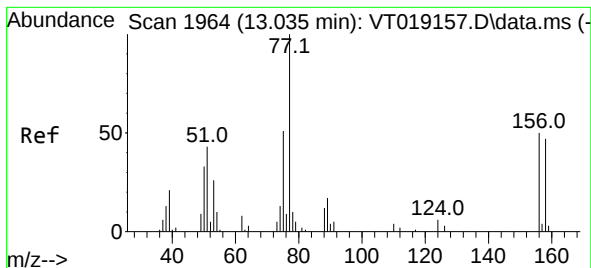
Tgt Ion: 75 Resp: 7287

Ion Ratio Lower Upper

75 100

77 115.6 0.0 74.2#





#73

Bromobenzene

Concen: 2.477 ug/l

RT: 13.006 min Scan# 1959

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

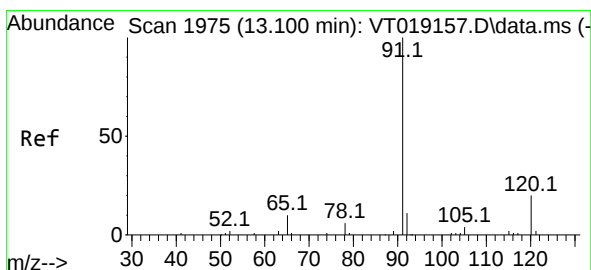
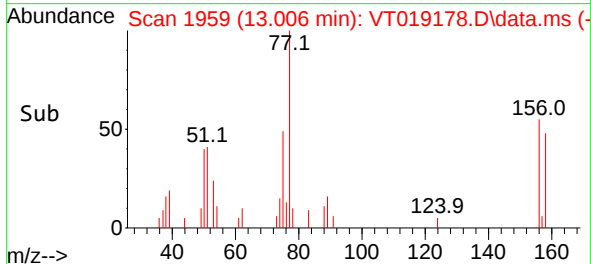
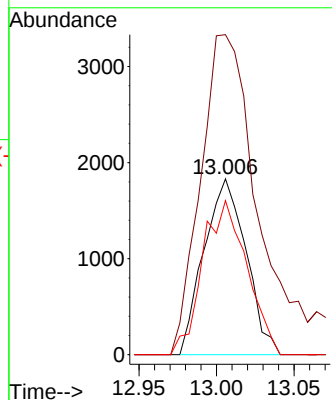
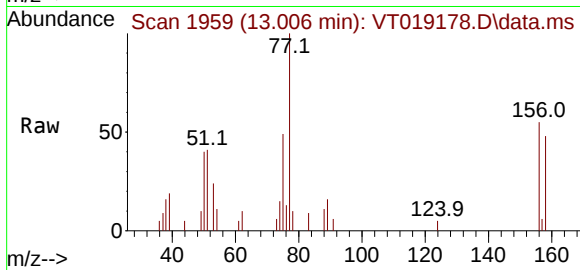
Tgt Ion:156 Resp: 3453

Ion Ratio Lower Upper

156 100

77 243.9 0.0 340.8

158 92.4 0.0 189.0



#74

n-propylbenzene

Concen: 2.366 ug/l

RT: 13.082 min Scan# 1972

Delta R.T. -0.018 min

Lab File: VT019178.D

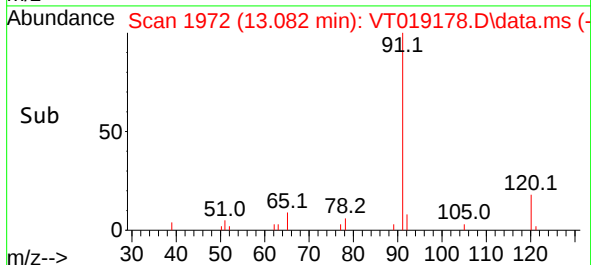
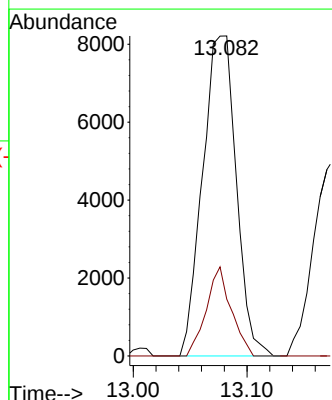
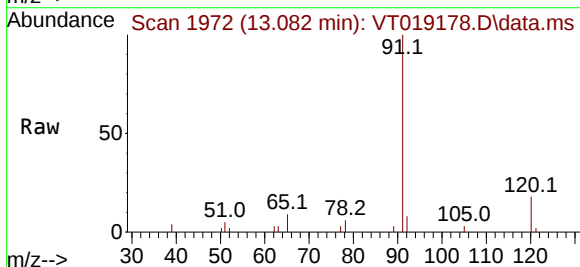
Acq: 24 Oct 2025 14:42

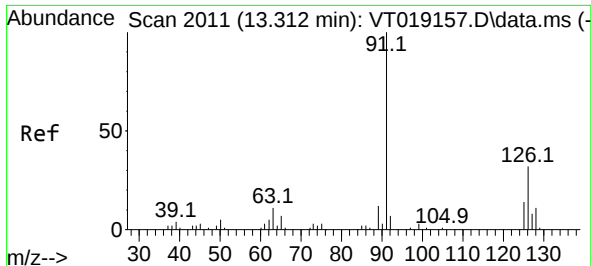
Tgt Ion: 91 Resp: 16913

Ion Ratio Lower Upper

91 100

120 20.6 0.0 44.4

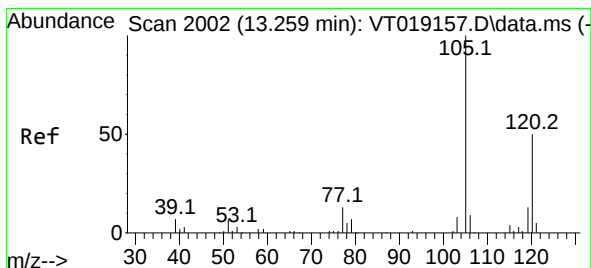
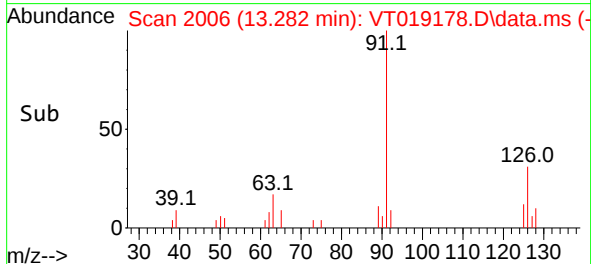
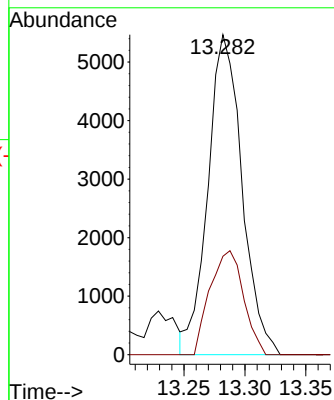
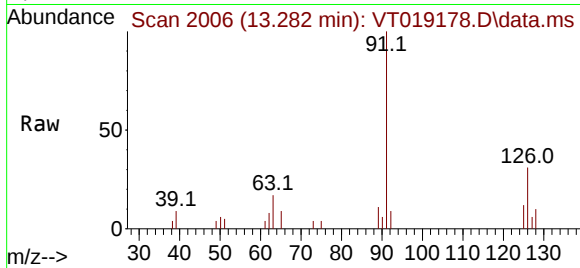




#75
2-Chlorotoluene
Concen: 2.428 ug/l
RT: 13.282 min Scan# 2011
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

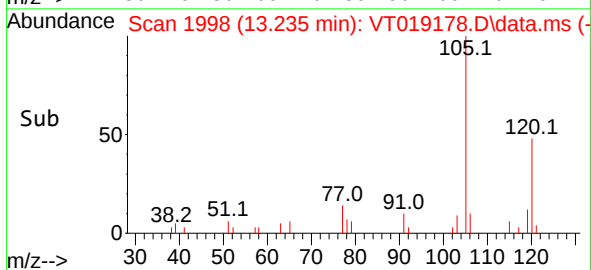
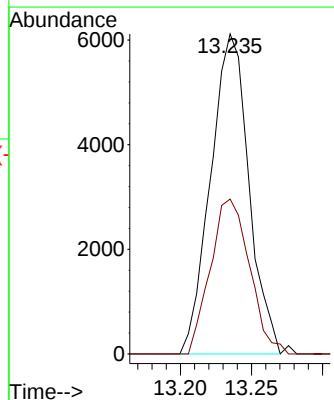
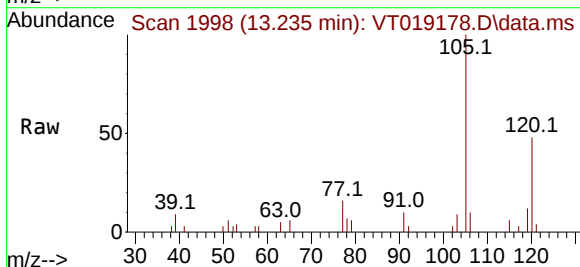
Instrument :
MSVOA_T
ClientSampleId :
MDL03

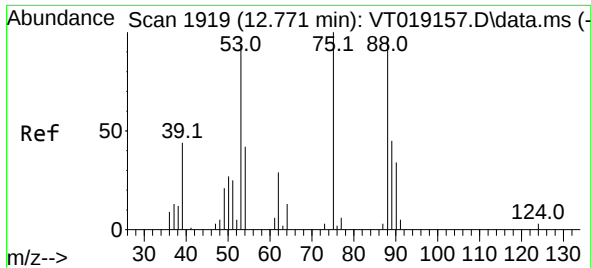
Tgt Ion: 91 Resp: 10623
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 2.352 ug/l
RT: 13.235 min Scan# 1998
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 105 Resp: 11436
Ion Ratio Lower Upper
105 100
120 49.6 0.0 93.0

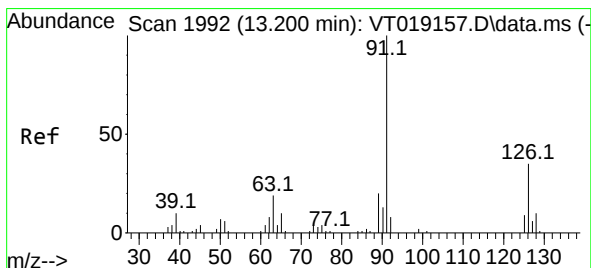
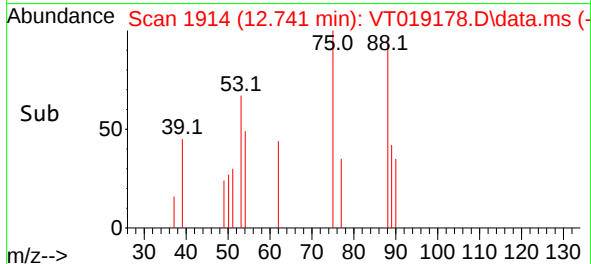
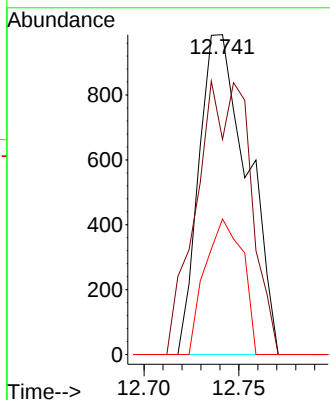
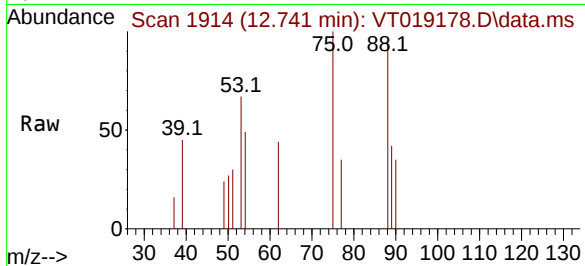




#77
t-1,4-Dichloro-2-butene
Concen: 2.103 ug/l
RT: 12.741 min Scan# 1914
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

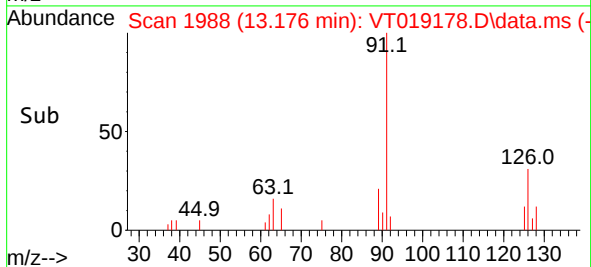
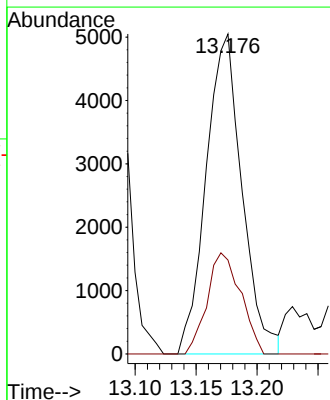
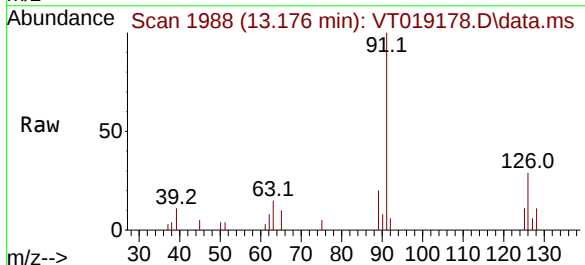
Instrument : MSVOA_T
ClientSampleId : MDL03

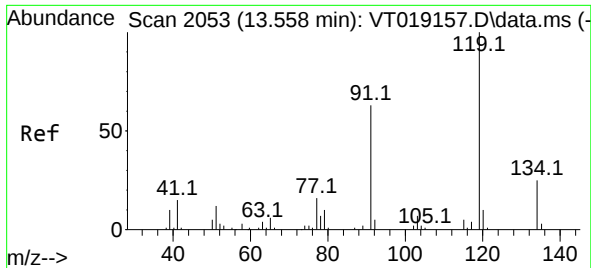
Tgt Ion:	75	Resp:	1754
Ion	Ratio	Lower	Upper
75	100		
53	67.2	48.4	145.2
89	42.4	33.8	101.3



#78
4-Chlorotoluene
Concen: 2.396 ug/l
RT: 13.176 min Scan# 1988
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:	91	Resp:	10343
Ion	Ratio	Lower	Upper
91	100		
126	29.5	0.0	57.2

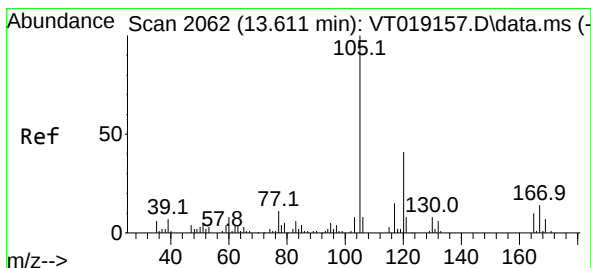
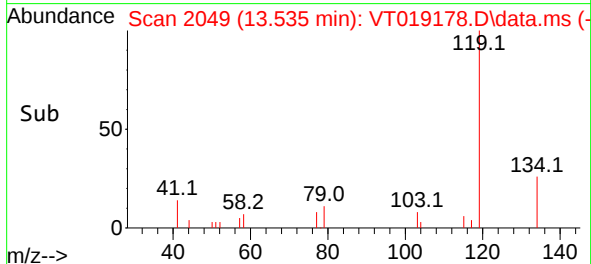
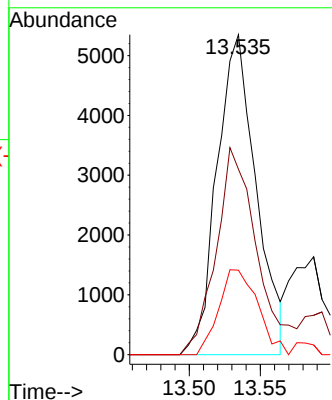
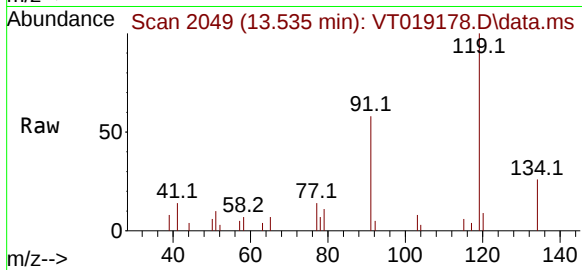




#79
tert-butylbenzene
Concen: 2.369 ug/l
RT: 13.535 min Scan# 2053
Delta R.T. -0.023 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

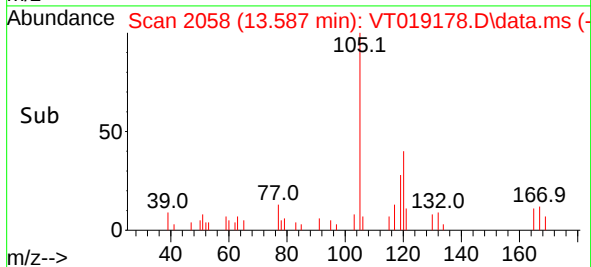
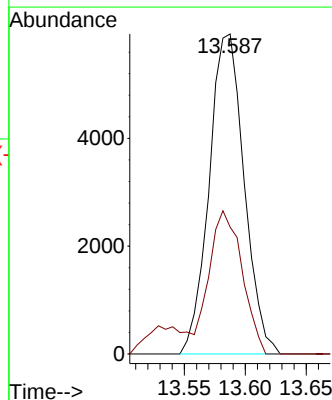
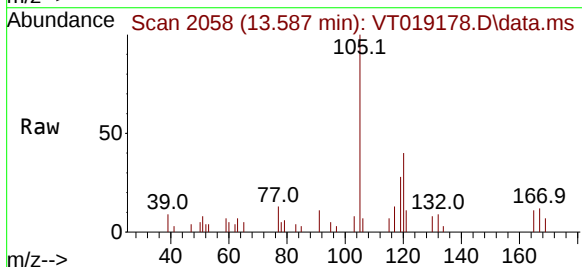
Instrument :
MSVOA_T
ClientSampleId :
MDL03

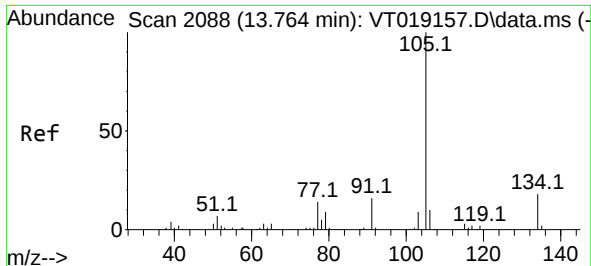
Tgt Ion:119 Resp: 10234
Ion Ratio Lower Upper
119 100
91 68.0 0.0 120.6
134 26.4 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 2.335 ug/l
RT: 13.587 min Scan# 2058
Delta R.T. -0.024 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:105 Resp: 11847
Ion Ratio Lower Upper
105 100
120 41.9 0.0 88.6





#81

sec-Butylbenzene

Concen: 2.295 ug/l

RT: 13.734 min Scan# 2105

Delta R.T. -0.030 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

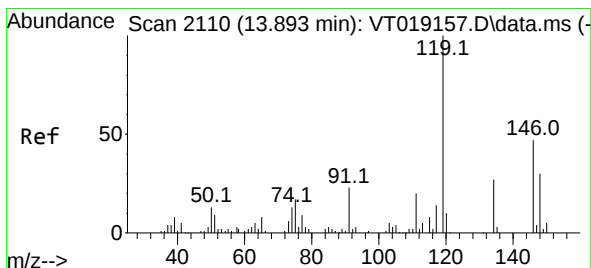
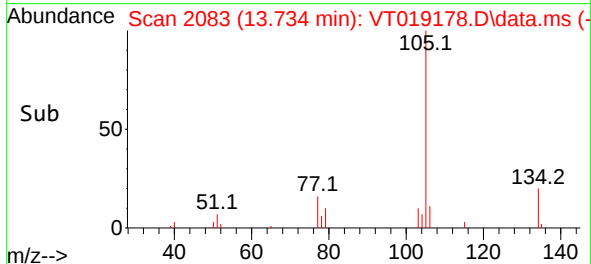
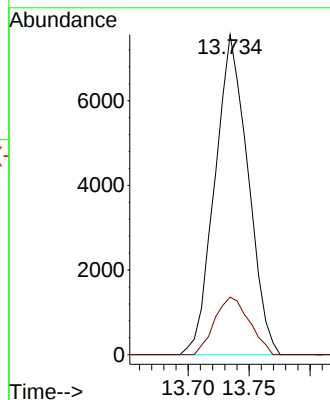
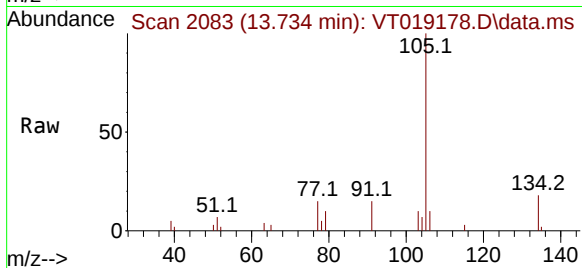
MDL03

Tgt Ion:105 Resp: 14283

Ion Ratio Lower Upper

105 100

134 18.9 0.0 39.4



#82

p-Isopropyltoluene

Concen: 2.356 ug/l

RT: 13.864 min Scan# 2105

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

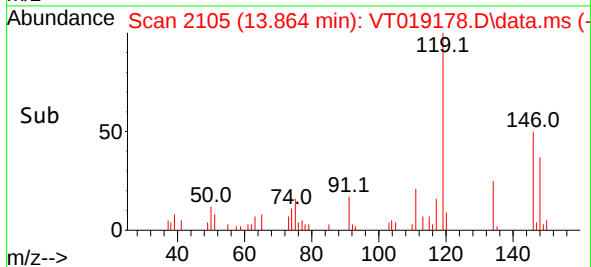
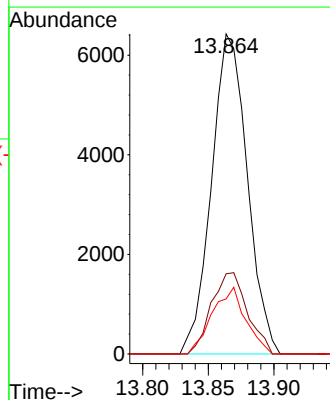
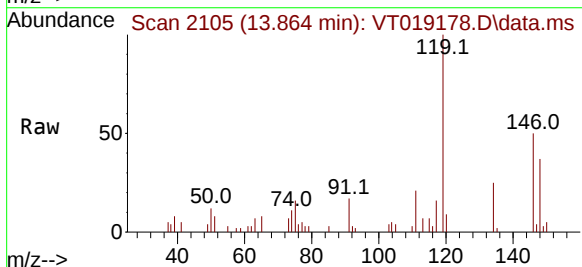
Tgt Ion:119 Resp: 12200

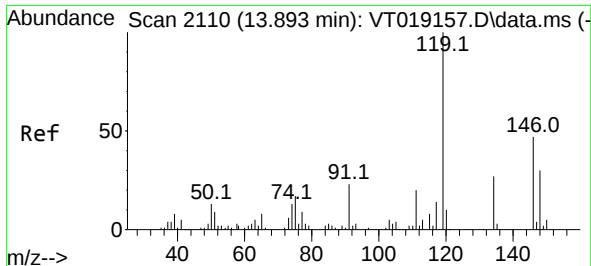
Ion Ratio Lower Upper

119 100

134 25.5 0.0 50.8

91 19.5 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 2.408 ug/l

RT: 13.864 min Scan# 2110

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

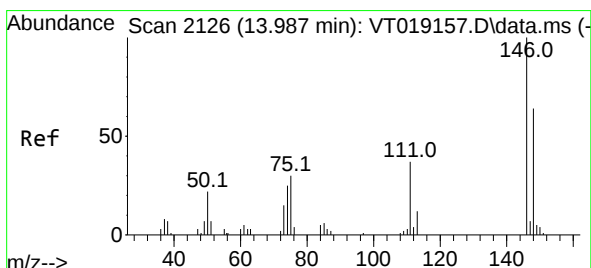
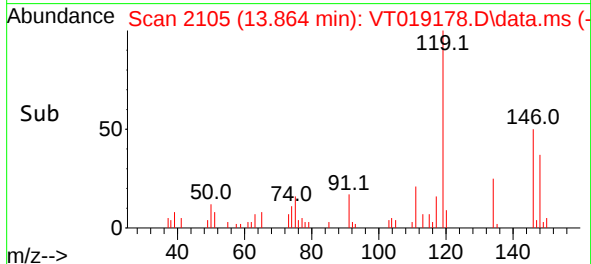
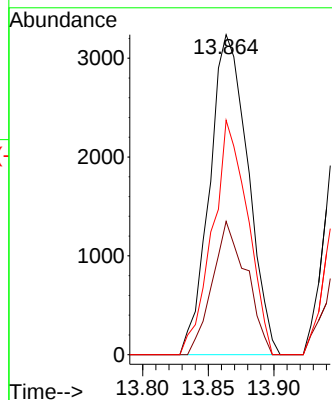
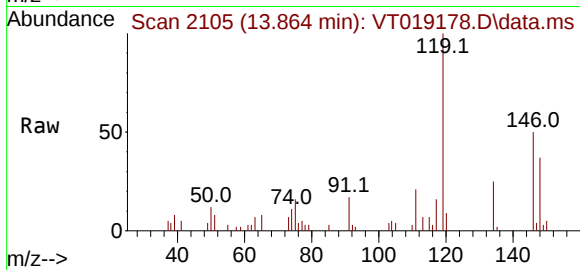
Tgt Ion:146 Resp: 6582

Ion Ratio Lower Upper

146 100

111 37.2 20.7 62.1

148 67.4 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 2.544 ug/l

RT: 13.958 min Scan# 2121

Delta R.T. -0.023 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

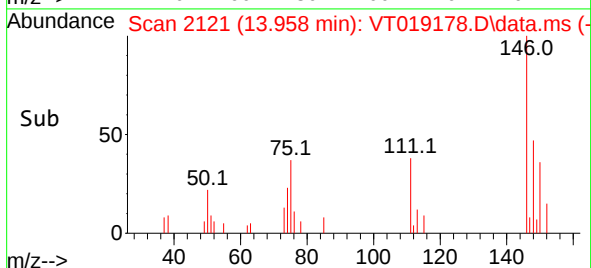
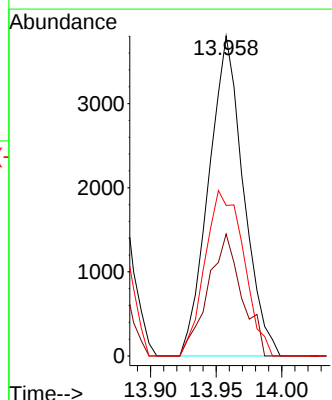
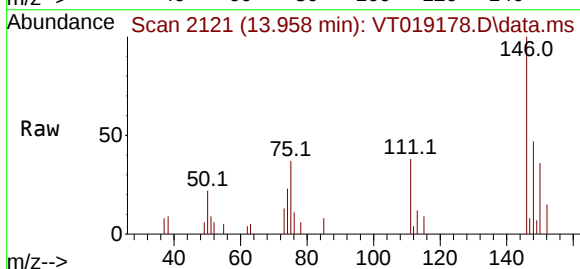
Tgt Ion:146 Resp: 7002

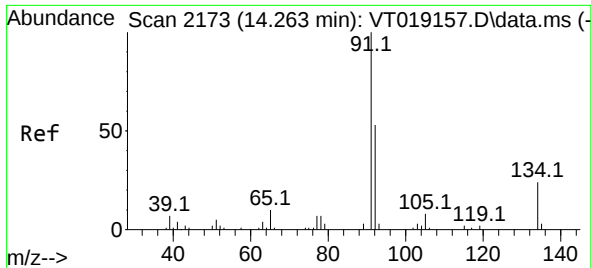
Ion Ratio Lower Upper

146 100

111 37.1 20.4 61.3

148 57.7 32.3 96.8

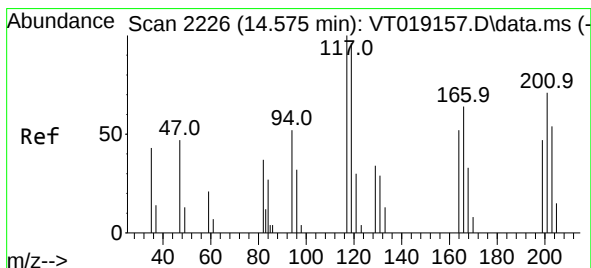
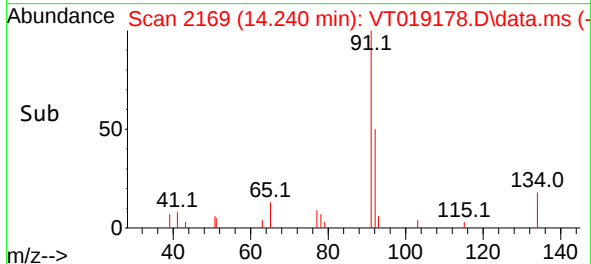
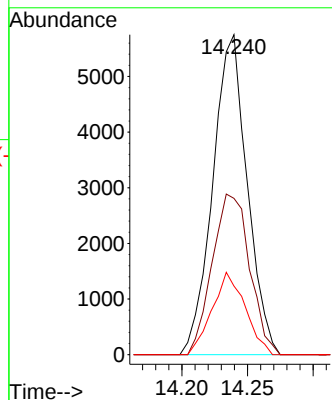
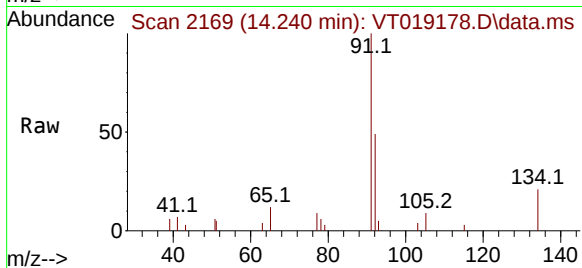




#85
n-Butylbenzene
Concen: 2.215 ug/l
RT: 14.240 min Scan# 2173
Delta R.T. -0.023 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

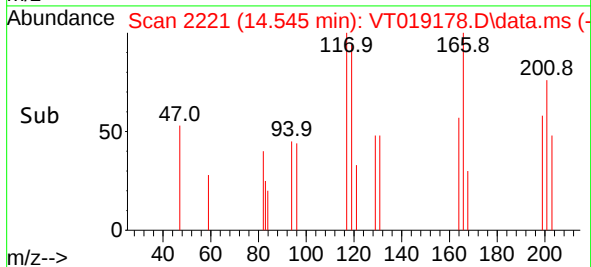
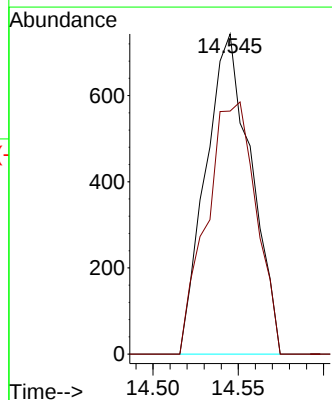
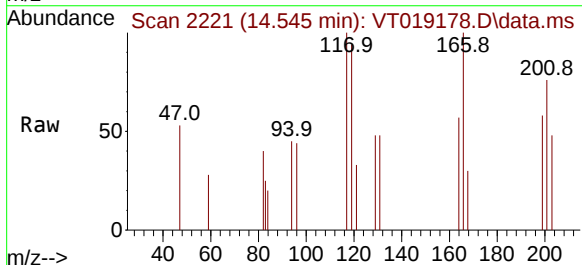
Instrument :
MSVOA_T
ClientSampleId :
MDL03

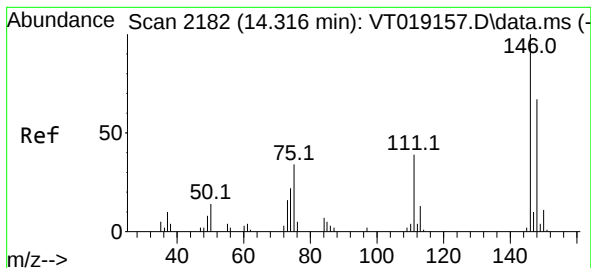
Tgt Ion: 91 Resp: 10496
Ion Ratio Lower Upper
91 100
92 54.5 0.0 107.8
134 24.7 0.0 50.0



#86
Hexachloroethane
Concen: 1.985 ug/l
RT: 14.545 min Scan# 2221
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion: 117 Resp: 1377
Ion Ratio Lower Upper
117 100
201 85.6 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 2.468 ug/l

RT: 14.287 min Scan# 2182

Delta R.T. -0.029 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

Instrument :

MSVOA_T

ClientSampleId :

MDL03

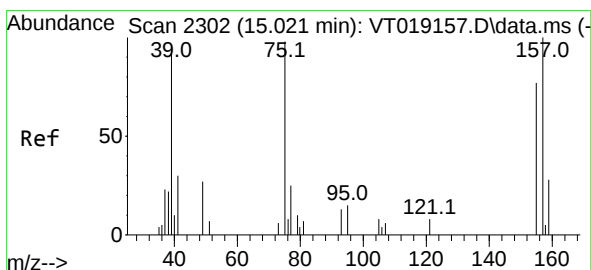
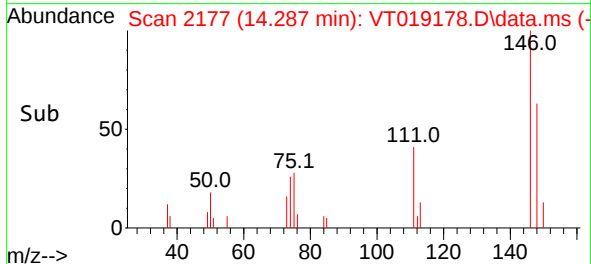
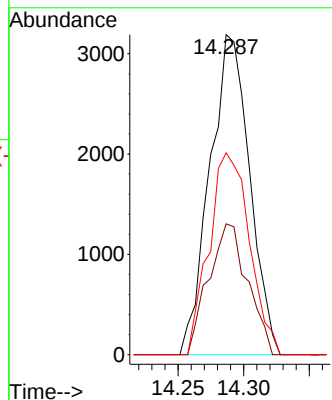
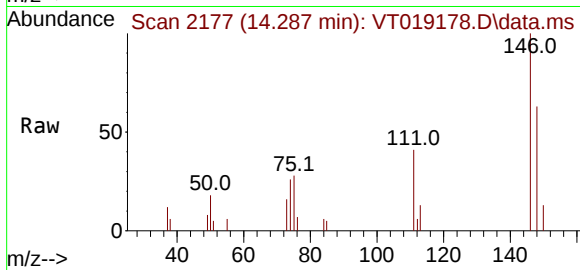
Tgt Ion:146 Resp: 6741

Ion Ratio Lower Upper

146 100

111 40.0 21.8 65.3

148 64.0 32.4 97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 1.750 ug/l

RT: 14.986 min Scan# 2296

Delta R.T. -0.035 min

Lab File: VT019178.D

Acq: 24 Oct 2025 14:42

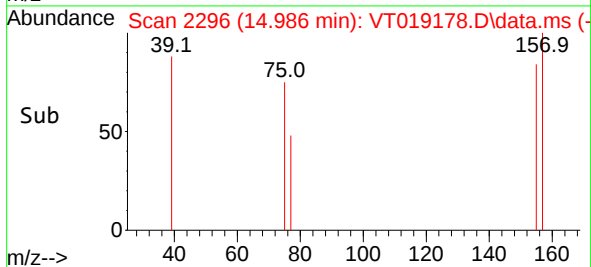
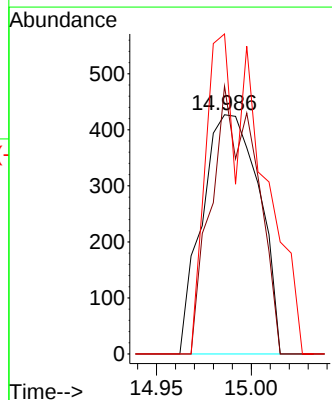
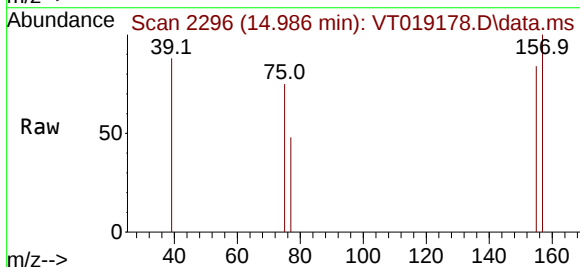
Tgt Ion: 75 Resp: 894

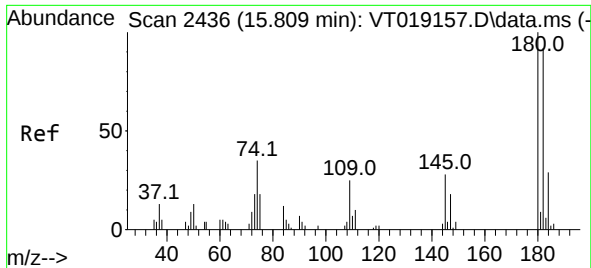
Ion Ratio Lower Upper

75 100

155 51.7 65.4 98.2#

157 66.9 82.0 123.0#

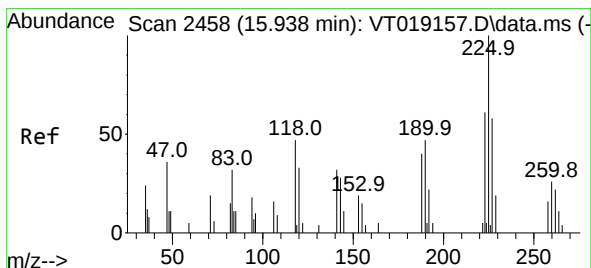
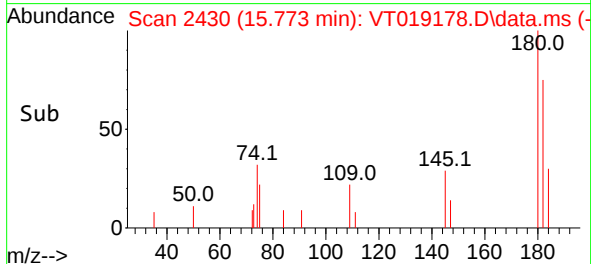
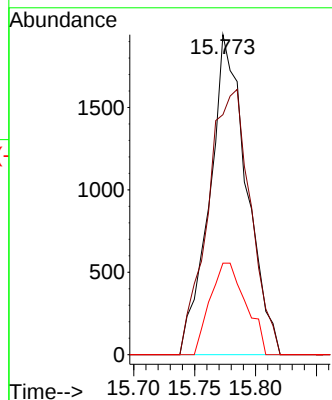
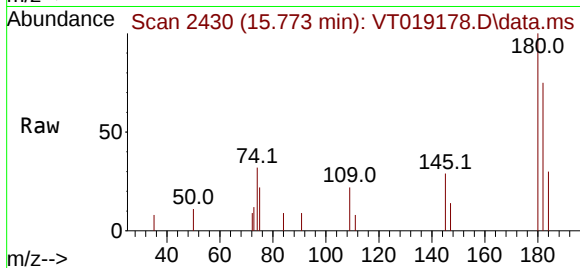




#89
1,2,4-Trichlorobenzene
Concen: 2.469 ug/l
RT: 15.773 min Scan# 2436
Delta R.T. -0.036 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

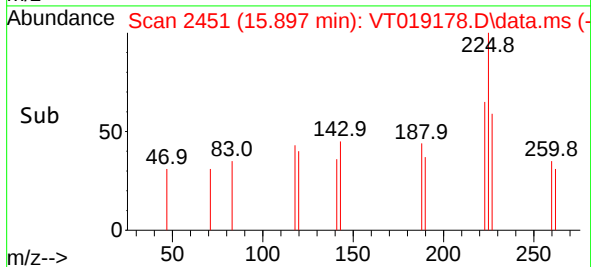
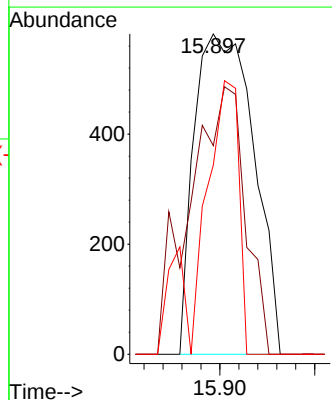
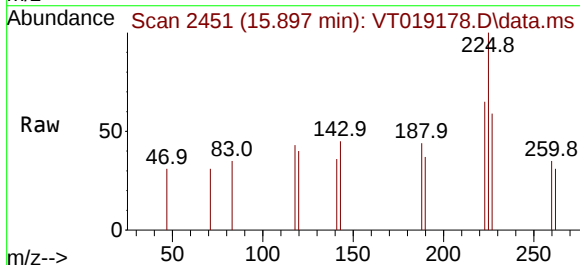
Instrument :
MSVOA_T
ClientSampleId :
MDL03

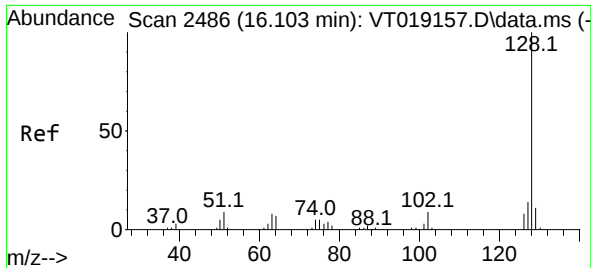
Tgt Ion:180 Resp: 4105
Ion Ratio Lower Upper
180 100
182 96.1 78.2 117.2
145 27.6 26.5 39.7



#90
Hexachlorobutadiene
Concen: 2.304 ug/l
RT: 15.897 min Scan# 2451
Delta R.T. -0.041 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:225 Resp: 1270
Ion Ratio Lower Upper
225 100
223 66.5 0.0 73.8
227 44.2 0.0 130.6

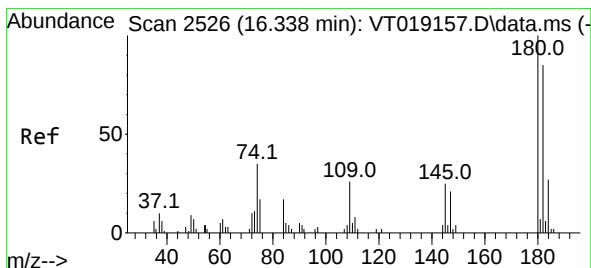
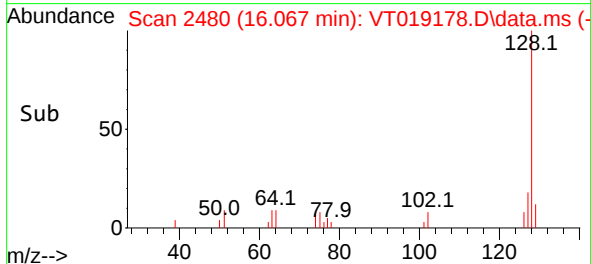
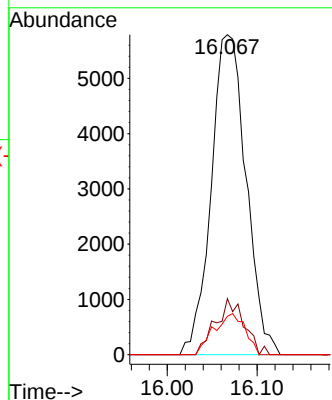
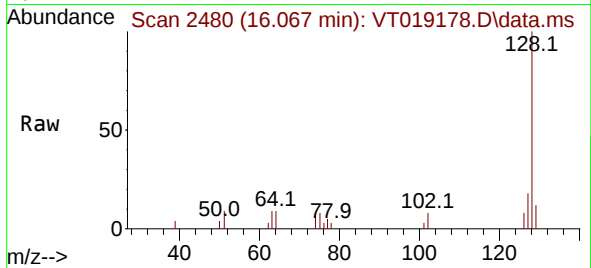




#91
Naphthalene
Concen: 2.430 ug/l
RT: 16.067 min Scan# 2486
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Instrument :
MSVOA_T
ClientSampleId :
MDL03

Tgt Ion:128 Resp: 15617
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 8.3 9.0 13.4#



#92
1,2,3-Trichlorobenzene
Concen: 2.286 ug/l
RT: 16.308 min Scan# 2521
Delta R.T. -0.030 min
Lab File: VT019178.D
Acq: 24 Oct 2025 14:42

Tgt Ion:180 Resp: 3836
Ion Ratio Lower Upper
180 100
182 96.8 0.0 189.0
145 23.4 0.0 69.2

