

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019214.D
 Acq On : 30 Oct 2025 12:59
 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 31 02:03:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 02:02:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.595	168	145122	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.594	114	244862	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.766	117	197569	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.970	152	95157	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.983	65	111892	47.934	ug/l	0.05
Spiked Amount 50.000			Recovery	=	95.860%	
35) Dibromofluoromethane	7.518	113	78589	50.746	ug/l	0.05
Spiked Amount 50.000			Recovery	=	101.500%	
50) Toluene-d8	10.268	98	312066	49.620	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.240%	
62) 4-Bromofluorobenzene	12.900	95	95615	48.361	ug/l	0.04
Spiked Amount 50.000			Recovery	=	96.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.890	85	2639	3.088	ug/l	92
3) Chloromethane	2.089	50	1082	0.821	ug/l #	42
4) Vinyl Chloride	2.207	62	4948	2.937	ug/l	98
5) Bromomethane	2.554	94	3961	4.364	ug/l	99
6) Chloroethane	2.695	64	4235	2.770	ug/l	99
7) Trichlorofluoromethane	3.000	101	8612	2.761	ug/l	96
8) Diethyl Ether	3.370	74	4130	2.760	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.705	101	3898	2.576	ug/l	90
10) Methyl Iodide	3.893	142	2128	1.737	ug/l #	80
11) Tert butyl alcohol	4.681	59	8132	16.390	ug/l	95
12) 1,1-Dichloroethene	3.676	96	3313	2.369	ug/l	96
13) Acrolein	3.564	56	1469	17.355	ug/l #	82
14) Allyl chloride	4.246	41	7453	2.702	ug/l	92
15) Acrylonitrile	4.874	53	16723	13.820	ug/l	100
16) Acetone	3.752	43	32713	20.552	ug/l	96
17) Carbon Disulfide	3.975	76	6318	3.324	ug/l	99
18) Methyl Acetate	4.240	43	7707	1.876	ug/l	94
19) Methyl tert-butyl Ether	4.927	73	16885	2.673	ug/l	96
20) Methylene Chloride	4.446	84	4507	2.888	ug/l #	84
21) trans-1,2-Dichloroethene	4.921	96	3157	2.651	ug/l	83
22) Diisopropyl ether	5.832	45	16999	2.596	ug/l #	88
23) Vinyl Acetate	5.768	43	65923	14.094	ug/l	100
24) 1,1-Dichloroethane	5.721	63	8230	2.687	ug/l	97
25) 2-Butanone	6.725	43	28832	16.149	ug/l	94
26) 2,2-Dichloropropane	6.708	77	7054	2.669	ug/l	94
27) cis-1,2-Dichloroethene	6.713	96	4474	2.677	ug/l	92
28) Bromochloromethane	7.095	49	516	0.315	ug/l #	20
29) Tetrahydrofuran	7.119	42	14115	13.588	ug/l	94
30) Chloroform	7.278	83	7486	2.611	ug/l	90
31) Cyclohexane	7.589	56	9097	3.994	ug/l #	60
32) 1,1,1-Trichloroethane	7.495	97	5955	2.609	ug/l	98
36) 1,1-Dichloropropene	7.730	75	5127	2.943	ug/l #	68
37) Ethyl Acetate	6.819	43	8701	2.934	ug/l #	96
38) Carbon Tetrachloride	7.706	117	3789	2.392	ug/l	89
39) Methylcyclohexane	9.140	83	5173	2.688	ug/l #	81
40) Benzene	7.994	78	16071	2.725	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.066	41	4665	3.127	ug/l #	75
42) 1,2-Dichloroethane	8.088	62	5559	2.683	ug/l	100
43) Isopropyl Acetate	8.129	43	13312	2.823	ug/l	99
44) Trichloroethene	8.870	130	3385	2.937	ug/l	99
45) 1,2-Dichloropropane	9.175	63	4115	2.743	ug/l	98
46) Dibromomethane	9.275	93	2249	2.491	ug/l	92
47) Bromodichloromethane	9.493	83	5362	2.634	ug/l	97
48) Methyl methacrylate	9.269	41	5416	2.557	ug/l	94
49) 1,4-Dioxane	9.269	88	2361	59.350	ug/l	97
51) 4-Methyl-2-Pentanone	10.145	43	37683	13.269	ug/l	99
52) Toluene	10.339	92	9590	2.846	ug/l	98
53) t-1,3-Dichloropropene	10.597	75	5890	2.673	ug/l	96
54) cis-1,3-Dichloropropene	9.980	75	5873	2.574	ug/l #	86
55) 1,1,2-Trichloroethane	10.803	97	3654	2.750	ug/l	94
56) Ethyl methacrylate	10.650	69	6682	2.616	ug/l	94
57) 1,3-Dichloropropane	10.961	76	6972	2.956	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.822	63	11367	16.538	ug/l	99
59) 2-Hexanone	11.014	43	32935	15.309	ug/l	96
60) Dibromochloromethane	11.185	129	3410	2.545	ug/l	95
61) 1,2-Dibromoethane	11.308	107	3436	2.777	ug/l	96
64) Tetrachloroethene	10.873	164	2702	3.009	ug/l #	77
65) Chlorobenzene	11.796	112	10350	2.919	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.878	131	3205	2.640	ug/l	94
67) Ethyl Benzene	11.884	91	18014	2.717	ug/l	99
68) m/p-Xylenes	12.007	106	13201	5.391	ug/l	100
69) o-Xylene	12.378	106	6684	2.746	ug/l	98
70) Styrene	12.395	104	11536	2.632	ug/l	97
71) Bromoform	12.589	173	2340	2.521	ug/l #	90
73) Isopropylbenzene	12.724	105	16924	2.584	ug/l	98
74) N-amyl acetate	12.507	43	8477	2.565	ug/l	93
75) 1,1,2,2-Tetrachloroethane	13.012	83	5977	2.663	ug/l	97
76) 1,2,3-Trichloropropane	13.071	75	8314	4.246	ug/l #	100
77) Bromobenzene	13.041	156	3881	2.792	ug/l	87
78) n-propylbenzene	13.112	91	21406	2.750	ug/l	97
79) 2-Chlorotoluene	13.212	91	12252	2.748	ug/l	98
80) 1,3,5-Trimethylbenzene	13.271	105	13507	2.567	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.777	75	1848	2.214	ug/l	96
82) 4-Chlorotoluene	13.318	91	12497	2.754	ug/l	99
83) tert-Butylbenzene	13.570	119	13775	2.828	ug/l	98
84) 1,2,4-Trimethylbenzene	13.617	105	14102	2.639	ug/l	95
85) sec-Butylbenzene	13.770	105	19601	2.744	ug/l	100
86) p-Isopropyltoluene	13.905	119	15936	2.672	ug/l	96
87) 1,3-Dichlorobenzene	13.911	146	8006	2.807	ug/l	98
88) 1,4-Dichlorobenzene	13.993	146	8943	3.113	ug/l	88
89) n-Butylbenzene	14.275	91	14604	2.651	ug/l	95
90) Hexachloroethane	14.581	117	2323	2.525	ug/l	98
91) 1,2-Dichlorobenzene	14.328	146	8070	2.889	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.033	75	1359	2.807	ug/l	92
93) 1,2,4-Trichlorobenzene	15.826	180	5609	3.122	ug/l	96
94) Hexachlorobutadiene	15.944	225	2141	2.889	ug/l	98
95) Naphthalene	16.114	128	23540	3.742	ug/l	98
96) 1,2,3-Trichlorobenzene	16.344	180	6093	3.437	ug/l	94

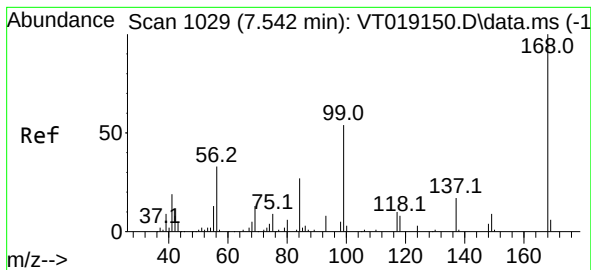
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.595 min Scan# 10

Delta R.T. 0.047 min

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Instrument :

MSVOA_T

ClientSampleId :

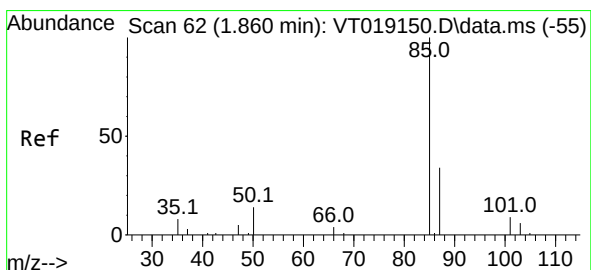
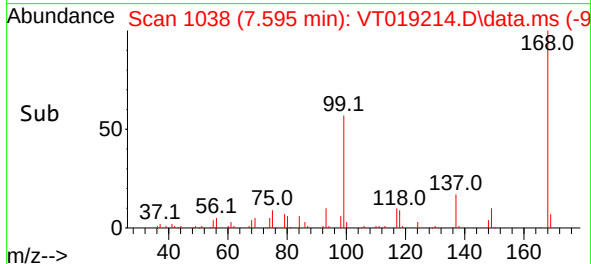
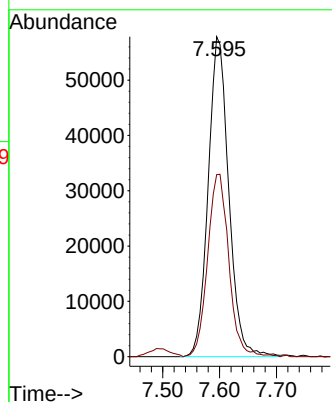
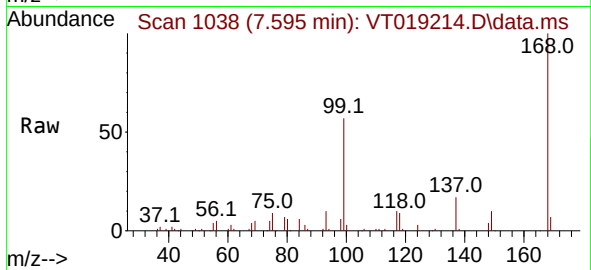
MDL03

Tgt Ion:168 Resp: 145122

Ion Ratio Lower Upper

168 100

99 56.9 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 3.088 ug/l

RT: 1.890 min Scan# 67

Delta R.T. 0.018 min

Lab File: VT019214.D

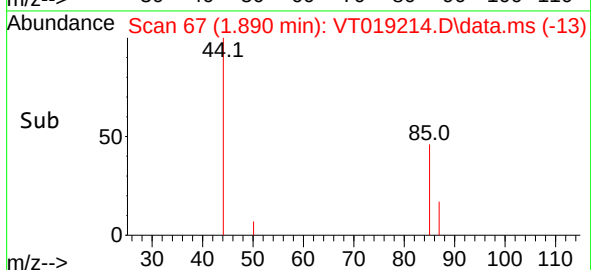
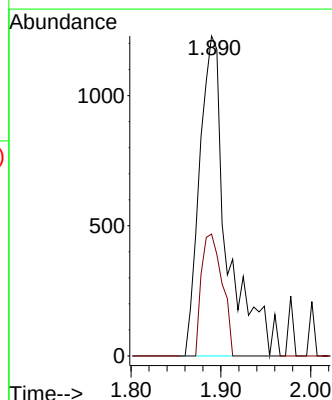
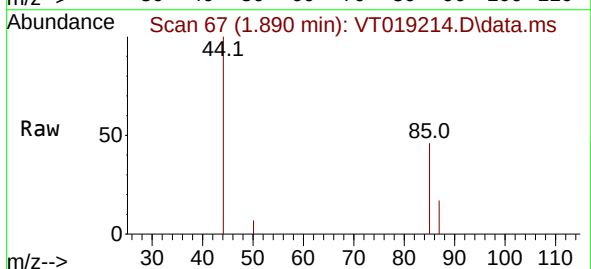
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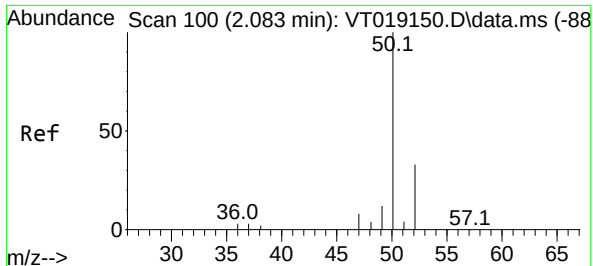
Tgt Ion: 85 Resp: 2639

Ion Ratio Lower Upper

85 100

87 38.1 16.8 50.4

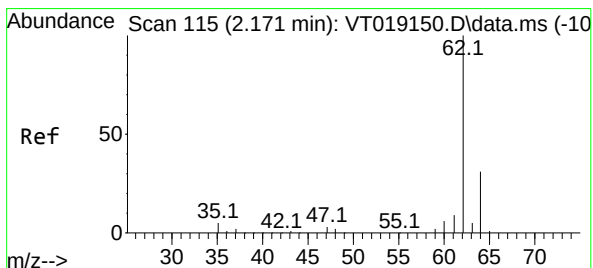
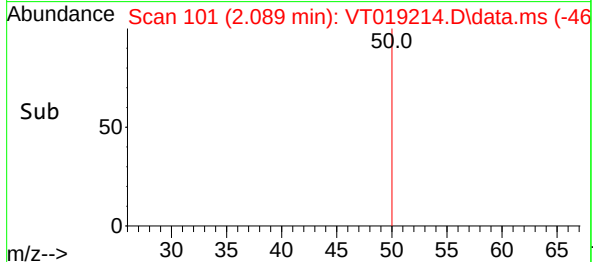
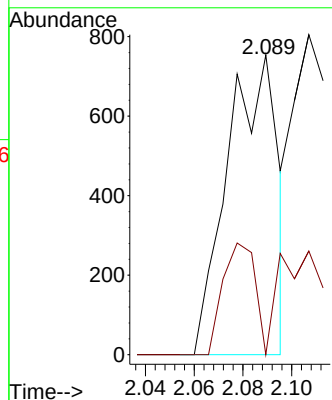
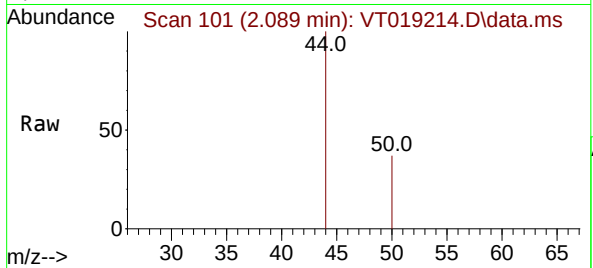




#3
Chloromethane
Concen: 0.821 ug/l
RT: 2.089 min Scan# 10
Delta R.T. 0.023 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

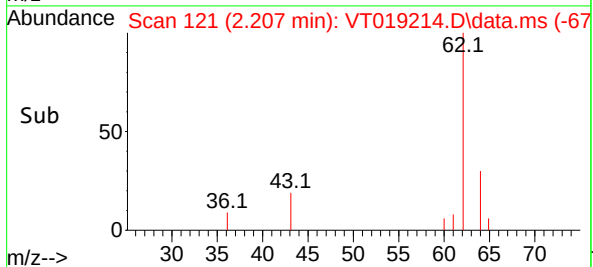
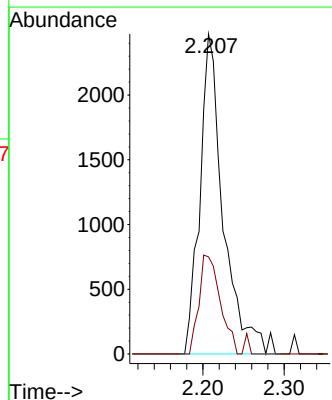
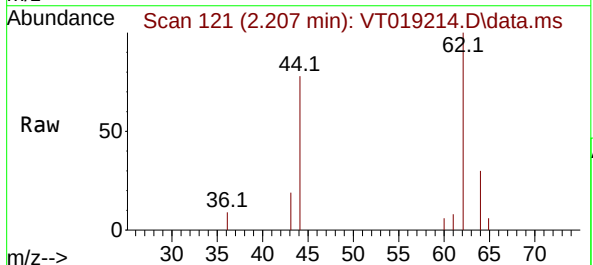
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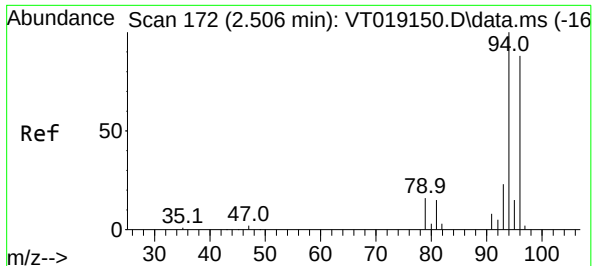
Tgt Ion: 50 Resp: 1082
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



#4
Vinyl Chloride
Concen: 2.937 ug/l
RT: 2.207 min Scan# 121
Delta R.T. 0.018 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 62 Resp: 4948
Ion Ratio Lower Upper
62 100
64 30.4 25.2 37.8

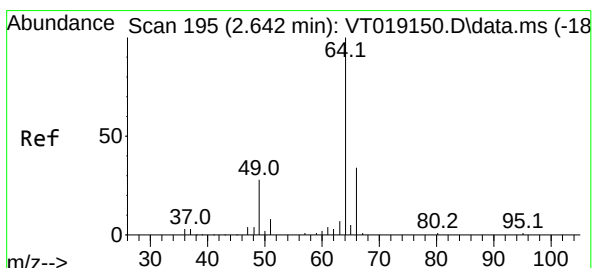
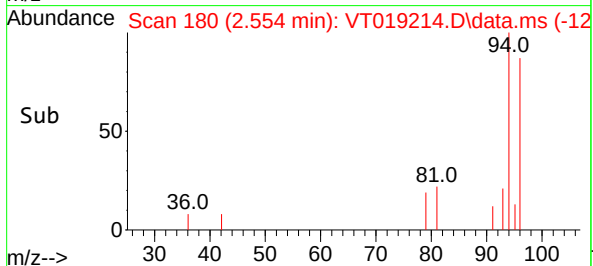
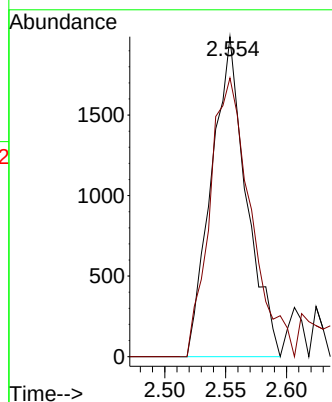
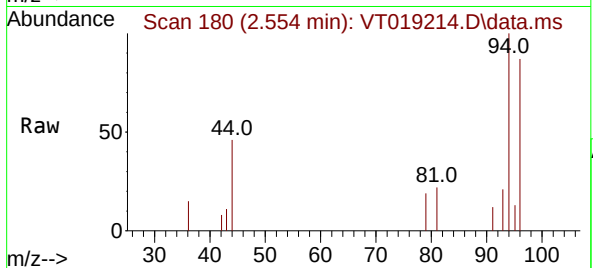




#5
Bromomethane
Concen: 4.364 ug/l
RT: 2.554 min Scan# 11
Delta R.T. 0.036 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

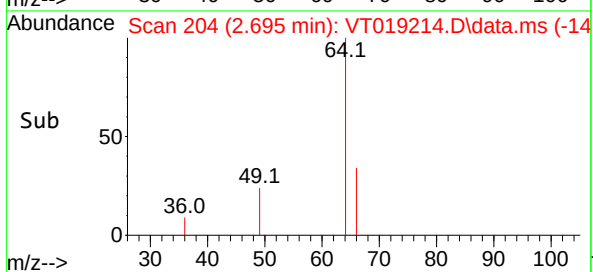
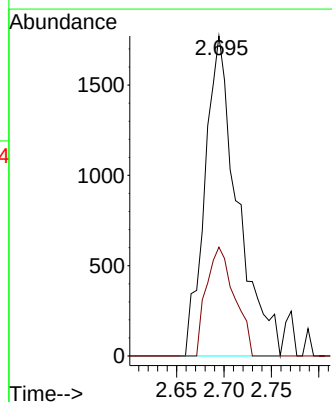
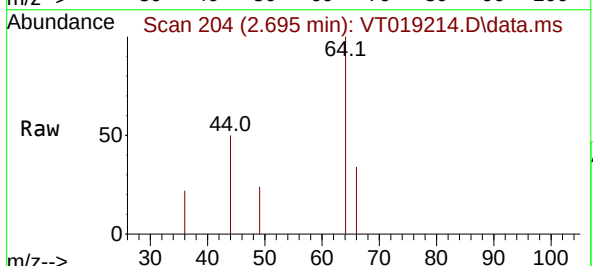
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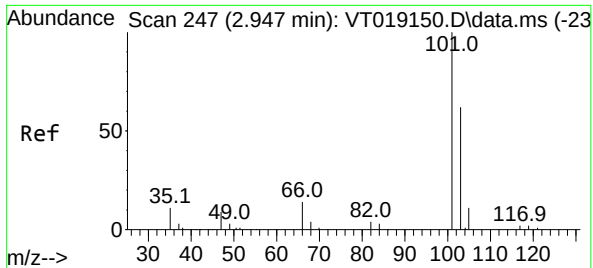
Tgt Ion: 94 Resp: 3961
Ion Ratio Lower Upper
94 100
96 87.1 70.8 106.2



#6
Chloroethane
Concen: 2.770 ug/l
RT: 2.695 min Scan# 204
Delta R.T. 0.036 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 64 Resp: 4235
Ion Ratio Lower Upper
64 100
66 34.0 26.9 40.3

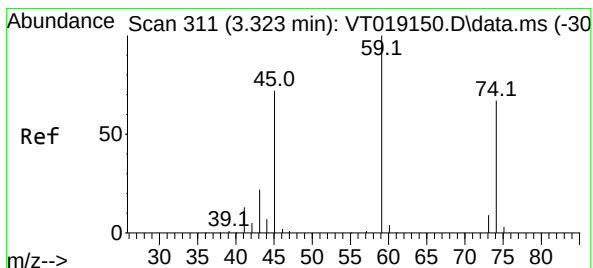
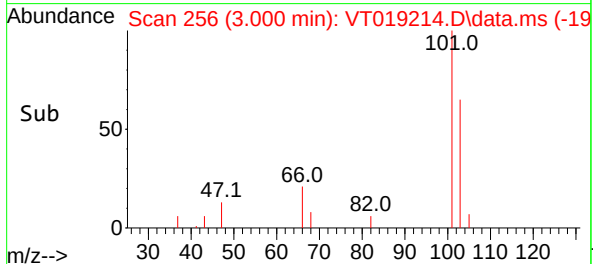
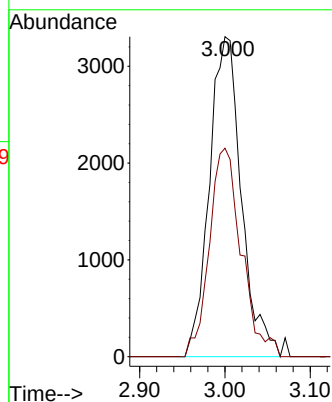
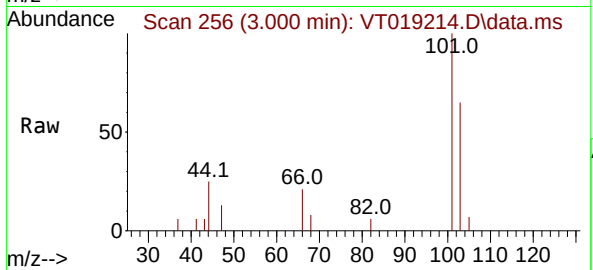




#7
 Trichlorofluoromethane
 Concen: 2.761 ug/l
 RT: 3.000 min Scan# 219
 Delta R.T. 0.035 min
 Lab File: VT019214.D
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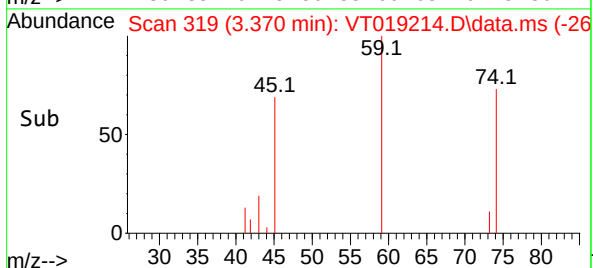
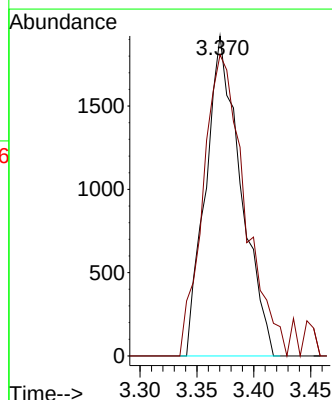
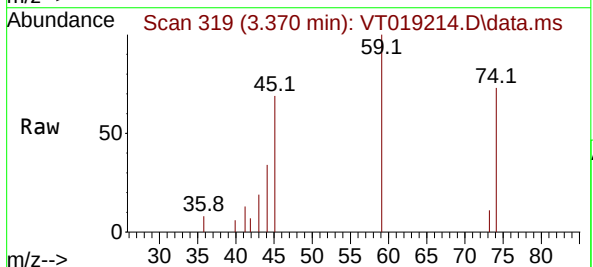
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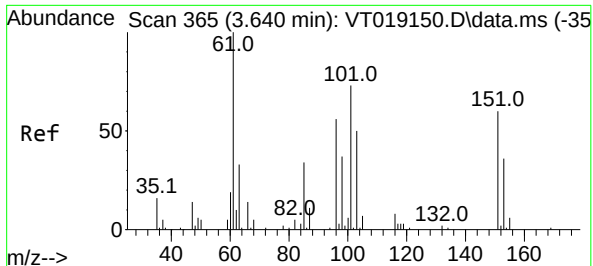
Tgt Ion:101 Resp: 8612
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.9 74.9



#8
 Diethyl Ether
 Concen: 2.760 ug/l
 RT: 3.370 min Scan# 319
 Delta R.T. 0.035 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

Tgt Ion: 74 Resp: 4130
 Ion Ratio Lower Upper
 74 100
 45 111.6 52.3 156.8

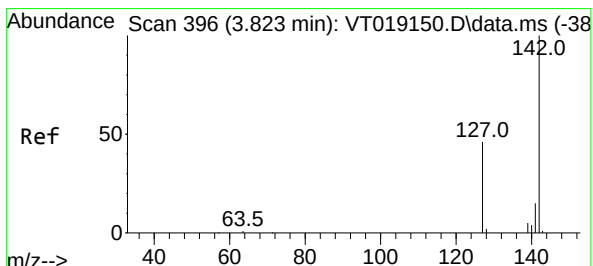
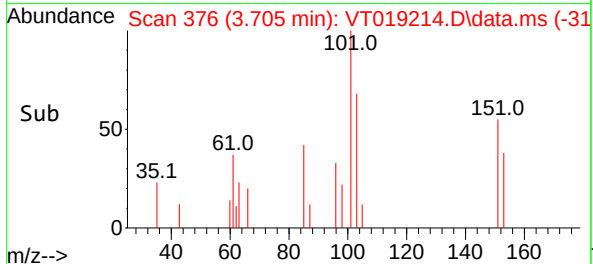
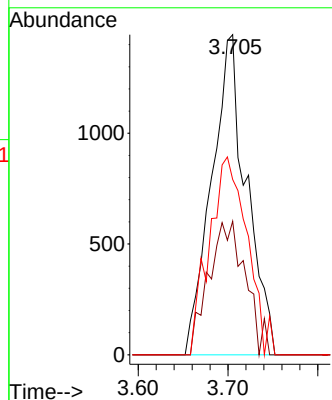
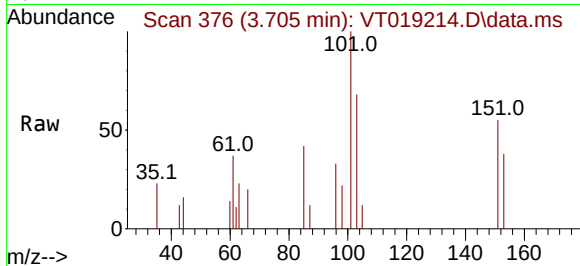




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.576 ug/l
RT: 3.705 min Scan# 31
Delta R.T. 0.053 min
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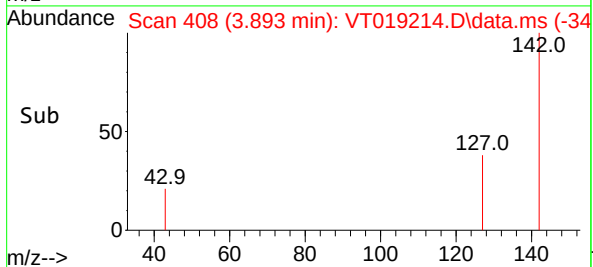
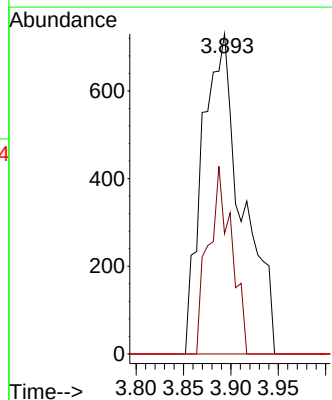
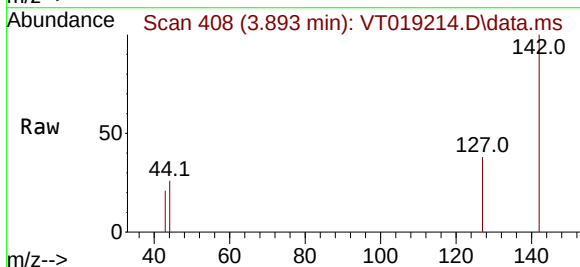
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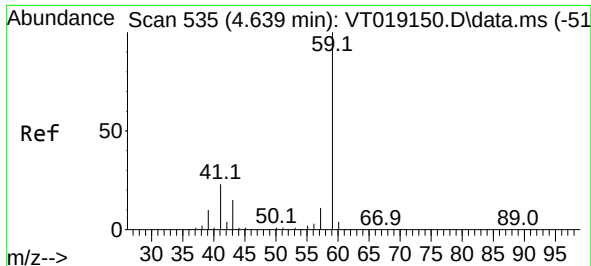
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Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 67.3 63.8 95.6



#10
Methyl Iodide
Concen: 1.737 ug/l
RT: 3.893 min Scan# 408
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:142 Resp: 2128
Ion Ratio Lower Upper
142 100
127 34.1 35.0 52.4#
141 0.0 11.4 17.2#

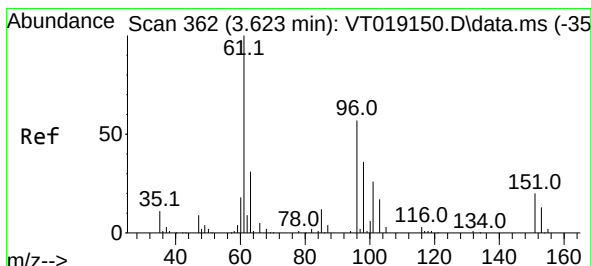
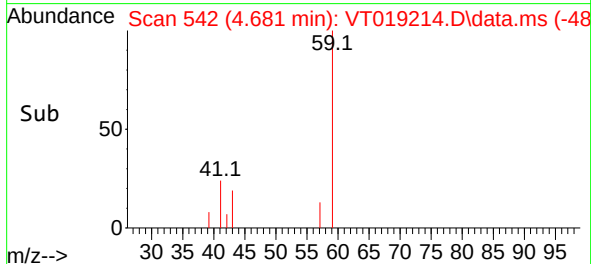
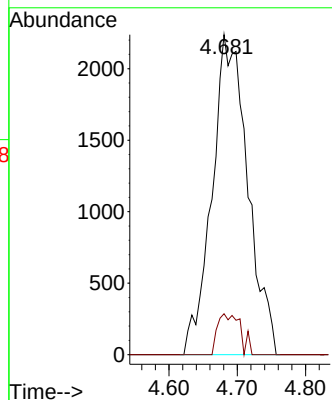
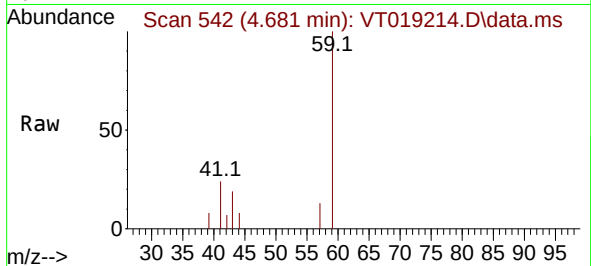




#11
Tert butyl alcohol
Concen: 16.390 ug/l
RT: 4.681 min Scan# 54
Delta R.T. 0.042 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

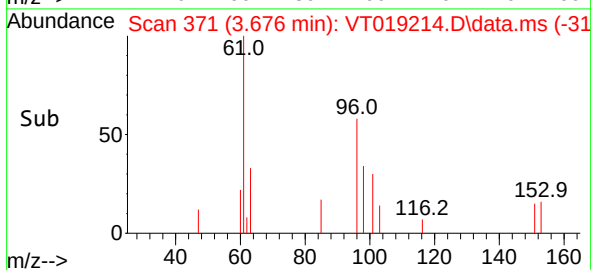
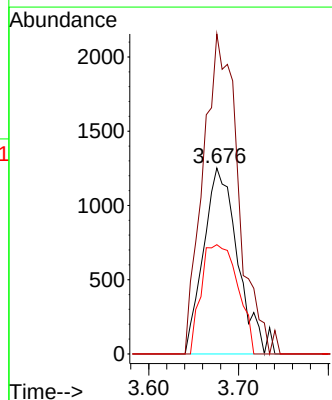
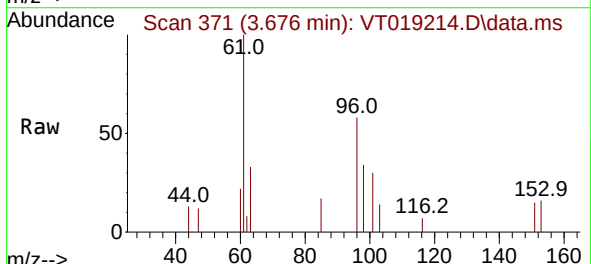
Instrument :
MSVOA_T
ClientSampleId :
MDL03

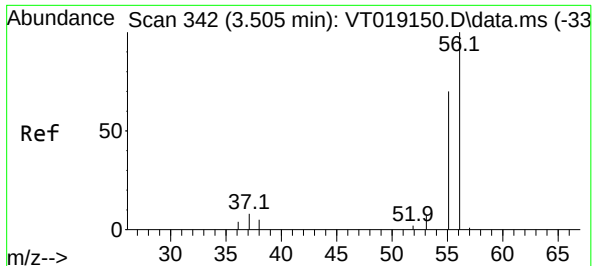
Tgt Ion: 59 Resp: 8132
Ion Ratio Lower Upper
59 100
57 8.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 2.369 ug/l
RT: 3.676 min Scan# 371
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 96 Resp: 3313
Ion Ratio Lower Upper
96 100
61 172.1 141.4 212.2
98 58.8 50.7 76.1





#13

Acrolein

Concen: 17.355 ug/l

RT: 3.564 min Scan# 3

Delta R.T. 0.047 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

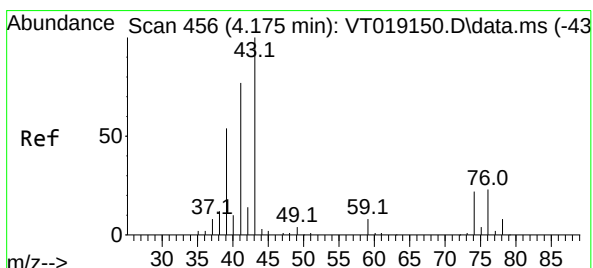
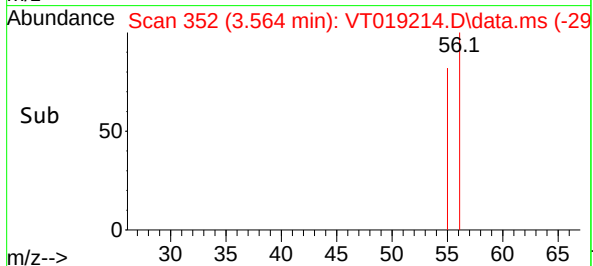
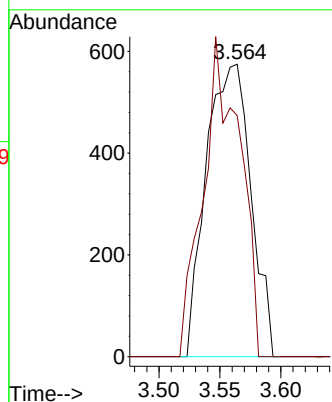
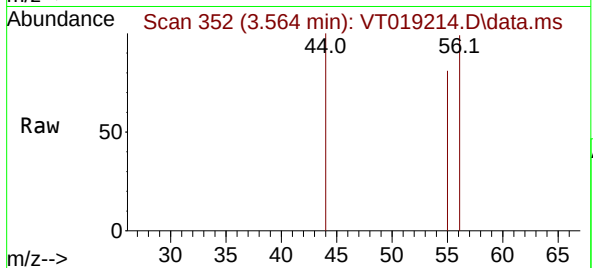
MDL03

Tgt Ion: 56 Resp: 1469

Ion Ratio Lower Upper

56 100

55 89.7 59.4 89.0#



#14

Allyl chloride

Concen: 2.702 ug/l

RT: 4.246 min Scan# 468

Delta R.T. 0.059 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

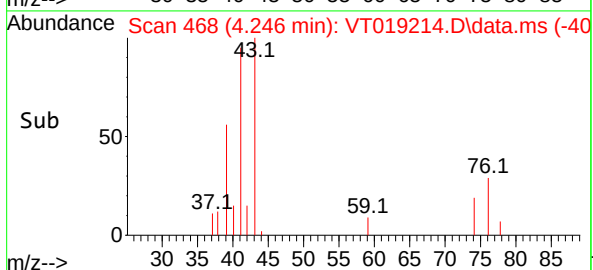
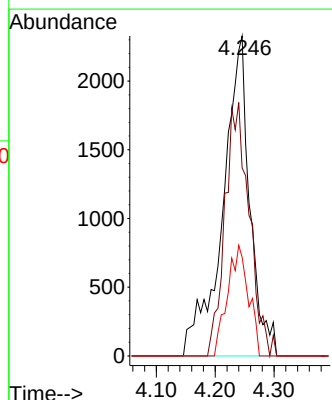
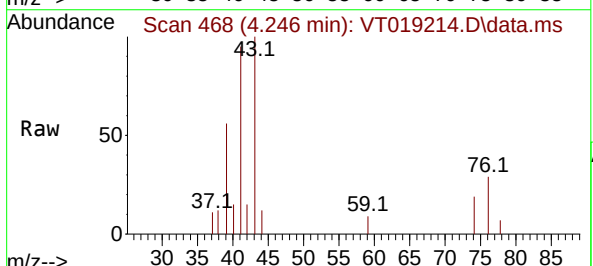
Tgt Ion: 41 Resp: 7453

Ion Ratio Lower Upper

41 100

39 71.0 49.9 74.9

76 26.8 20.8 31.2

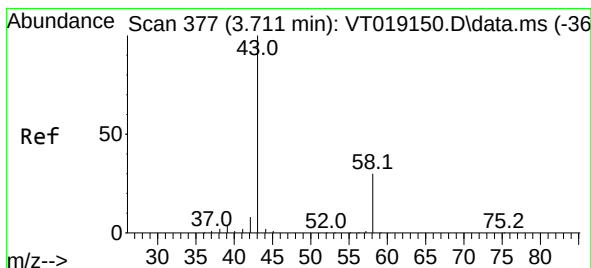
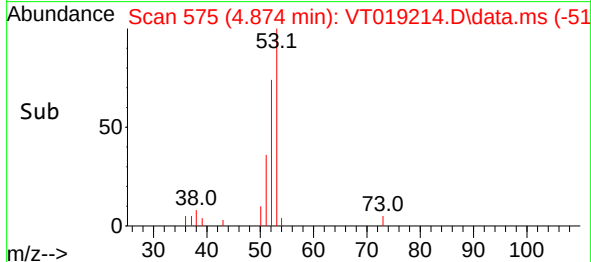
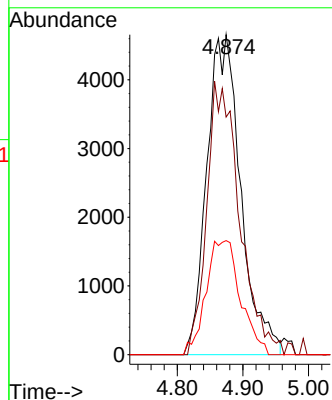
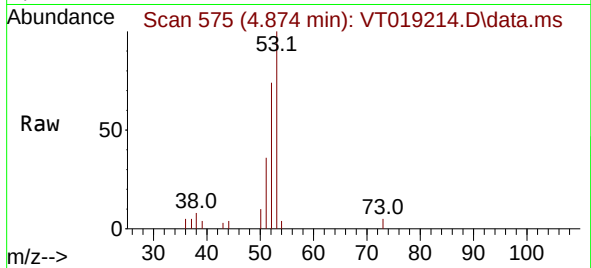




#15
Acrylonitrile
Concen: 13.820 ug/l
RT: 4.874 min Scan# 51
Delta R.T. 0.058 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

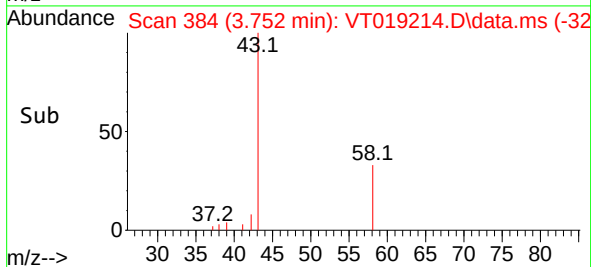
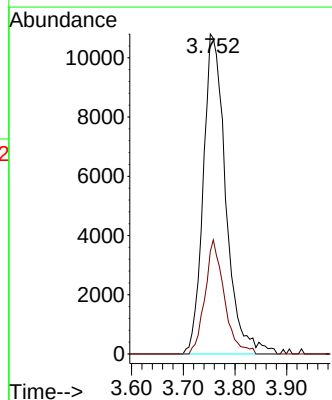
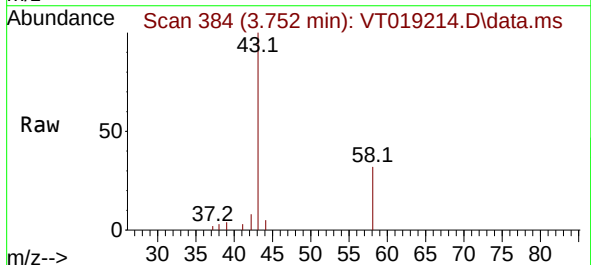
Instrument :
MSVOA_T
ClientSampleId :
MDL03

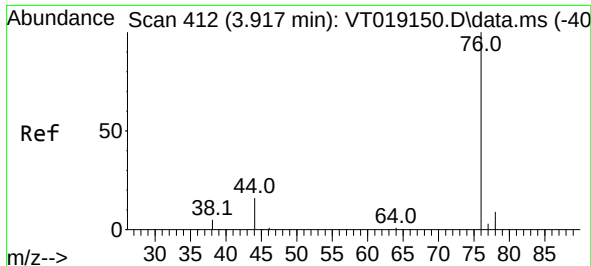
Tgt Ion: 53 Resp: 16723
Ion Ratio Lower Upper
53 100
52 82.4 65.9 98.9
51 36.2 29.4 44.2



#16
Acetone
Concen: 20.552 ug/l
RT: 3.752 min Scan# 384
Delta R.T. 0.035 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 43 Resp: 32713
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.8

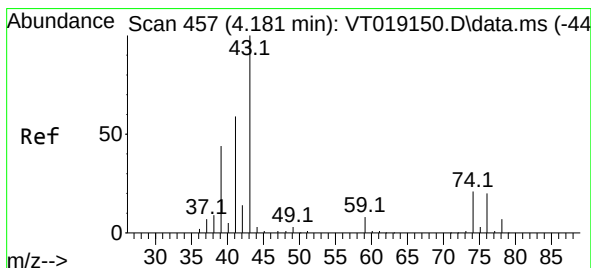
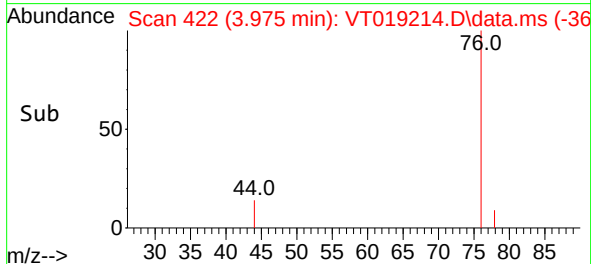
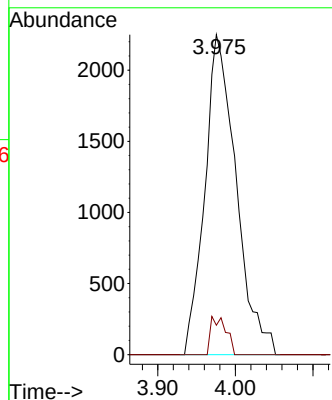
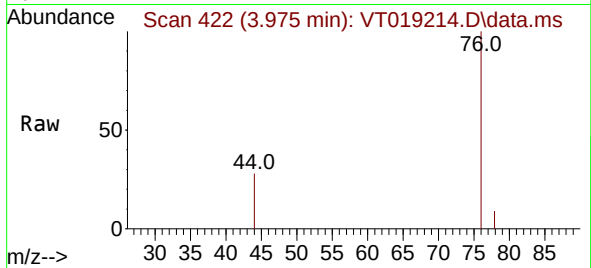




#17
Carbon Disulfide
Concen: 3.324 ug/l
RT: 3.975 min Scan# 412
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

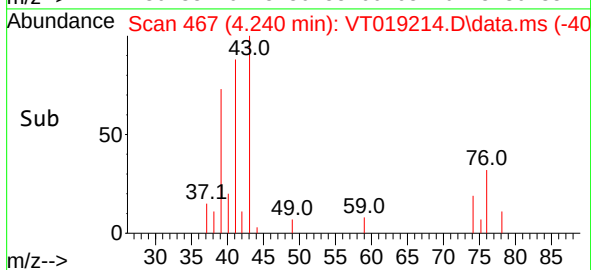
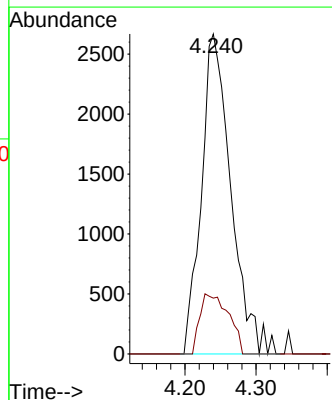
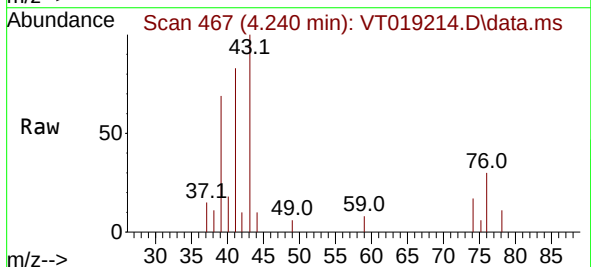
Instrument :
MSVOA_T
ClientSampleId :
MDL03

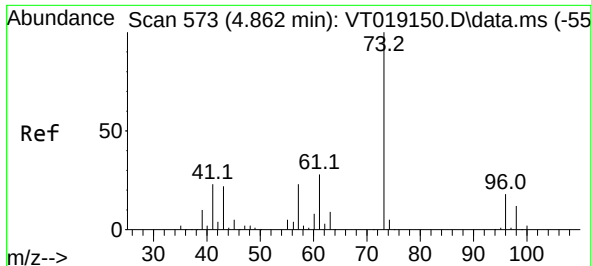
Tgt Ion: 76 Resp: 6318
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 1.876 ug/l
RT: 4.240 min Scan# 467
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 43 Resp: 7707
Ion Ratio Lower Upper
43 100
74 18.2 16.7 25.1

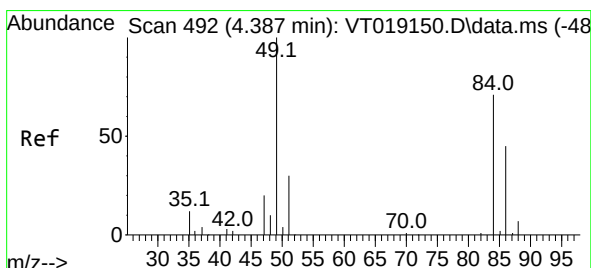
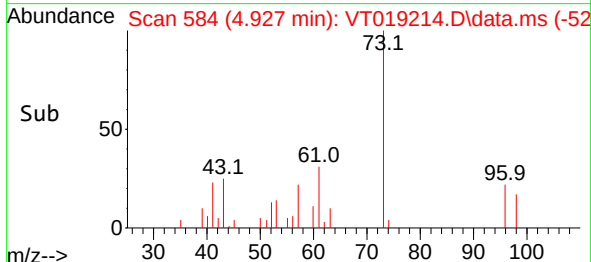
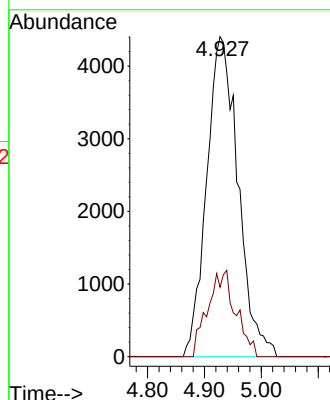
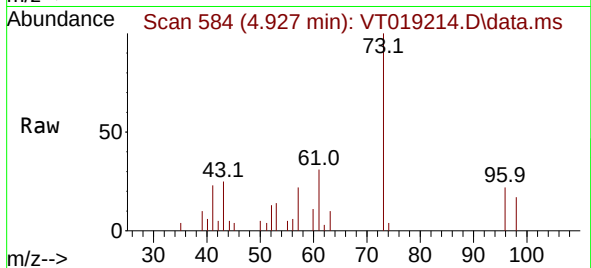




#19
Methyl tert-butyl Ether
Concen: 2.673 ug/l
RT: 4.927 min Scan# 51
Delta R.T. 0.059 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

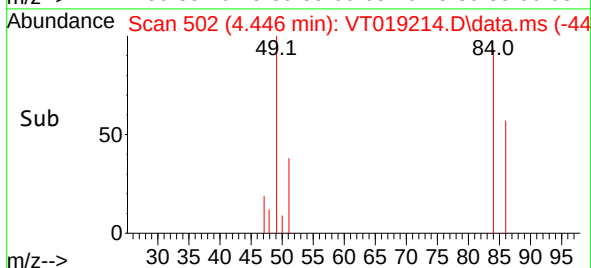
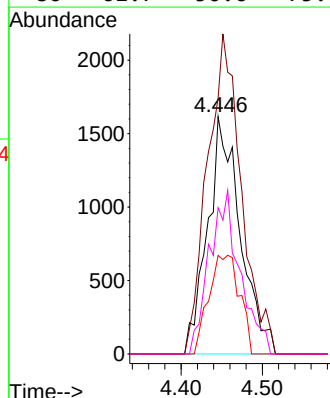
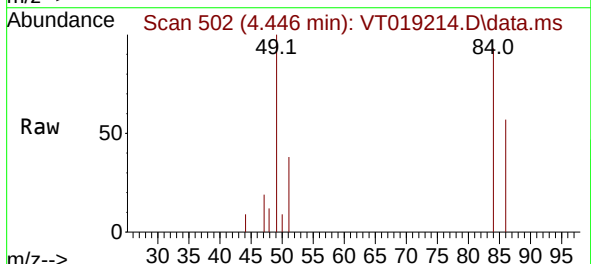
Instrument :
MSVOA_T
ClientSampleId :
MDL03

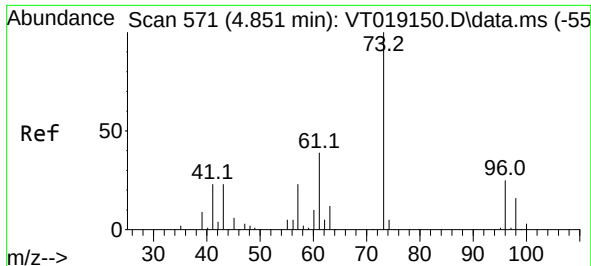
Tgt Ion: 73 Resp: 16885
Ion Ratio Lower Upper
73 100
57 21.7 18.8 28.2



#20
Methylene Chloride
Concen: 2.888 ug/l
RT: 4.446 min Scan# 502
Delta R.T. 0.048 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 84 Resp: 4507
Ion Ratio Lower Upper
84 100
49 107.9 113.1 169.7#
51 41.5 33.6 50.4
86 61.7 50.6 75.8

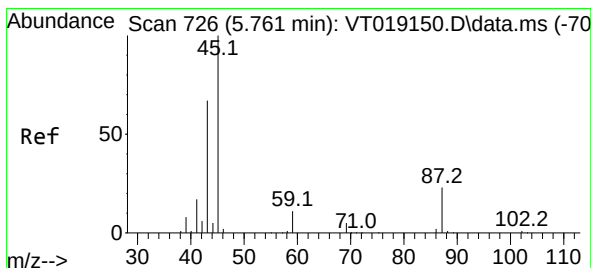
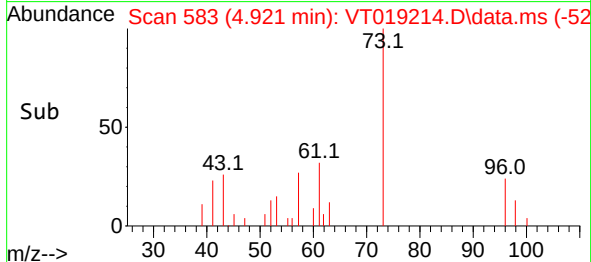
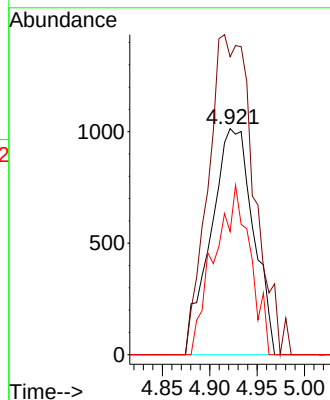
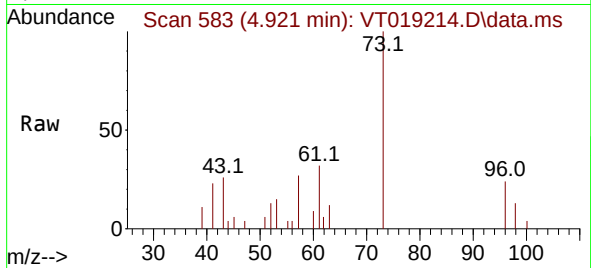




#21
trans-1,2-Dichloroethene
Concen: 2.651 ug/l
RT: 4.921 min Scan# 51
Delta R.T. 0.059 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

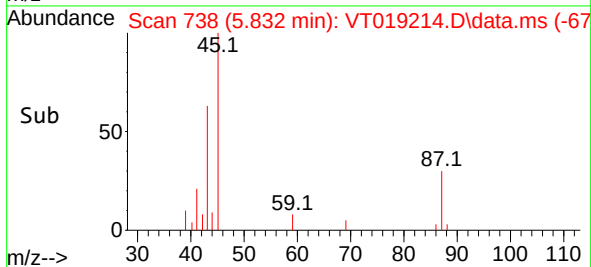
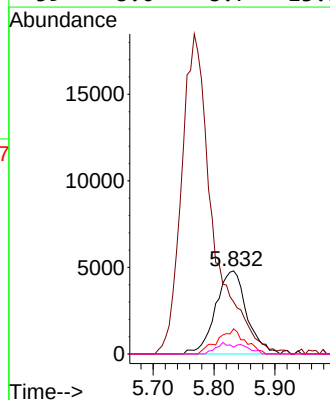
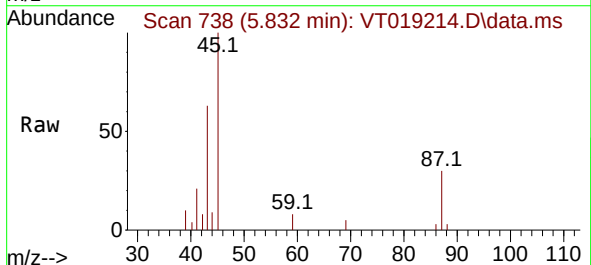
Instrument :
MSVOA_T
ClientSampleId :
MDL03

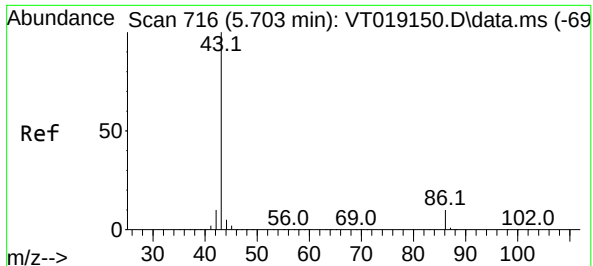
Tgt Ion: 96 Resp: 3157
Ion Ratio Lower Upper
96 100
61 131.8 124.6 187.0
98 54.4 50.9 76.3



#22
Diisopropyl ether
Concen: 2.596 ug/l
RT: 5.832 min Scan# 738
Delta R.T. 0.059 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 45 Resp: 16999
Ion Ratio Lower Upper
45 100
43 58.0 54.2 81.4
87 30.3 18.9 28.3#
59 8.0 8.7 13.1#

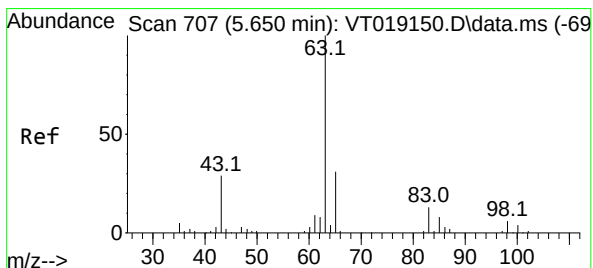
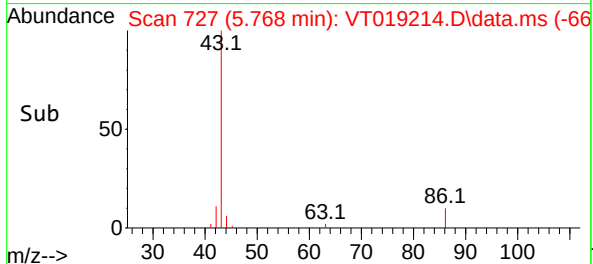
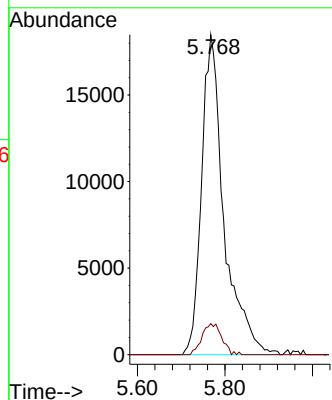
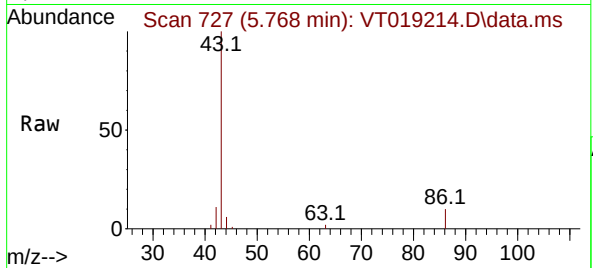




#23
 Vinyl Acetate
 Concen: 14.094 ug/l
 RT: 5.768 min Scan# 716
 Delta R.T. 0.059 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

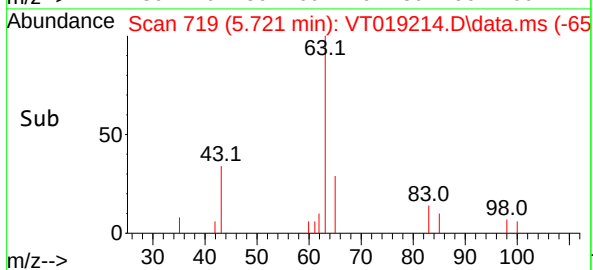
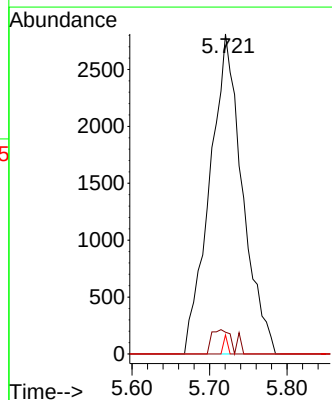
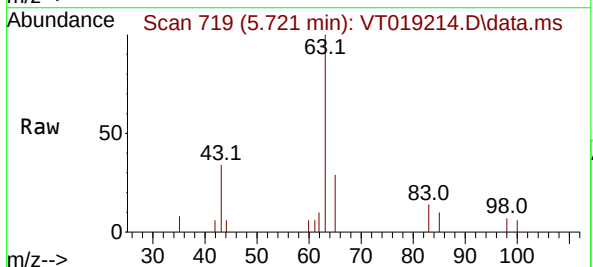
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL03

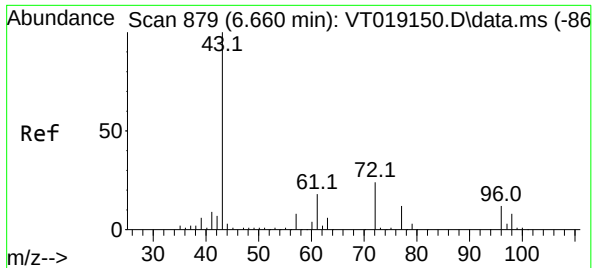
Tgt Ion: 43 Resp: 65923
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 2.687 ug/l
 RT: 5.721 min Scan# 719
 Delta R.T. 0.059 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

Tgt Ion: 63 Resp: 8230
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 5.9 2.0 6.0





#25

2-Butanone

Concen: 16.149 ug/l

RT: 6.725 min Scan# 890

Delta R.T. 0.059 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

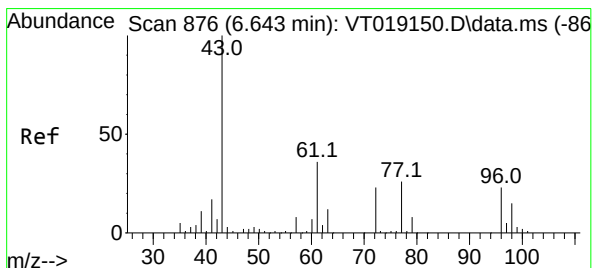
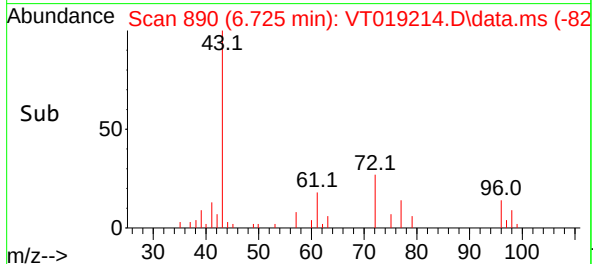
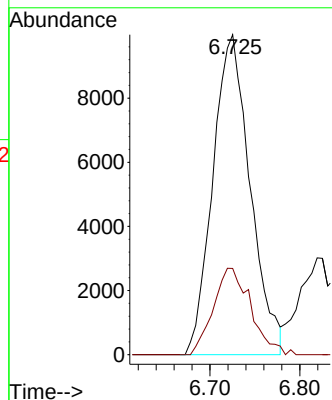
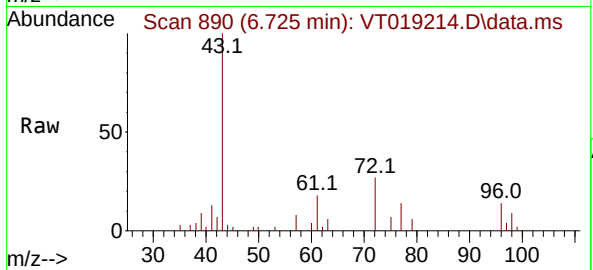
MDL03

Tgt Ion: 43 Resp: 28832

Ion Ratio Lower Upper

43 100

72 27.0 19.0 28.6



#26

2,2-Dichloropropane

Concen: 2.669 ug/l

RT: 6.708 min Scan# 887

Delta R.T. 0.053 min

Lab File: VT019214.D

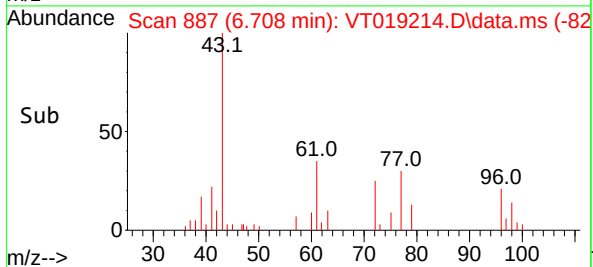
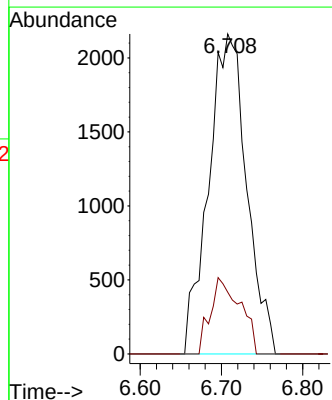
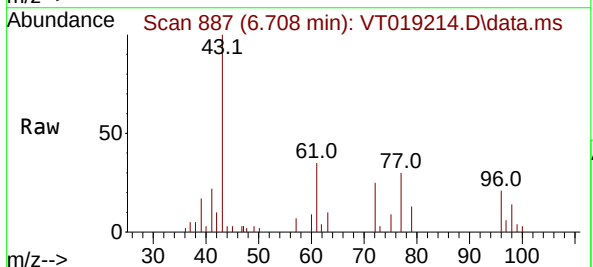
Acq: 30 Oct 2025 12:59

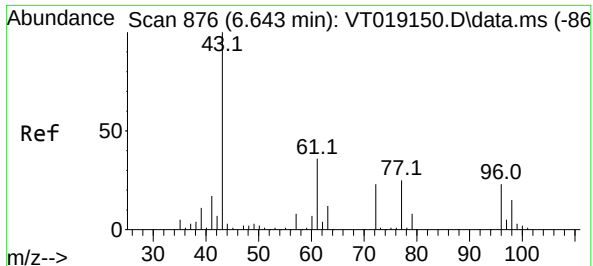
Tgt Ion: 77 Resp: 7054

Ion Ratio Lower Upper

77 100

97 18.6 10.7 32.1

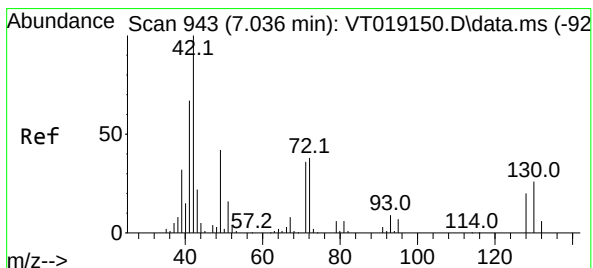
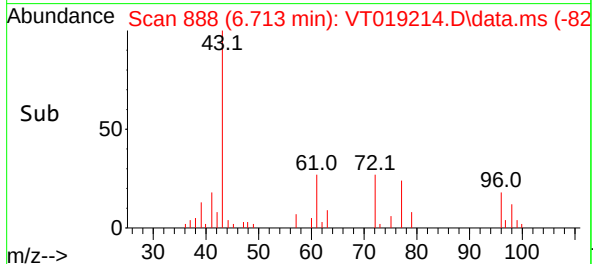
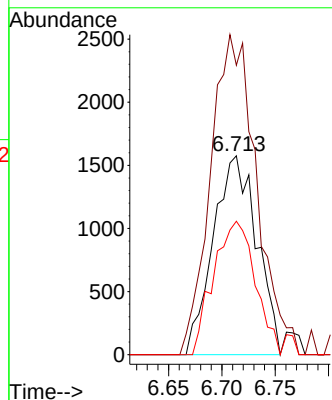
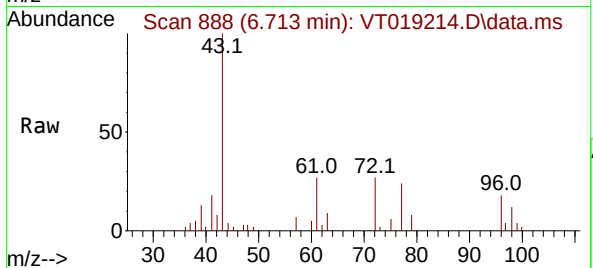




#27
 cis-1,2-Dichloroethene
 Concen: 2.677 ug/l
 RT: 6.713 min Scan# 811
 Delta R.T. 0.058 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

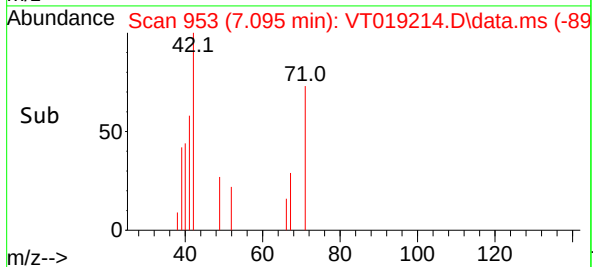
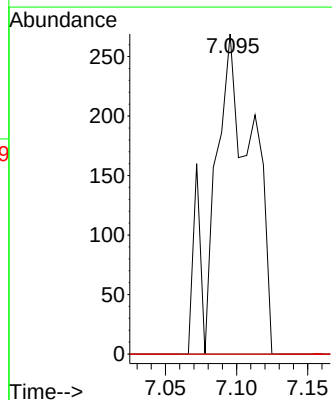
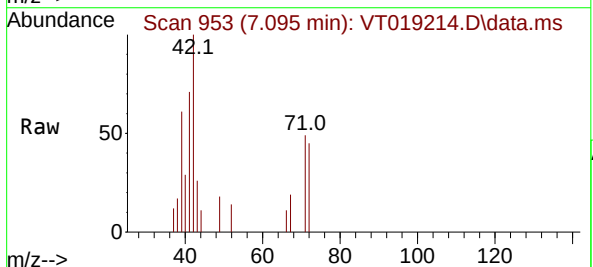
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL03

Tgt Ion: 96	Resp: 4474		
Ion Ratio	Lower	Upper	
96	100		
61	169.8	0.0	309.0
98	64.2	0.0	128.4



#28
 Bromochloromethane
 Concen: 0.315 ug/l
 RT: 7.095 min Scan# 953
 Delta R.T. 0.053 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

Tgt Ion: 49	Resp: 516		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	0.0	
130 0.0	48.6	73.0#	





#29

Tetrahydrofuran

Concen: 13.588 ug/l

RT: 7.119 min Scan# 91

Delta R.T. 0.053 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

MDL03

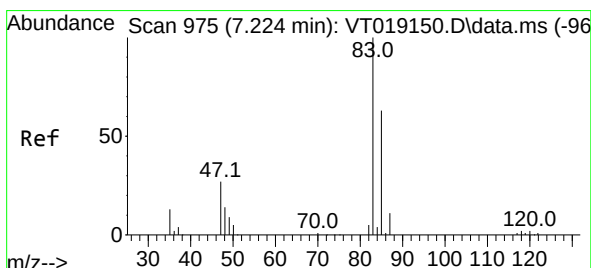
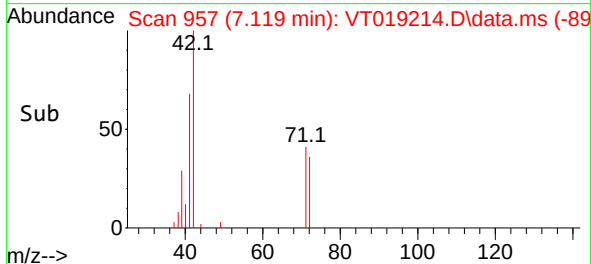
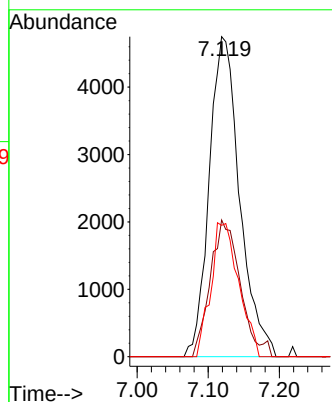
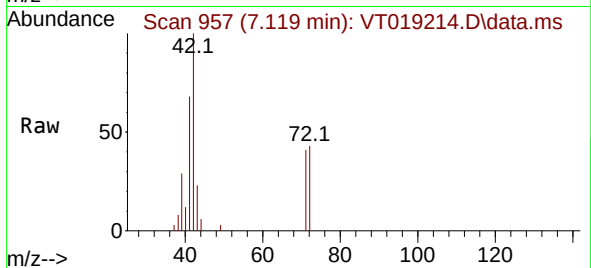
Tgt Ion: 42 Resp: 14115

Ion Ratio Lower Upper

42 100

72 42.0 30.1 45.1

71 38.3 28.4 42.6



#30

Chloroform

Concen: 2.611 ug/l

RT: 7.278 min Scan# 984

Delta R.T. 0.048 min

Lab File: VT019214.D

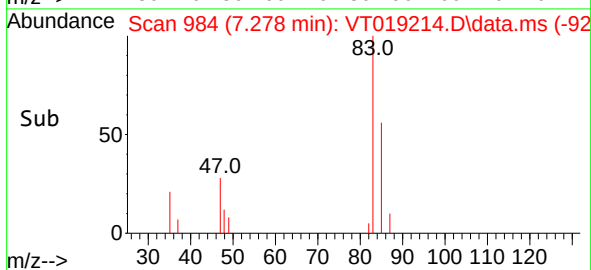
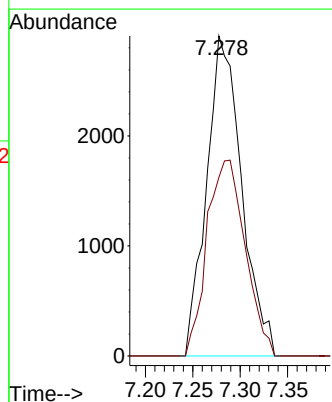
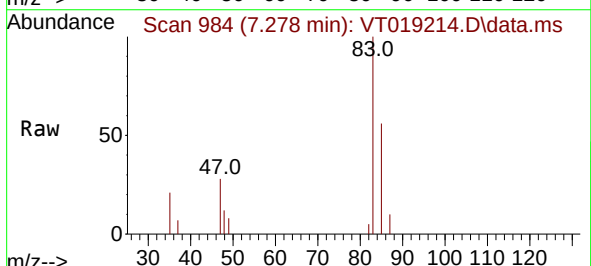
Acq: 30 Oct 2025 12:59

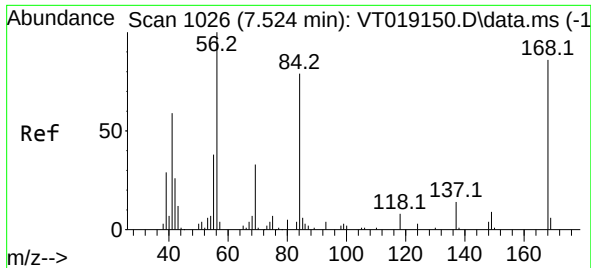
Tgt Ion: 83 Resp: 7486

Ion Ratio Lower Upper

83 100

85 55.8 50.6 76.0

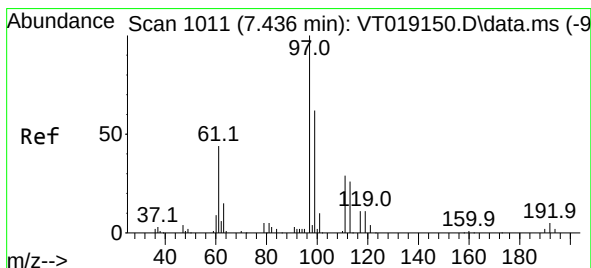
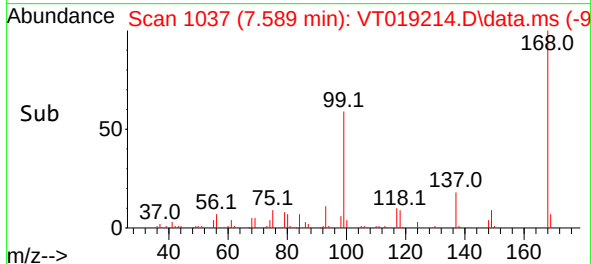
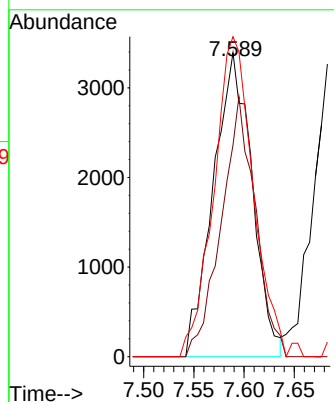
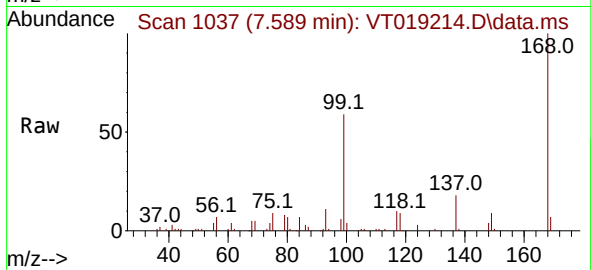




#31
Cyclohexane
Concen: 3.994 ug/l
RT: 7.589 min Scan# 1026
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

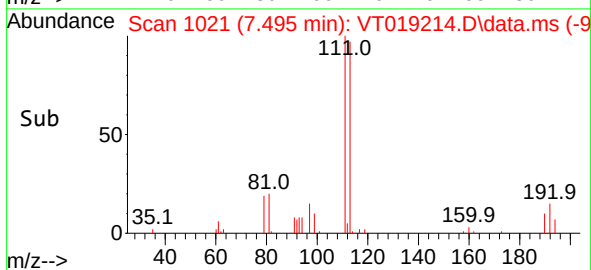
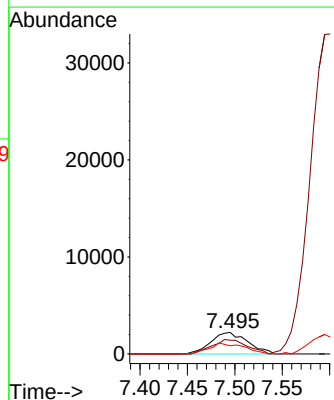
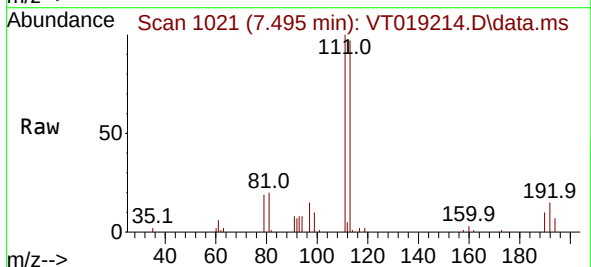
Instrument :
MSVOA_T
ClientSampleId :
MDL03

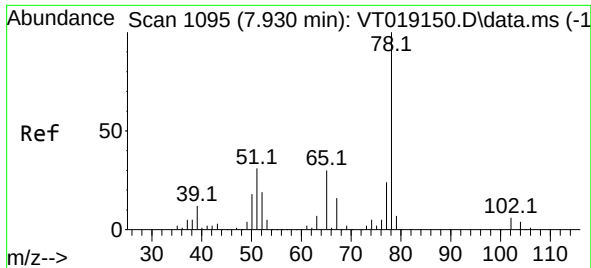
Tgt Ion: 56 Resp: 9097
Ion Ratio Lower Upper
56 100
69 69.7 26.1 39.1#
84 105.3 63.6 95.4#



#32
1,1,1-Trichloroethane
Concen: 2.609 ug/l
RT: 7.495 min Scan# 1021
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 97 Resp: 5955
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 47.4 37.1 55.7

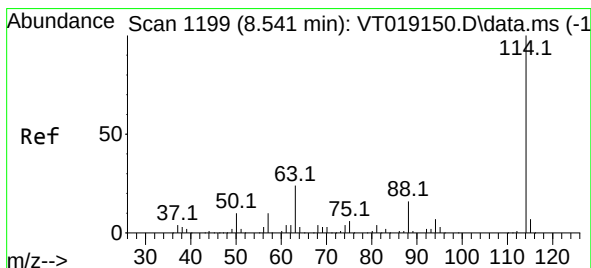
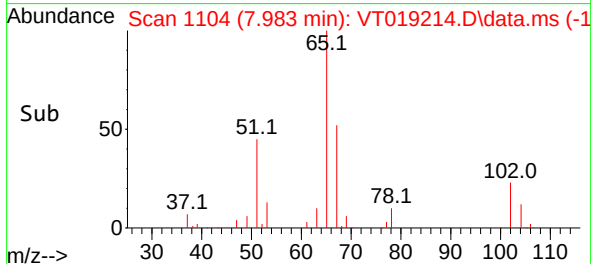
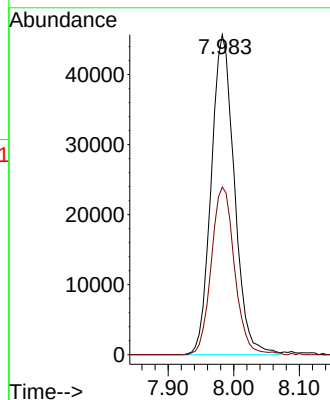
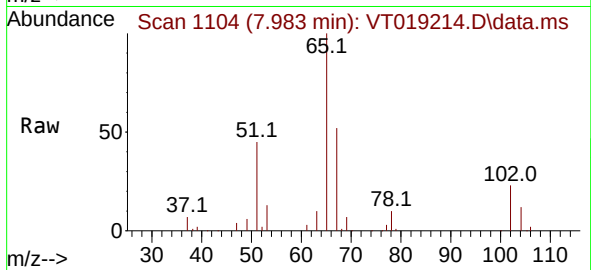




#33
 1,2-Dichloroethane-d4
 Concen: 47.934 ug/l
 RT: 7.983 min Scan# 1104
 Delta R.T. 0.048 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

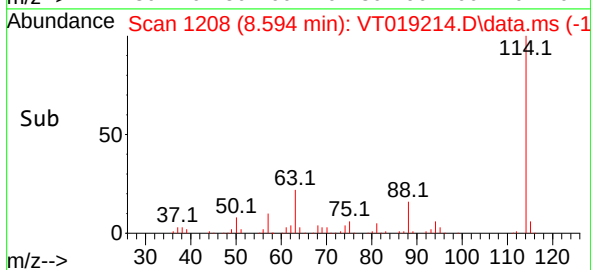
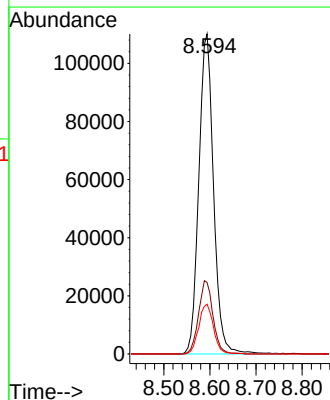
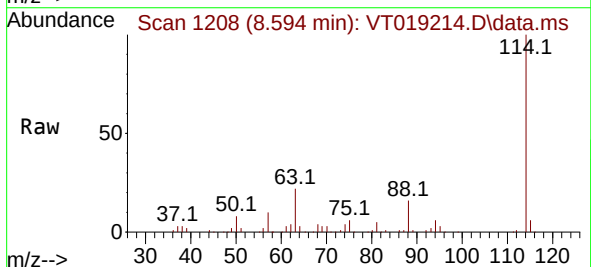
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL03

Tgt Ion: 65 Resp: 111892
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.594 min Scan# 1208
 Delta R.T. 0.047 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

Tgt Ion: 114 Resp: 244862
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.2
 88 15.6 0.0 32.6

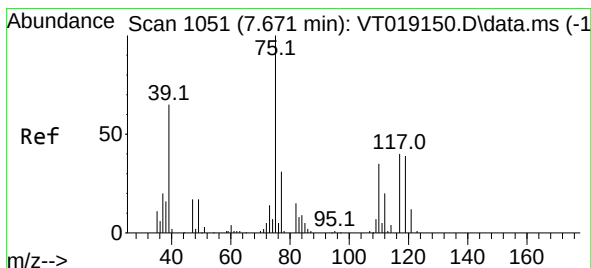
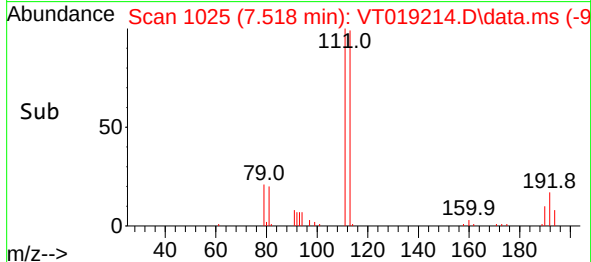
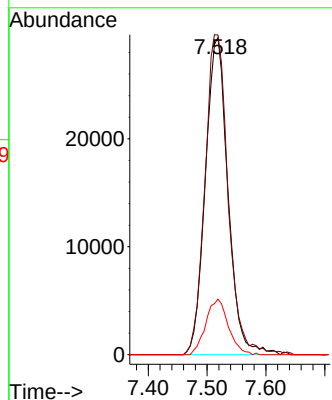
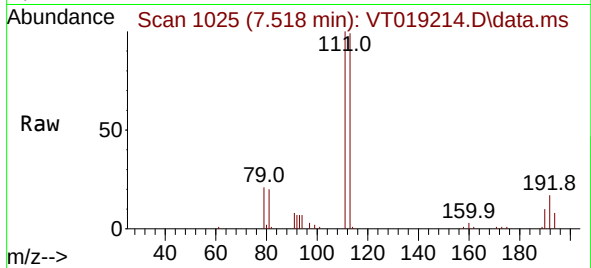




#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.518 min Scan# 1025
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

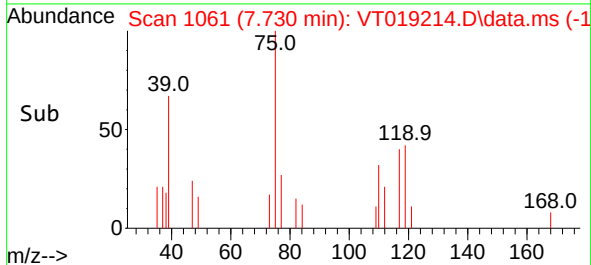
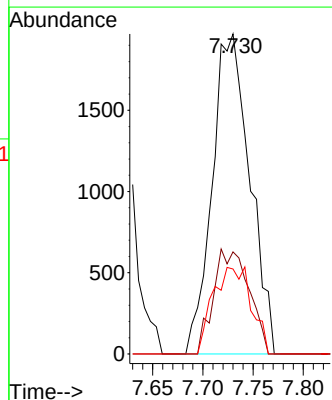
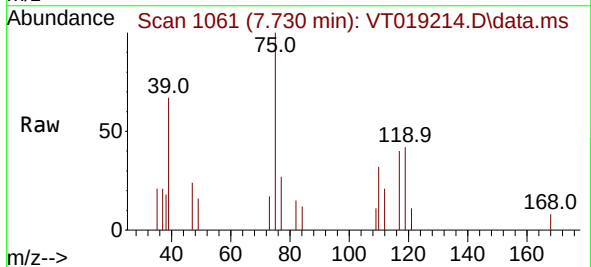
Instrument :
MSVOA_T
ClientSampleId :
MDL03

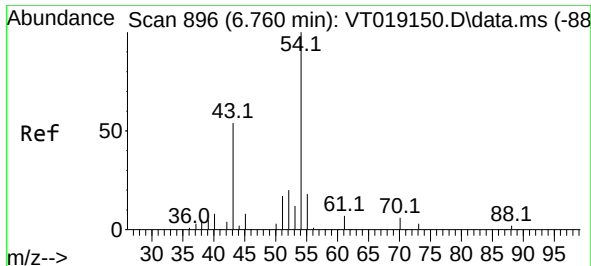
Tgt Ion:113 Resp: 78589
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 17.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 2.943 ug/l
RT: 7.730 min Scan# 1061
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 75 Resp: 5127
Ion Ratio Lower Upper
75 100
110 0.0 16.1 48.2#
77 27.7 25.1 37.7

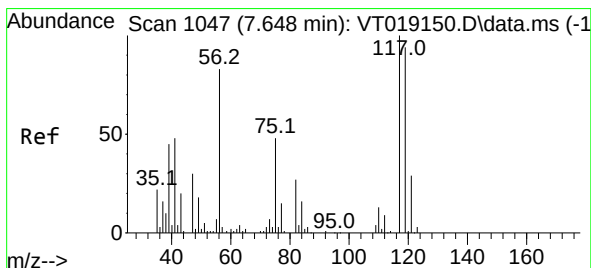
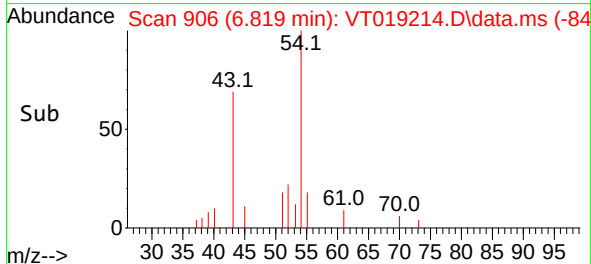
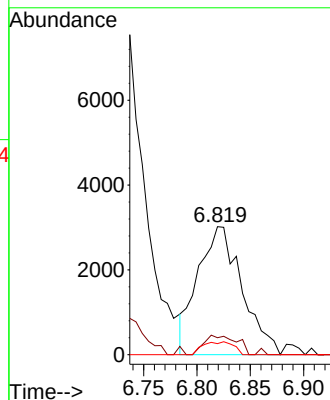
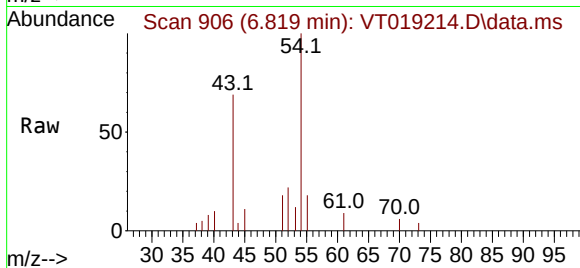




#37
Ethyl Acetate
Concen: 2.934 ug/l
RT: 6.819 min Scan# 90
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

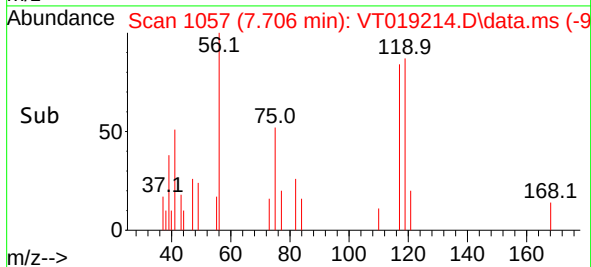
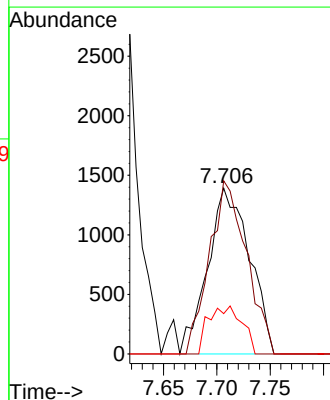
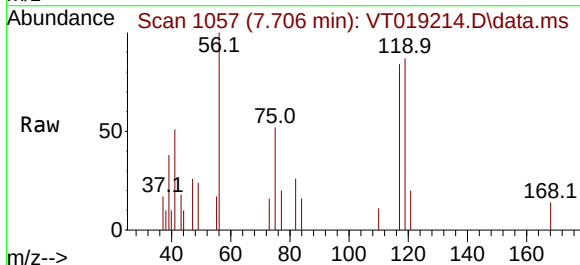
Instrument :
MSVOA_T
ClientSampleId :
MDL03

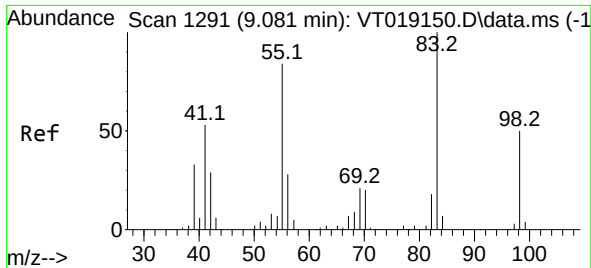
Tgt Ion: 43 Resp: 8701
Ion Ratio Lower Upper
43 100
61 11.2 10.0 15.0
70 7.0 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 2.392 ug/l
RT: 7.706 min Scan# 1057
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 117 Resp: 3789
Ion Ratio Lower Upper
117 100
119 104.5 75.0 112.6
121 24.3 23.3 34.9

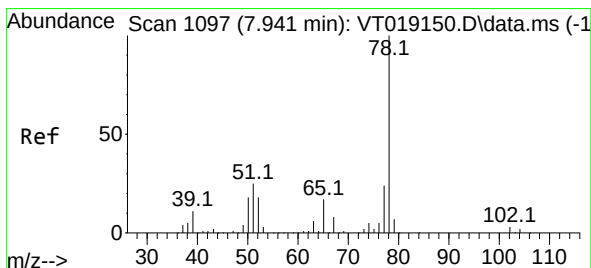
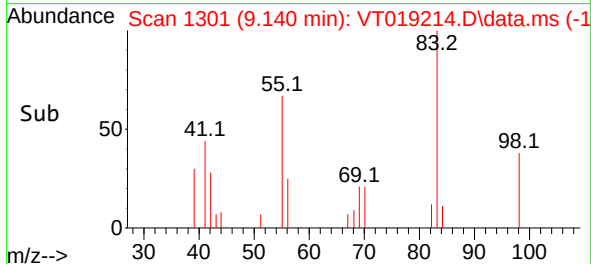
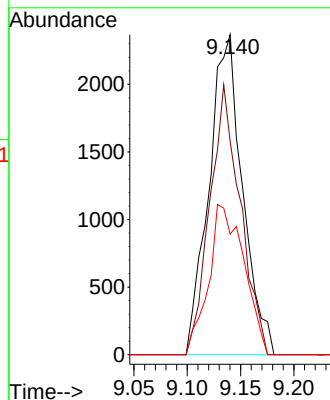
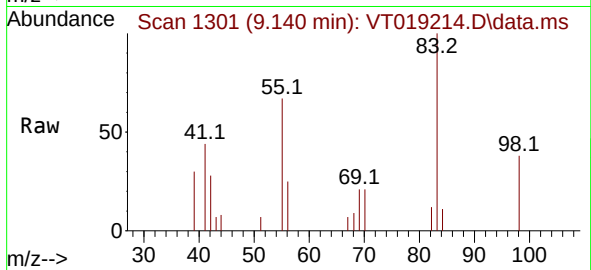




#39
Methylcyclohexane
Concen: 2.688 ug/l
RT: 9.140 min Scan# 1106
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

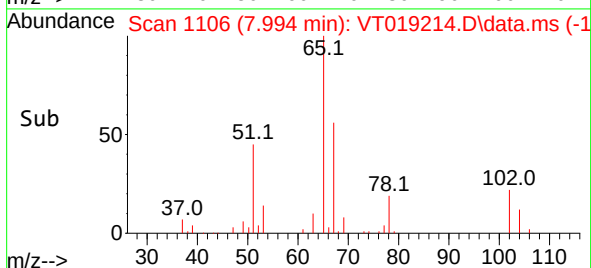
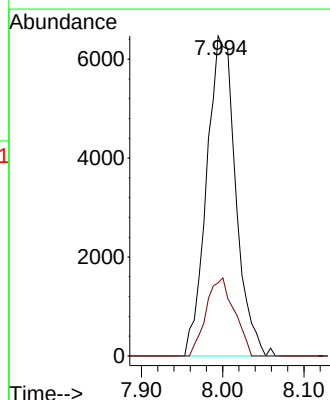
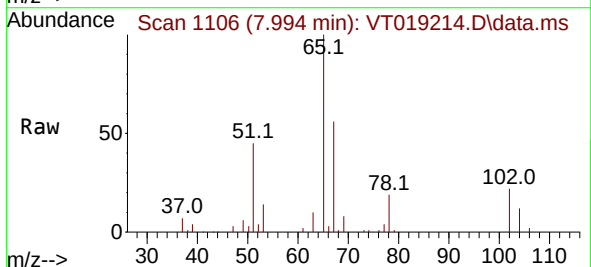
Instrument :
MSVOA_T
ClientSampleId :
MDL03

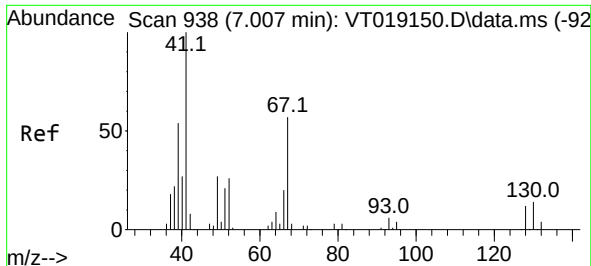
Tgt Ion: 83 Resp: 5173
Ion Ratio Lower Upper
83 100
55 66.8 67.5 101.3#
98 37.7 39.9 59.9#



#40
Benzene
Concen: 2.725 ug/l
RT: 7.994 min Scan# 1106
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

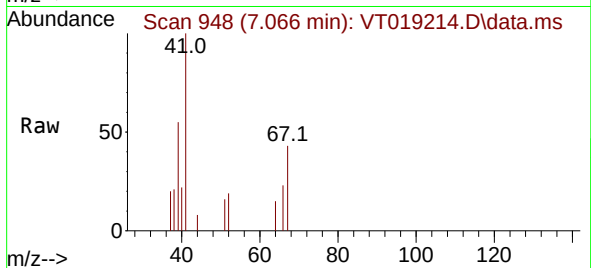
Tgt Ion: 78 Resp: 16071
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7



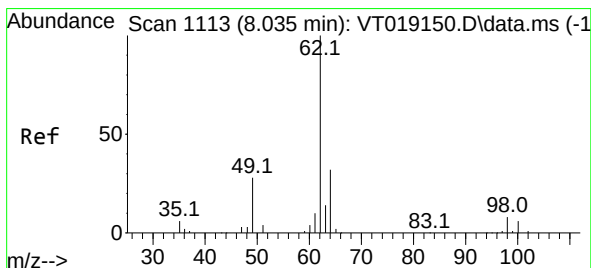
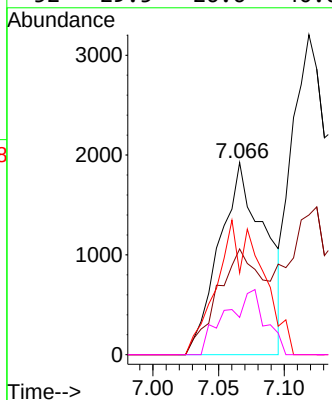
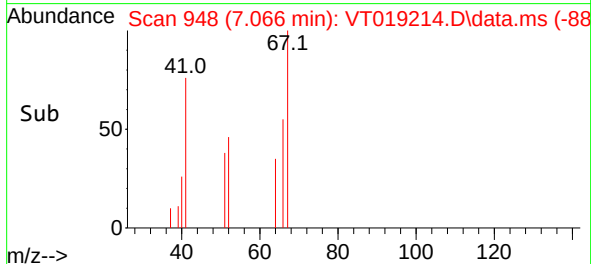


#41
Methacrylonitrile
Concen: 3.127 ug/l
RT: 7.066 min Scan# 948
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Instrument :
MSVOA_T
ClientSampleId :
MDL03

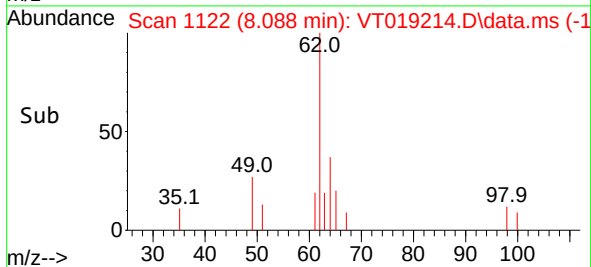
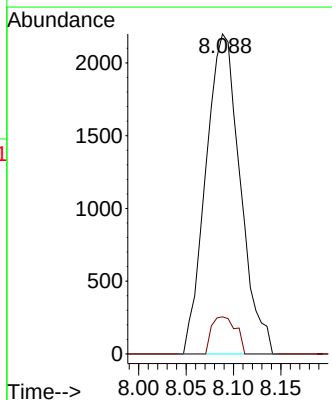
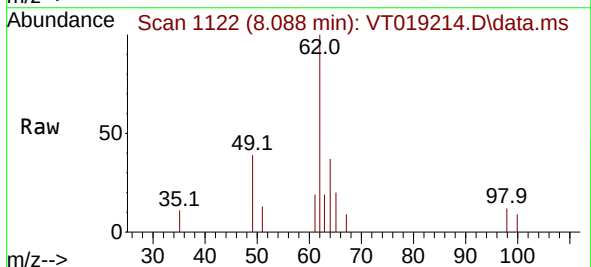


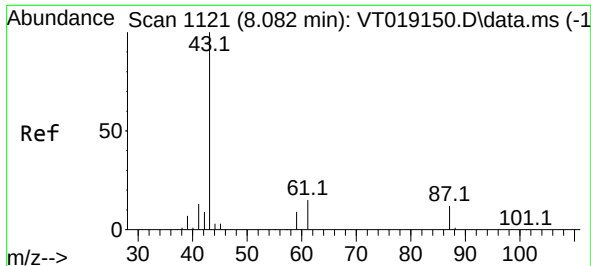
Tgt Ion:	41	Resp:	4665
Ion	Ratio	Lower	Upper
41	100		
39	55.3	49.8	74.6
67	36.3	60.0	90.0#
52	29.5	26.6	40.0



#42
1,2-Dichloroethane
Concen: 2.683 ug/l
RT: 8.088 min Scan# 1122
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:	62	Resp:	5559
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6

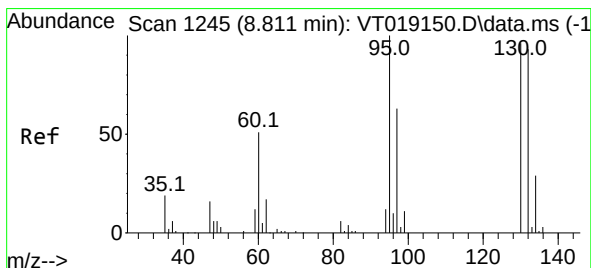
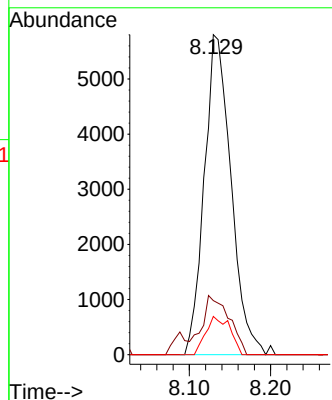
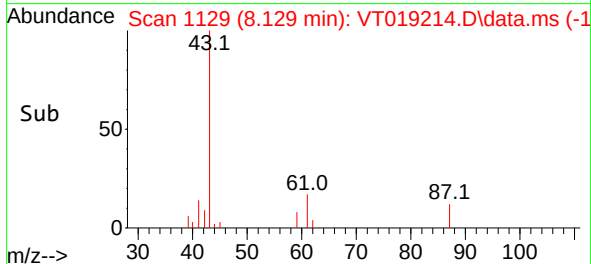
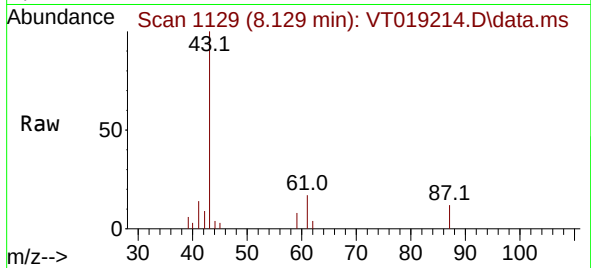




#43
Isopropyl Acetate
Concen: 2.823 ug/l
RT: 8.129 min Scan# 1129
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

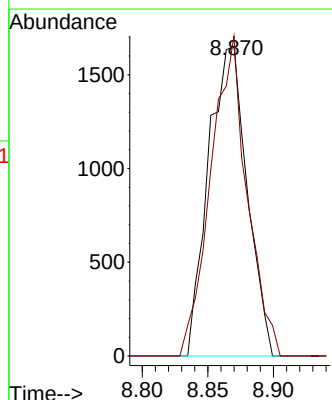
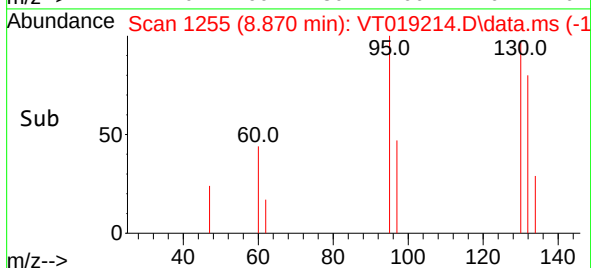
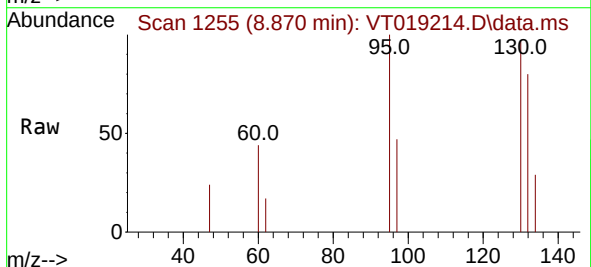
Instrument :
MSVOA_T
ClientSampleId :
MDL03

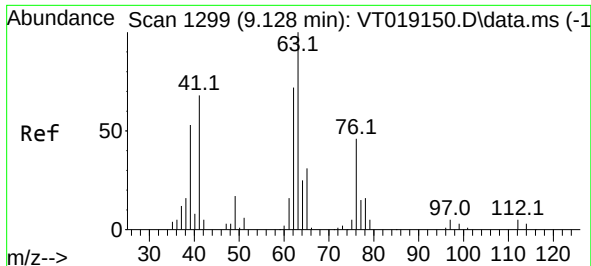
Tgt Ion: 43 Resp: 13312
Ion Ratio Lower Upper
43 100
61 18.7 14.8 22.2
87 10.7 9.1 13.7



#44
Trichloroethene
Concen: 2.937 ug/l
RT: 8.870 min Scan# 1255
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:130 Resp: 3385
Ion Ratio Lower Upper
130 100
95 103.3 0.0 207.8

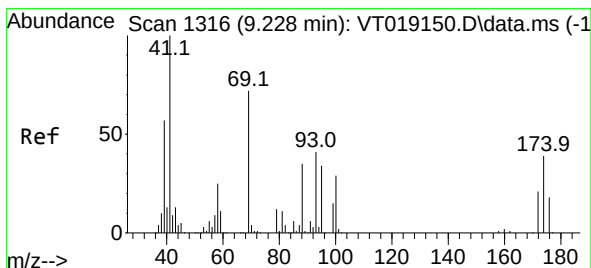
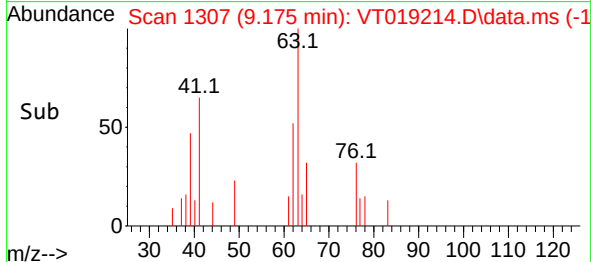
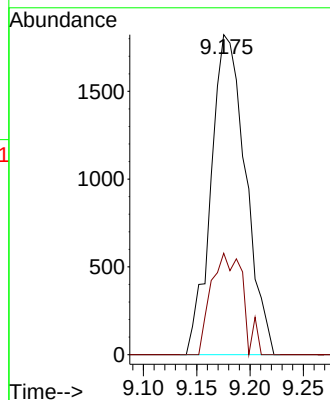
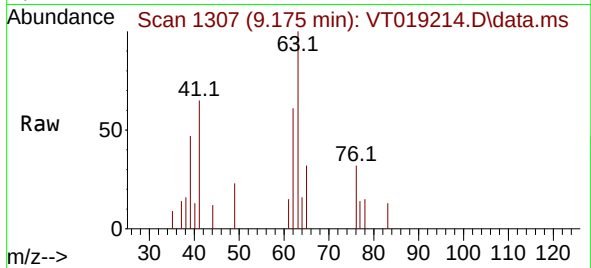




#45
1,2-Dichloropropane
Concen: 2.743 ug/l
RT: 9.175 min Scan# 11
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

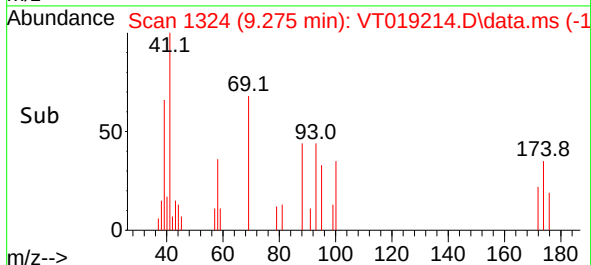
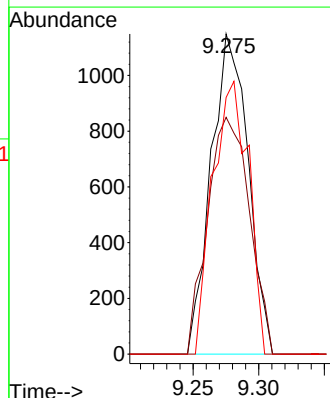
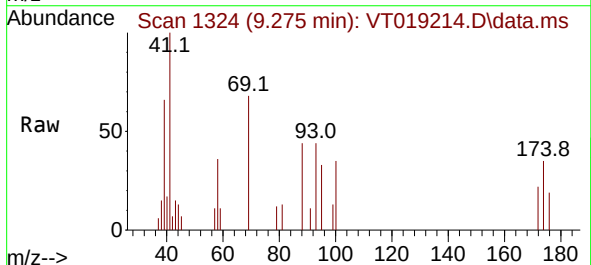
Instrument :
MSVOA_T
ClientSampleId :
MDL03

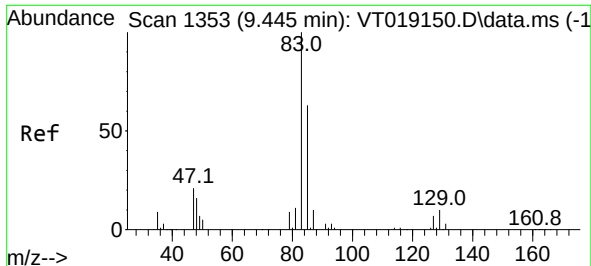
Tgt Ion: 63 Resp: 4115
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8



#46
Dibromomethane
Concen: 2.491 ug/l
RT: 9.275 min Scan# 1324
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 93 Resp: 2249
Ion Ratio Lower Upper
93 100
95 84.0 66.4 99.6
174 82.7 77.3 115.9

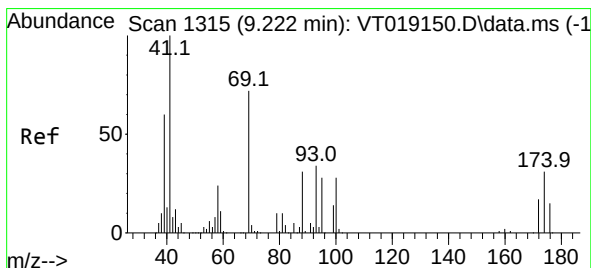
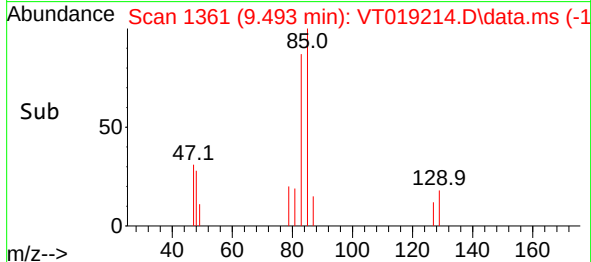
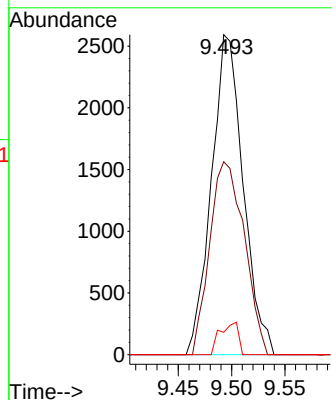
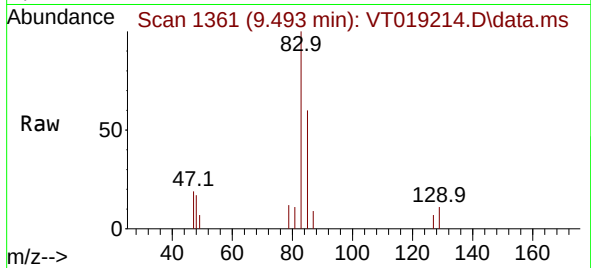




#47
Bromodichloromethane
Concen: 2.634 ug/l
RT: 9.493 min Scan# 1361
Delta R.T. 0.042 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

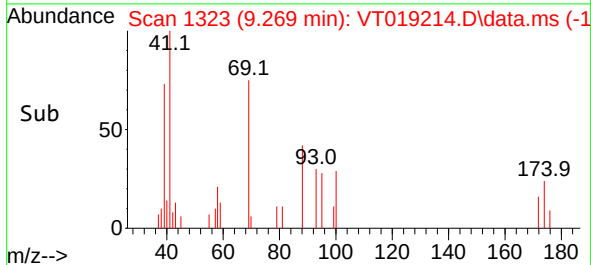
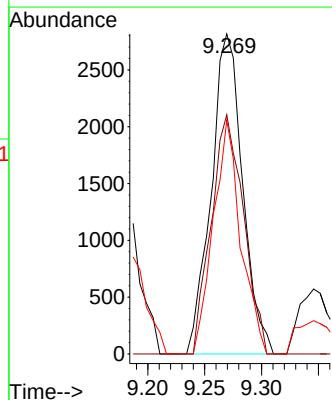
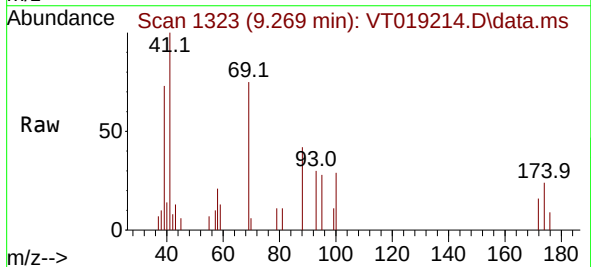
Instrument :
MSVOA_T
ClientSampleId :
MDL03

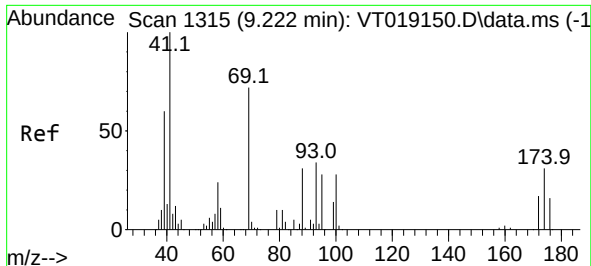
Tgt Ion:	83	Resp:	5362
Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.4	75.6
127	7.0	6.0	9.0



#48
Methyl methacrylate
Concen: 2.557 ug/l
RT: 9.269 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:	41	Resp:	5416
Ion	Ratio	Lower	Upper
41	100		
69	76.9	56.9	85.3
39	63.9	48.0	72.0





#49

1,4-Dioxane

Concen: 59.350 ug/l

RT: 9.269 min Scan# 1

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

MDL03

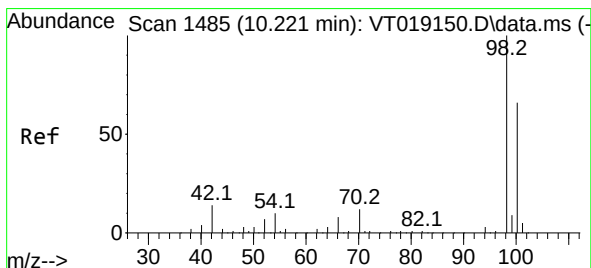
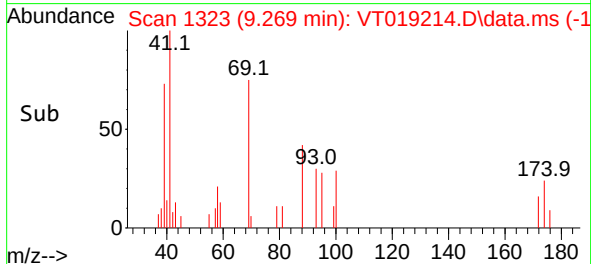
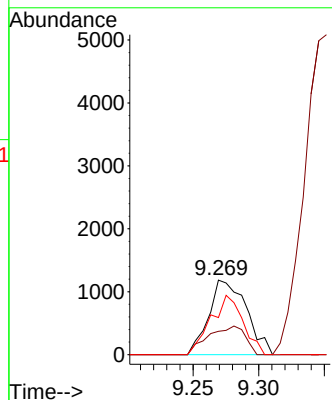
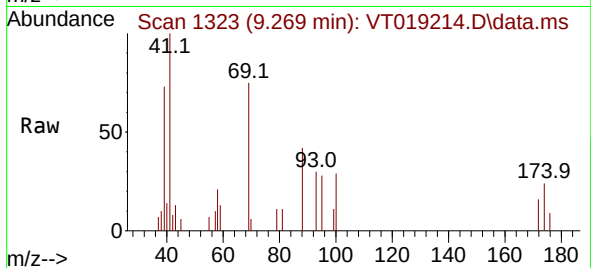
Tgt Ion: 88 Resp: 2361

Ion Ratio Lower Upper

88 100

43 37.7 30.0 45.0

58 68.0 57.2 85.8



#50

Toluene-d8

Concen: 49.620 ug/l

RT: 10.268 min Scan# 1493

Delta R.T. 0.041 min

Lab File: VT019214.D

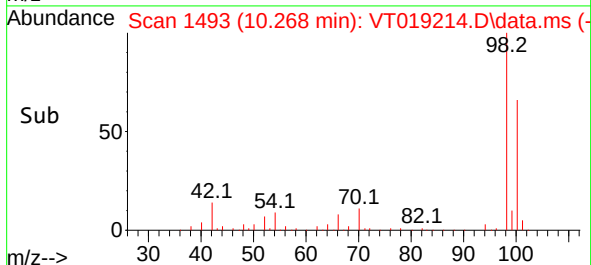
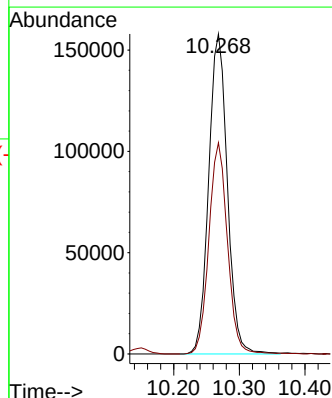
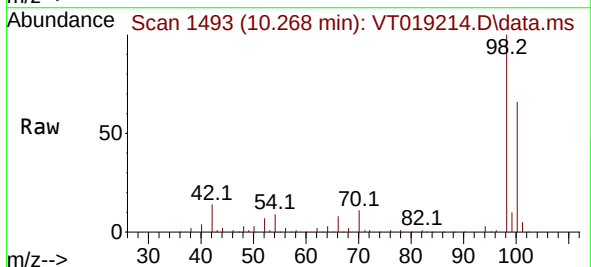
Acq: 30 Oct 2025 12:59

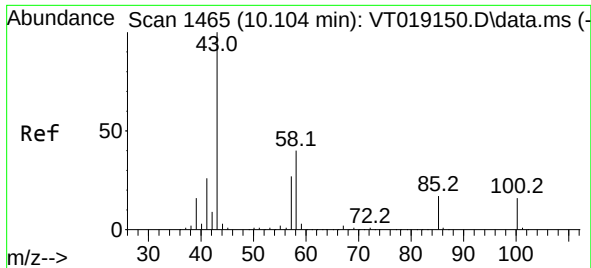
Tgt Ion: 98 Resp: 312066

Ion Ratio Lower Upper

98 100

100 65.5 53.5 80.3

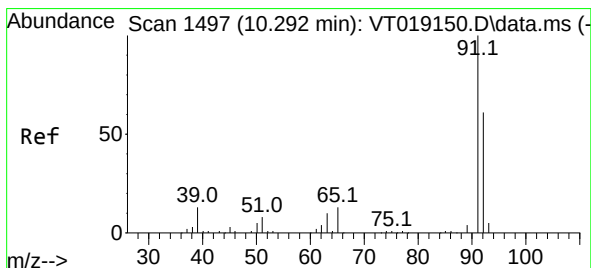
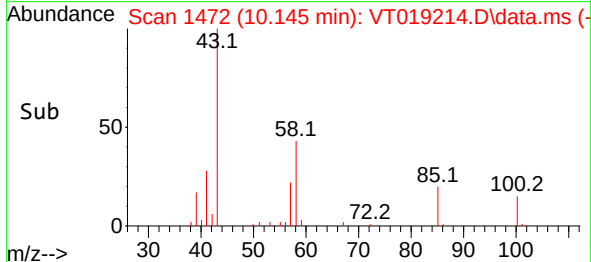
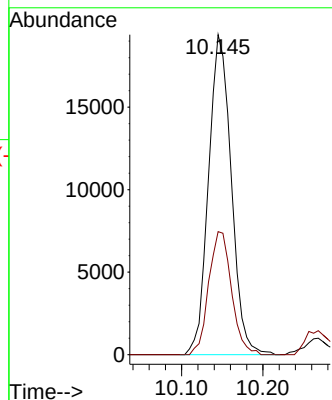
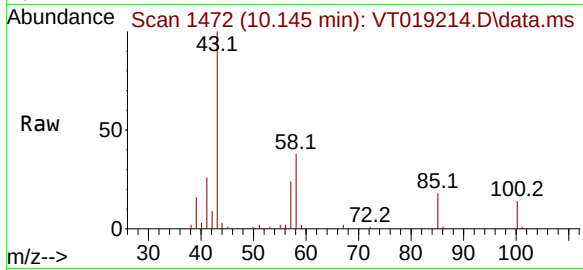




#51
4-Methyl-2-Pentanone
Concen: 13.269 ug/l
RT: 10.145 min Scan# 1465
Delta R.T. 0.036 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

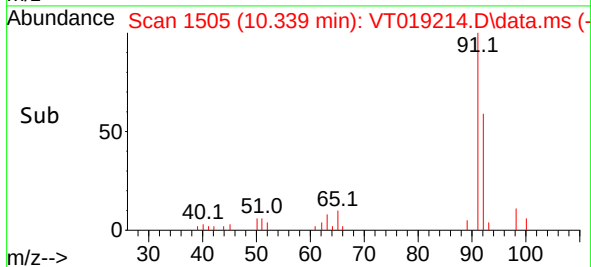
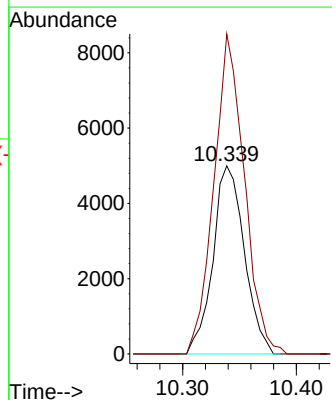
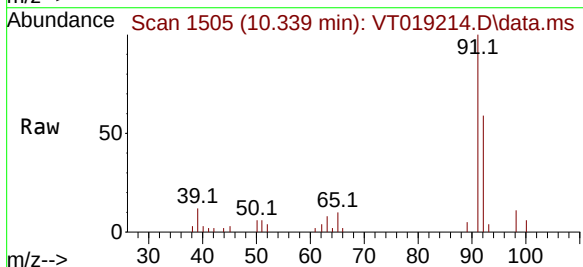
Instrument :
MSVOA_T
ClientSampleId :
MDL03

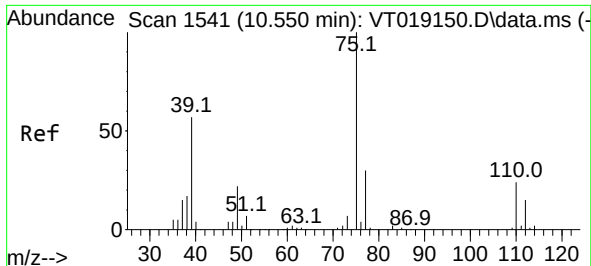
Tgt Ion: 43 Resp: 37683
Ion Ratio Lower Upper
43 100
58 38.5 30.5 45.7



#52
Toluene
Concen: 2.846 ug/l
RT: 10.339 min Scan# 1505
Delta R.T. 0.042 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 92 Resp: 9590
Ion Ratio Lower Upper
92 100
91 165.2 134.8 202.2

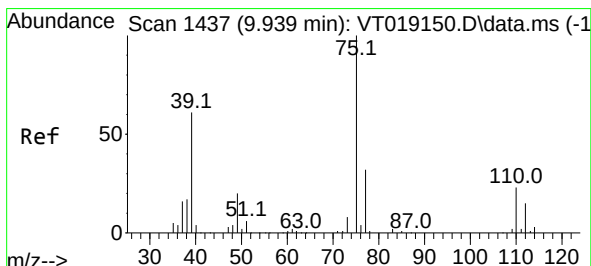
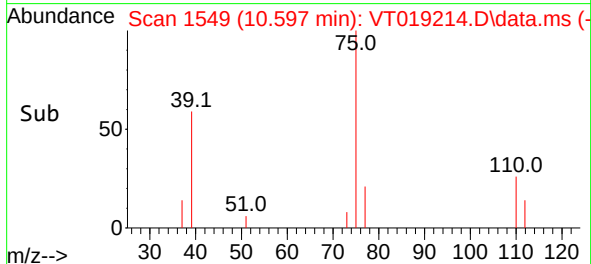
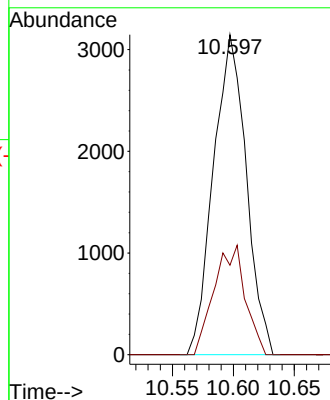
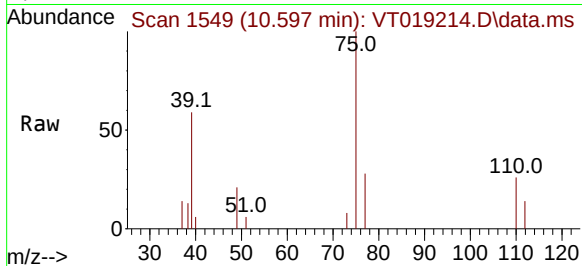




#53
 t-1,3-Dichloropropene
 Concen: 2.673 ug/l
 RT: 10.597 min Scan# 11
 Delta R.T. 0.041 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

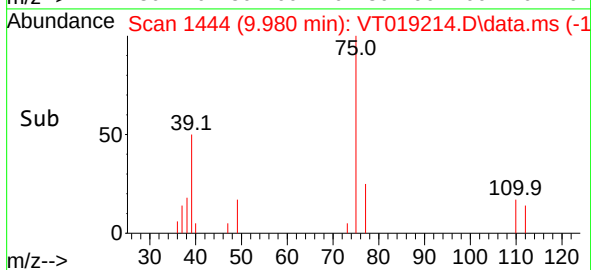
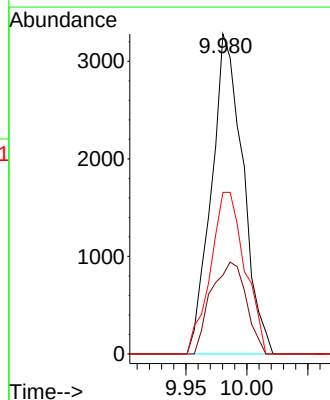
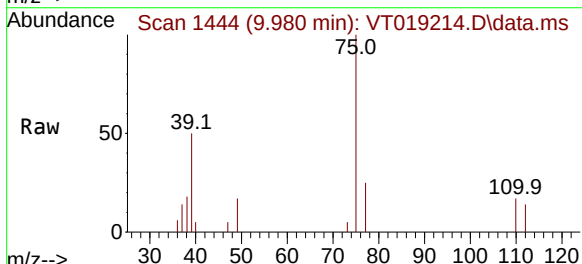
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL03

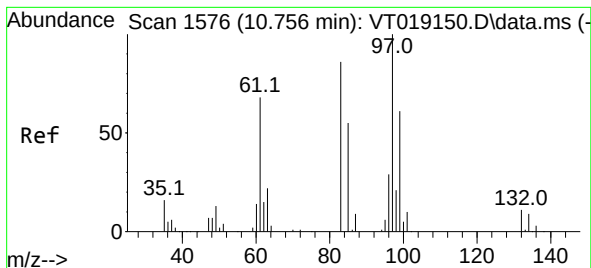
Tgt Ion: 75 Resp: 5890
 Ion Ratio Lower Upper
 75 100
 77 28.0 24.2 36.4



#54
 cis-1,3-Dichloropropene
 Concen: 2.574 ug/l
 RT: 9.980 min Scan# 1444
 Delta R.T. 0.041 min
 Lab File: VT019214.D
 Acq: 30 Oct 2025 12:59

Tgt Ion: 75 Resp: 5873
 Ion Ratio Lower Upper
 75 100
 77 24.7 25.5 38.3#
 39 50.5 48.8 73.2





#55

1,1,2-Trichloroethane

Concen: 2.750 ug/l

RT: 10.803 min Scan# 1584

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

MDL03

Tgt Ion: 97 Resp: 3654

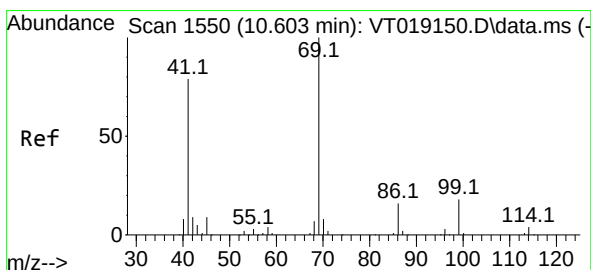
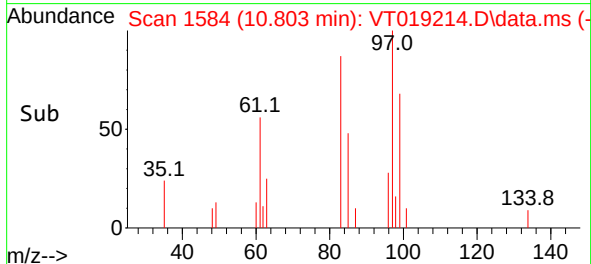
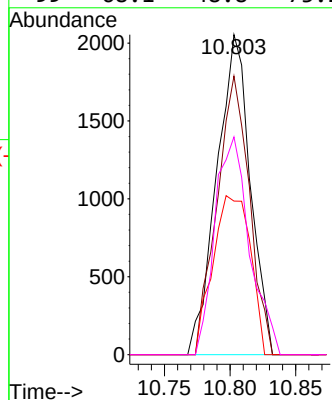
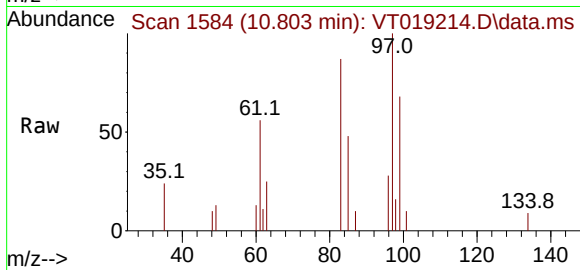
Ion Ratio Lower Upper

97 100

83 87.0 69.2 103.8

85 48.0 43.8 65.6

99 68.1 48.8 73.2



#56

Ethyl methacrylate

Concen: 2.616 ug/l

RT: 10.650 min Scan# 1558

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

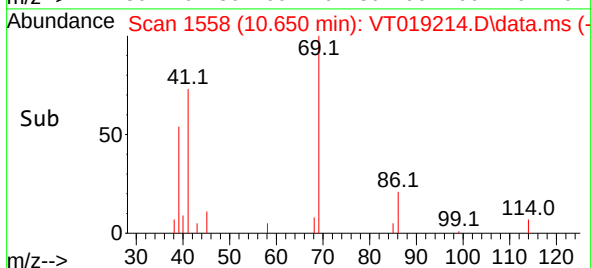
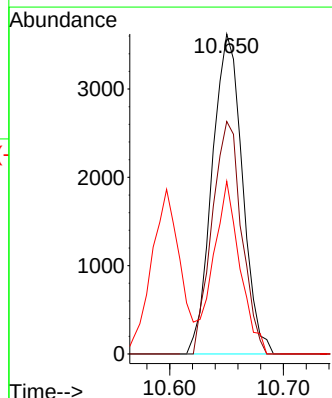
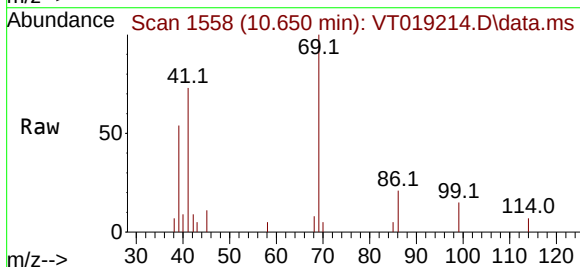
Tgt Ion: 69 Resp: 6682

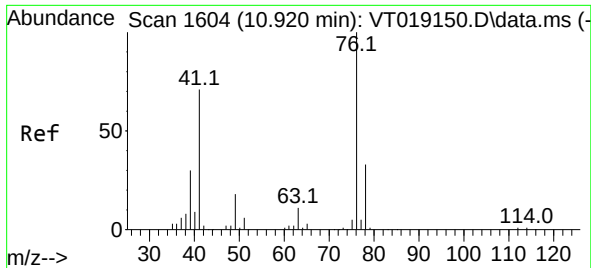
Ion Ratio Lower Upper

69 100

41 71.2 62.6 93.8

39 48.2 37.2 55.8

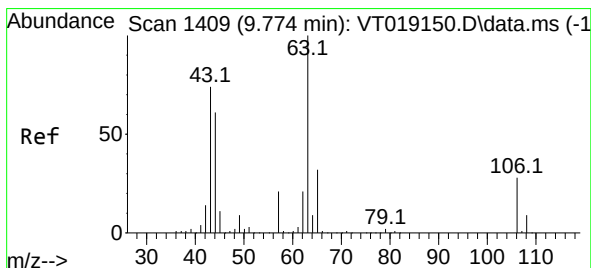
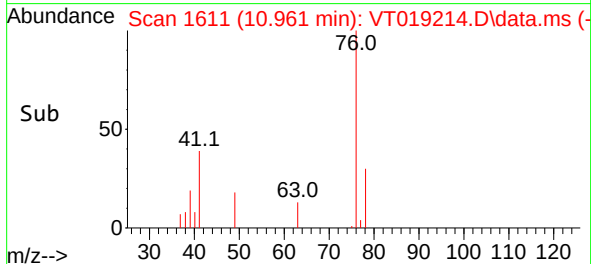
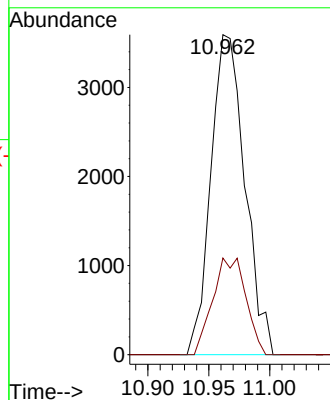
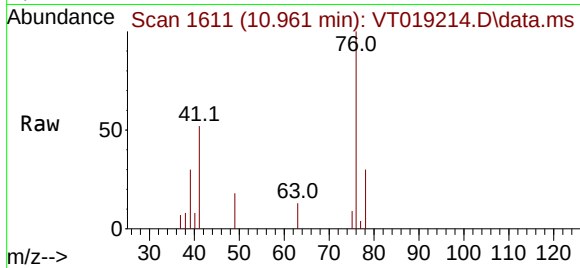




#57
1,3-Dichloropropane
Concen: 2.956 ug/l
RT: 10.961 min Scan# 1611
Delta R.T. 0.035 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

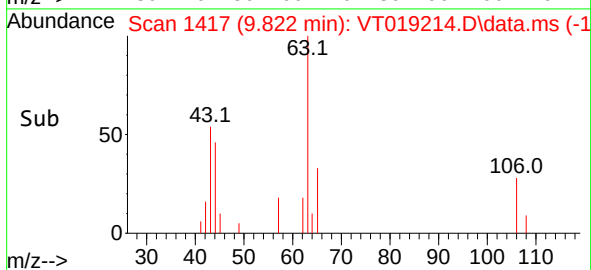
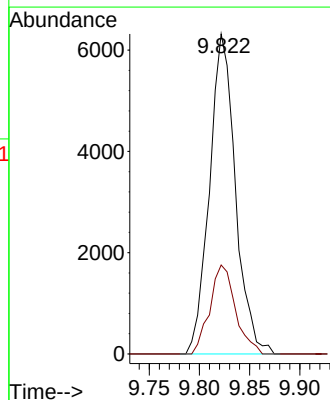
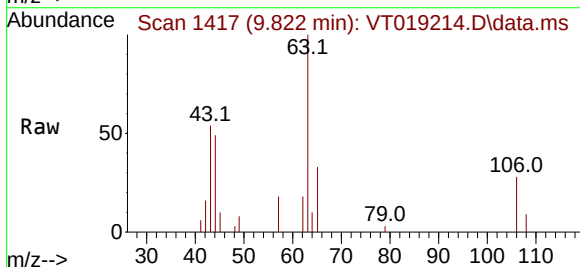
Instrument :
MSVOA_T
ClientSampleId :
MDL03

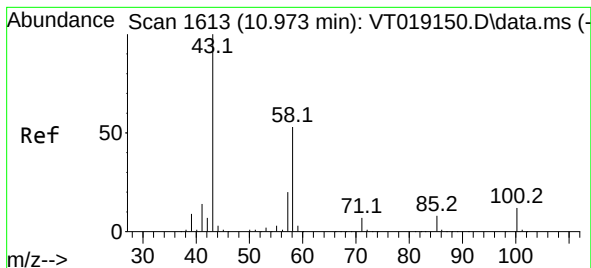
Tgt Ion: 76 Resp: 6972
Ion Ratio Lower Upper
76 100
78 29.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 16.538 ug/l
RT: 9.822 min Scan# 1417
Delta R.T. 0.042 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 63 Resp: 11367
Ion Ratio Lower Upper
63 100
106 27.4 22.4 33.6





#59

2-Hexanone

Concen: 15.309 ug/l

RT: 11.014 min Scan# 1

Delta R.T. 0.035 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

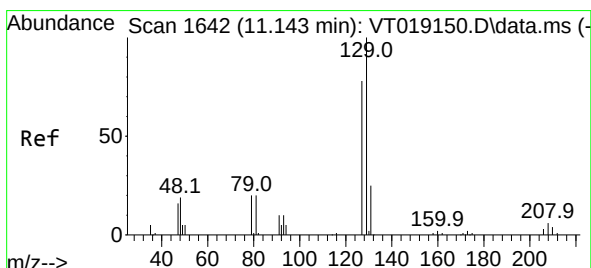
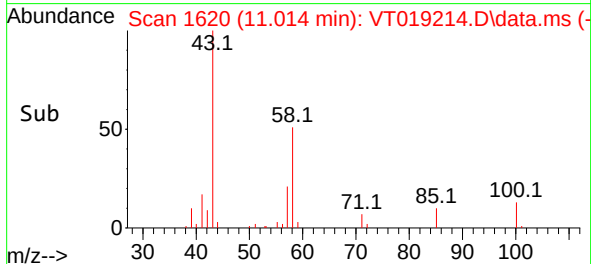
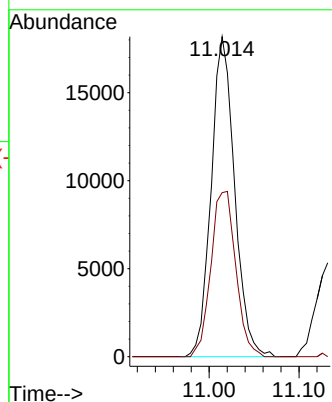
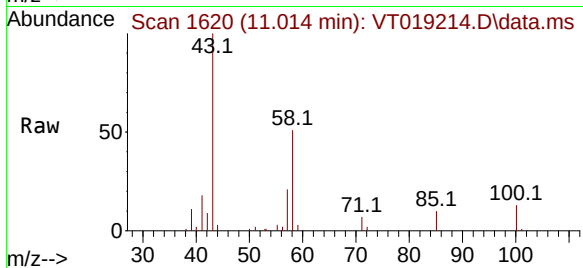
MDL03

Tgt Ion: 43 Resp: 32935

Ion Ratio Lower Upper

43 100

58 54.9 26.1 78.3



#60

Dibromochloromethane

Concen: 2.545 ug/l

RT: 11.185 min Scan# 1649

Delta R.T. 0.036 min

Lab File: VT019214.D

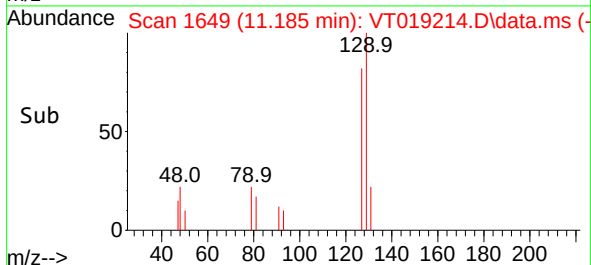
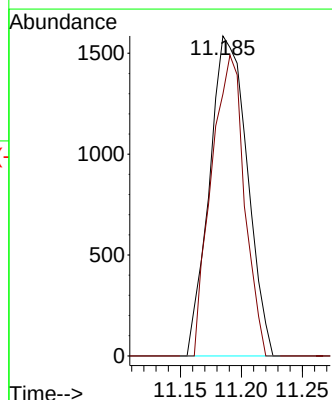
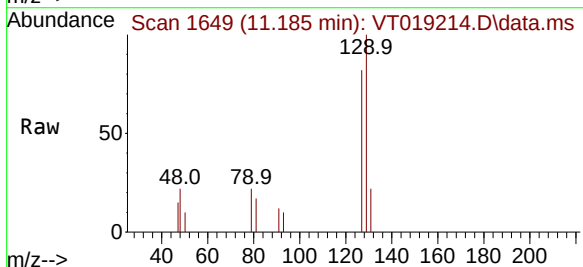
Acq: 30 Oct 2025 12:59

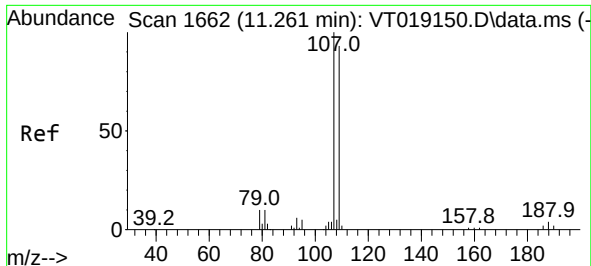
Tgt Ion:129 Resp: 3410

Ion Ratio Lower Upper

129 100

127 82.1 38.9 116.7

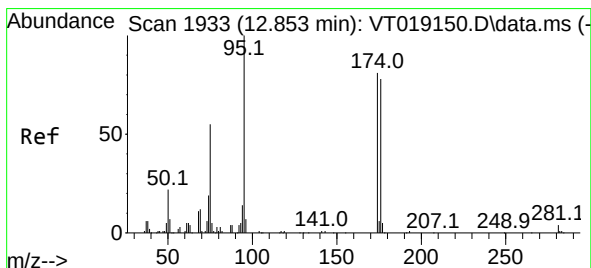
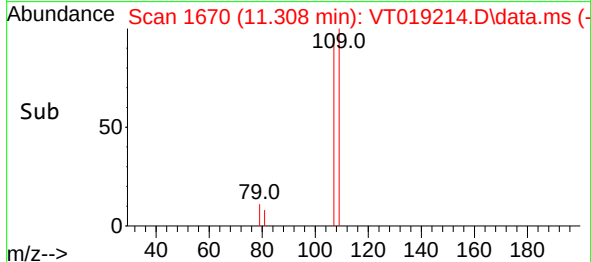
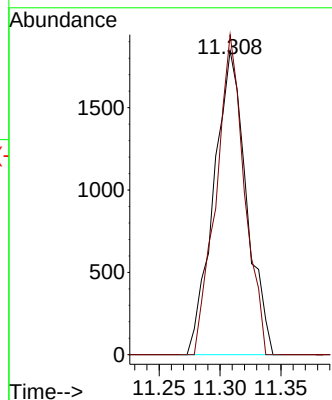
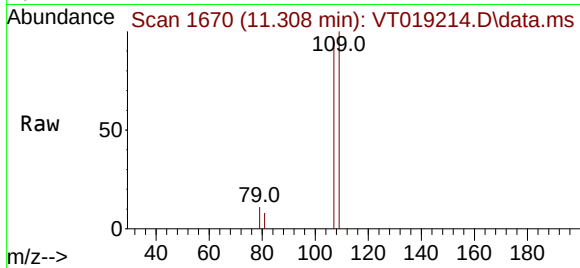




#61
1,2-Dibromoethane
Concen: 2.777 ug/l
RT: 11.308 min Scan# 1
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

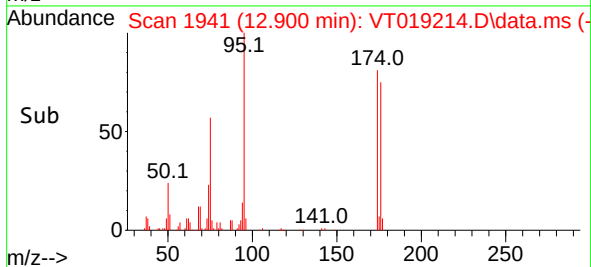
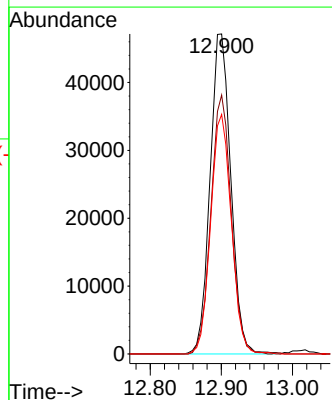
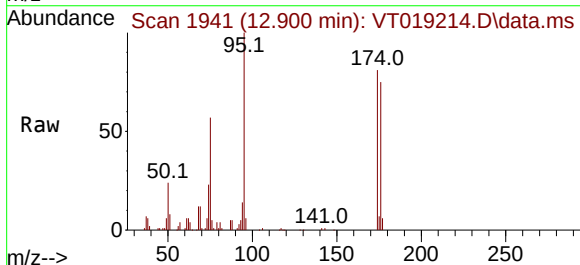
Instrument :
MSVOA_T
ClientSampleId :
MDL03

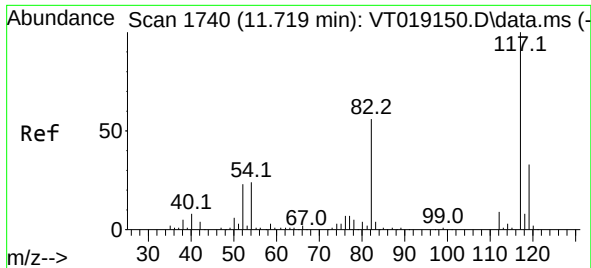
Tgt Ion:107 Resp: 3436
Ion Ratio Lower Upper
107 100
109 91.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 12.900 min Scan# 1941
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 95 Resp: 95615
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.6
176 74.6 0.0 156.6

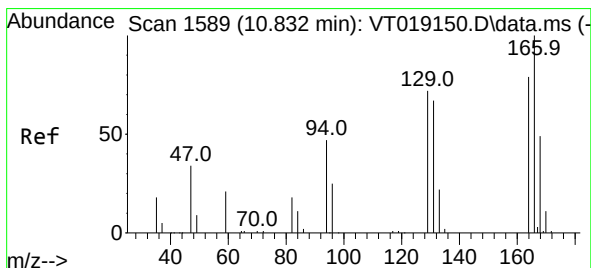
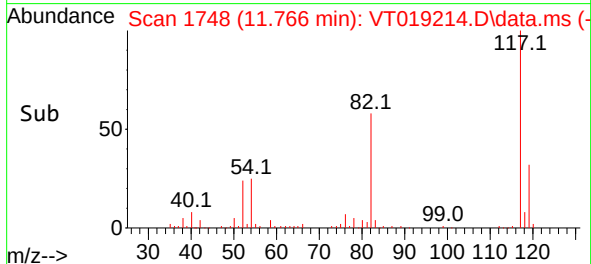
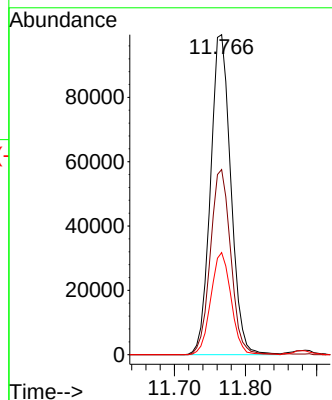
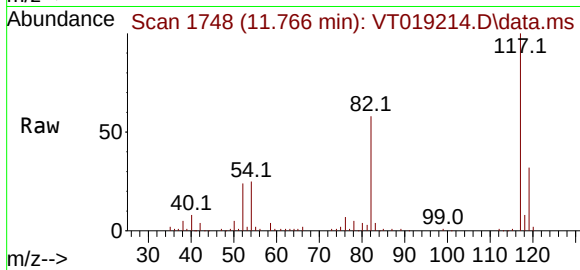




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.766 min Scan# 117
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

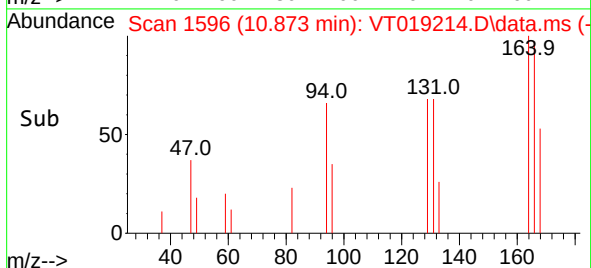
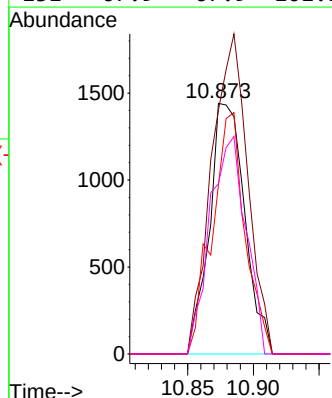
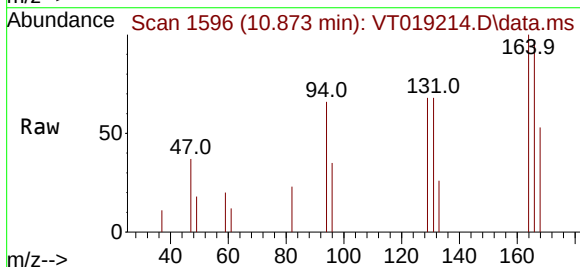
Instrument :
MSVOA_T
ClientSampleId :
MDL03

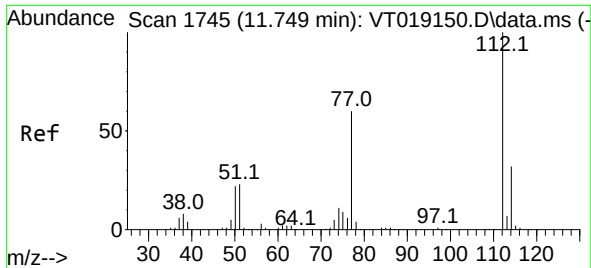
Tgt Ion:117 Resp: 197569
Ion Ratio Lower Upper
117 100
82 57.9 45.1 67.7
119 31.9 26.6 40.0



#64
Tetrachloroethene
Concen: 3.009 ug/l
RT: 10.873 min Scan# 1596
Delta R.T. 0.035 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:164 Resp: 2702
Ion Ratio Lower Upper
164 100
166 97.4 100.9 151.3#
129 67.5 72.4 108.6#
131 67.9 67.9 101.9

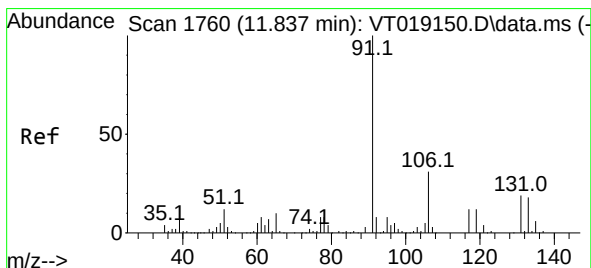
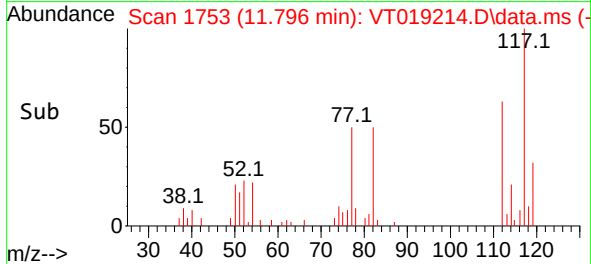
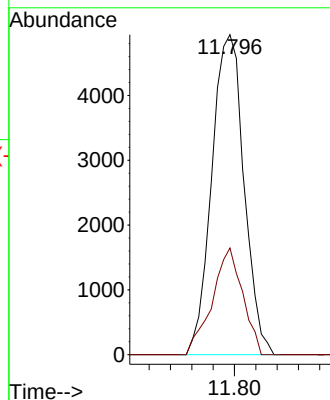
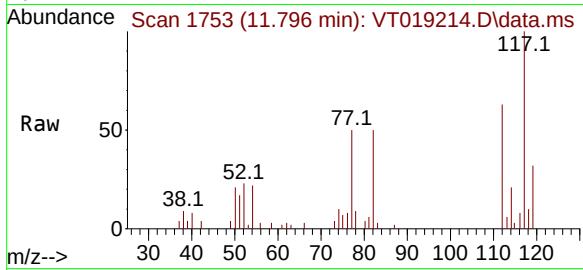




#65
Chlorobenzene
Concen: 2.919 ug/l
RT: 11.796 min Scan# 1173
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

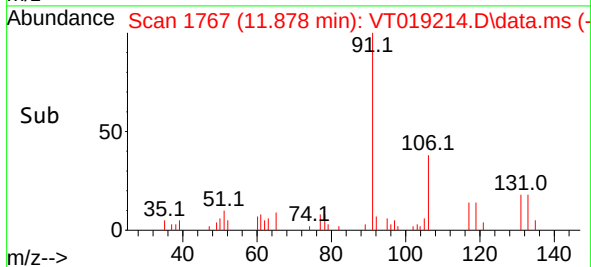
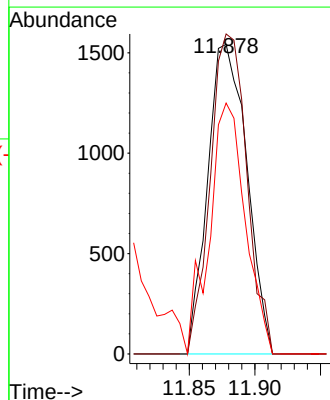
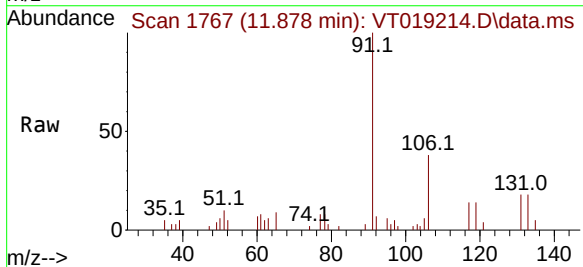
Instrument :
MSVOA_T
ClientSampleId :
MDL03

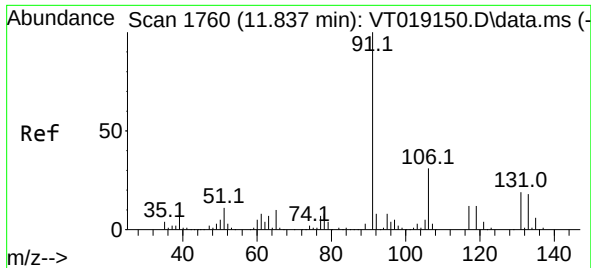
Tgt Ion:112 Resp: 10350
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.640 ug/l
RT: 11.878 min Scan# 1767
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:131 Resp: 3205
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.3
119 74.0 31.7 95.1





#67

Ethyl Benzene

Concen: 2.717 ug/l

RT: 11.884 min Scan# 1768

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

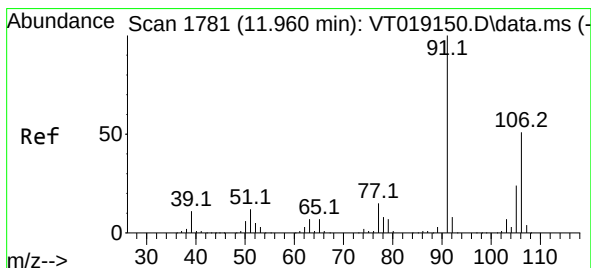
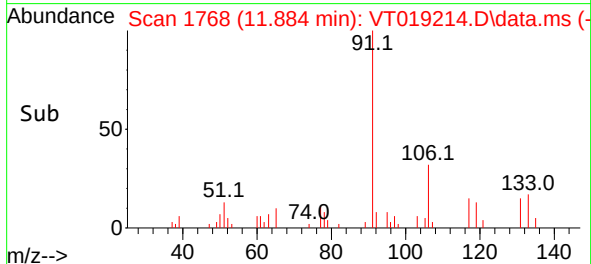
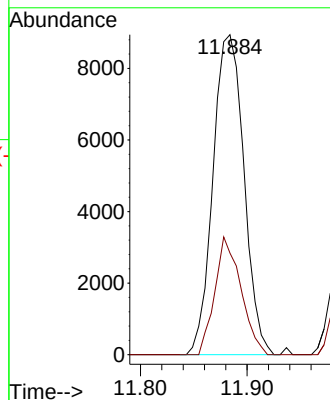
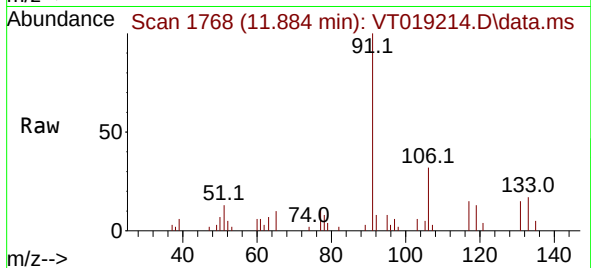
MDL03

Tgt Ion: 91 Resp: 18014

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 5.391 ug/l

RT: 12.007 min Scan# 1789

Delta R.T. 0.041 min

Lab File: VT019214.D

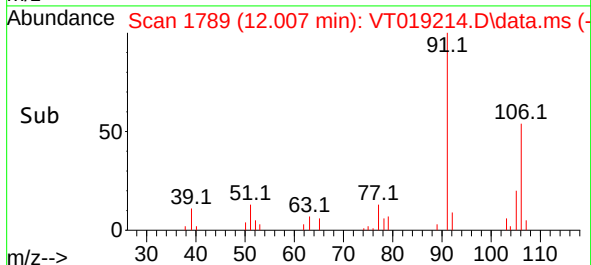
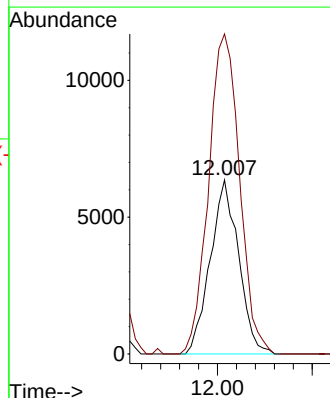
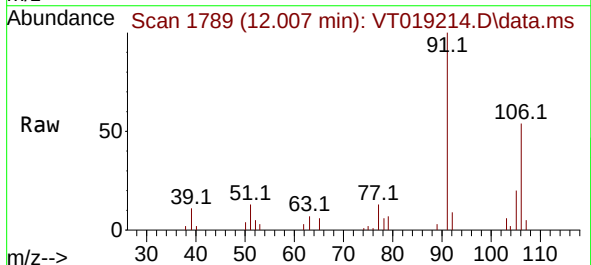
Acq: 30 Oct 2025 12:59

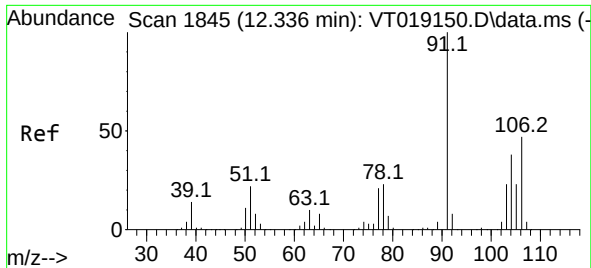
Tgt Ion:106 Resp: 13201

Ion Ratio Lower Upper

106 100

91 200.6 161.0 241.6

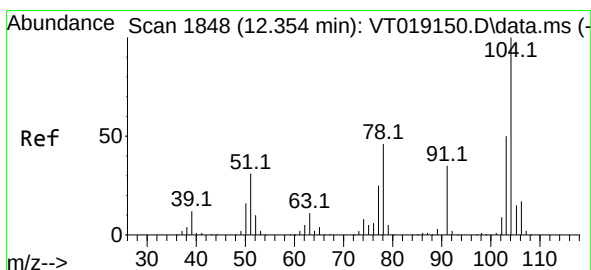
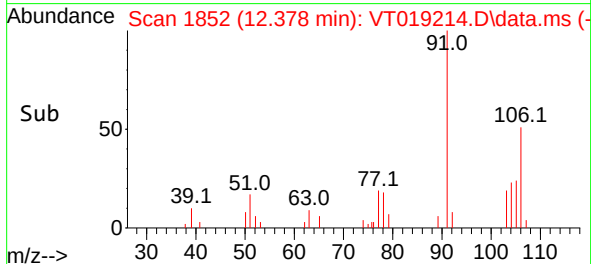
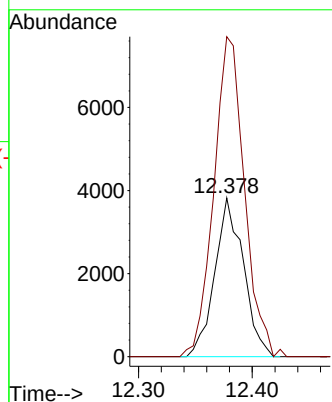
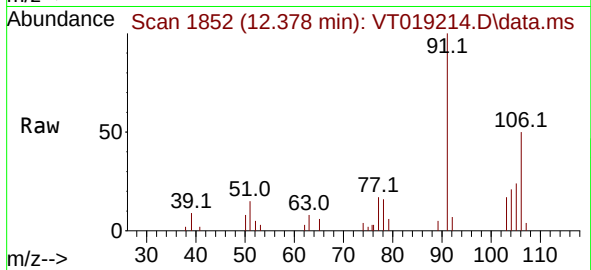




#69
o-Xylene
Concen: 2.746 ug/l
RT: 12.378 min Scan# 1852
Delta R.T. 0.036 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

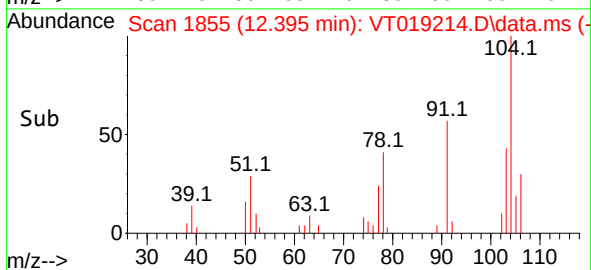
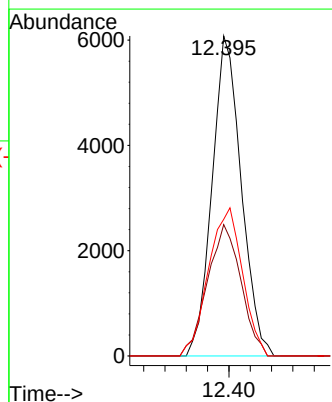
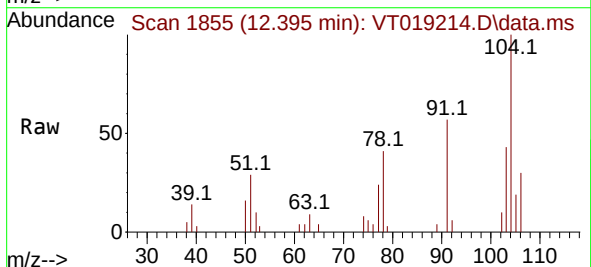
Instrument :
MSVOA_T
ClientSampleId :
MDL03

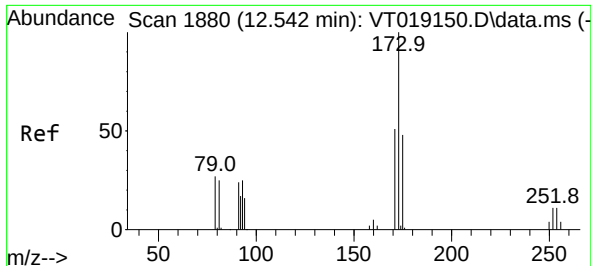
Tgt Ion:106 Resp: 6684
Ion Ratio Lower Upper
106 100
91 215.9 106.5 319.5



#70
Styrene
Concen: 2.632 ug/l
RT: 12.395 min Scan# 1855
Delta R.T. 0.035 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:104 Resp: 11536
Ion Ratio Lower Upper
104 100
78 47.2 40.8 61.2
103 53.9 43.8 65.6

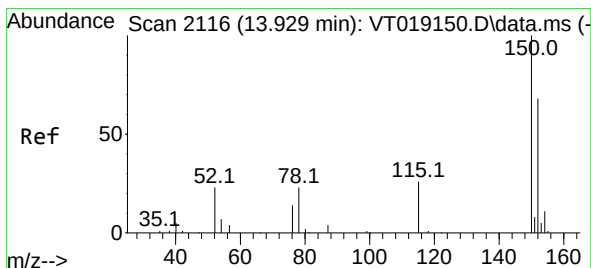
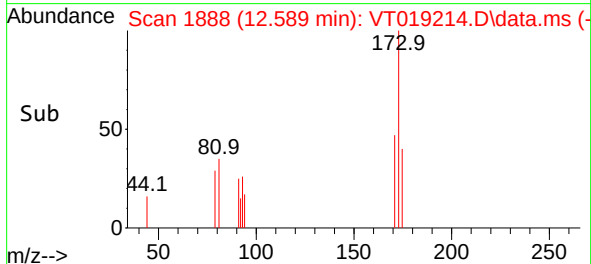
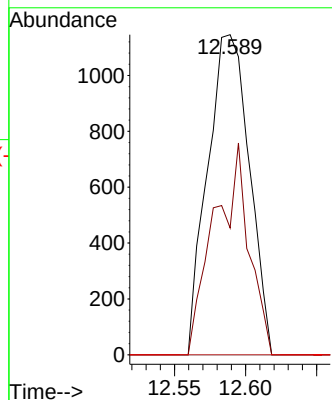
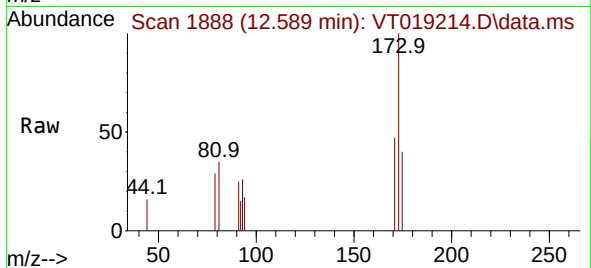




#71
Bromoform
Concen: 2.521 ug/l
RT: 12.589 min Scan# 11
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

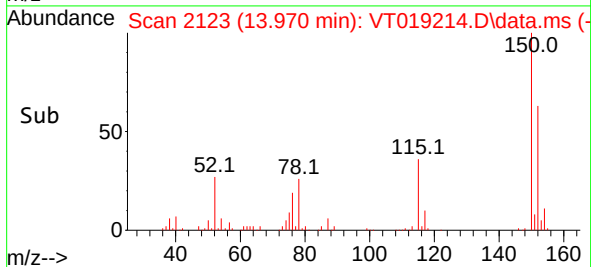
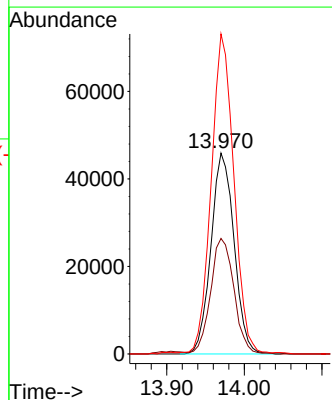
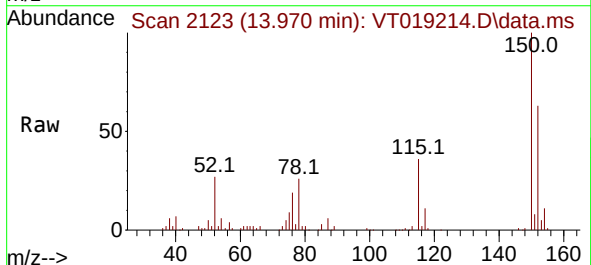
Instrument :
MSVOA_T
ClientSampleId :
MDL03

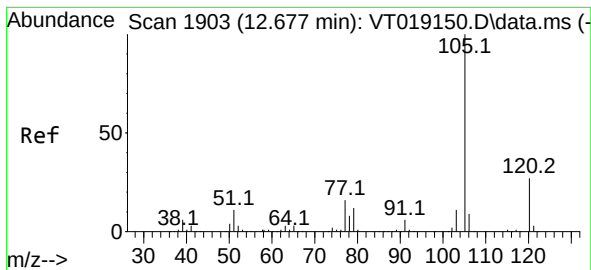
Tgt Ion:173 Resp: 2340
Ion Ratio Lower Upper
173 100
175 54.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.970 min Scan# 2123
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:152 Resp: 95157
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.9
150 156.6 0.0 342.6





#73

Isopropylbenzene

Concen: 2.584 ug/l

RT: 12.724 min Scan# 1903

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

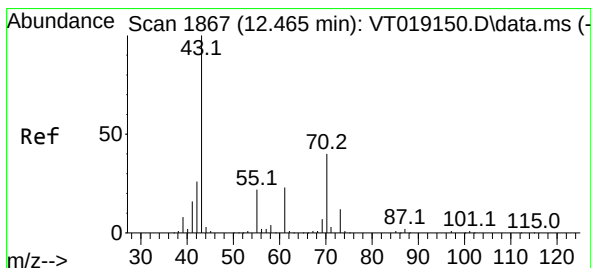
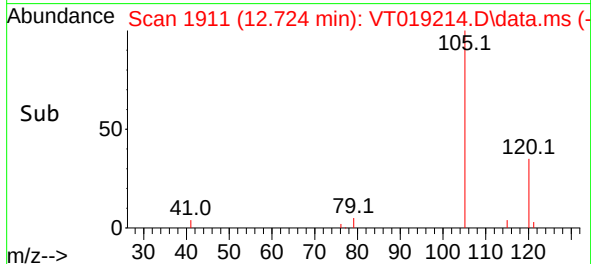
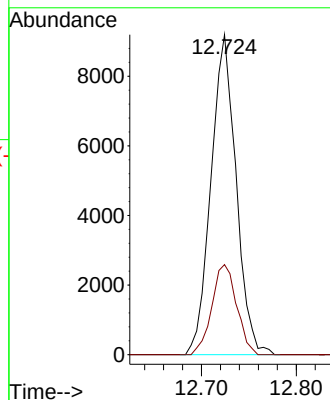
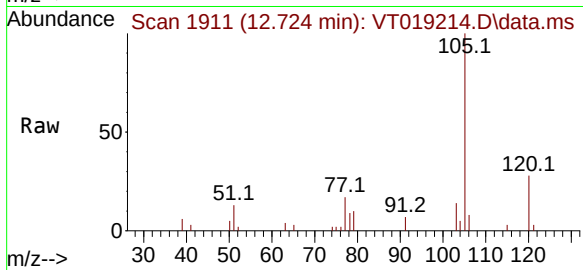
MDL03

Tgt Ion:105 Resp: 16924

Ion Ratio Lower Upper

105 100

120 27.8 13.5 40.4



#74

N-ethyl acetate

Concen: 2.565 ug/l

RT: 12.507 min Scan# 1874

Delta R.T. 0.036 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Tgt Ion: 43 Resp: 8477

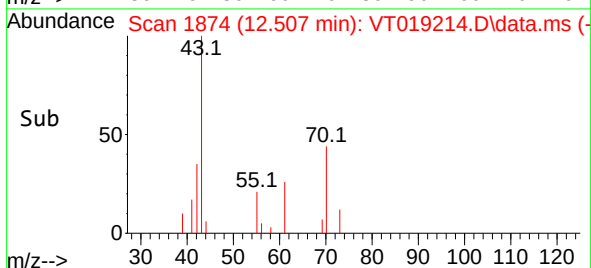
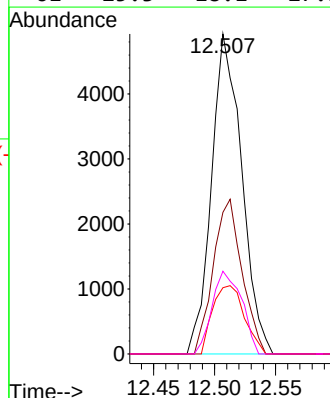
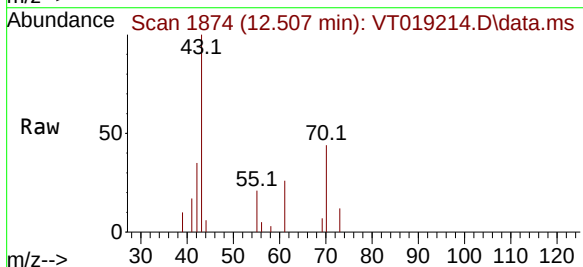
Ion Ratio Lower Upper

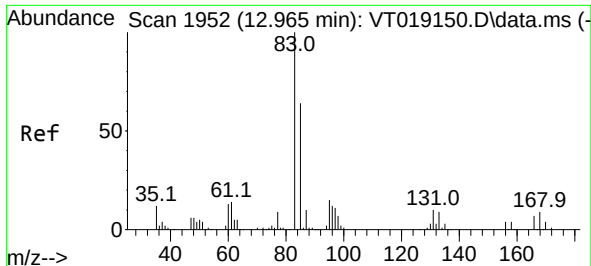
43 100

70 46.0 31.3 46.9

55 22.5 17.4 26.0

61 25.3 18.1 27.1

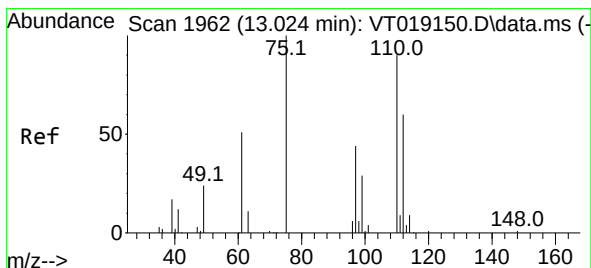
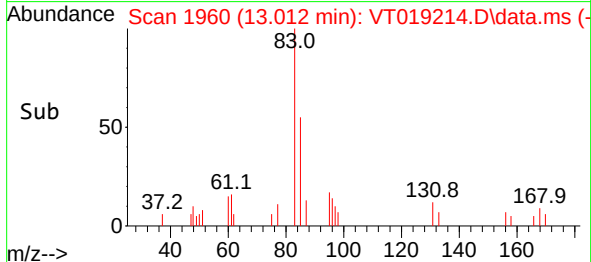
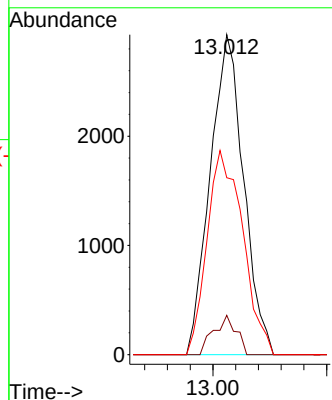
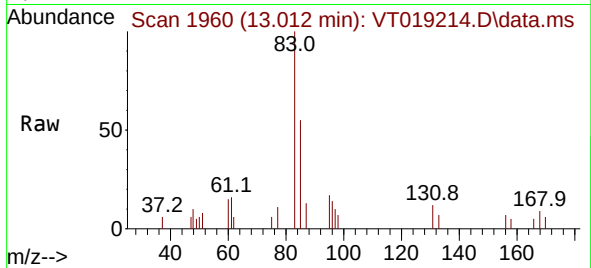




#75
1,1,2,2-Tetrachloroethane
Concen: 2.663 ug/l
RT: 13.012 min Scan# 1952
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

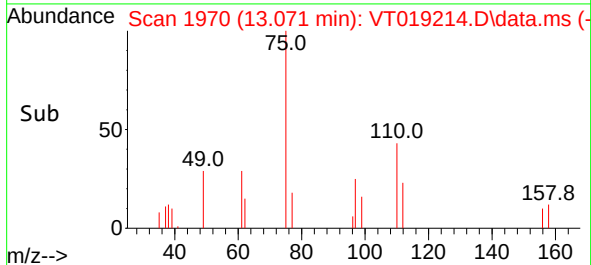
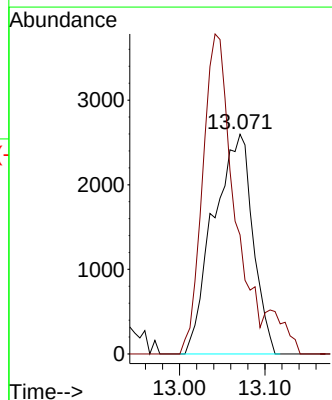
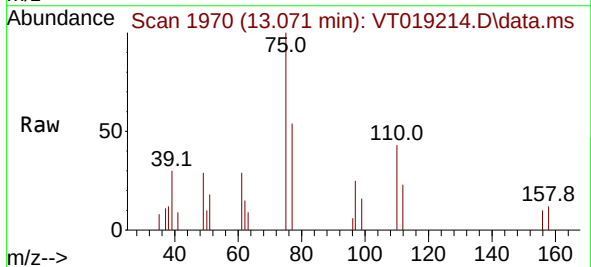
Instrument :
MSVOA_T
ClientSampleId :
MDL03

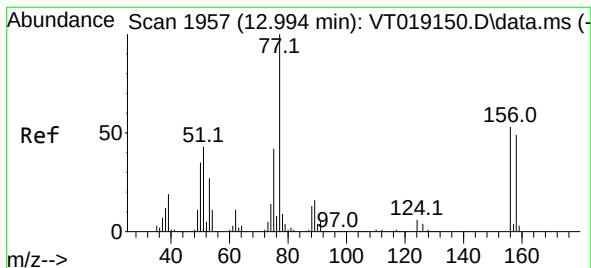
Tgt Ion: 83 Resp: 5977
Ion Ratio Lower Upper
83 100
131 8.2 5.2 15.6
85 68.1 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 4.246 ug/l
RT: 13.071 min Scan# 1970
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 75 Resp: 8314
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.792 ug/l

RT: 13.041 min Scan# 1965

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

MDL03

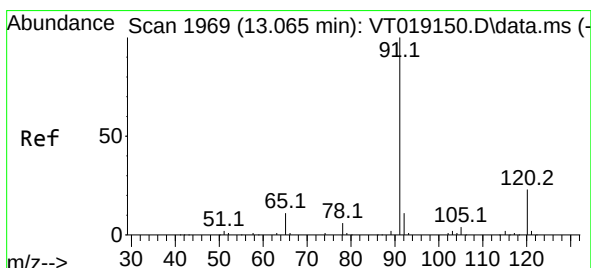
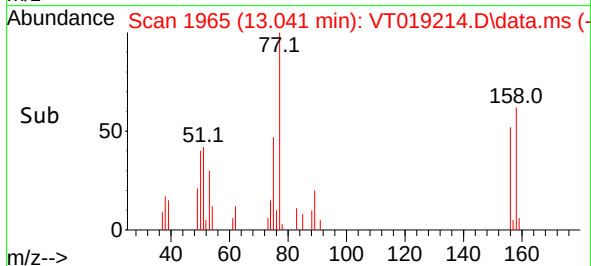
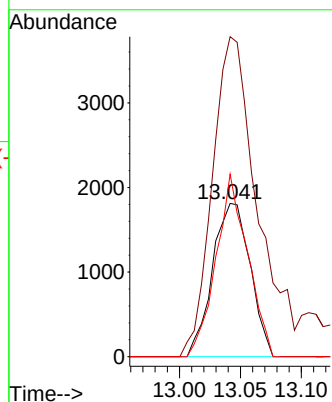
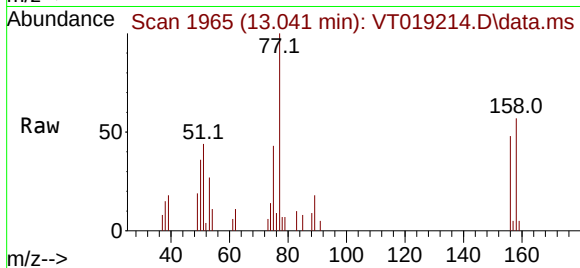
Tgt Ion:156 Resp: 3881

Ion Ratio Lower Upper

156 100

77 252.6 113.1 339.3

158 100.3 48.0 144.0



#78

n-propylbenzene

Concen: 2.750 ug/l

RT: 13.112 min Scan# 1977

Delta R.T. 0.041 min

Lab File: VT019214.D

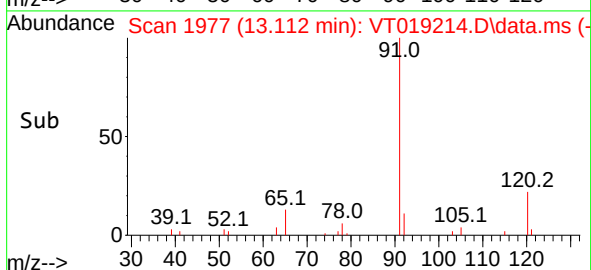
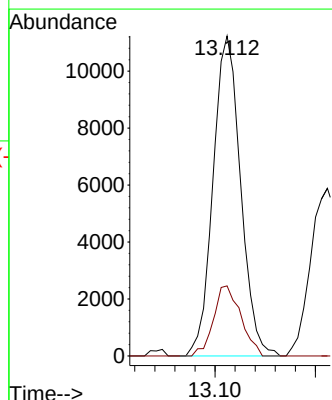
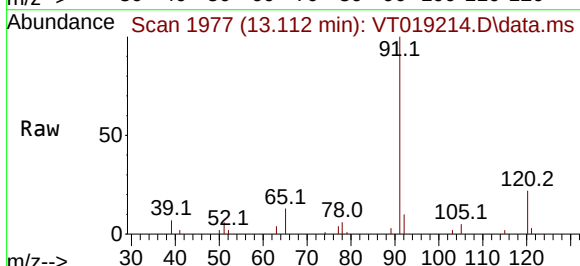
Acq: 30 Oct 2025 12:59

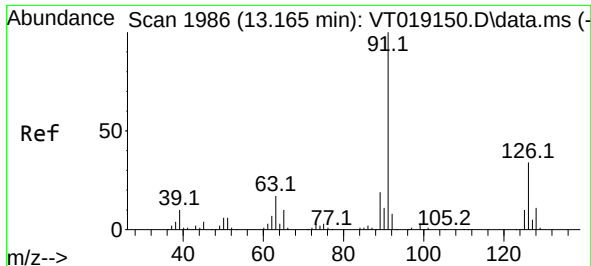
Tgt Ion: 91 Resp: 21406

Ion Ratio Lower Upper

91 100

120 21.8 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.748 ug/l

RT: 13.212 min Scan# 1986

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

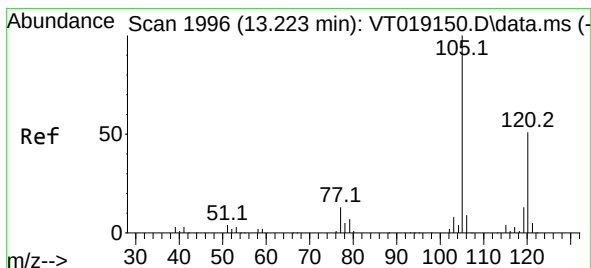
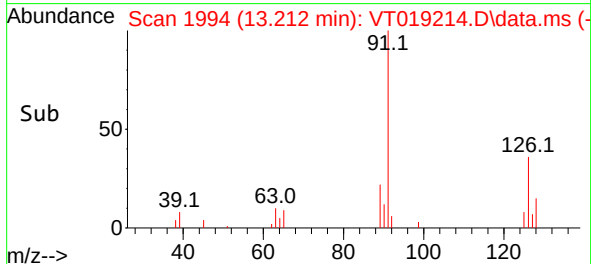
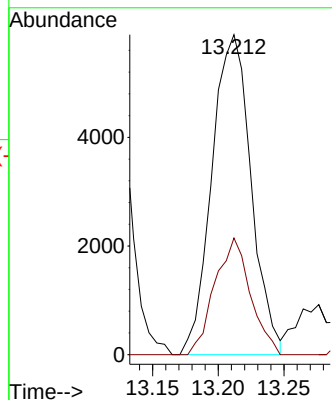
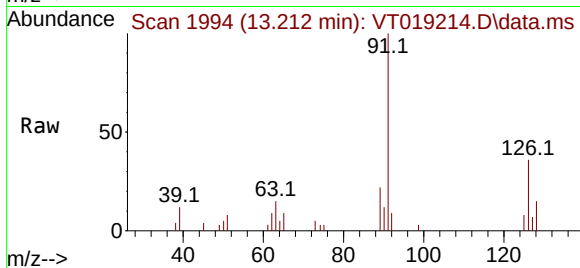
MDL03

Tgt Ion: 91 Resp: 12252

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 2.567 ug/l

RT: 13.271 min Scan# 2004

Delta R.T. 0.042 min

Lab File: VT019214.D

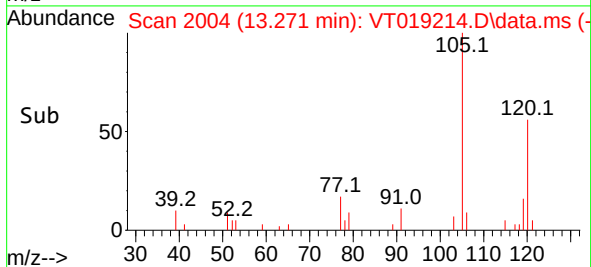
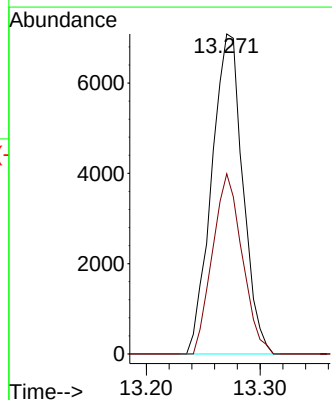
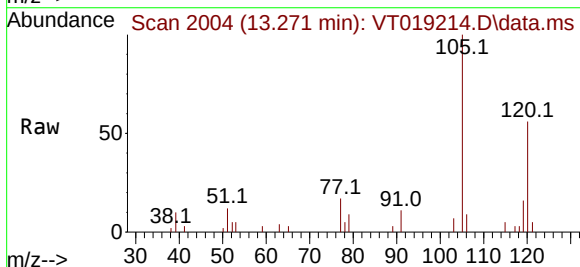
Acq: 30 Oct 2025 12:59

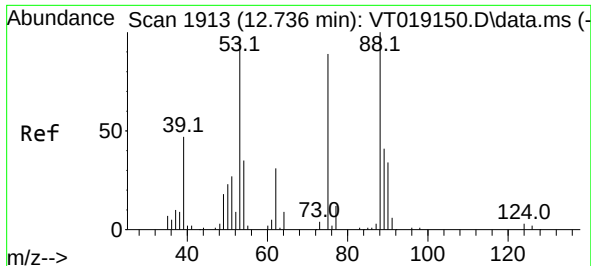
Tgt Ion: 105 Resp: 13507

Ion Ratio Lower Upper

105 100

120 53.6 25.5 76.5

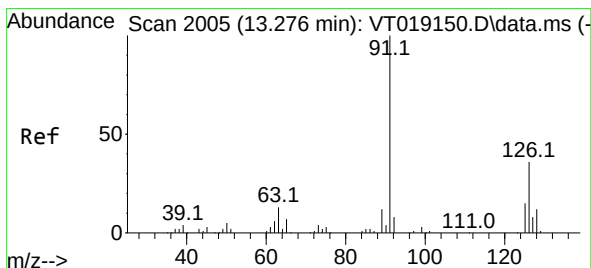
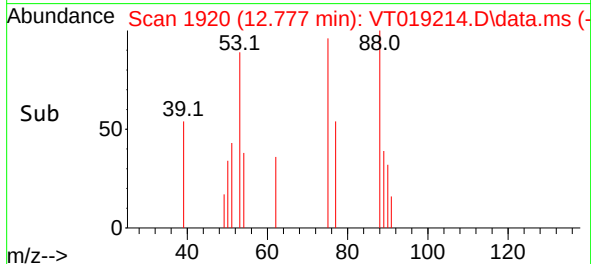
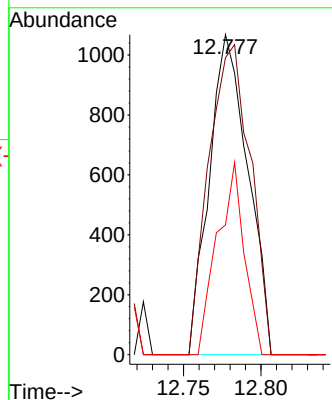
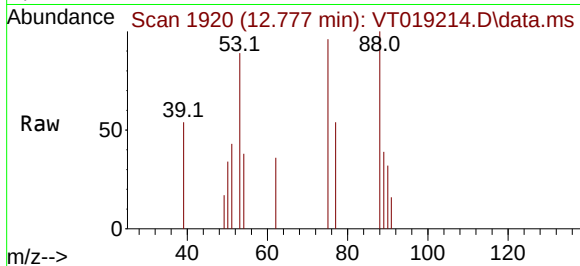




#81
trans-1,4-Dichloro-2-butene
Concen: 2.214 ug/l
RT: 12.777 min Scan# 1913
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

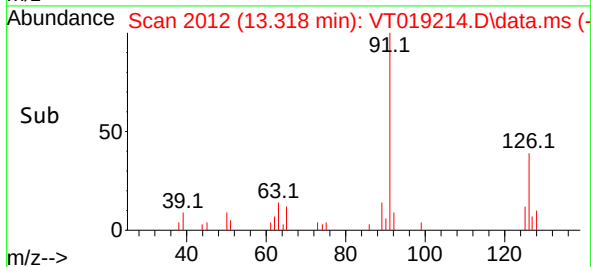
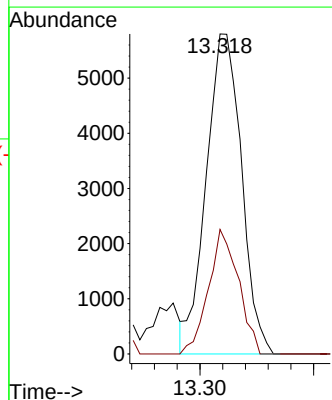
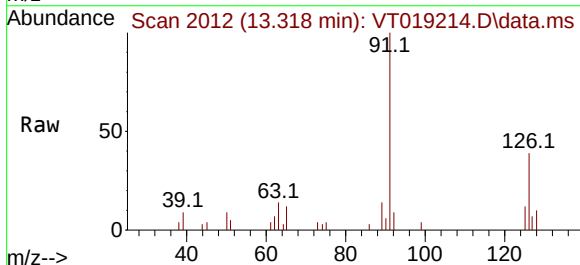
Instrument :
MSVOA_T
ClientSampleId :
MDL03

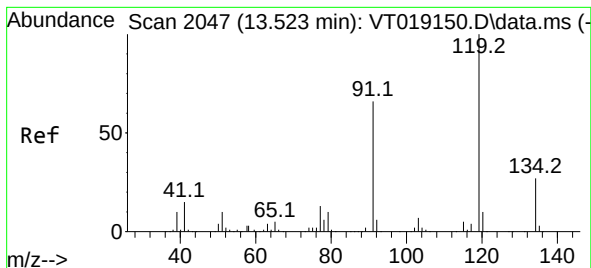
Tgt Ion:	75	Resp:	1848
Ion	Ratio	Lower	Upper
75	100		
53	104.3	86.0	129.0
89	42.0	36.3	54.5



#82
4-Chlorotoluene
Concen: 2.754 ug/l
RT: 13.318 min Scan# 2012
Delta R.T. 0.036 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:	91	Resp:	12497
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.9	50.7





#83

tert-Butylbenzene

Concen: 2.828 ug/l

RT: 13.570 min Scan# 2055

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

MDL03

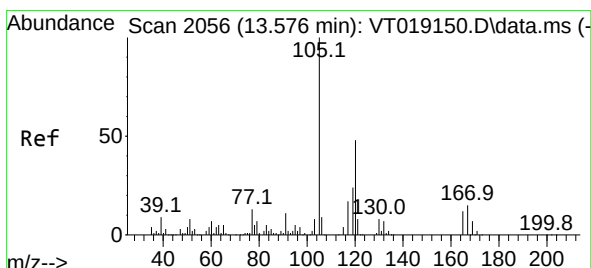
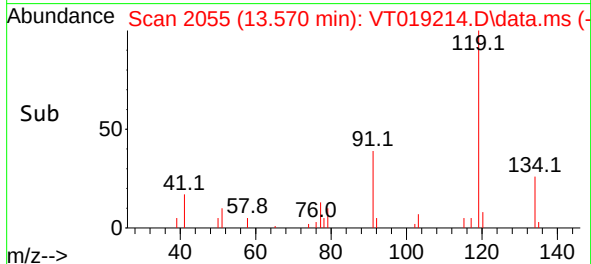
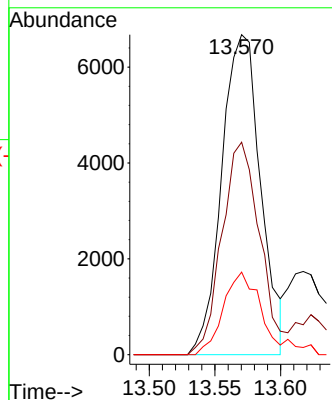
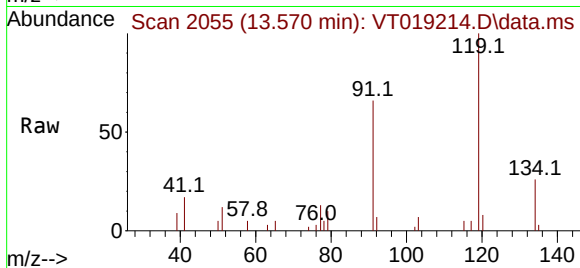
Tgt Ion:119 Resp: 13775

Ion Ratio Lower Upper

119 100

91 65.3 32.9 98.6

134 26.4 14.8 44.3



#84

1,2,4-Trimethylbenzene

Concen: 2.639 ug/l

RT: 13.617 min Scan# 2063

Delta R.T. 0.035 min

Lab File: VT019214.D

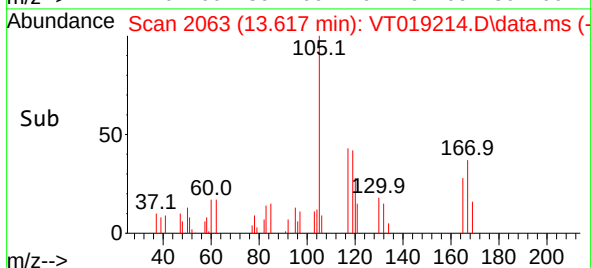
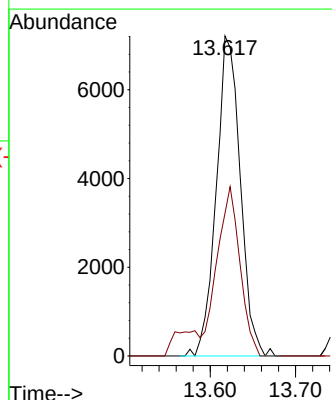
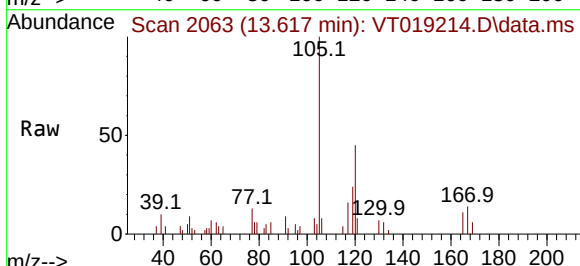
Acq: 30 Oct 2025 12:59

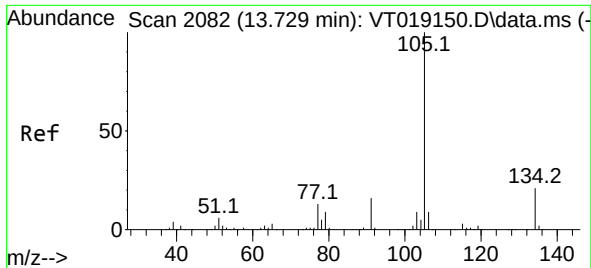
Tgt Ion:105 Resp: 14102

Ion Ratio Lower Upper

105 100

120 50.8 23.7 71.1

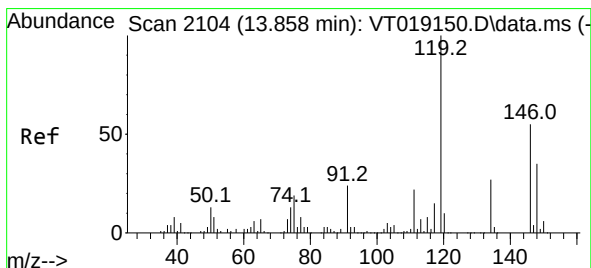
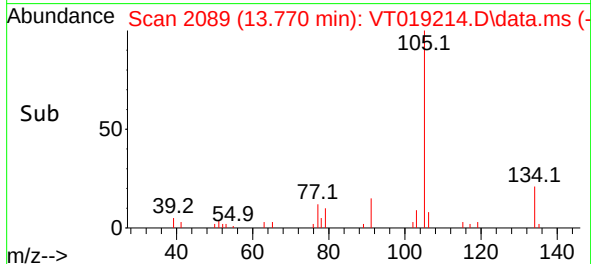
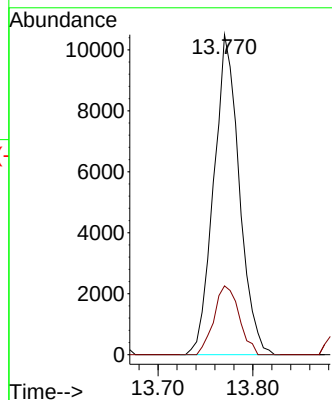
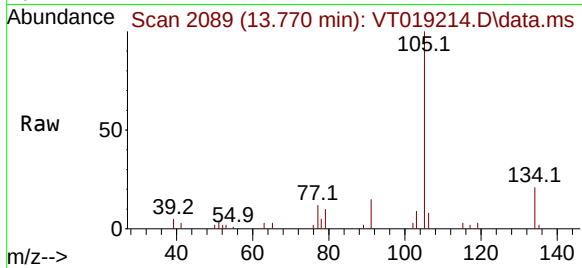




#85
sec-Butylbenzene
Concen: 2.744 ug/l
RT: 13.770 min Scan# 2089
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

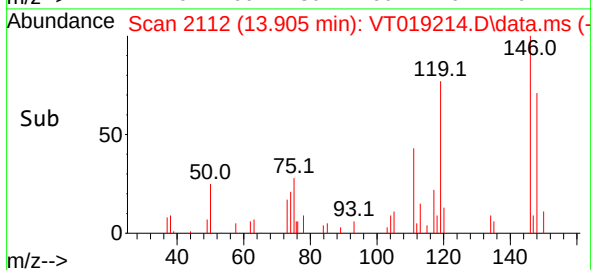
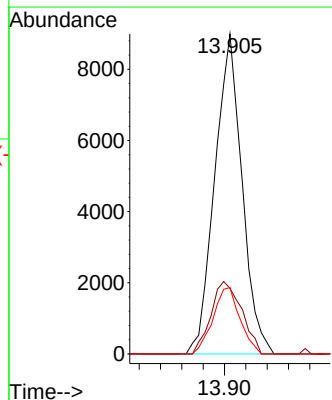
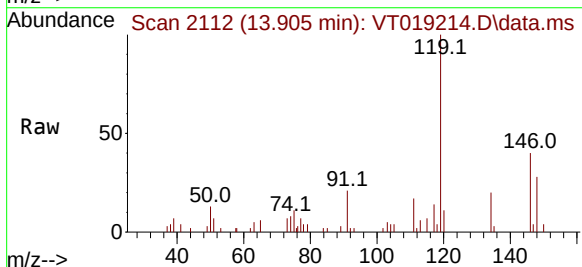
Instrument :
MSVOA_T
ClientSampleId :
MDL03

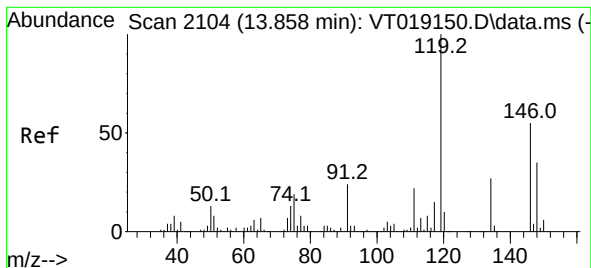
Tgt Ion:105 Resp: 19601
Ion Ratio Lower Upper
105 100
134 21.2 10.7 32.1



#86
p-Isopropyltoluene
Concen: 2.672 ug/l
RT: 13.905 min Scan# 2112
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:119 Resp: 15936
Ion Ratio Lower Upper
119 100
134 25.6 13.4 40.1
91 20.5 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 2.807 ug/l

RT: 13.911 min Scan# 2113

Delta R.T. 0.047 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Instrument :

MSVOA_T

ClientSampleId :

MDL03

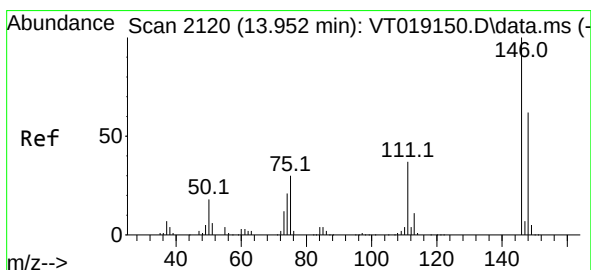
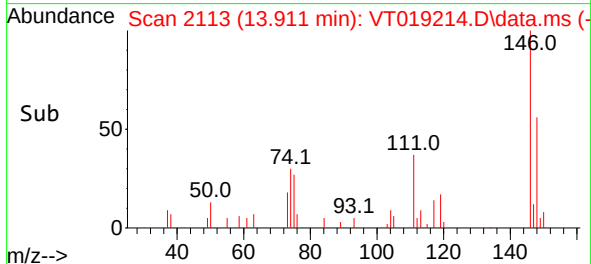
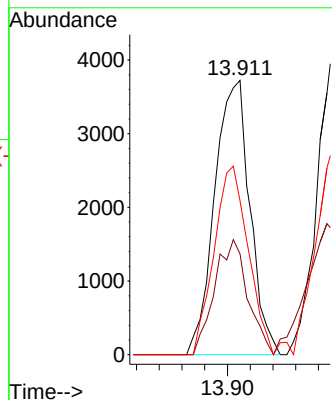
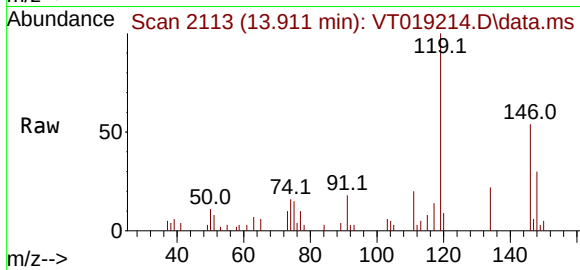
Tgt Ion:146 Resp: 8006

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 66.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 3.113 ug/l

RT: 13.993 min Scan# 2127

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

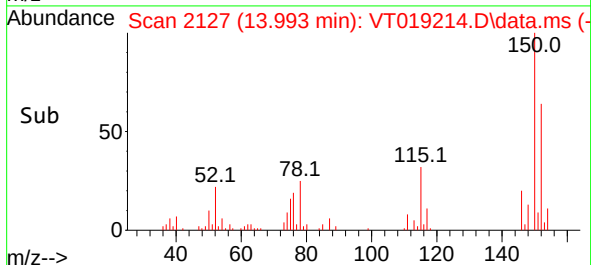
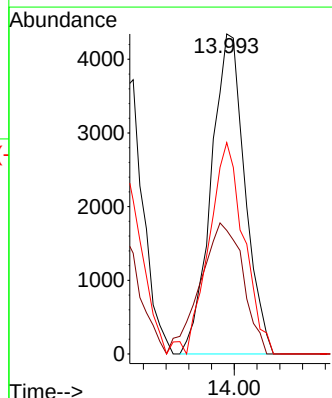
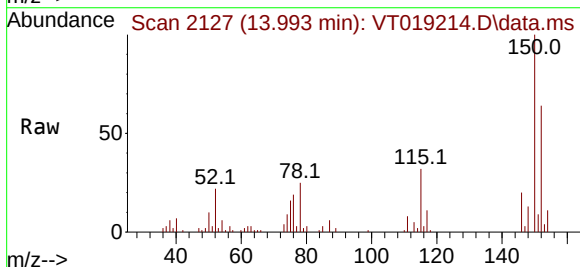
Tgt Ion:146 Resp: 8943

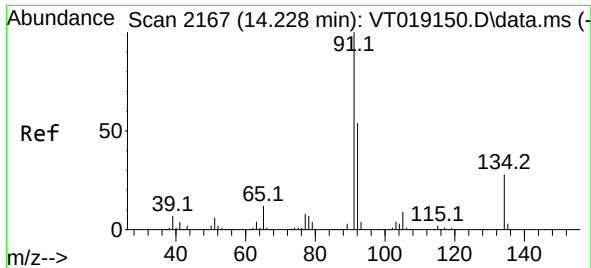
Ion Ratio Lower Upper

146 100

111 51.8 19.3 57.8

148 68.4 31.8 95.4





#89

n-Butylbenzene

Concen: 2.651 ug/l

RT: 14.275 min Scan# 2167

Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

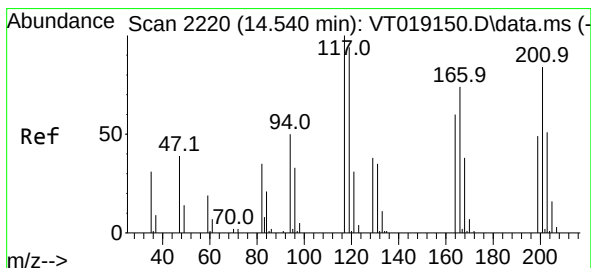
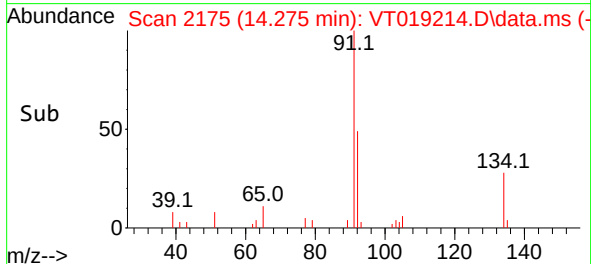
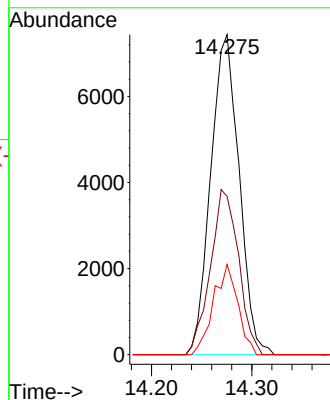
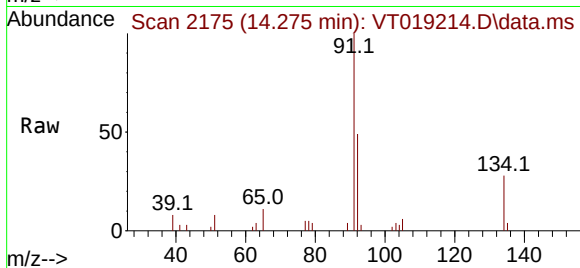
Instrument :

MSVOA_T

ClientSampleId :

MDL03

Tgt Ion: 91	Resp: 14604
Ion Ratio	Lower Upper
91	100
92	51.2 27.1 81.2
134	24.2 13.7 41.0



#90

Hexachloroethane

Concen: 2.525 ug/l

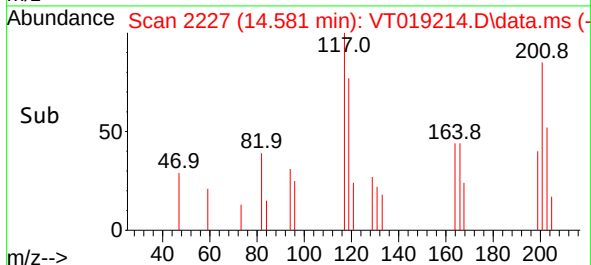
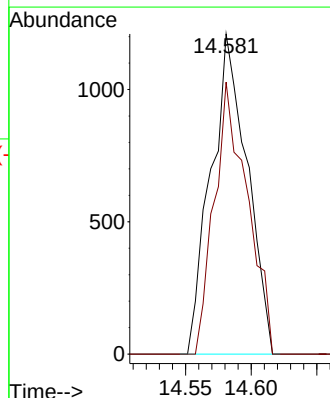
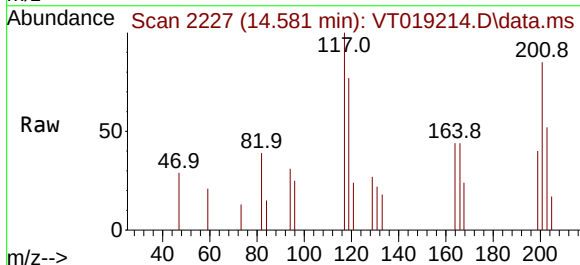
RT: 14.581 min Scan# 2227

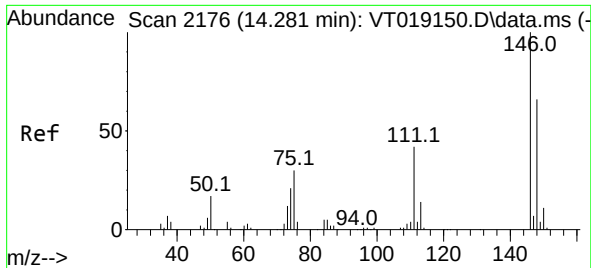
Delta R.T. 0.041 min

Lab File: VT019214.D

Acq: 30 Oct 2025 12:59

Tgt Ion: 117	Resp: 2323
Ion Ratio	Lower Upper
117	100
201	77.4 39.7 119.1

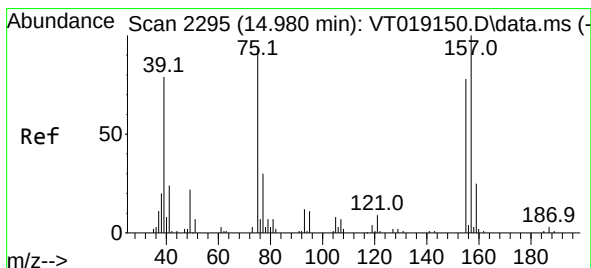
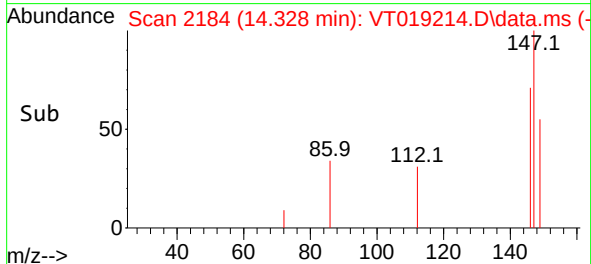
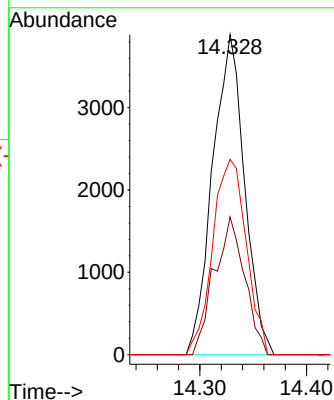
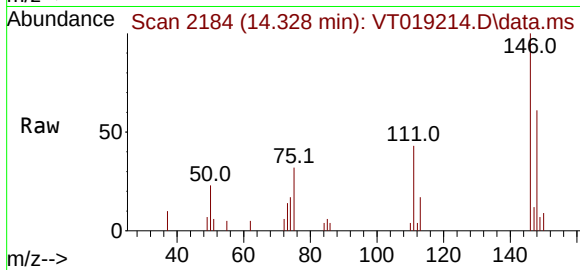




#91
1,2-Dichlorobenzene
Concen: 2.889 ug/l
RT: 14.328 min Scan# 2176
Delta R.T. 0.041 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

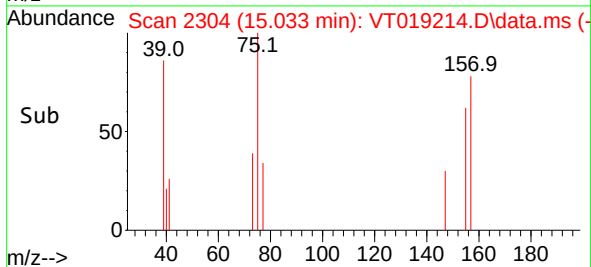
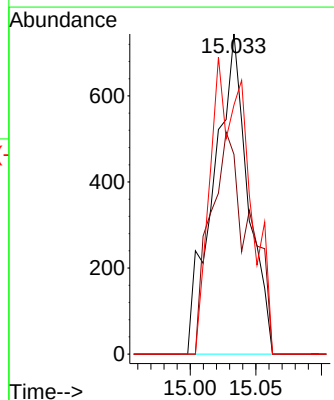
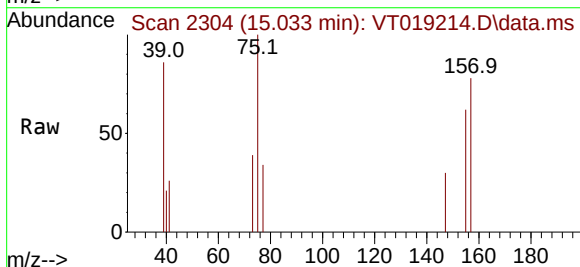
Instrument :
MSVOA_T
ClientSampleId :
MDL03

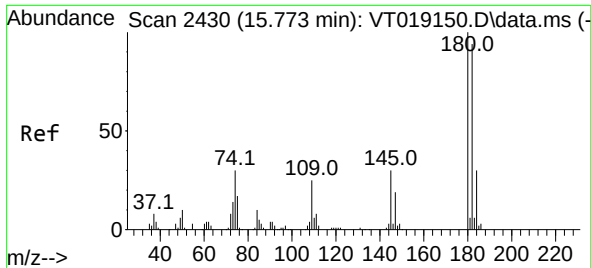
Tgt Ion:146 Resp: 8070
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.4
148 64.5 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.807 ug/l
RT: 15.033 min Scan# 2304
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion: 75 Resp: 1359
Ion Ratio Lower Upper
75 100
155 78.4 42.9 128.7
157 102.0 54.9 164.8

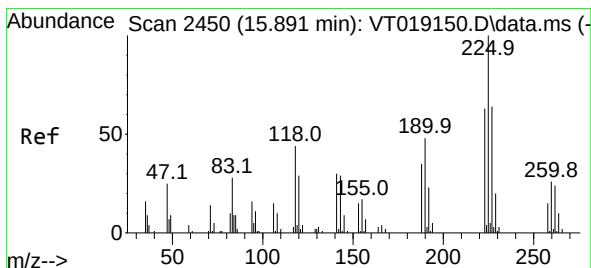
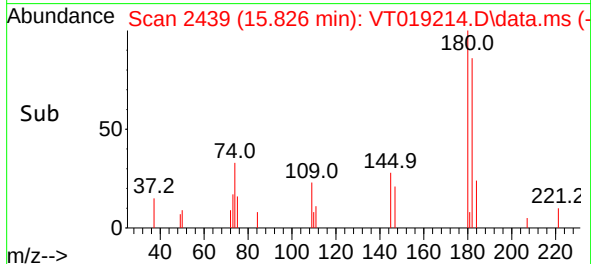
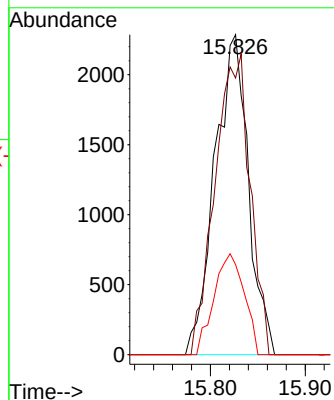
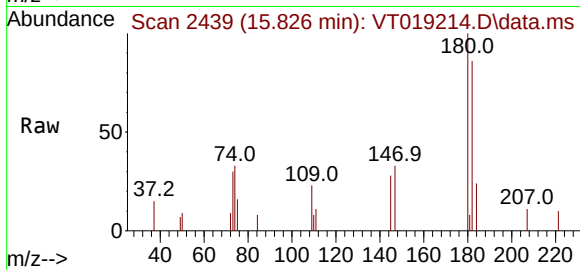




#93
1,2,4-Trichlorobenzene
Concen: 3.122 ug/l
RT: 15.826 min Scan# 2430
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

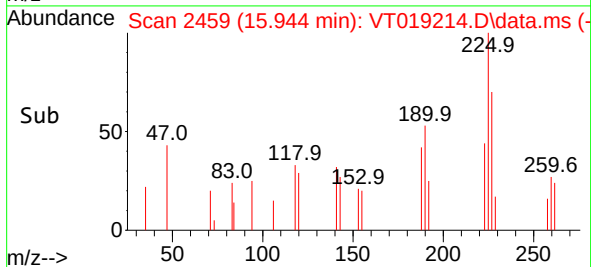
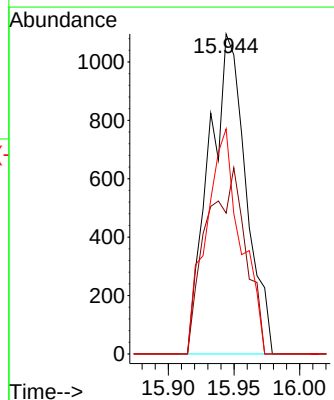
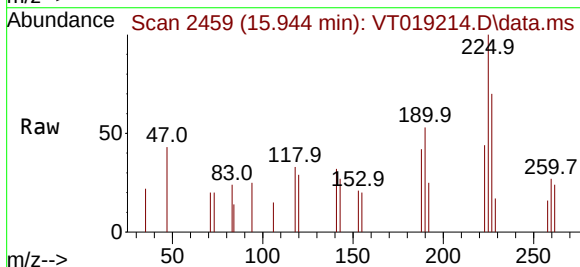
Instrument :
MSVOA_T
ClientSampleId :
MDL03

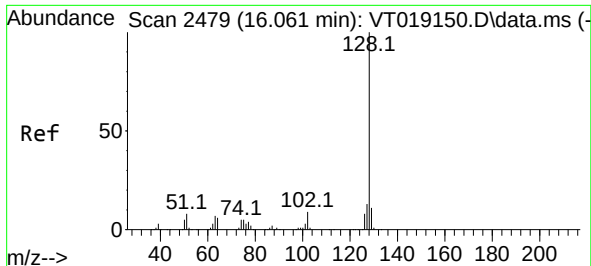
Tgt Ion:180 Resp: 5609
Ion Ratio Lower Upper
180 100
182 98.0 47.0 141.0
145 28.5 15.0 45.0



#94
Hexachlorobutadiene
Concen: 2.889 ug/l
RT: 15.944 min Scan# 2459
Delta R.T. 0.047 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:225 Resp: 2141
Ion Ratio Lower Upper
225 100
223 61.7 31.1 93.5
227 66.2 31.9 95.9

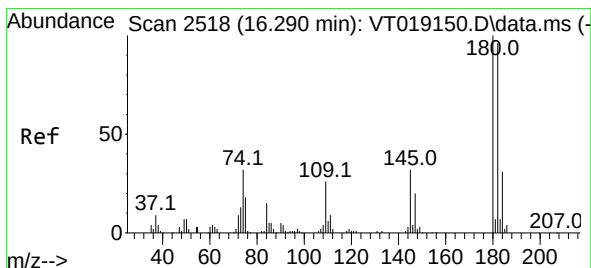
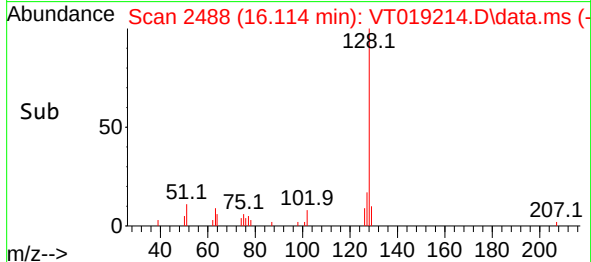
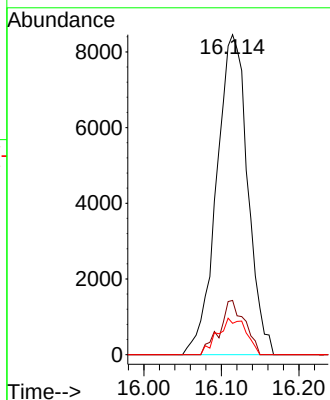
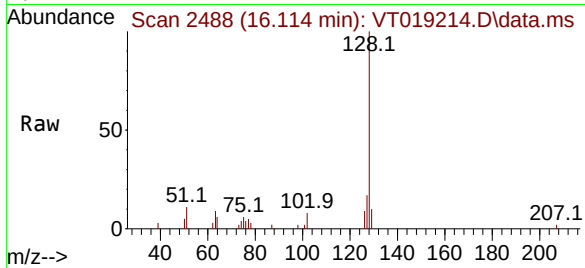




#95
Naphthalene
Concen: 3.742 ug/l
RT: 16.114 min Scan# 2479
Delta R.T. 0.053 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Instrument :
MSVOA_T
ClientSampleId :
MDL03

Tgt Ion:128 Resp: 23540
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.437 ug/l
RT: 16.344 min Scan# 2527
Delta R.T. 0.048 min
Lab File: VT019214.D
Acq: 30 Oct 2025 12:59

Tgt Ion:180 Resp: 6093
Ion Ratio Lower Upper
180 100
182 88.7 47.6 142.8
145 29.0 15.8 47.4

