

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019225.D
 Acq On : 31 Oct 2025 13:17
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

Quant Time: Nov 01 05:23:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 01 05:22:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.612	168	129530	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	227463	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	182576	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	86975	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	99925	47.961	ug/l	0.07
Spiked Amount 50.000			Recovery	=	95.920%	
35) Dibromofluoromethane	7.530	113	67878	47.182	ug/l	0.07
Spiked Amount 50.000			Recovery	=	94.360%	
50) Toluene-d8	10.286	98	272467	46.638	ug/l	0.06
Spiked Amount 50.000			Recovery	=	93.280%	
62) 4-Bromofluorobenzene	12.912	95	85385	46.490	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.896	85	1737	2.277	ug/l	94
3) Chloromethane	2.119	50	2575	2.190	ug/l #	42
4) Vinyl Chloride	2.219	62	3776	2.511	ug/l	97
5) Bromomethane	2.559	94	3586	4.427	ug/l	89
6) Chloroethane	2.712	64	3055	2.239	ug/l #	86
7) Trichlorofluoromethane	3.012	101	6821	2.450	ug/l	99
8) Diethyl Ether	3.388	74	3689	2.763	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.705	101	4135	3.061	ug/l #	17
10) Methyl Iodide	3.905	142	1771	1.619	ug/l #	92
11) Tert butyl alcohol	4.704	59	7474	16.877	ug/l #	93
12) 1,1-Dichloroethene	3.693	96	3701	2.965	ug/l #	93
13) Acrolein	3.582	56	1299	17.194	ug/l	88
14) Allyl chloride	4.199	41	780	0.317	ug/l #	28
15) Acrylonitrile	4.880	53	14808	13.711	ug/l	95
16) Acetone	3.776	43	32622	22.962	ug/l	95
17) Carbon Disulfide	3.999	76	5117	3.016	ug/l #	75
18) Methyl Acetate	4.257	43	7242	1.975	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	15386	2.729	ug/l	93
20) Methylene Chloride	4.475	84	4260	3.058	ug/l #	81
21) trans-1,2-Dichloroethene	4.945	96	2787	2.622	ug/l #	72
22) Diisopropyl ether	5.856	45	15188	2.599	ug/l #	94
23) Vinyl Acetate	5.785	43	60907	14.589	ug/l	99
24) 1,1-Dichloroethane	5.744	63	7448	2.724	ug/l #	84
25) 2-Butanone	6.749	43	26924	16.895	ug/l	91
26) 2,2-Dichloropropane	6.719	77	6025	2.554	ug/l	90
27) cis-1,2-Dichloroethene	6.731	96	3931	2.635	ug/l	88
29) Tetrahydrofuran	7.137	42	12747	13.748	ug/l #	89
30) Chloroform	7.301	83	6884	2.690	ug/l	91
31) Cyclohexane	7.601	56	8273	4.070	ug/l #	68
32) 1,1,1-Trichloroethane	7.513	97	5251	2.577	ug/l	94
36) 1,1-Dichloropropene	7.748	75	3988	2.464	ug/l	96
37) Ethyl Acetate	6.837	43	8164	2.964	ug/l #	89
38) Carbon Tetrachloride	7.736	117	3575	2.430	ug/l #	79
39) Methylcyclohexane	9.152	83	4572	2.557	ug/l	95
40) Benzene	8.012	78	14008	2.557	ug/l	100
41) Methacrylonitrile	7.084	41	3905	2.818	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.112	62	5288	2.747	ug/l	97
43) Isopropyl Acetate	8.153	43	11818	2.698	ug/l	98
44) Trichloroethene	8.882	130	2964	2.768	ug/l	93
45) 1,2-Dichloropropane	9.193	63	3577	2.566	ug/l	97
46) Dibromomethane	9.293	93	2330	2.778	ug/l	83
47) Bromodichloromethane	9.504	83	4446	2.351	ug/l #	99
48) Methyl methacrylate	9.281	41	5125	2.605	ug/l	90
49) 1,4-Dioxane	9.287	88	2158	58.396	ug/l	94
51) 4-Methyl-2-Pentanone	10.162	43	35059	13.289	ug/l	97
52) Toluene	10.356	92	8156	2.606	ug/l	92
53) t-1,3-Dichloropropene	10.609	75	5731	2.800	ug/l	96
54) cis-1,3-Dichloropropene	10.004	75	5463	2.577	ug/l	92
55) 1,1,2-Trichloroethane	10.809	97	3568	2.890	ug/l #	84
56) Ethyl methacrylate	10.662	69	5902	2.488	ug/l	97
57) 1,3-Dichloropropane	10.979	76	6136	2.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.833	63	9657	15.125	ug/l	92
59) 2-Hexanone	11.032	43	29607	14.814	ug/l	97
60) Dibromochloromethane	11.202	129	3259	2.618	ug/l	99
61) 1,2-Dibromoethane	11.326	107	3068	2.669	ug/l	99
64) Tetrachloroethene	10.897	164	2054	2.475	ug/l	95
65) Chlorobenzene	11.813	112	9072	2.768	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.896	131	2916	2.599	ug/l	97
67) Ethyl Benzene	11.896	91	15884	2.593	ug/l	97
68) m/p-Xylenes	12.013	106	12162	5.374	ug/l	95
69) o-Xylene	12.395	106	5669	2.520	ug/l	94
70) Styrene	12.413	104	10142	2.504	ug/l	96
71) Bromoform	12.601	173	2294	2.674	ug/l #	93
73) Isopropylbenzene	12.736	105	15400	2.572	ug/l	97
74) N-amyl acetate	12.519	43	8534	2.826	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.030	83	5867	2.860	ug/l	89
76) 1,2,3-Trichloropropane	13.088	75	7911	4.420	ug/l #	100
77) Bromobenzene	13.053	156	3563	2.805	ug/l	96
78) n-propylbenzene	13.124	91	19043	2.677	ug/l	98
79) 2-Chlorotoluene	13.224	91	11308	2.775	ug/l	95
80) 1,3,5-Trimethylbenzene	13.288	105	13081	2.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.789	75	1850	2.425	ug/l #	91
82) 4-Chlorotoluene	13.335	91	11467	2.765	ug/l	100
83) tert-Butylbenzene	13.582	119	12319	2.767	ug/l	97
84) 1,2,4-Trimethylbenzene	13.629	105	12610	2.582	ug/l	96
85) sec-Butylbenzene	13.782	105	17075	2.615	ug/l	94
86) p-Isopropyltoluene	13.911	119	13808	2.533	ug/l	99
87) 1,3-Dichlorobenzene	13.917	146	7037	2.700	ug/l	95
88) 1,4-Dichlorobenzene	13.917	146	7037	2.680	ug/l	93
89) n-Butylbenzene	14.287	91	13497	2.680	ug/l	93
90) Hexachloroethane	14.593	117	1797	2.137	ug/l	100
91) 1,2-Dichlorobenzene	14.340	146	7363	2.884	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	15.051	75	993	2.244	ug/l	95
93) 1,2,4-Trichlorobenzene	15.832	180	4605	2.804	ug/l	98
94) Hexachlorobutadiene	15.962	225	1692	2.498	ug/l	97
95) Naphthalene	16.138	128	18402	3.200	ug/l #	92
96) 1,2,3-Trichlorobenzene	16.367	180	4881	3.012	ug/l	96

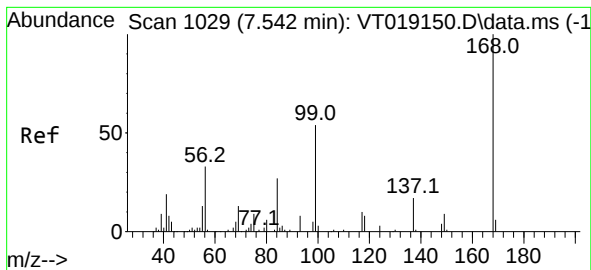
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Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.612 min Scan# 10

Delta R.T. 0.064 min

Lab File: VT019225.D

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Instrument :

MSVOA_T

ClientSampleId :

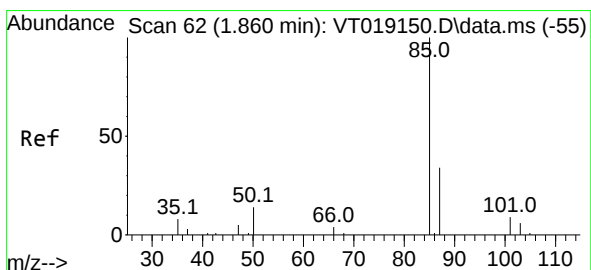
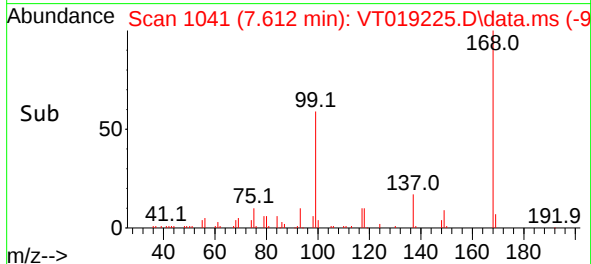
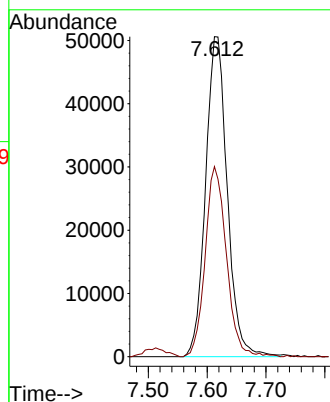
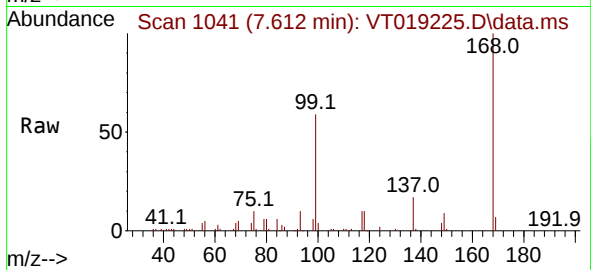
MDL07

Tgt Ion:168 Resp: 129530

Ion Ratio Lower Upper

168 100

99 59.4 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 2.277 ug/l

RT: 1.896 min Scan# 68

Delta R.T. 0.023 min

Lab File: VT019225.D

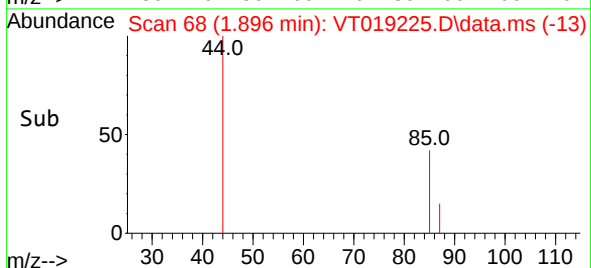
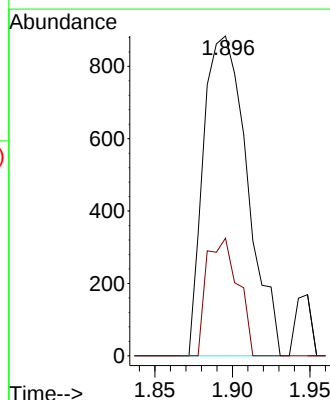
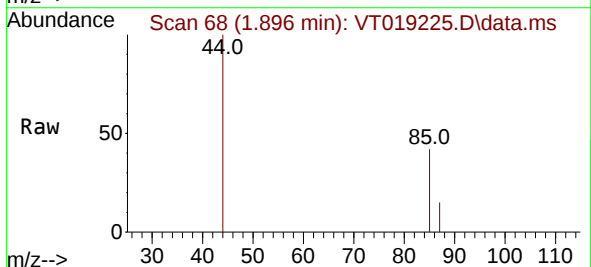
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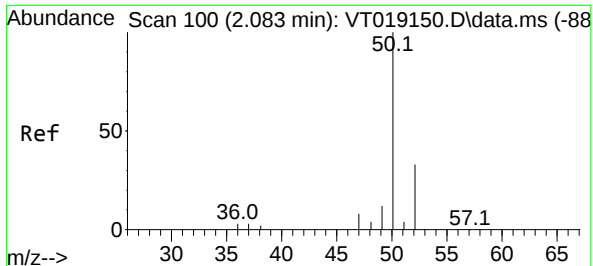
Tgt Ion: 85 Resp: 1737

Ion Ratio Lower Upper

85 100

87 36.8 16.8 50.4

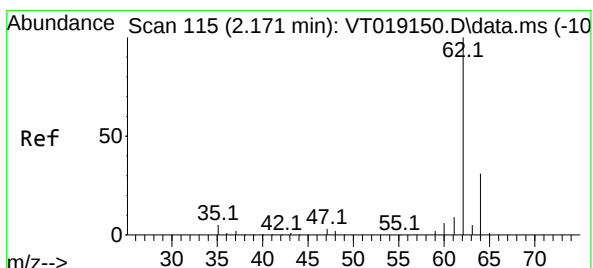
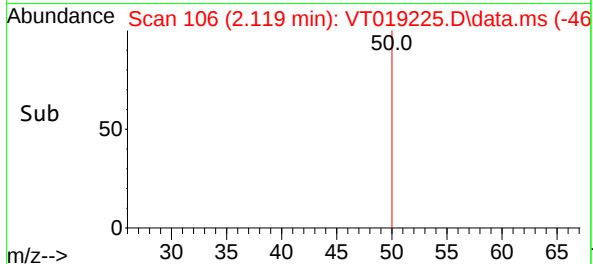
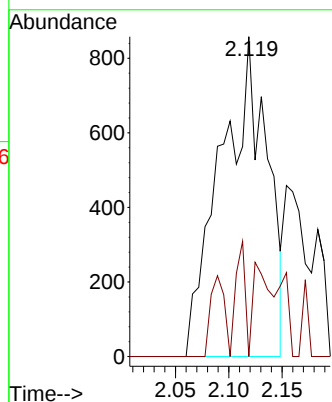
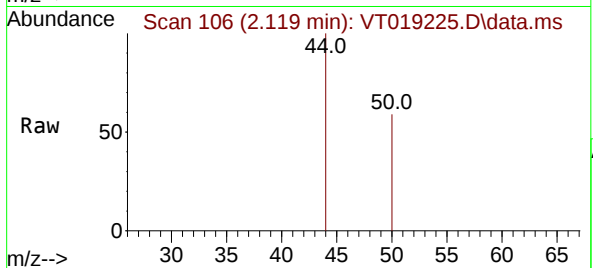




#3
Chloromethane
Concen: 2.190 ug/l
RT: 2.119 min Scan# 106
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

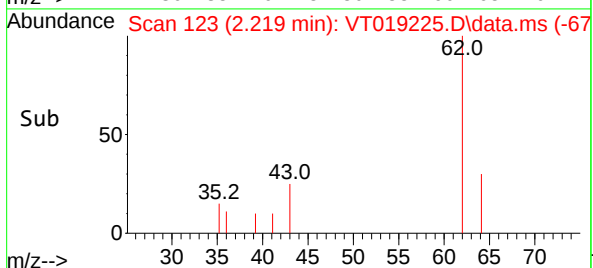
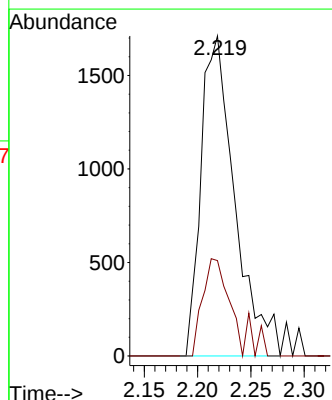
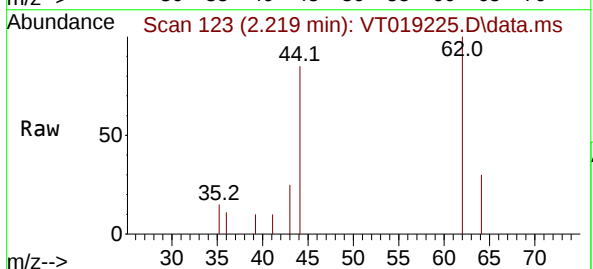
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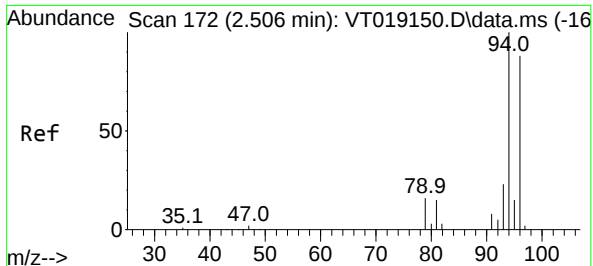
Tgt Ion: 50 Resp: 2575
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



#4
Vinyl Chloride
Concen: 2.511 ug/l
RT: 2.219 min Scan# 123
Delta R.T. 0.030 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 62 Resp: 3776
Ion Ratio Lower Upper
62 100
64 29.8 25.2 37.8

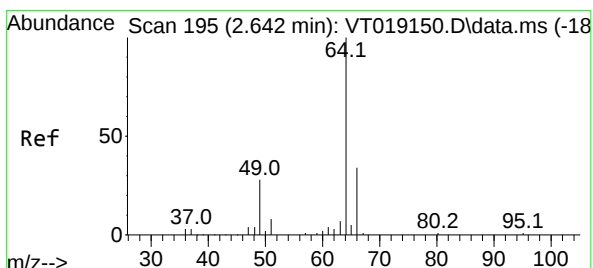
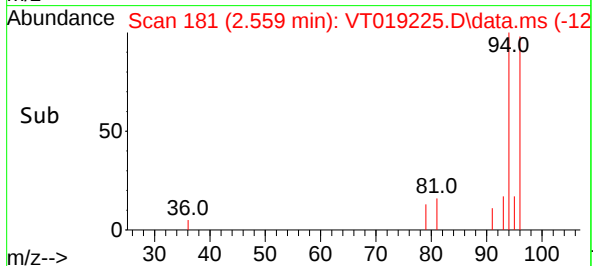
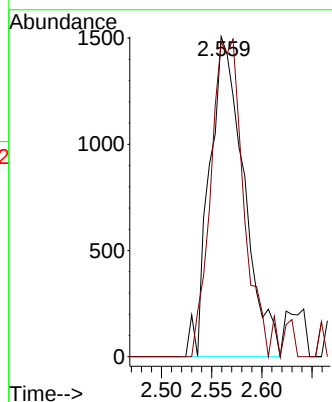
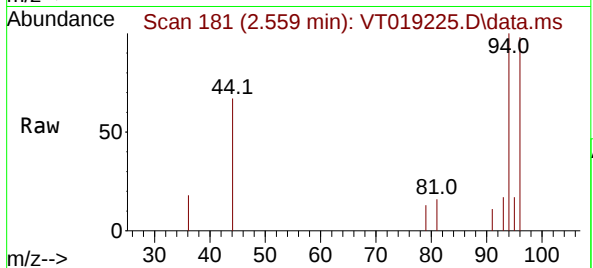




#5
Bromomethane
Concen: 4.427 ug/l
RT: 2.559 min Scan# 11
Delta R.T. 0.041 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

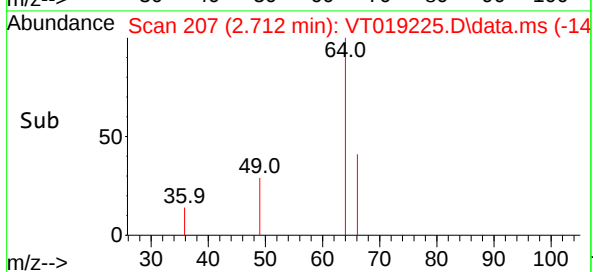
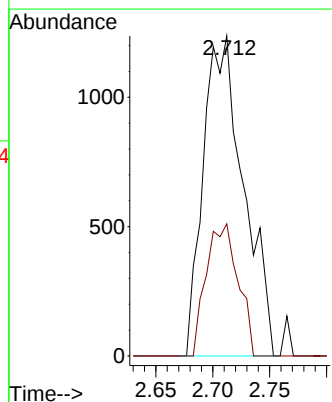
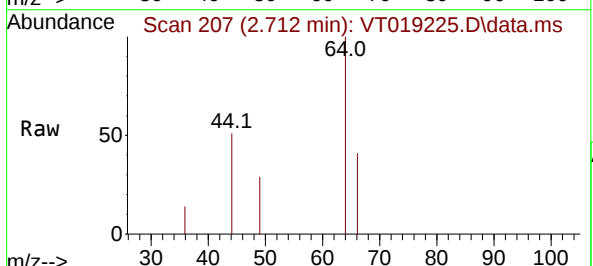
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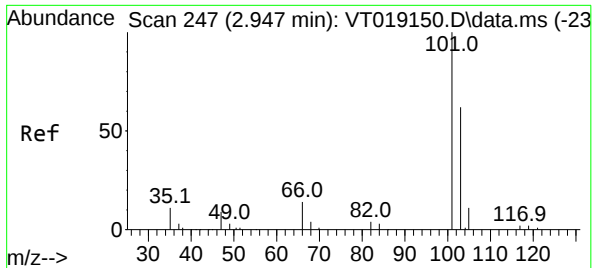
Tgt Ion: 94 Resp: 3586
Ion Ratio Lower Upper
94 100
96 98.3 70.8 106.2



#6
Chloroethane
Concen: 2.239 ug/l
RT: 2.712 min Scan# 207
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 64 Resp: 3055
Ion Ratio Lower Upper
64 100
66 41.3 26.9 40.3#

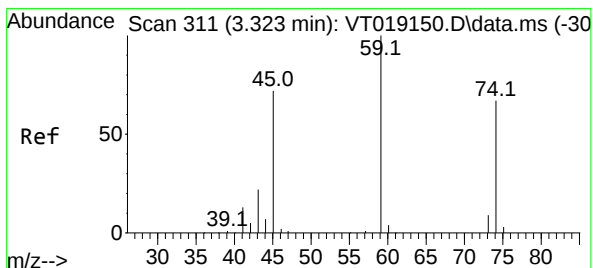
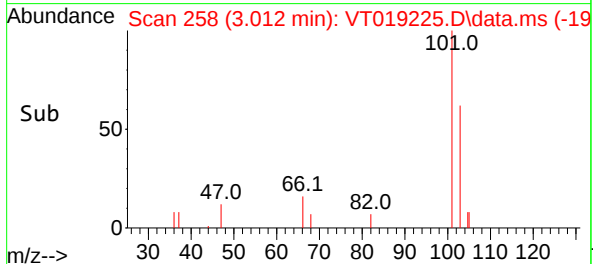
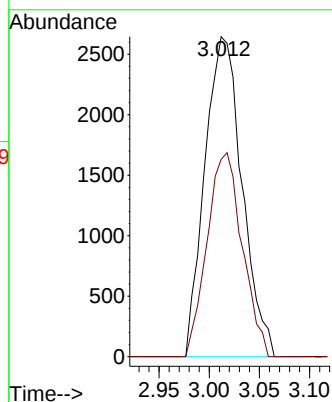
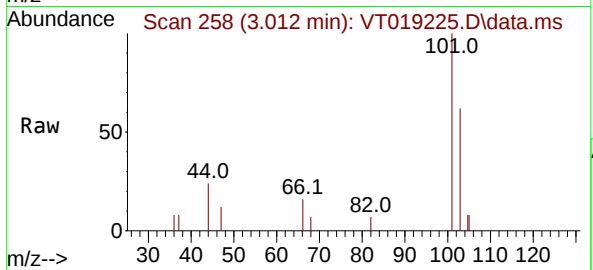




#7
 Trichlorofluoromethane
 Concen: 2.450 ug/l
 RT: 3.012 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

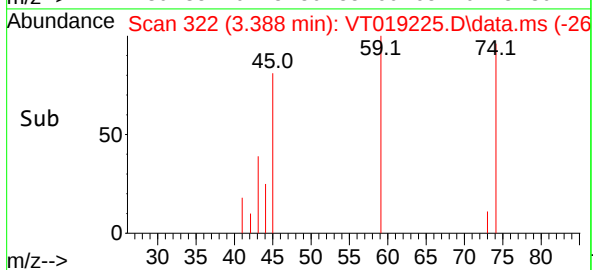
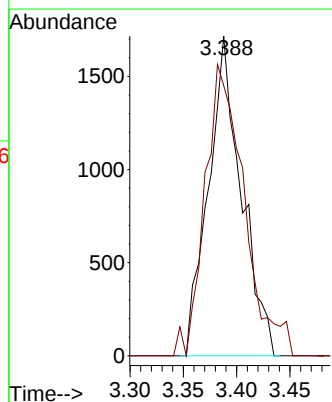
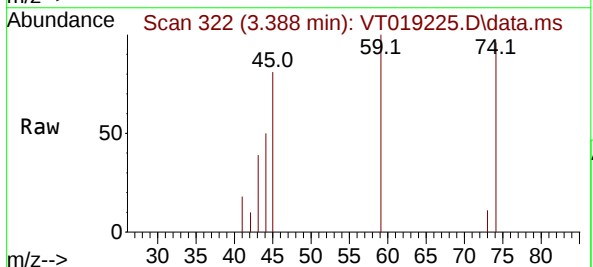
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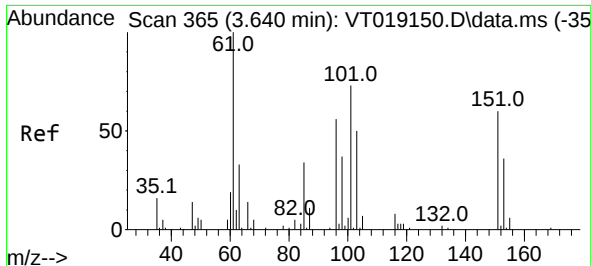
Tgt Ion:101 Resp: 6821
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.9 74.9



#8
 Diethyl Ether
 Concen: 2.763 ug/l
 RT: 3.388 min Scan# 322
 Delta R.T. 0.053 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

Tgt Ion: 74 Resp: 3689
 Ion Ratio Lower Upper
 74 100
 45 108.5 52.3 156.8

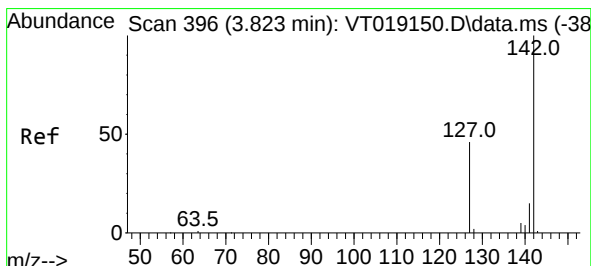
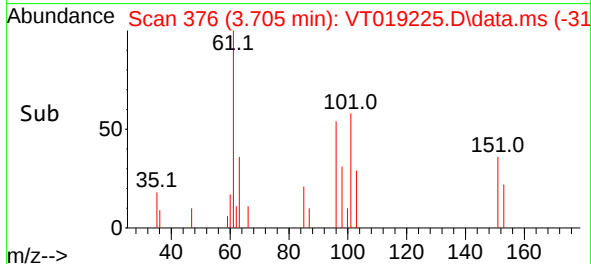
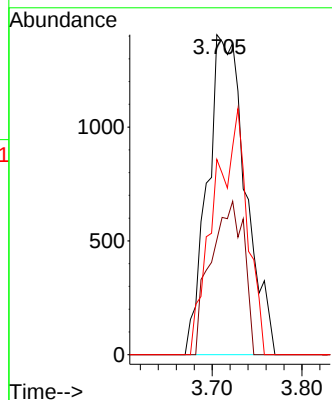
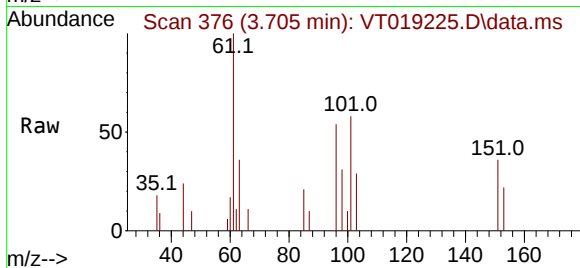




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.061 ug/l
RT: 3.705 min Scan# 31
Delta R.T. 0.053 min
Lab File: VT019225.D
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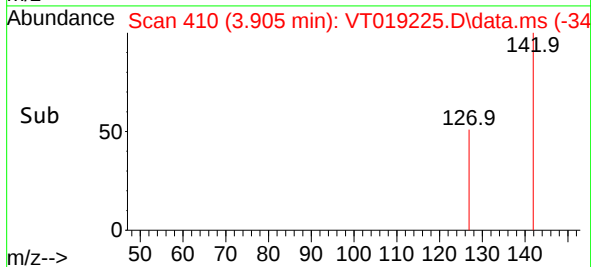
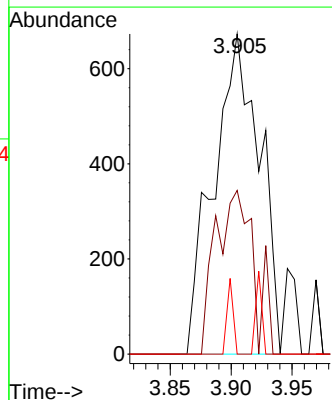
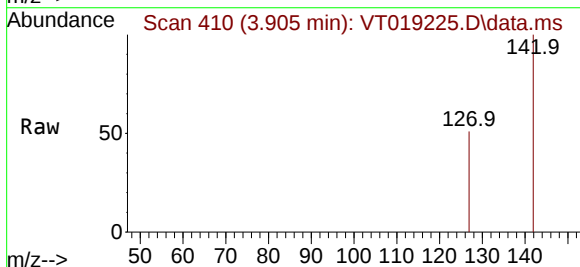
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ClientSampleId :
MDL07

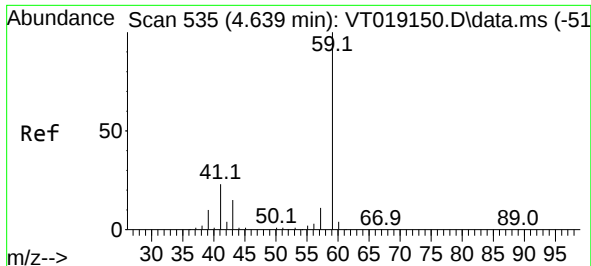
Tgt Ion:101 Resp: 4135
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 0.0 63.8 95.6#



#10
Methyl Iodide
Concen: 1.619 ug/l
RT: 3.905 min Scan# 410
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:142 Resp: 1771
Ion Ratio Lower Upper
142 100
127 42.5 35.0 52.4
141 3.2 11.4 17.2#

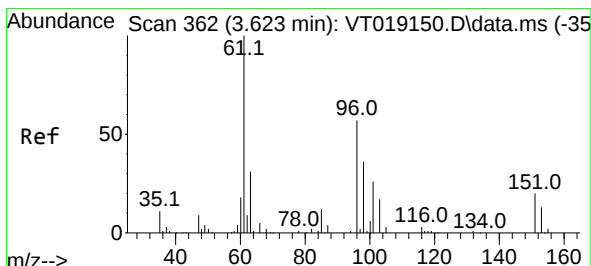
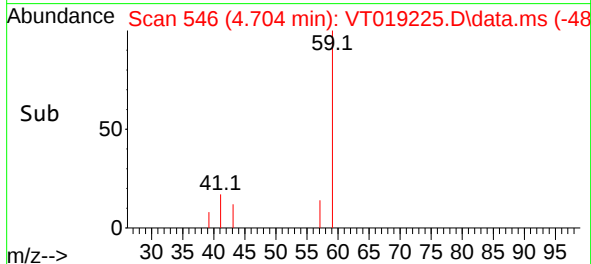
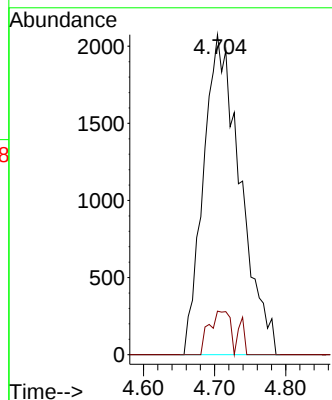
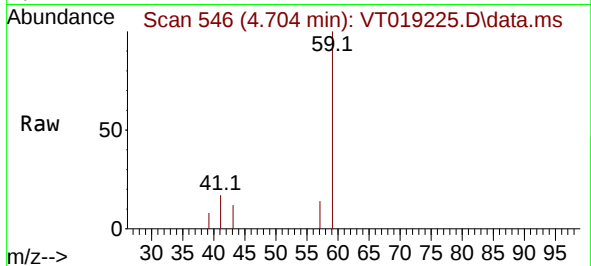




#11
Tert butyl alcohol
Concen: 16.877 ug/l
RT: 4.704 min Scan# 54
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

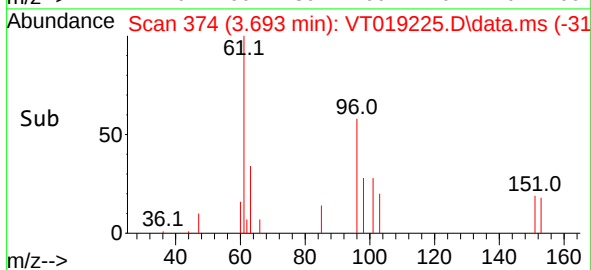
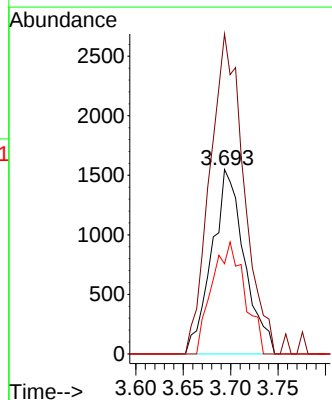
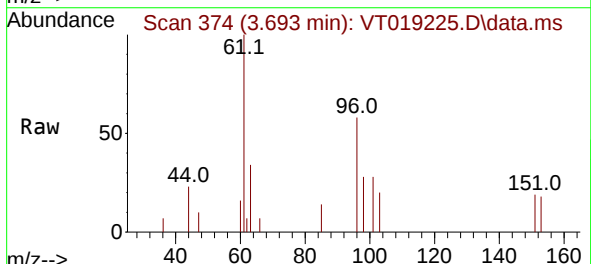
Instrument :
MSVOA_T
ClientSampleId :
MDL07

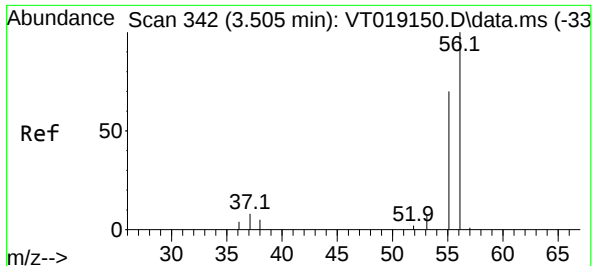
Tgt Ion: 59 Resp: 7474
Ion Ratio Lower Upper
59 100
57 7.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 2.965 ug/l
RT: 3.693 min Scan# 374
Delta R.T. 0.058 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

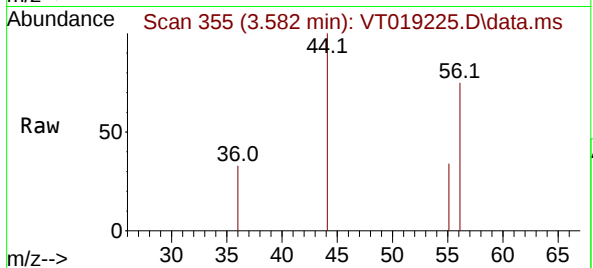
Tgt Ion: 96 Resp: 3701
Ion Ratio Lower Upper
96 100
61 173.5 141.4 212.2
98 48.9 50.7 76.1#



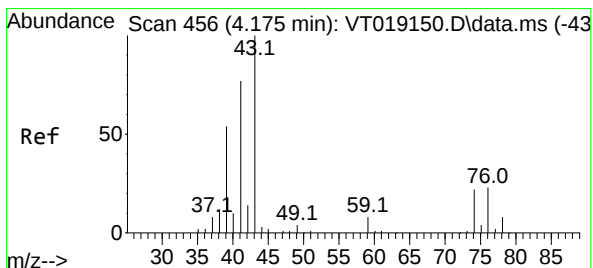
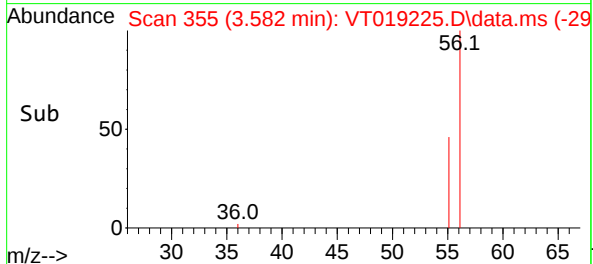
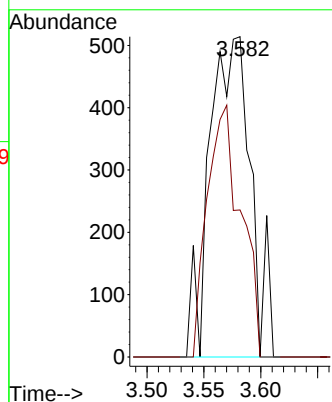


#13
Acrolein
Concen: 17.194 ug/l
RT: 3.582 min Scan# 31
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Instrument :
MSVOA_T
ClientSampleId :
MDL07

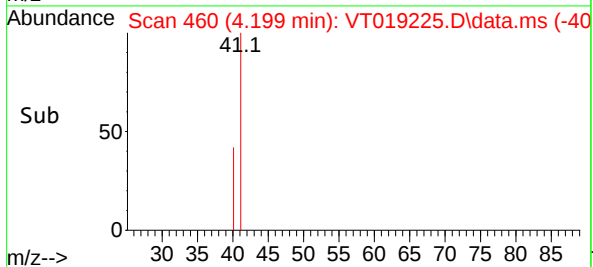
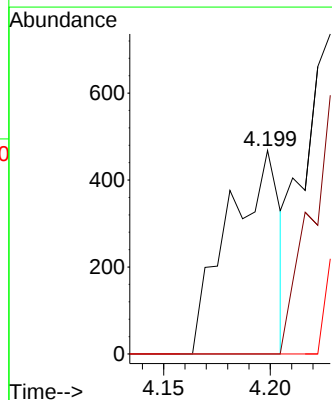
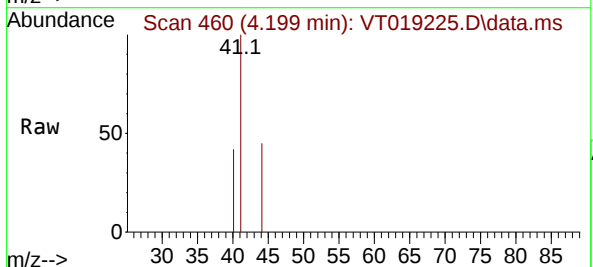


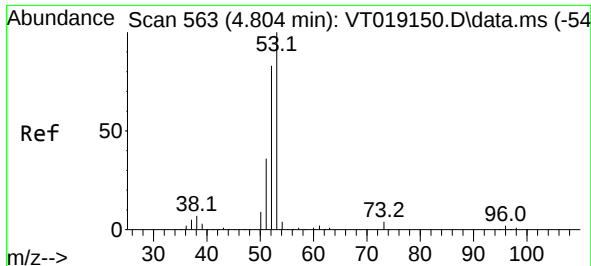
Tgt Ion: 56 Resp: 1299
Ion Ratio Lower Upper
56 100
55 64.0 59.4 89.0



#14
Allyl chloride
Concen: 0.317 ug/l
RT: 4.199 min Scan# 460
Delta R.T. 0.012 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 41 Resp: 780
Ion Ratio Lower Upper
41 100
39 0.0 49.9 74.9#
76 0.0 20.8 31.2#





#15

Acrylonitrile

Concen: 13.711 ug/l

RT: 4.880 min Scan# 51

Delta R.T. 0.064 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

MDL07

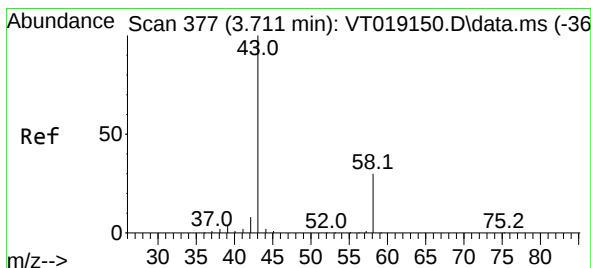
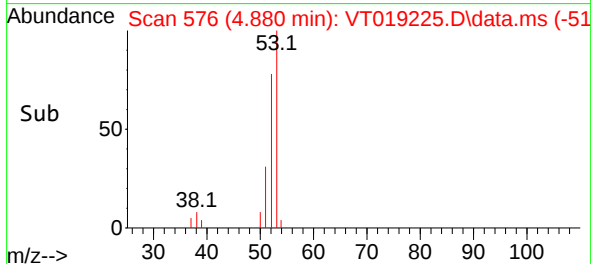
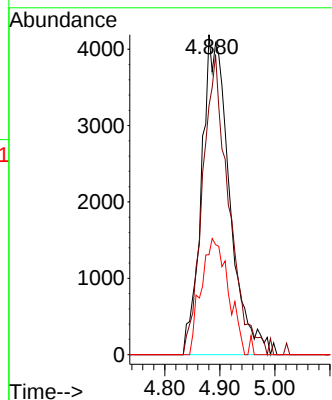
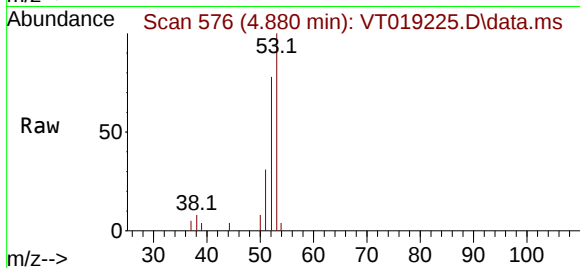
Tgt Ion: 53 Resp: 14808

Ion Ratio Lower Upper

53 100

52 88.0 65.9 98.9

51 35.1 29.4 44.2



#16

Acetone

Concen: 22.962 ug/l

RT: 3.776 min Scan# 388

Delta R.T. 0.059 min

Lab File: VT019225.D

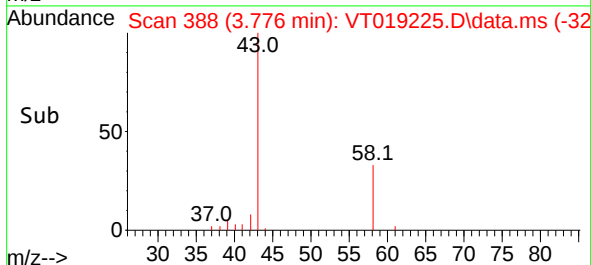
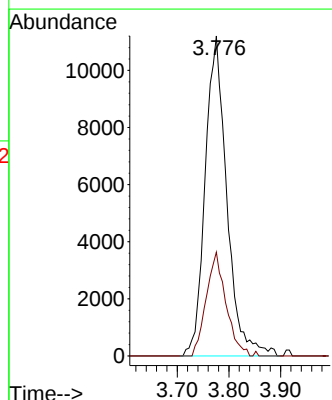
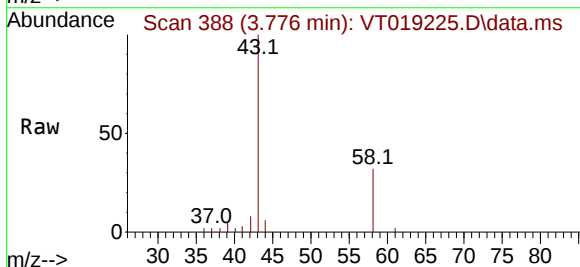
Acq: 31 Oct 2025 13:17

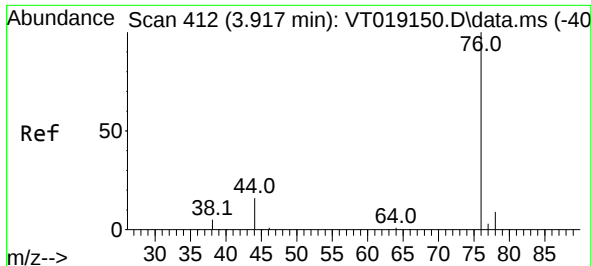
Tgt Ion: 43 Resp: 32622

Ion Ratio Lower Upper

43 100

58 32.4 23.8 35.8

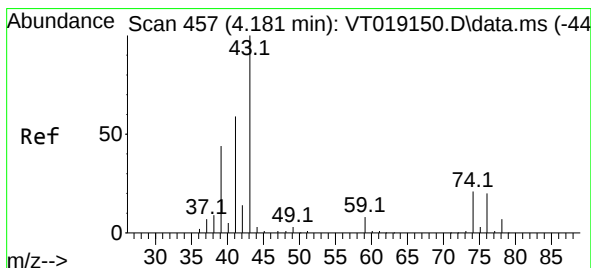
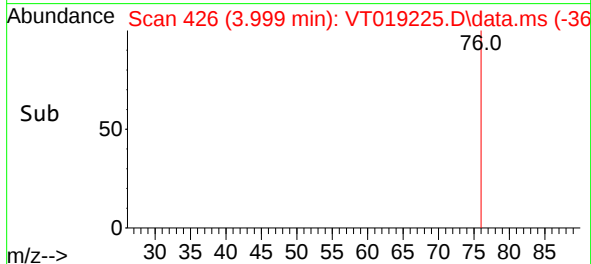
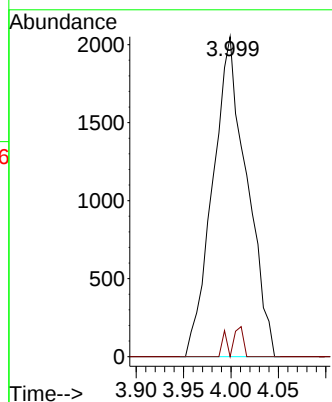
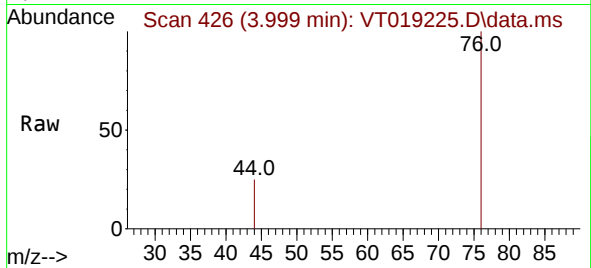




#17
Carbon Disulfide
Concen: 3.016 ug/l
RT: 3.999 min Scan# 41
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

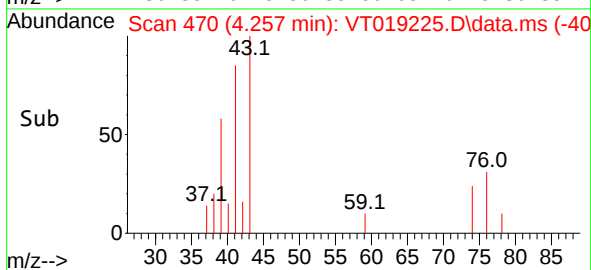
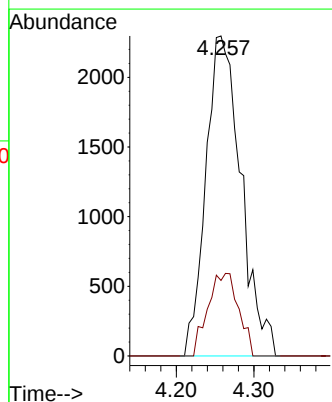
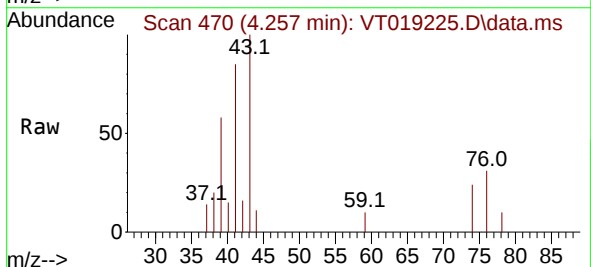
Instrument :
MSVOA_T
ClientSampleId :
MDL07

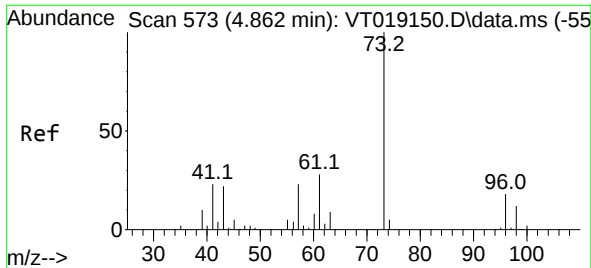
Tgt Ion: 76 Resp: 5117
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 1.975 ug/l
RT: 4.257 min Scan# 470
Delta R.T. 0.064 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 43 Resp: 7242
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1

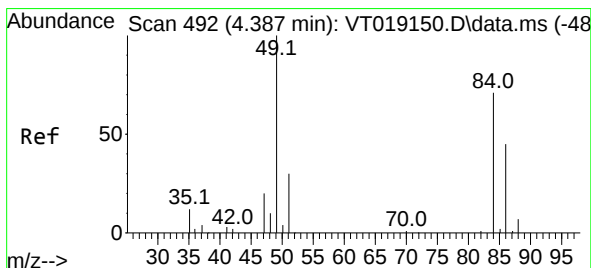
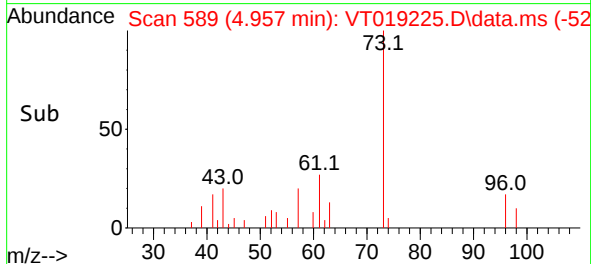
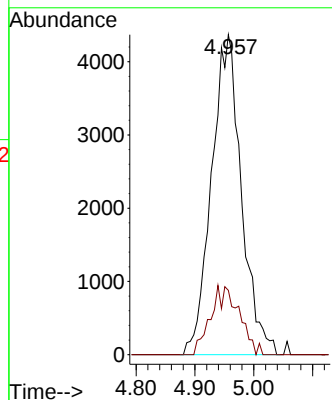
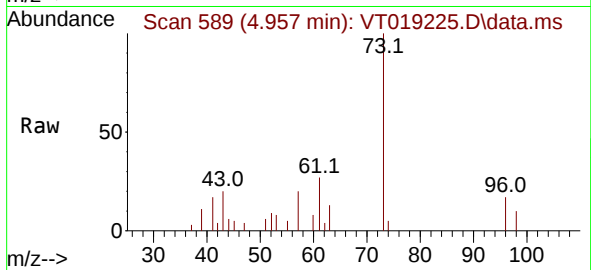




#19
Methyl tert-butyl Ether
Concen: 2.729 ug/l
RT: 4.957 min Scan# 51
Delta R.T. 0.089 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

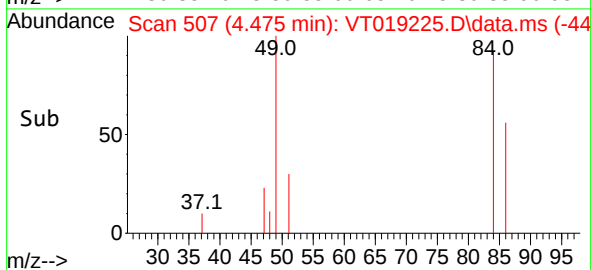
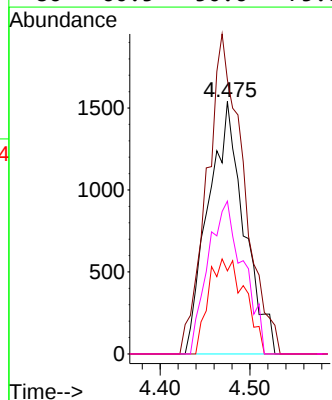
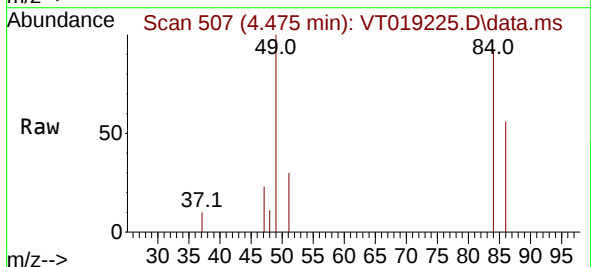
Instrument :
MSVOA_T
ClientSampleId :
MDL07

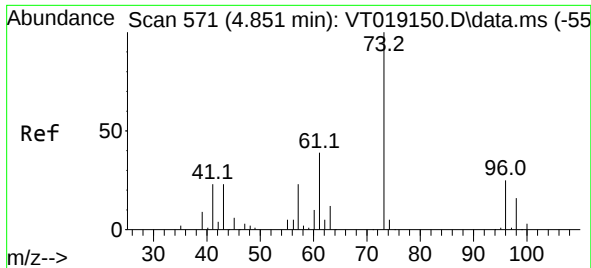
Tgt Ion: 73 Resp: 15386
Ion Ratio Lower Upper
73 100
57 20.1 18.8 28.2



#20
Methylene Chloride
Concen: 3.058 ug/l
RT: 4.475 min Scan# 507
Delta R.T. 0.077 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 84 Resp: 4260
Ion Ratio Lower Upper
84 100
49 108.6 113.1 169.7#
51 32.9 33.6 50.4#
86 60.5 50.6 75.8

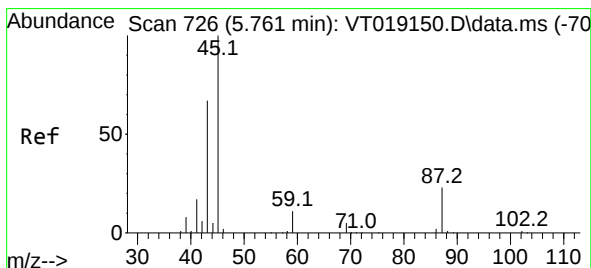
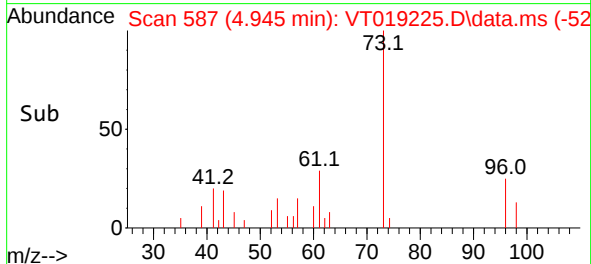
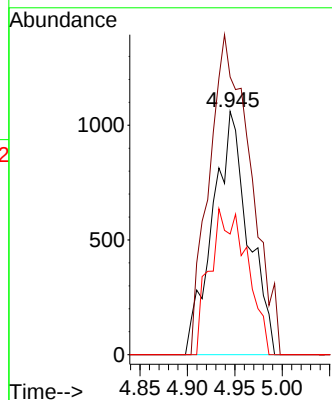
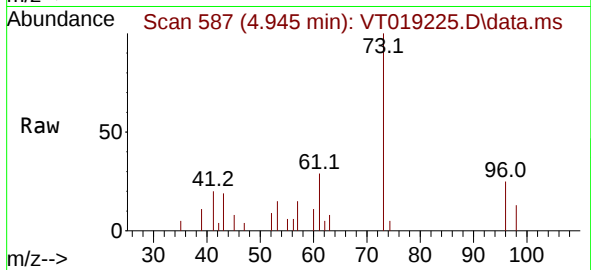




#21
trans-1,2-Dichloroethene
Concen: 2.622 ug/l
RT: 4.945 min Scan# 51
Delta R.T. 0.083 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

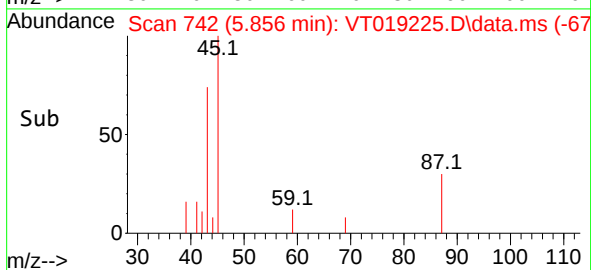
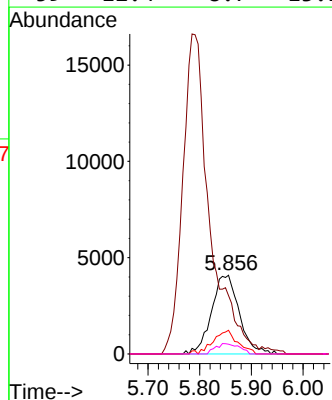
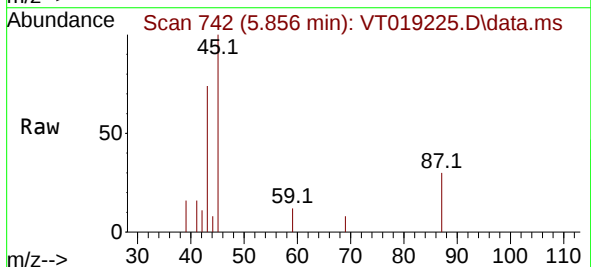
Instrument :
MSVOA_T
ClientSampleId :
MDL07

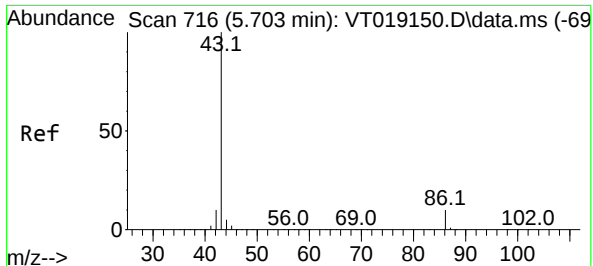
Tgt Ion: 96 Resp: 2787
Ion Ratio Lower Upper
96 100
61 114.2 124.6 187.0#
98 49.6 50.9 76.3#



#22
Diisopropyl ether
Concen: 2.599 ug/l
RT: 5.856 min Scan# 742
Delta R.T. 0.083 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 45 Resp: 15188
Ion Ratio Lower Upper
45 100
43 70.2 54.2 81.4
87 30.2 18.9 28.3#
59 12.4 8.7 13.1





#23

Vinyl Acetate

Concen: 14.589 ug/l

RT: 5.785 min Scan# 716

Delta R.T. 0.076 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

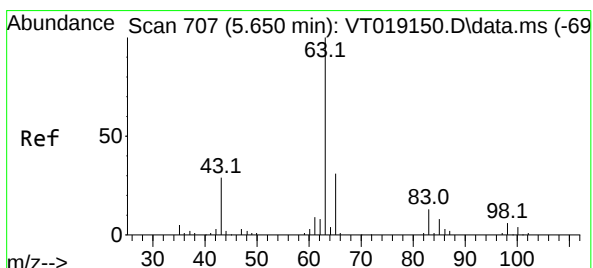
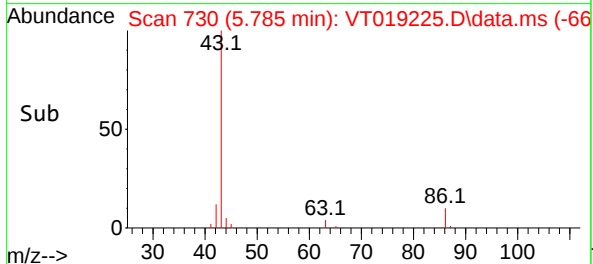
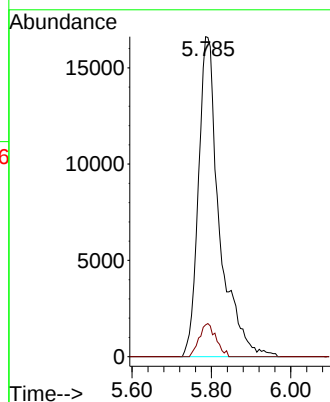
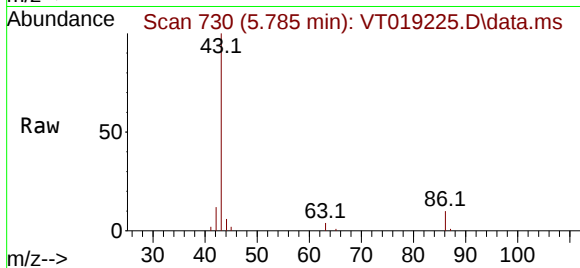
MDL07

Tgt Ion: 43 Resp: 60907

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.6



#24

1,1-Dichloroethane

Concen: 2.724 ug/l

RT: 5.744 min Scan# 723

Delta R.T. 0.082 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

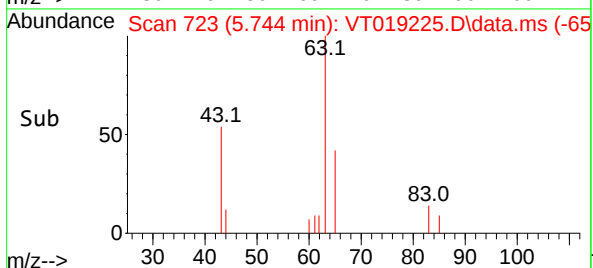
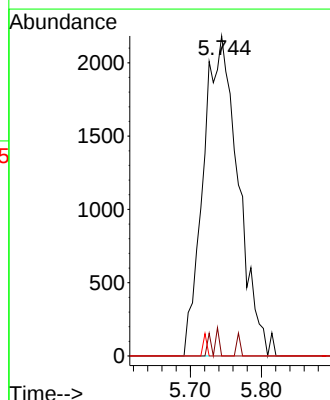
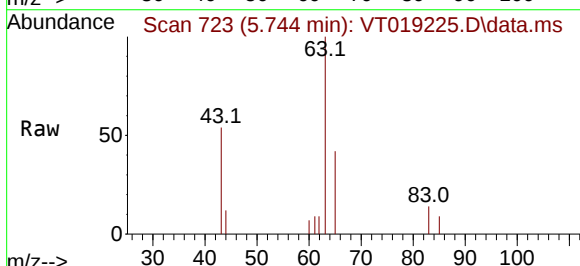
Tgt Ion: 63 Resp: 7448

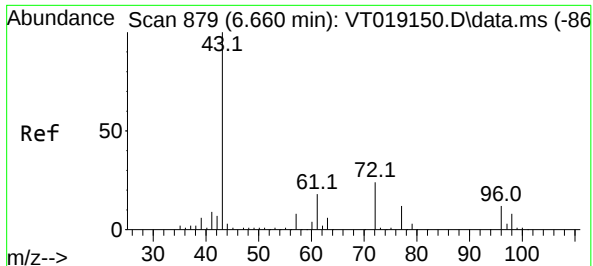
Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 16.895 ug/l

RT: 6.749 min Scan# 894

Delta R.T. 0.083 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

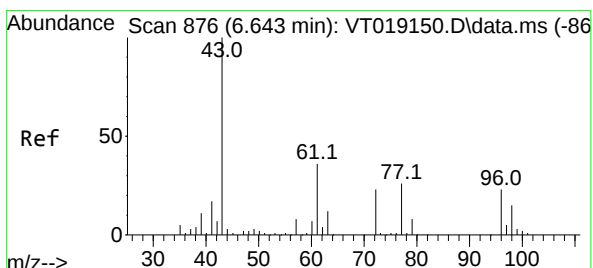
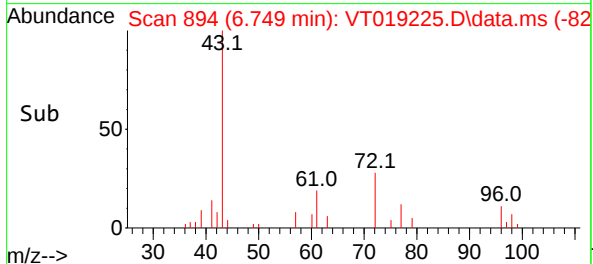
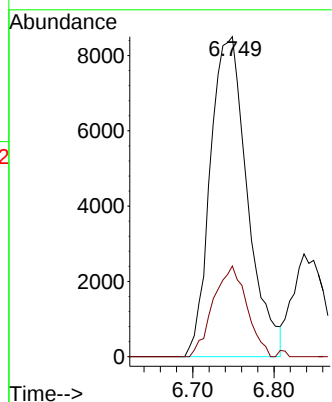
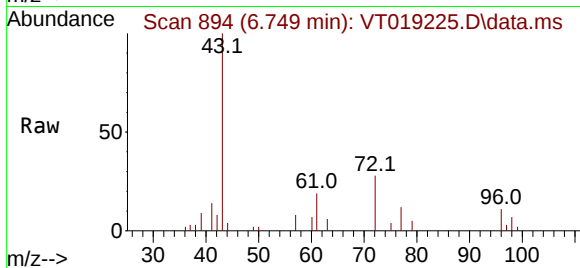
MDL07

Tgt Ion: 43 Resp: 26924

Ion Ratio Lower Upper

43 100

72 28.4 19.0 28.6



#26

2,2-Dichloropropane

Concen: 2.554 ug/l

RT: 6.719 min Scan# 889

Delta R.T. 0.064 min

Lab File: VT019225.D

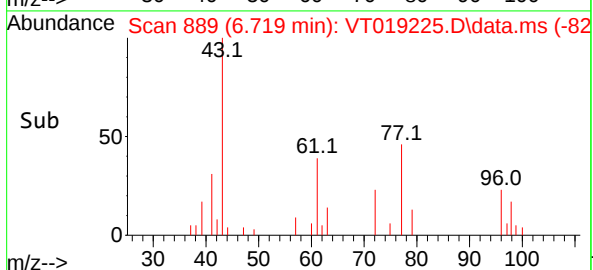
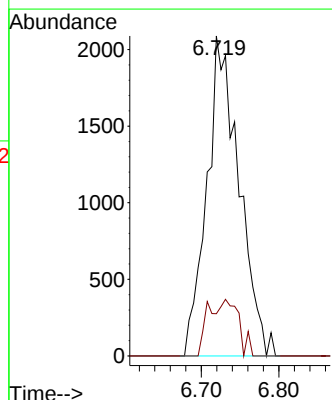
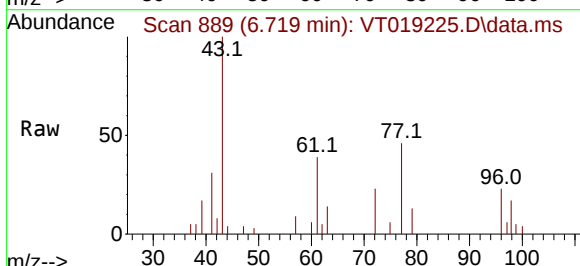
Acq: 31 Oct 2025 13:17

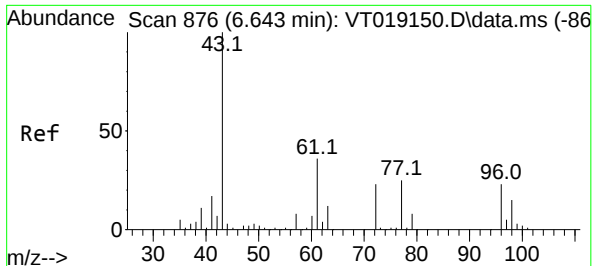
Tgt Ion: 77 Resp: 6025

Ion Ratio Lower Upper

77 100

97 16.7 10.7 32.1

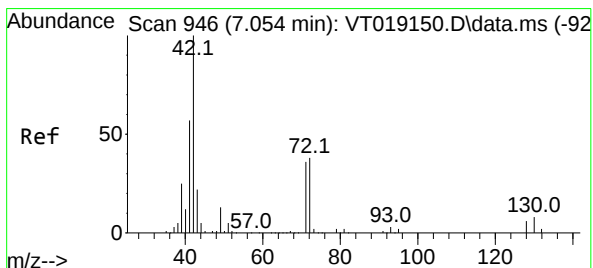
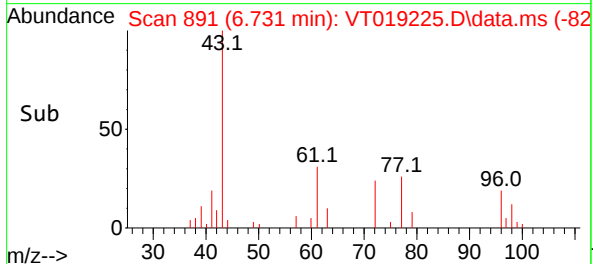
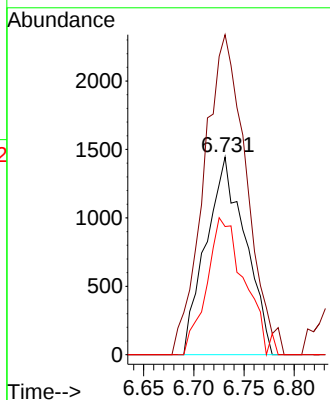
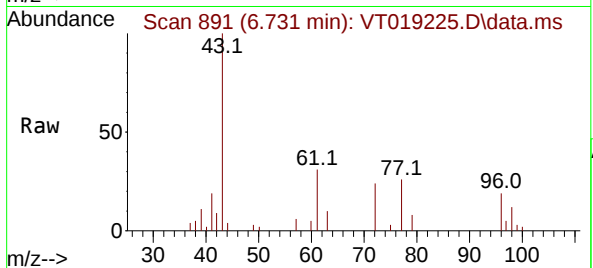




#27
 cis-1,2-Dichloroethene
 Concen: 2.635 ug/l
 RT: 6.731 min Scan# 891
 Delta R.T. 0.076 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

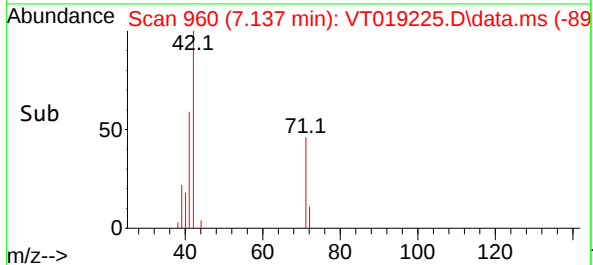
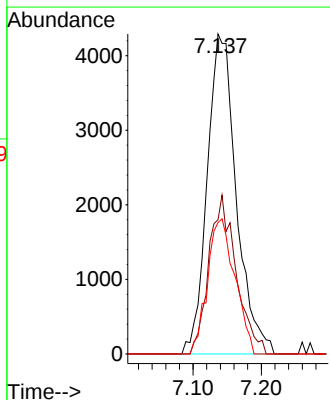
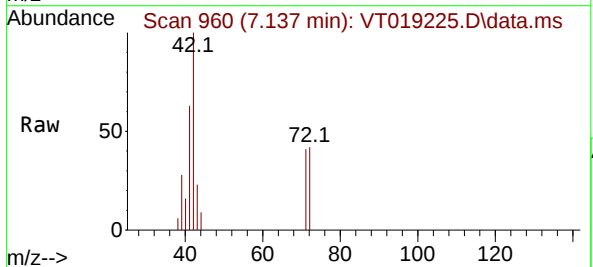
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

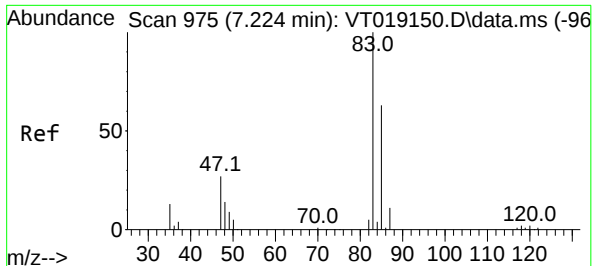
Tgt Ion: 96	Resp:	3931
Ion	Ratio	Lower Upper
96	100	
61	174.9	0.0 309.0
98	66.7	0.0 128.4



#29
 Tetrahydrofuran
 Concen: 13.748 ug/l
 RT: 7.137 min Scan# 960
 Delta R.T. 0.071 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

Tgt Ion: 42	Resp:	12747
Ion	Ratio	Lower Upper
42	100	
72	46.4	30.1 45.1#
71	39.7	28.4 42.6





#30

Chloroform

Concen: 2.690 ug/l

RT: 7.301 min Scan# 91

Delta R.T. 0.071 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

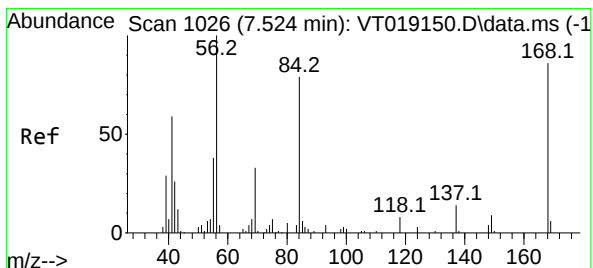
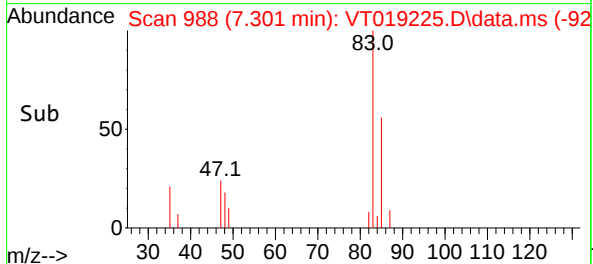
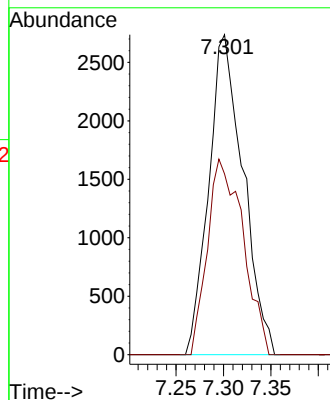
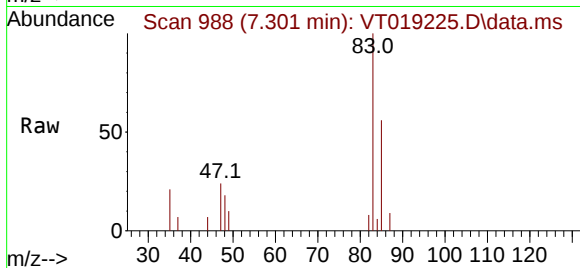
MDL07

Tgt Ion: 83 Resp: 6884

Ion Ratio Lower Upper

83 100

85 56.5 50.6 76.0



#31

Cyclohexane

Concen: 4.070 ug/l

RT: 7.601 min Scan# 1039

Delta R.T. 0.065 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

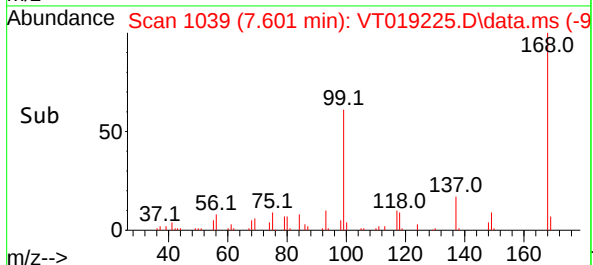
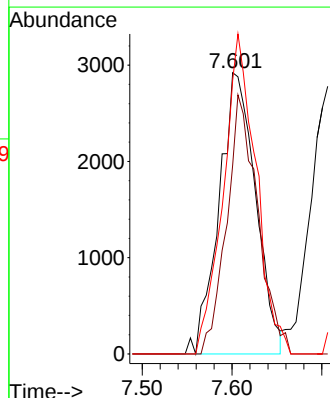
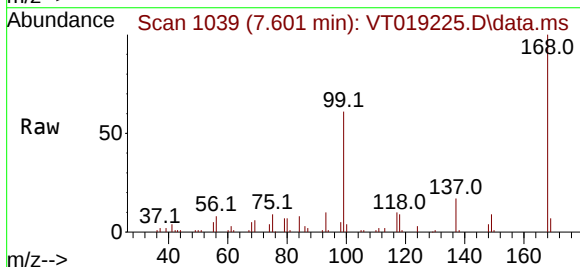
Tgt Ion: 56 Resp: 8273

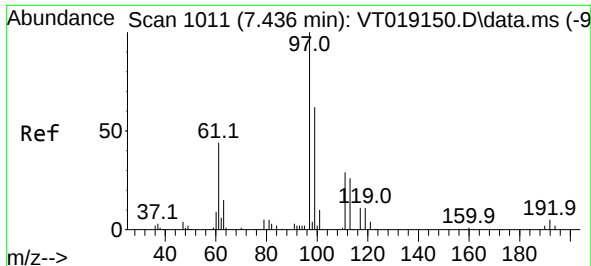
Ion Ratio Lower Upper

56 100

69 67.2 26.1 39.1#

84 97.4 63.6 95.4#





#32

1,1,1-Trichloroethane

Concen: 2.577 ug/l

RT: 7.513 min Scan# 1107

Delta R.T. 0.071 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

MDL07

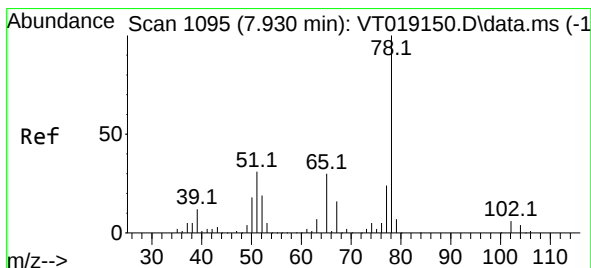
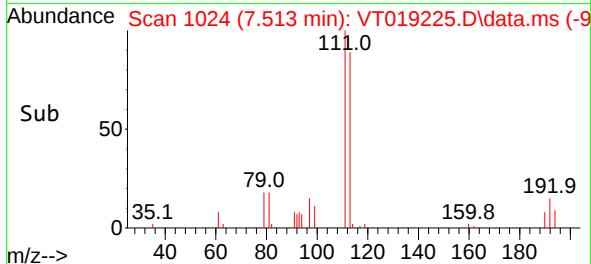
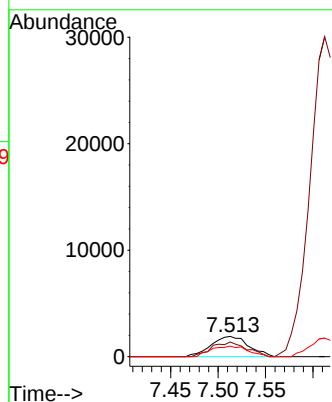
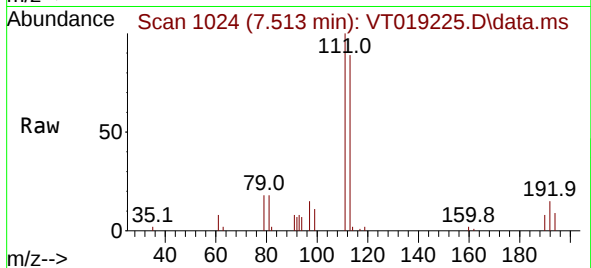
Tgt Ion: 97 Resp: 5251

Ion Ratio Lower Upper

97 100

99 66.8 50.5 75.7

61 51.0 37.1 55.7



#33

1,2-Dichloroethane-d4

Concen: 47.961 ug/l

RT: 8.000 min Scan# 1107

Delta R.T. 0.065 min

Lab File: VT019225.D

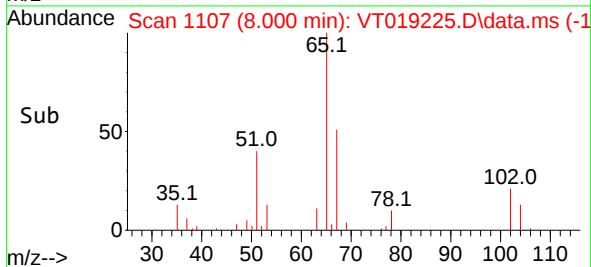
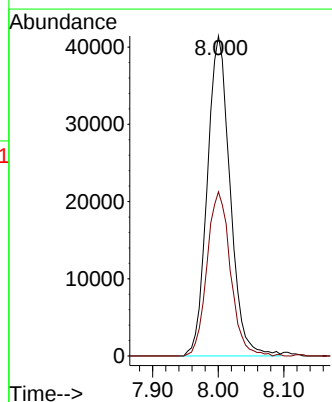
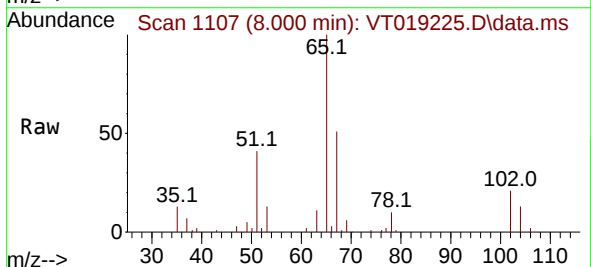
Acq: 31 Oct 2025 13:17

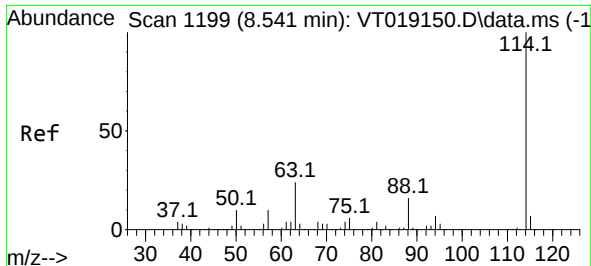
Tgt Ion: 65 Resp: 99925

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.0

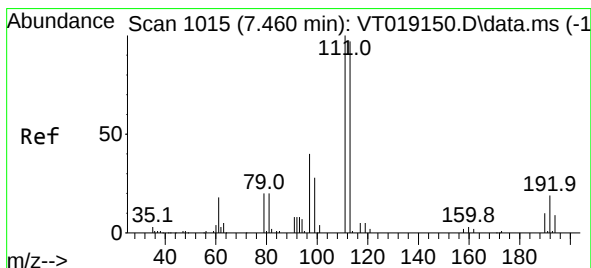
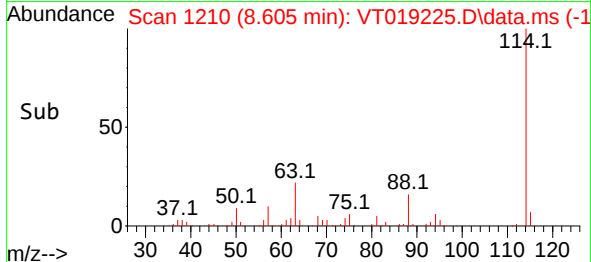
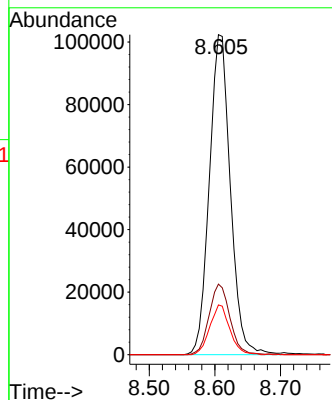
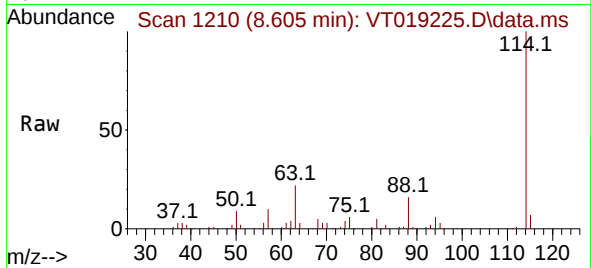




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.605 min Scan# 11
Delta R.T. 0.058 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

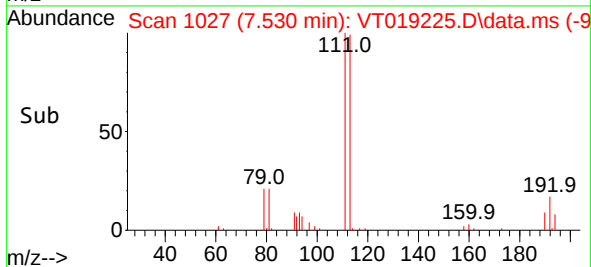
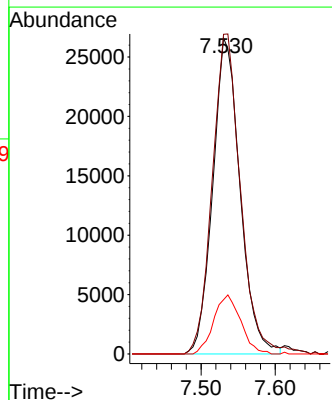
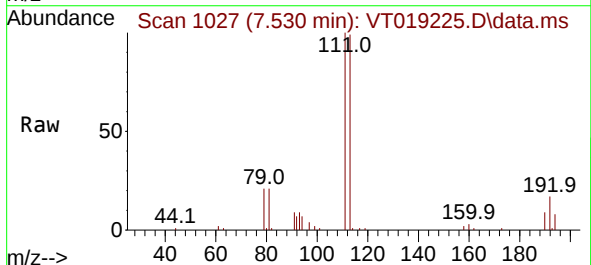
Instrument :
MSVOA_T
ClientSampleId :
MDL07

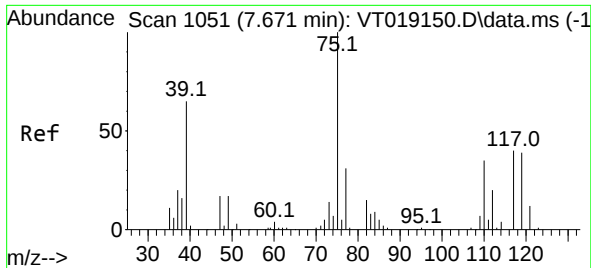
Tgt Ion:114 Resp: 227463
Ion Ratio Lower Upper
114 100
63 22.1 0.0 47.2
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.182 ug/l
RT: 7.530 min Scan# 1027
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:113 Resp: 67878
Ion Ratio Lower Upper
113 100
111 104.9 81.6 122.4
192 18.5 15.3 22.9

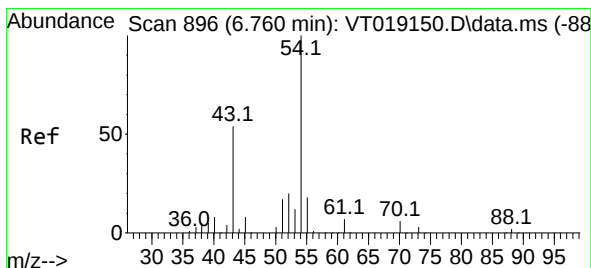
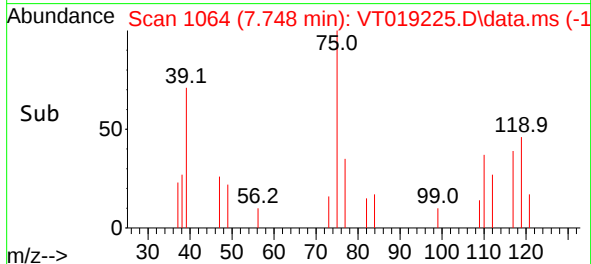
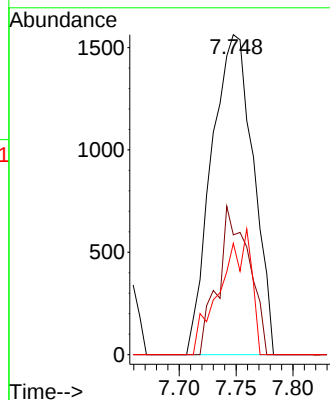
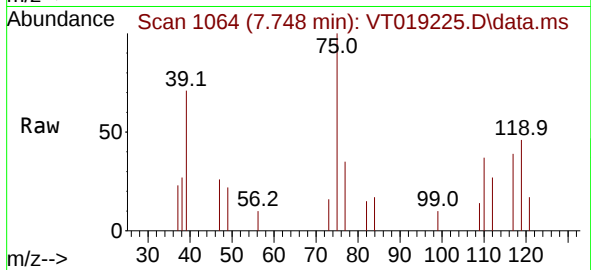




#36
 1,1-Dichloropropene
 Concen: 2.464 ug/l
 RT: 7.748 min Scan# 1064
 Delta R.T. 0.065 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

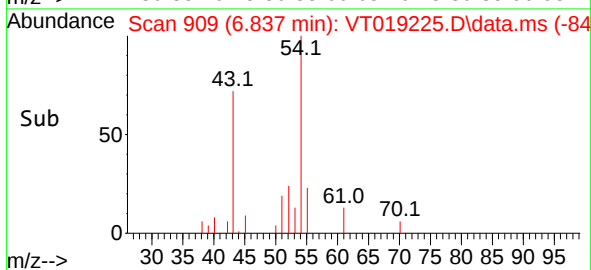
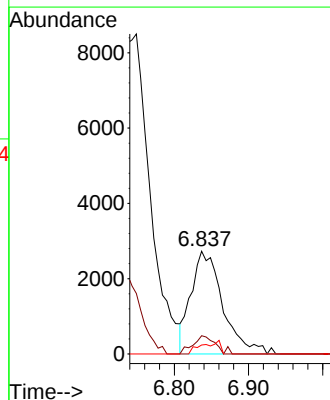
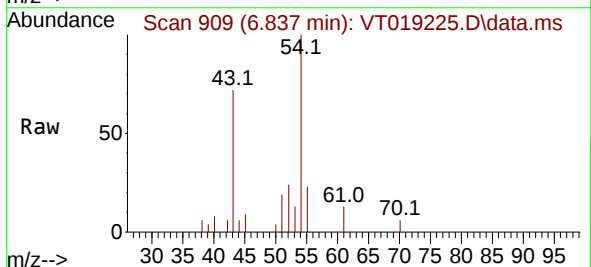
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

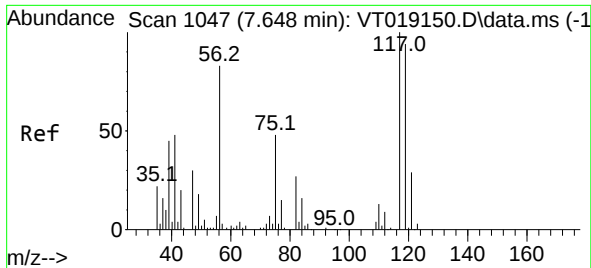
Tgt Ion: 75 Resp: 3988
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.1 48.2
 77 28.8 25.1 37.7



#37
 Ethyl Acetate
 Concen: 2.964 ug/l
 RT: 6.837 min Scan# 909
 Delta R.T. 0.071 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

Tgt Ion: 43 Resp: 8164
 Ion Ratio Lower Upper
 43 100
 61 12.5 10.0 15.0
 70 0.0 7.3 10.9#

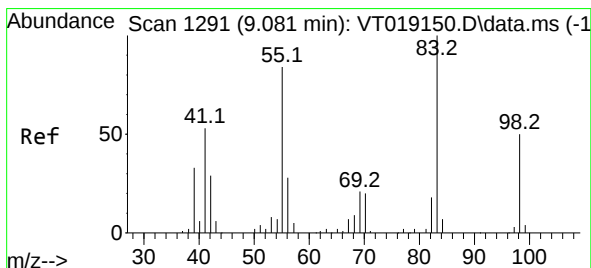
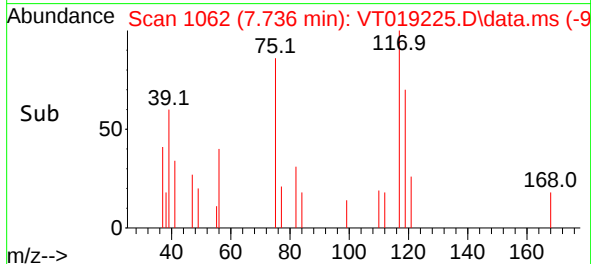
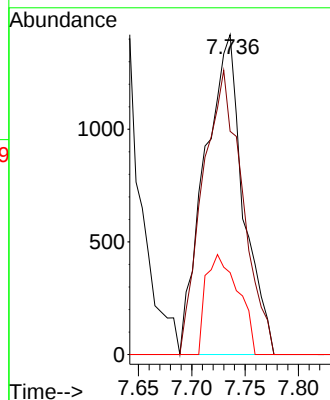
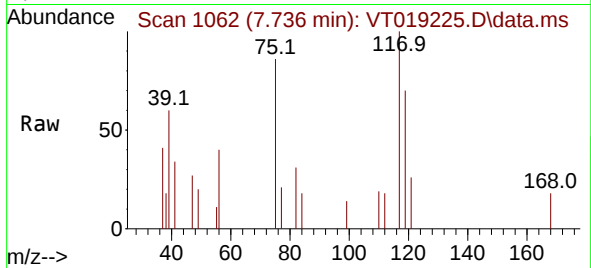




#38
Carbon Tetrachloride
Concen: 2.430 ug/l
RT: 7.736 min Scan# 110
Delta R.T. 0.077 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

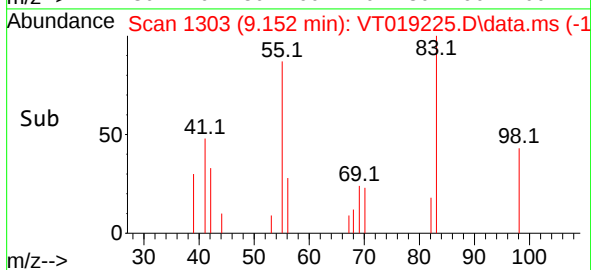
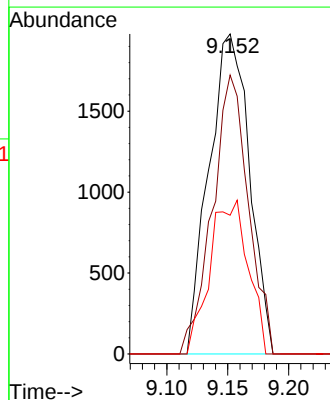
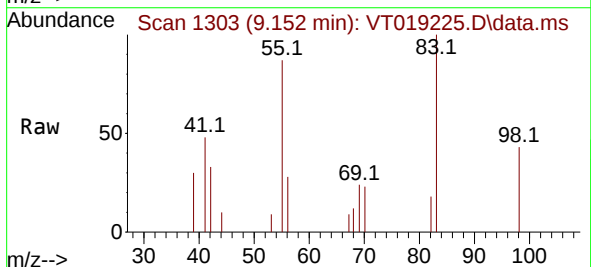
Instrument :
MSVOA_T
ClientSampleId :
MDL07

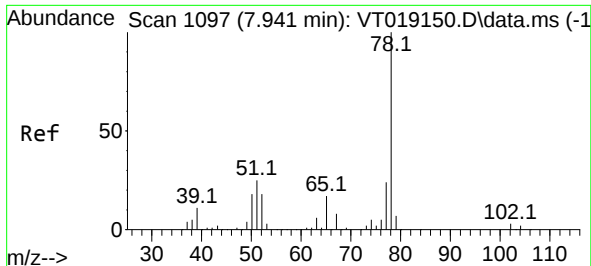
Tgt Ion: 117 Resp: 3575
Ion Ratio Lower Upper
117 100
119 69.8 75.0 112.6#
121 25.6 23.3 34.9



#39
Methylcyclohexane
Concen: 2.557 ug/l
RT: 9.152 min Scan# 1303
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 83 Resp: 4572
Ion Ratio Lower Upper
83 100
55 87.2 67.5 101.3
98 43.3 39.9 59.9

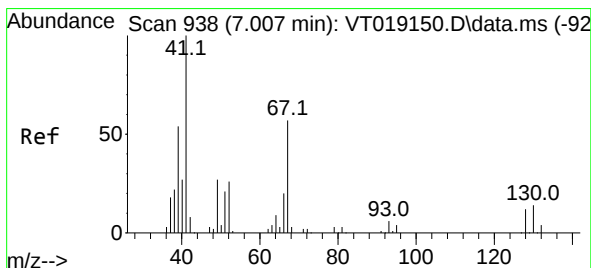
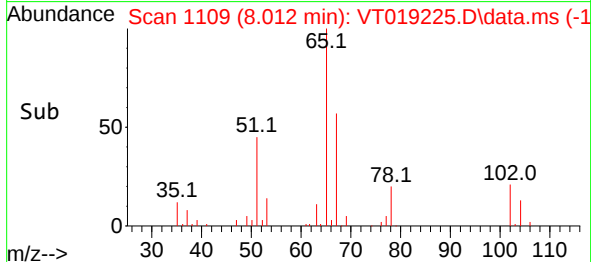
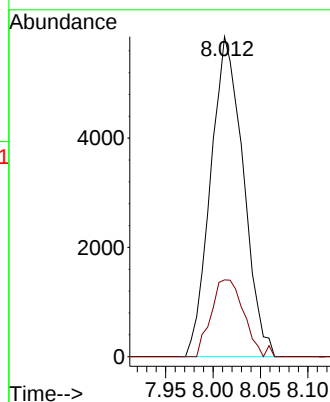
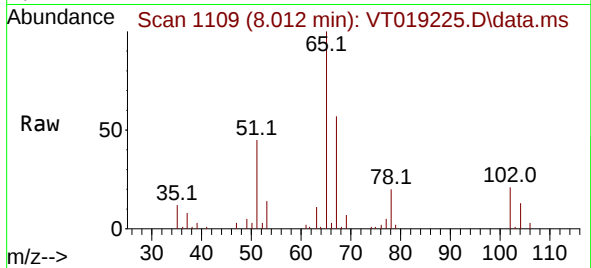




#40
Benzene
Concen: 2.557 ug/l
RT: 8.012 min Scan# 1109
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

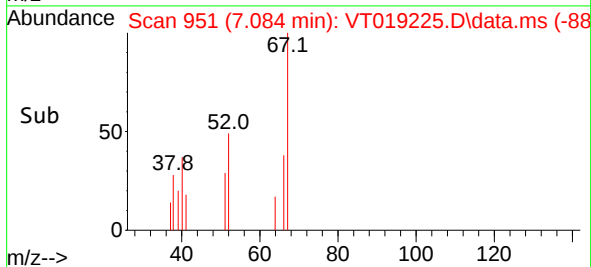
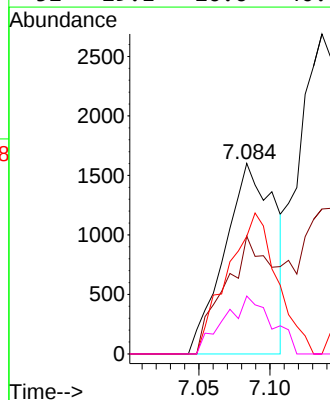
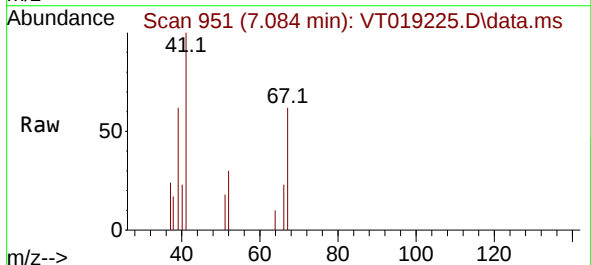
Instrument :
MSVOA_T
ClientSampleId :
MDL07

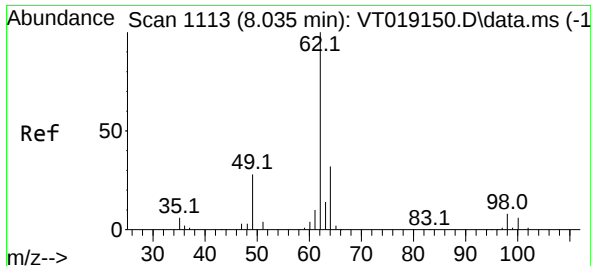
Tgt Ion: 78 Resp: 14008
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



#41
Methacrylonitrile
Concen: 2.818 ug/l
RT: 7.084 min Scan# 951
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 41 Resp: 3905
Ion Ratio Lower Upper
41 100
39 60.1 49.8 74.6
67 73.3 60.0 90.0
52 29.1 26.6 40.0





#42

1,2-Dichloroethane

Concen: 2.747 ug/l

RT: 8.112 min Scan# 1113

Delta R.T. 0.071 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

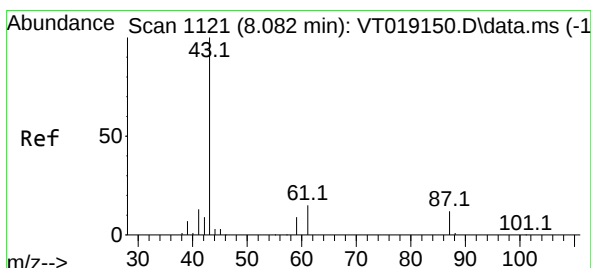
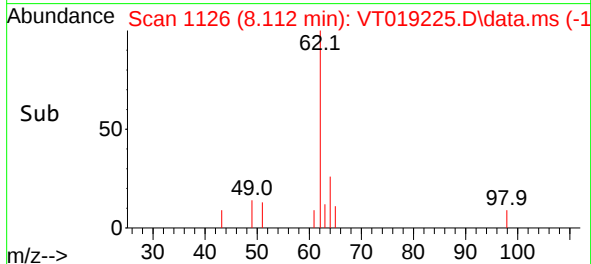
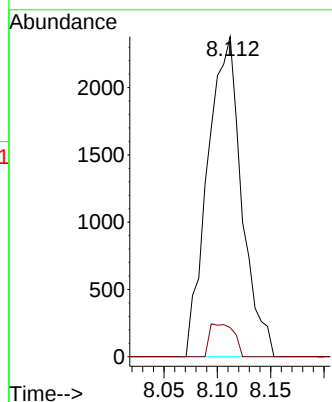
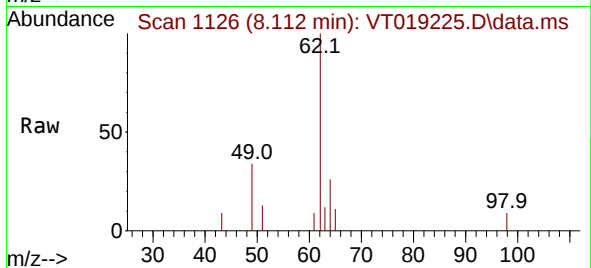
MDL07

Tgt Ion: 62 Resp: 5288

Ion Ratio Lower Upper

62 100

98 7.3 0.0 16.6



#43

Isopropyl Acetate

Concen: 2.698 ug/l

RT: 8.153 min Scan# 1133

Delta R.T. 0.065 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

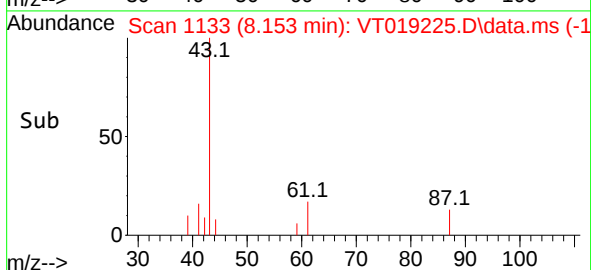
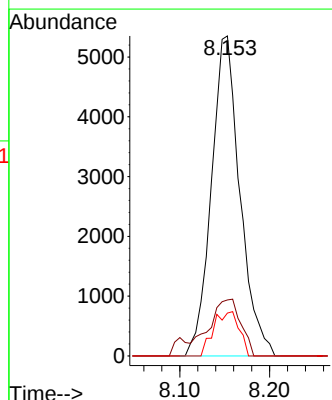
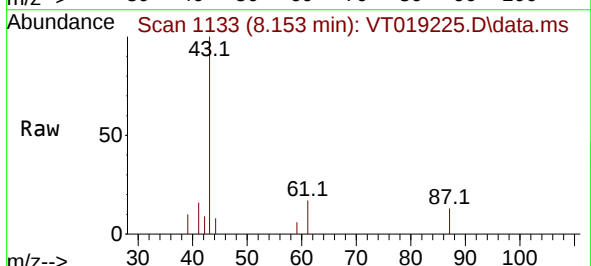
Tgt Ion: 43 Resp: 11818

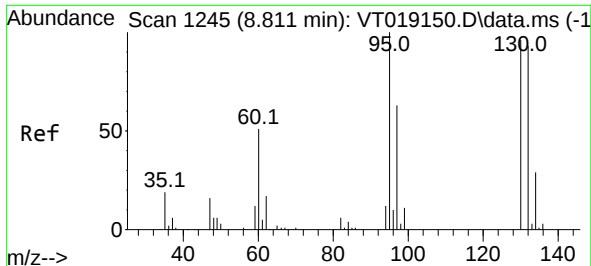
Ion Ratio Lower Upper

43 100

61 19.5 14.8 22.2

87 12.4 9.1 13.7

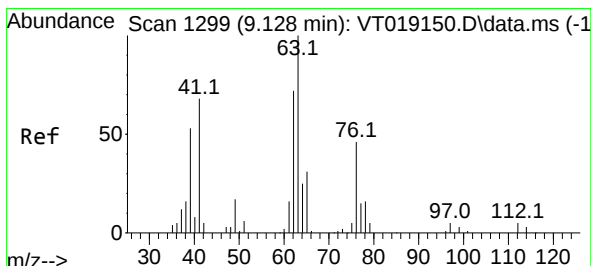
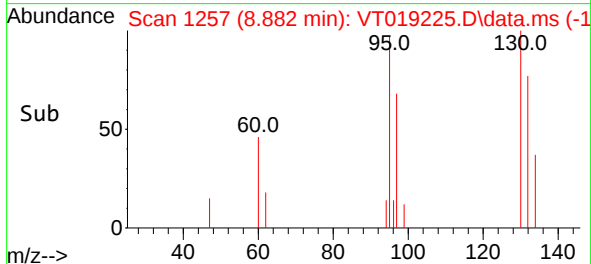
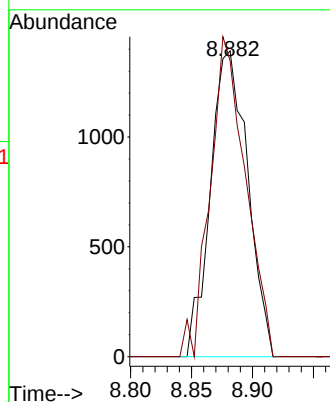
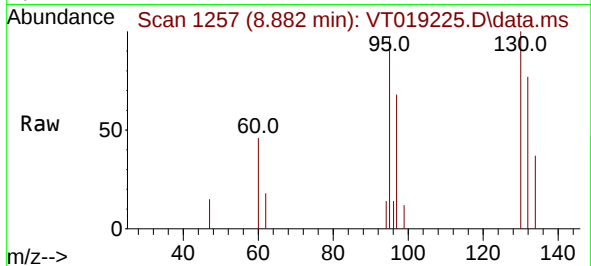




#44
Trichloroethene
Concen: 2.768 ug/l
RT: 8.882 min Scan# 11
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

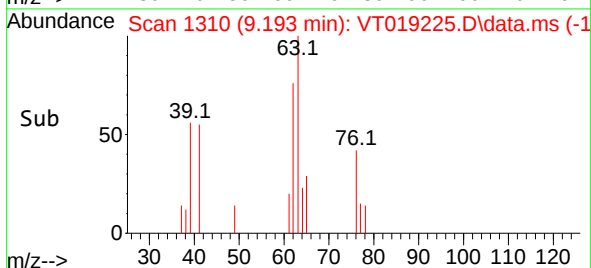
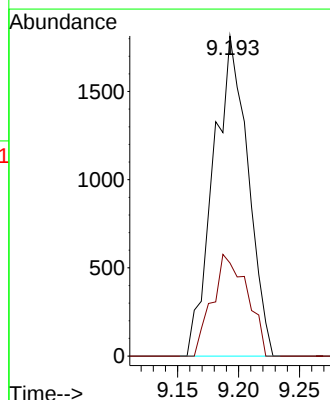
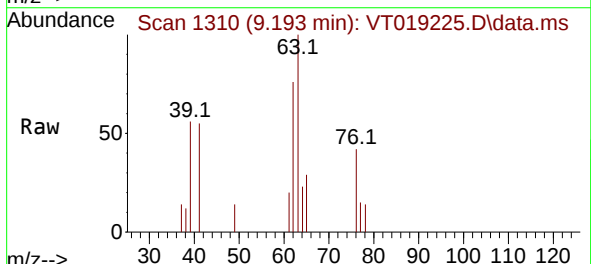
Instrument :
MSVOA_T
ClientSampleId :
MDL07

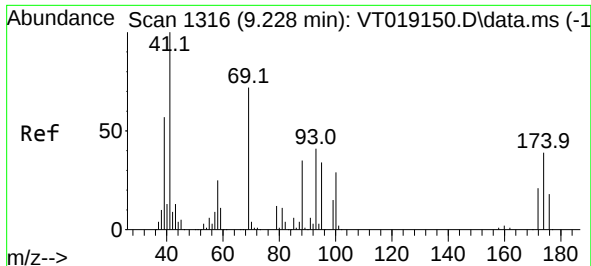
Tgt Ion:130 Resp: 2964
Ion Ratio Lower Upper
130 100
95 96.8 0.0 207.8



#45
1,2-Dichloropropane
Concen: 2.566 ug/l
RT: 9.193 min Scan# 1310
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 63 Resp: 3577
Ion Ratio Lower Upper
63 100
65 29.1 24.6 36.8

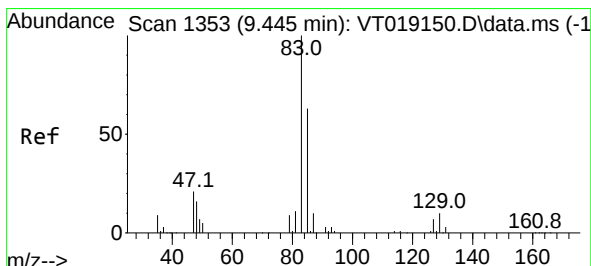
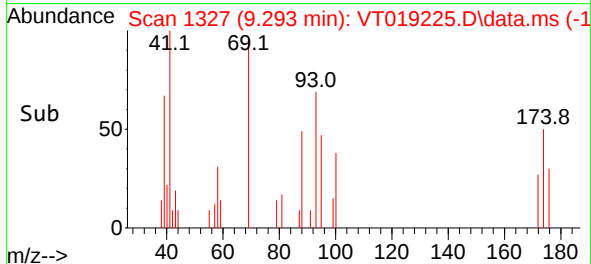
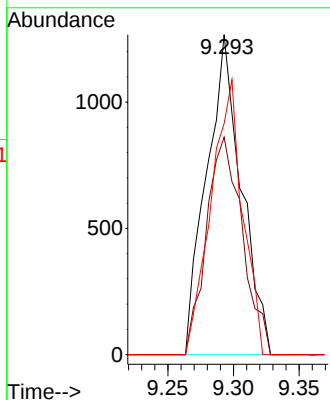
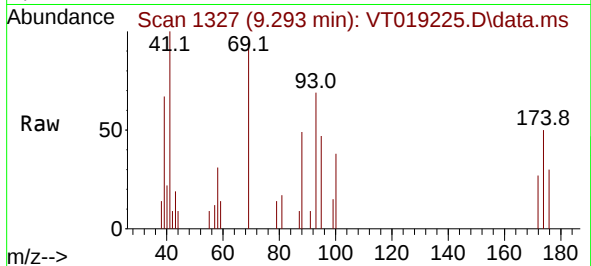




#46
Dibromomethane
Concen: 2.778 ug/l
RT: 9.293 min Scan# 1327
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

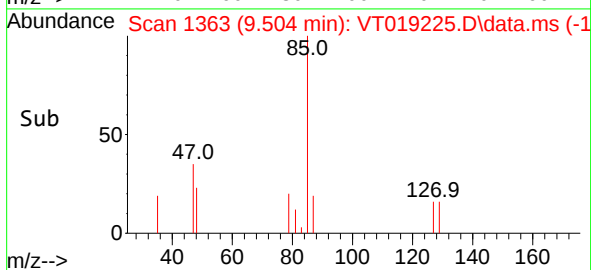
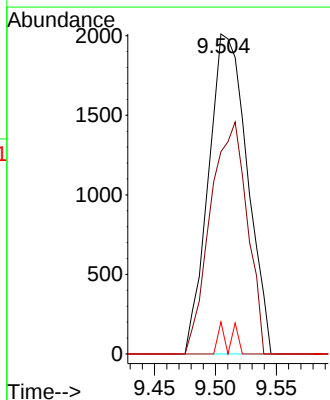
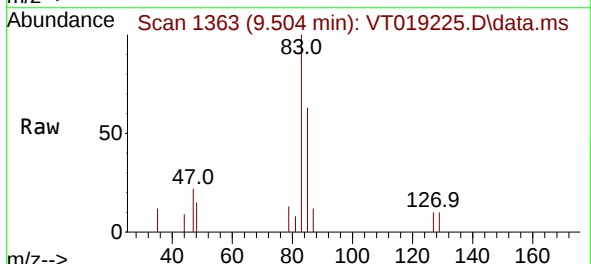
Instrument :
MSVOA_T
ClientSampleId :
MDL07

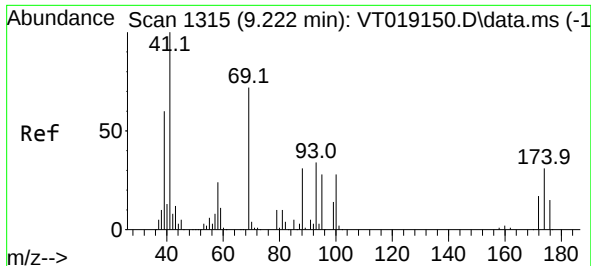
Tgt Ion: 93 Resp: 2330
Ion Ratio Lower Upper
93 100
95 70.2 66.4 99.6
174 78.3 77.3 115.9



#47
Bromodichloromethane
Concen: 2.351 ug/l
RT: 9.504 min Scan# 1363
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 83 Resp: 4446
Ion Ratio Lower Upper
83 100
85 63.2 50.4 75.6
127 10.0 6.0 9.0#

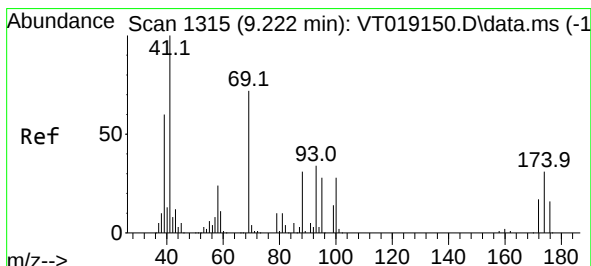
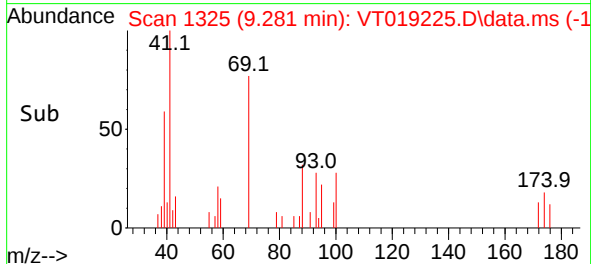
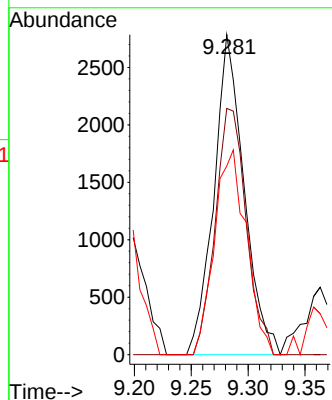
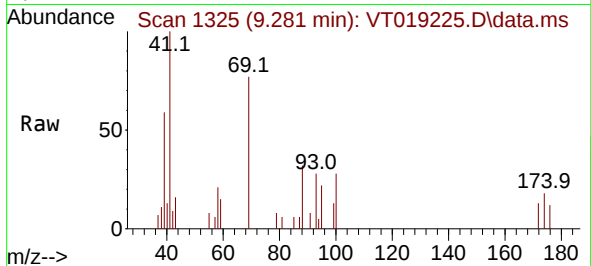




#48
Methyl methacrylate
Concen: 2.605 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

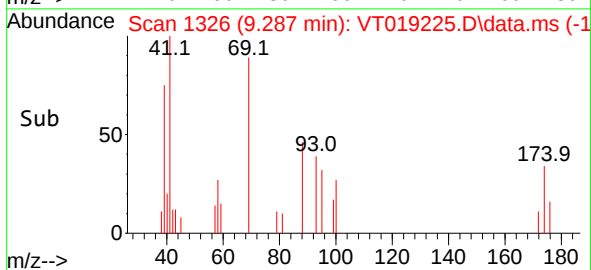
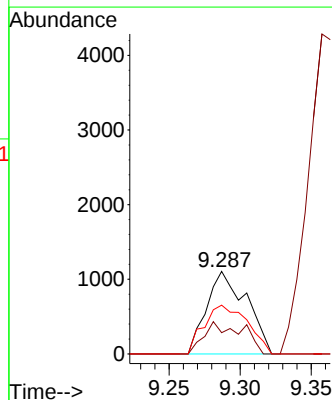
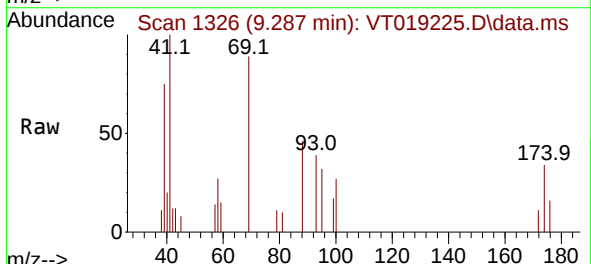
Instrument :
MSVOA_T
ClientSampleId :
MDL07

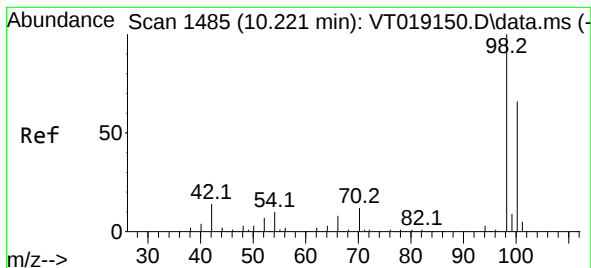
Tgt Ion: 41 Resp: 5125
Ion Ratio Lower Upper
41 100
69 79.1 56.9 85.3
39 68.2 48.0 72.0



#49
1,4-Dioxane
Concen: 58.396 ug/l
RT: 9.287 min Scan# 1326
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 88 Resp: 2158
Ion Ratio Lower Upper
88 100
43 37.1 30.0 45.0
58 64.7 57.2 85.8





#50

Toluene-d8

Concen: 46.638 ug/l

RT: 10.286 min Scan# 14

Delta R.T. 0.059 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

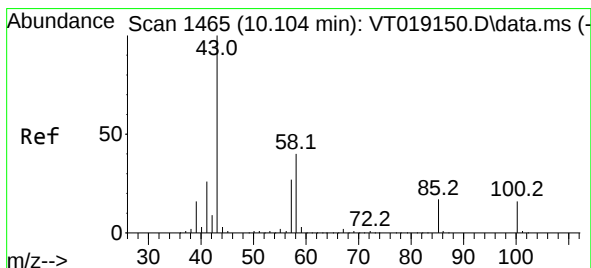
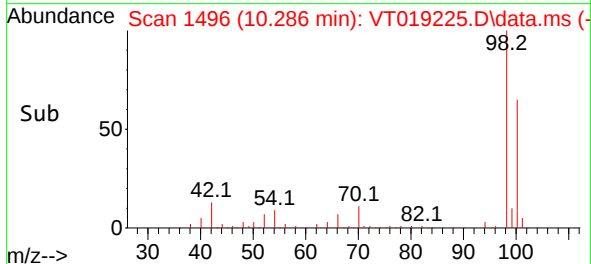
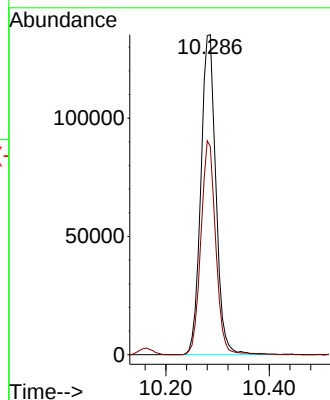
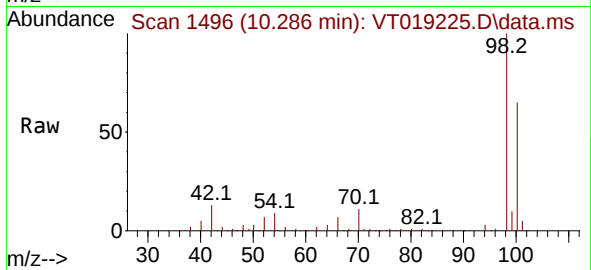
MDL07

Tgt Ion: 98 Resp: 272467

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 13.289 ug/l

RT: 10.162 min Scan# 1475

Delta R.T. 0.053 min

Lab File: VT019225.D

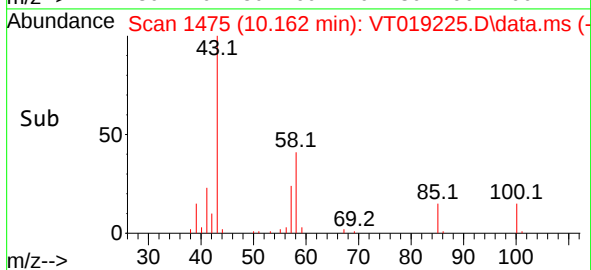
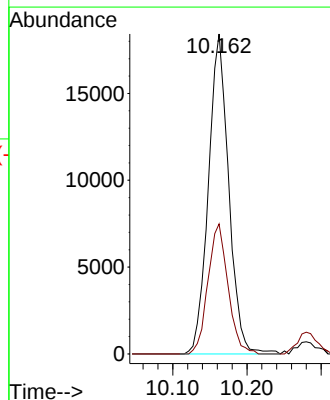
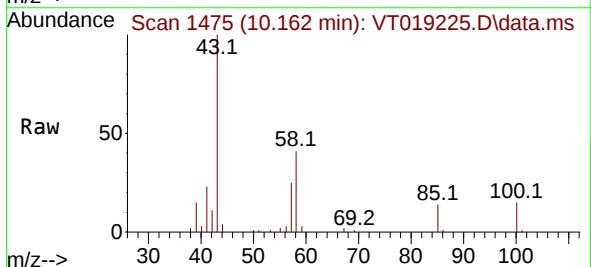
Acq: 31 Oct 2025 13:17

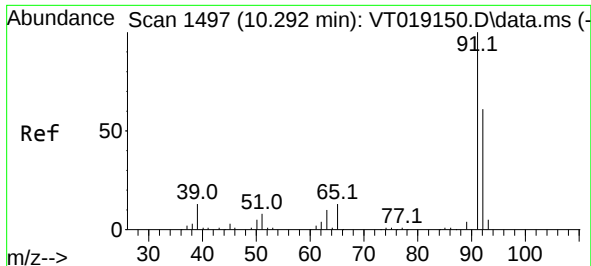
Tgt Ion: 43 Resp: 35059

Ion Ratio Lower Upper

43 100

58 40.2 30.5 45.7

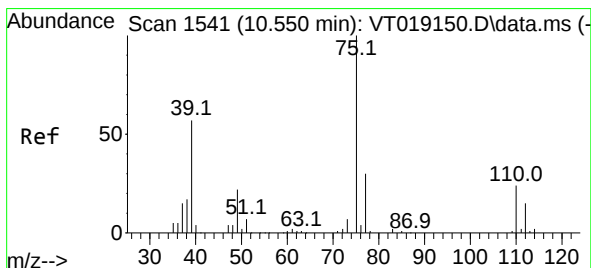
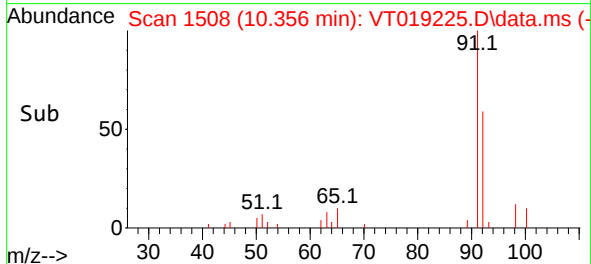
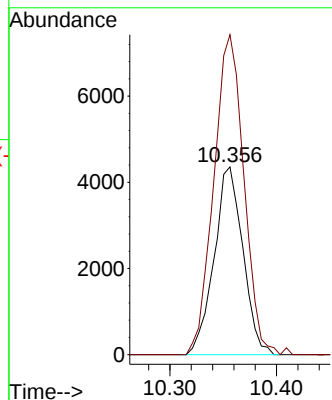
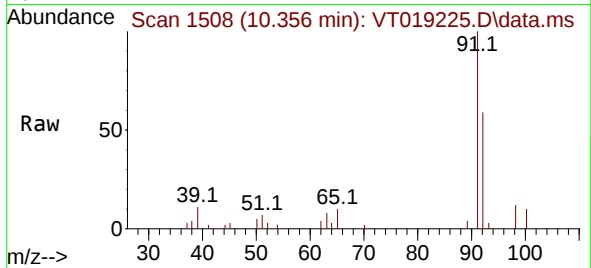




#52
Toluene
Concen: 2.606 ug/l
RT: 10.356 min Scan# 11
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

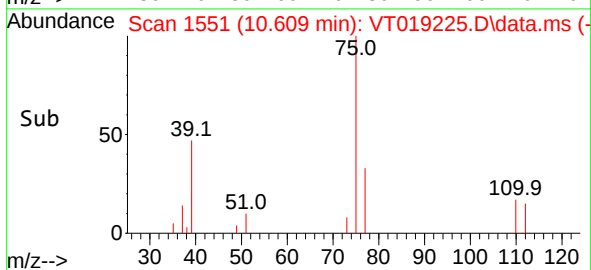
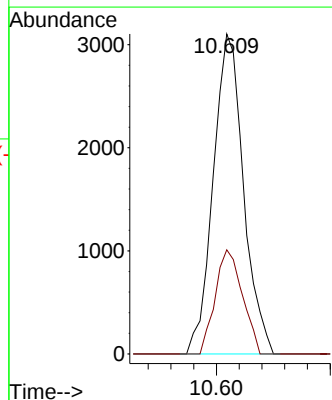
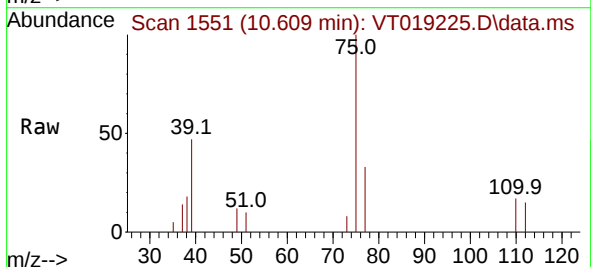
Instrument :
MSVOA_T
ClientSampleId :
MDL07

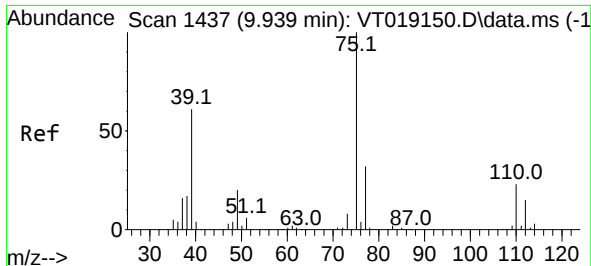
Tgt Ion: 92 Resp: 8156
Ion Ratio Lower Upper
92 100
91 178.7 134.8 202.2



#53
t-1,3-Dichloropropene
Concen: 2.800 ug/l
RT: 10.609 min Scan# 1551
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 75 Resp: 5731
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4

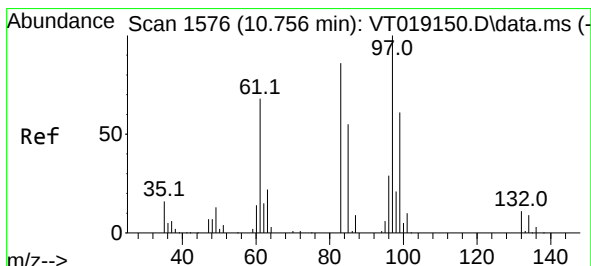
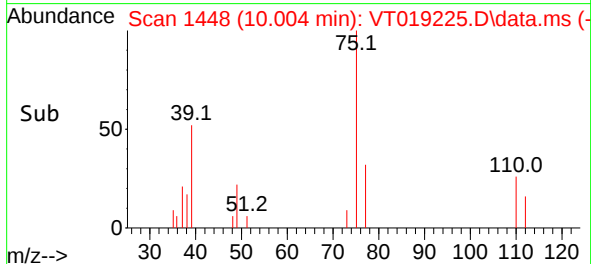
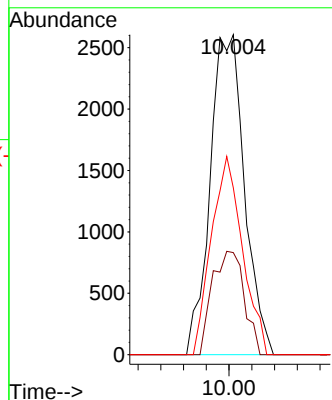
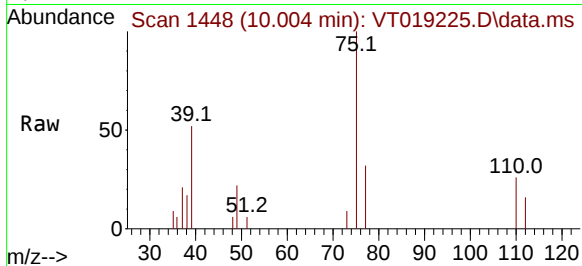




#54
cis-1,3-Dichloropropene
Concen: 2.577 ug/l
RT: 10.004 min Scan# 1437
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

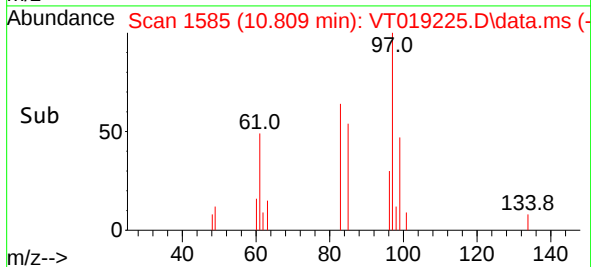
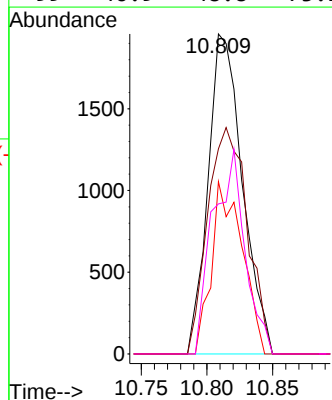
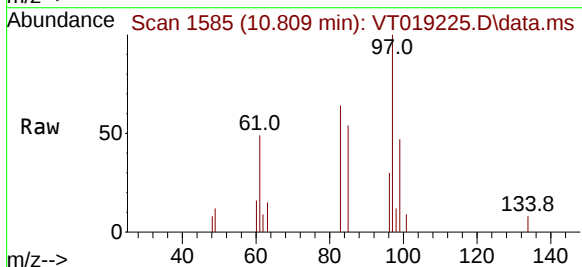
Instrument :
MSVOA_T
ClientSampleId :
MDL07

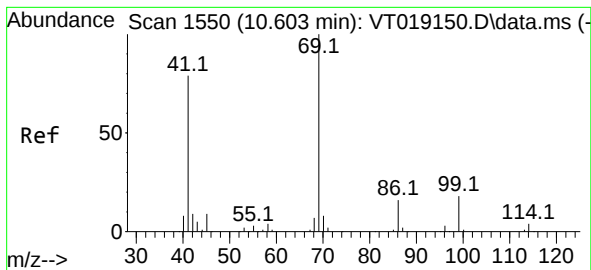
Tgt Ion: 75 Resp: 5463
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 52.1 48.8 73.2



#55
1,1,2-Trichloroethane
Concen: 2.890 ug/l
RT: 10.809 min Scan# 1585
Delta R.T. 0.047 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 97 Resp: 3568
Ion Ratio Lower Upper
97 100
83 64.1 69.2 103.8#
85 53.8 43.8 65.6
99 46.9 48.8 73.2#





#56

Ethyl methacrylate

Concen: 2.488 ug/l

RT: 10.662 min Scan# 1

Delta R.T. 0.053 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

MDL07

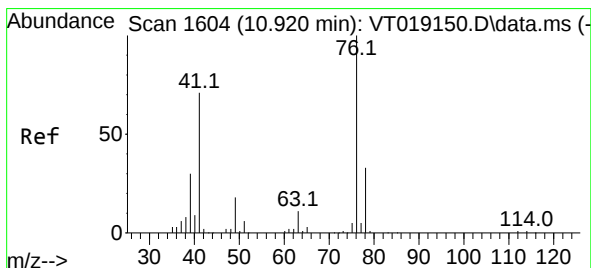
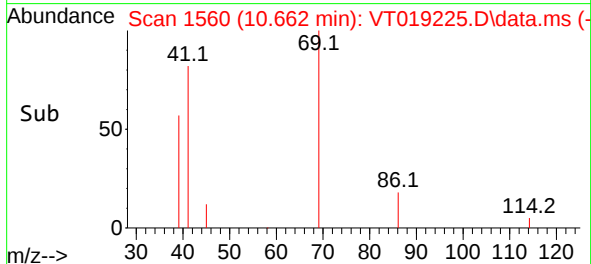
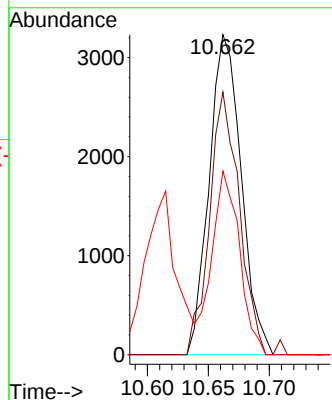
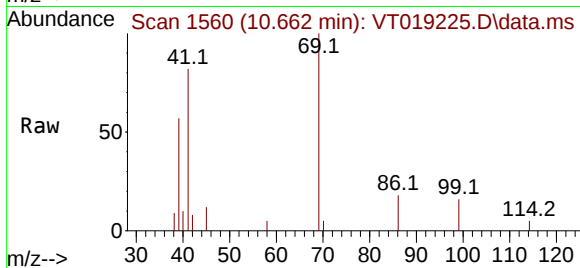
Tgt Ion: 69 Resp: 5902

Ion Ratio Lower Upper

69 100

41 76.0 62.6 93.8

39 49.6 37.2 55.8



#57

1,3-Dichloropropane

Concen: 2.801 ug/l

RT: 10.979 min Scan# 1614

Delta R.T. 0.053 min

Lab File: VT019225.D

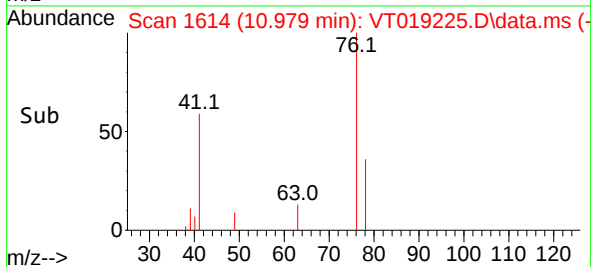
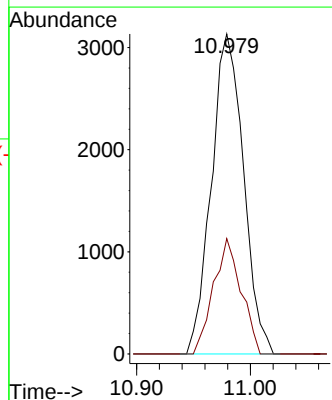
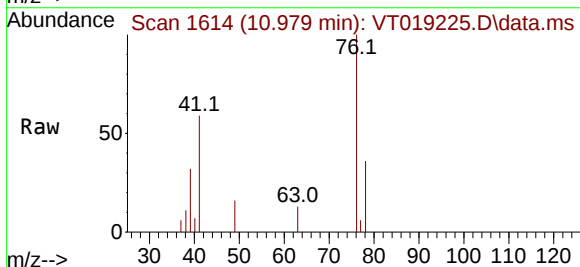
Acq: 31 Oct 2025 13:17

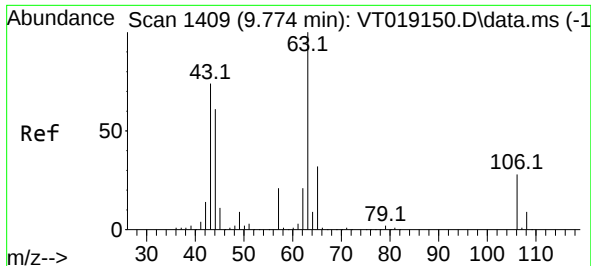
Tgt Ion: 76 Resp: 6136

Ion Ratio Lower Upper

76 100

78 31.0 25.9 38.9

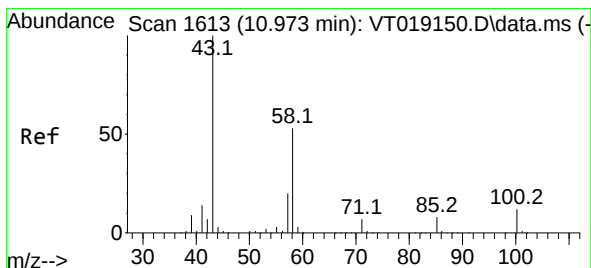
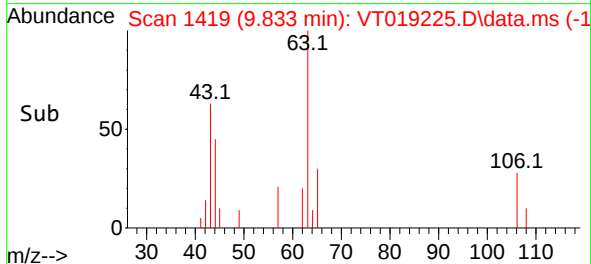
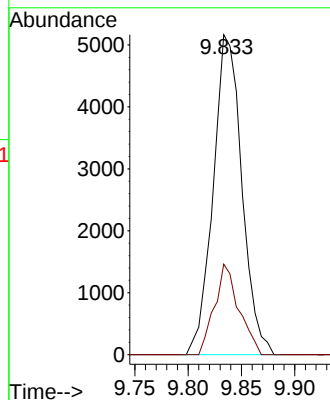
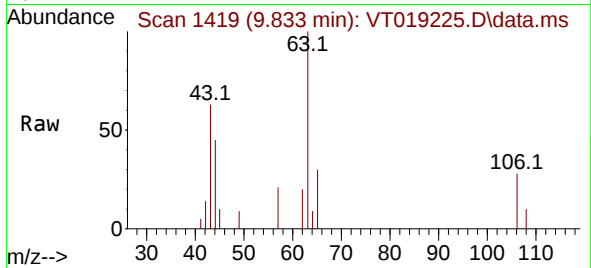




#58
2-Chloroethyl Vinyl ether
Concen: 15.125 ug/l
RT: 9.833 min Scan# 1409
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

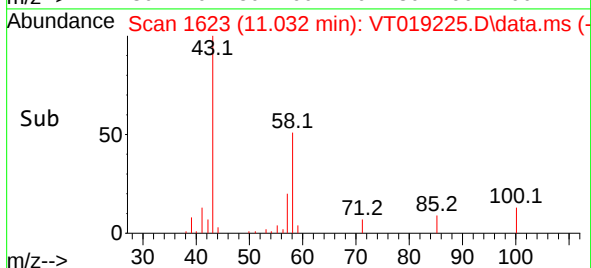
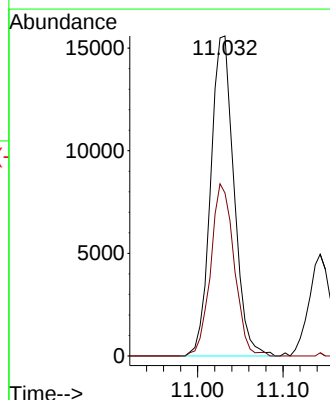
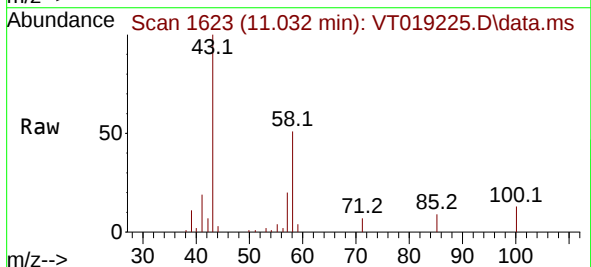
Instrument :
MSVOA_T
ClientSampleId :
MDL07

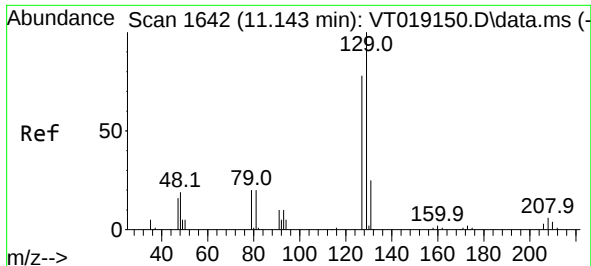
Tgt Ion: 63 Resp: 9657
Ion Ratio Lower Upper
63 100
106 24.0 22.4 33.6



#59
2-Hexanone
Concen: 14.814 ug/l
RT: 11.032 min Scan# 1623
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 43 Resp: 29607
Ion Ratio Lower Upper
43 100
58 54.2 26.1 78.3

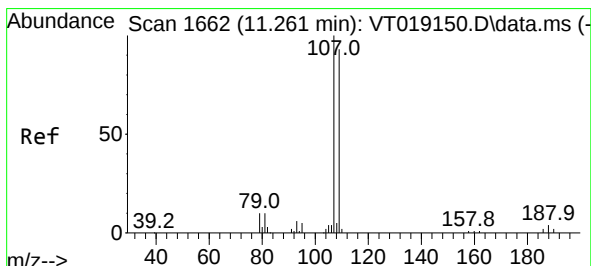
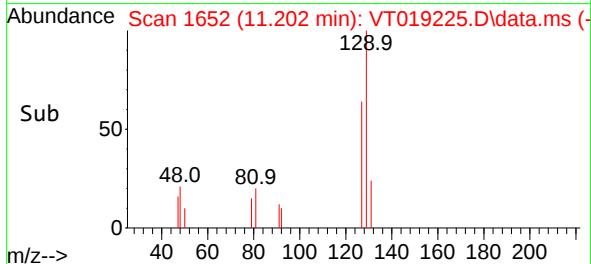
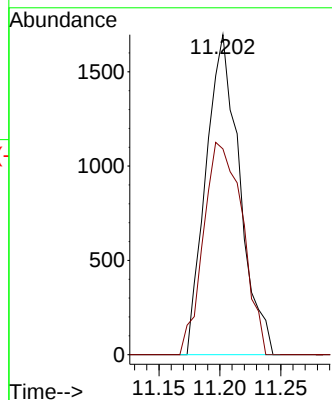
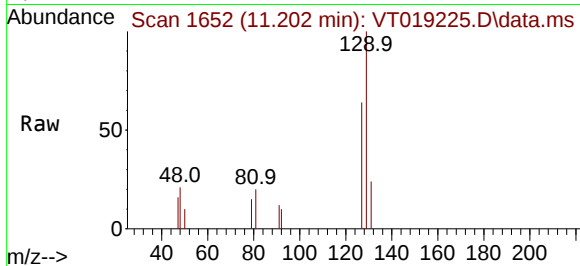




#60
Dibromochloromethane
Concen: 2.618 ug/l
RT: 11.202 min Scan# 1652
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

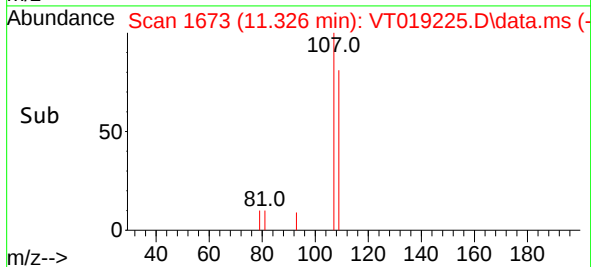
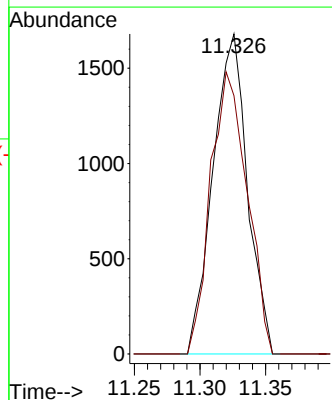
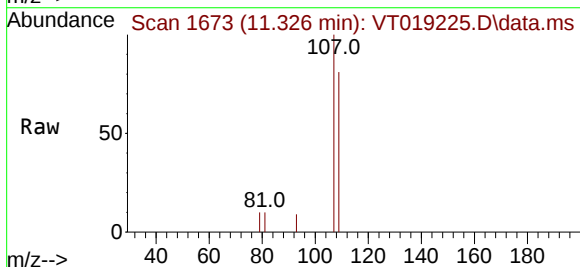
Instrument :
MSVOA_T
ClientSampleId :
MDL07

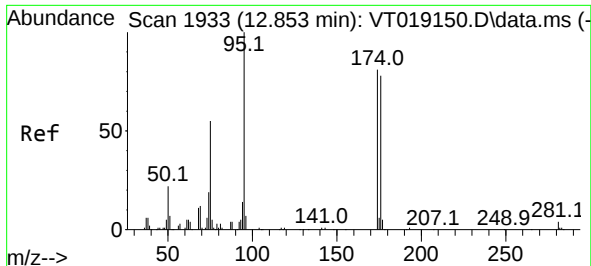
Tgt Ion:129 Resp: 3259
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7



#61
1,2-Dibromoethane
Concen: 2.669 ug/l
RT: 11.326 min Scan# 1673
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:107 Resp: 3068
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

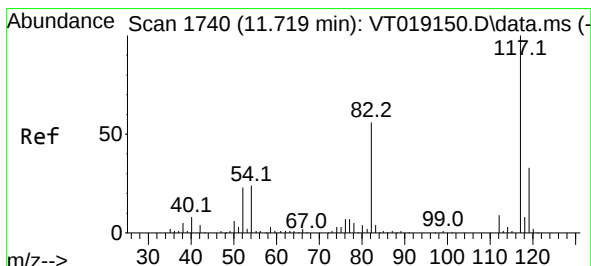
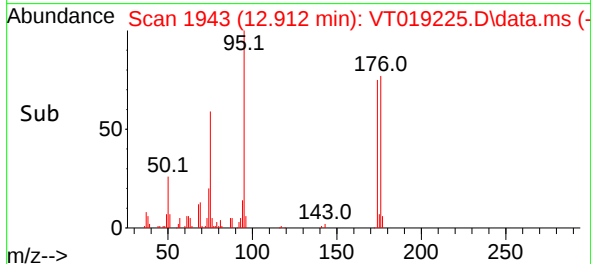
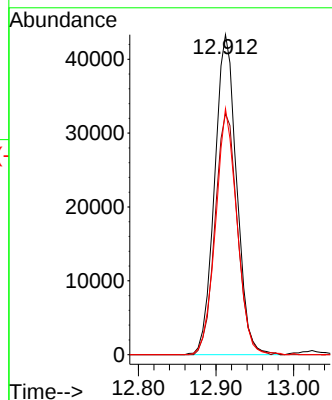
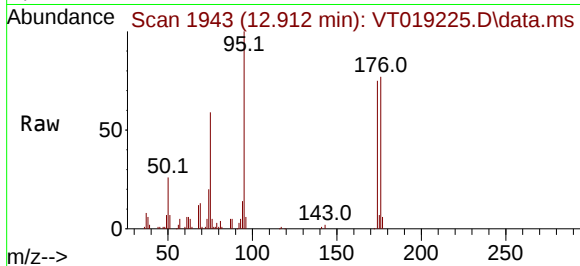




#62
4-Bromofluorobenzene
Concen: 46.490 ug/l
RT: 12.912 min Scan# 1933
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

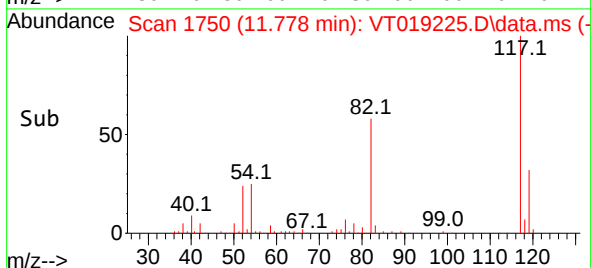
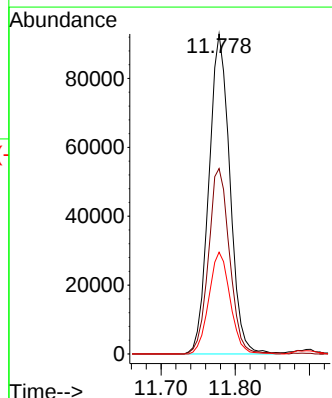
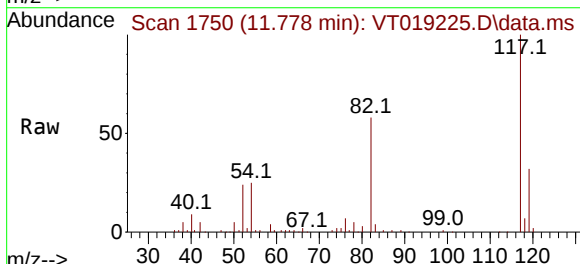
Instrument :
MSVOA_T
ClientSampleId :
MDL07

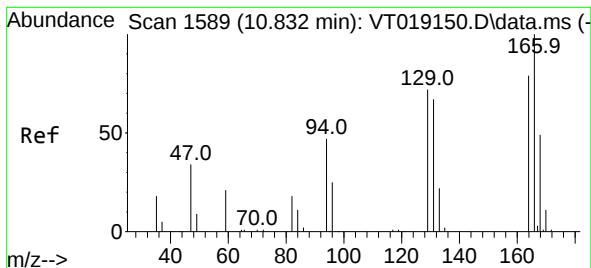
Tgt Ion: 95 Resp: 85385
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 74.8 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.778 min Scan# 1750
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 117 Resp: 182576
Ion Ratio Lower Upper
117 100
82 57.9 45.1 67.7
119 31.8 26.6 40.0





#64

Tetrachloroethene

Concen: 2.475 ug/l

RT: 10.897 min Scan# 1

Delta R.T. 0.059 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

MDL07

Tgt Ion:164 Resp: 2054

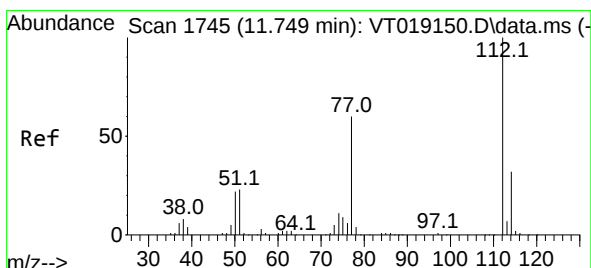
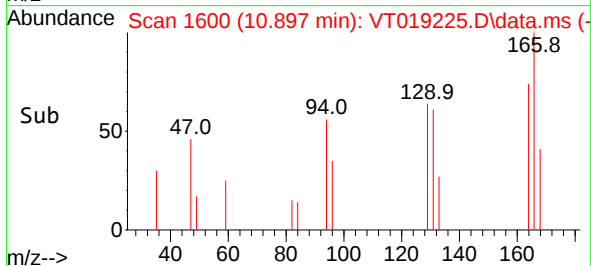
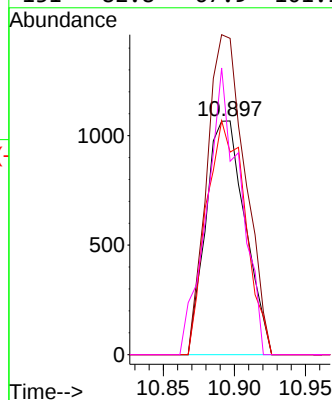
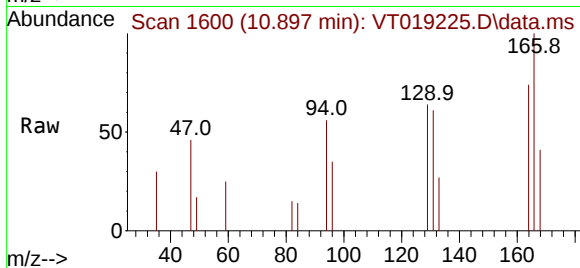
Ion Ratio Lower Upper

164 100

166 135.3 100.9 151.3

129 86.7 72.4 108.6

131 82.8 67.9 101.9



#65

Chlorobenzene

Concen: 2.768 ug/l

RT: 11.813 min Scan# 1756

Delta R.T. 0.058 min

Lab File: VT019225.D

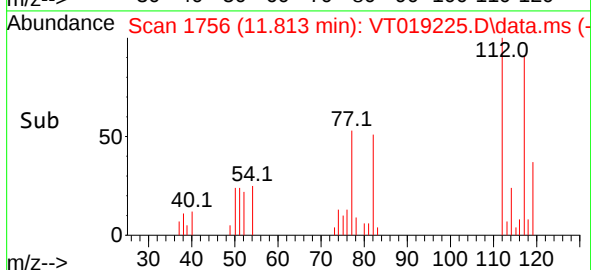
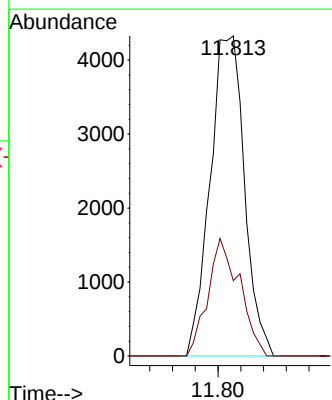
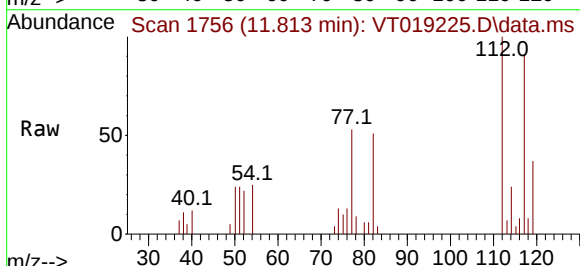
Acq: 31 Oct 2025 13:17

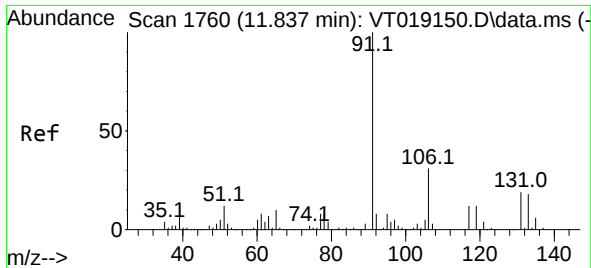
Tgt Ion:112 Resp: 9072

Ion Ratio Lower Upper

112 100

114 23.5 25.8 38.8#

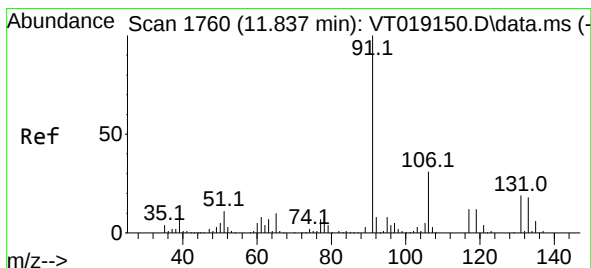
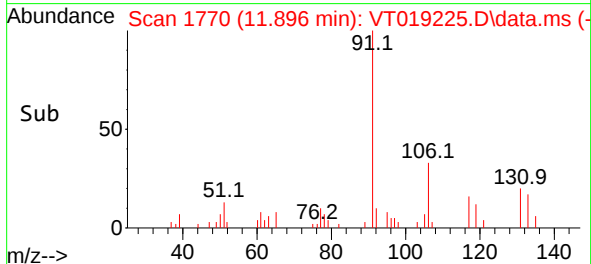
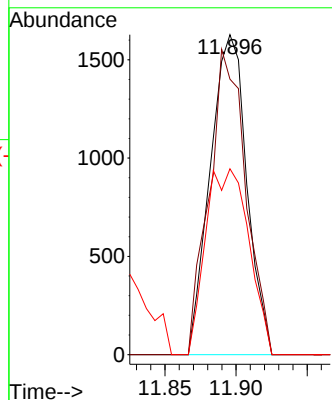
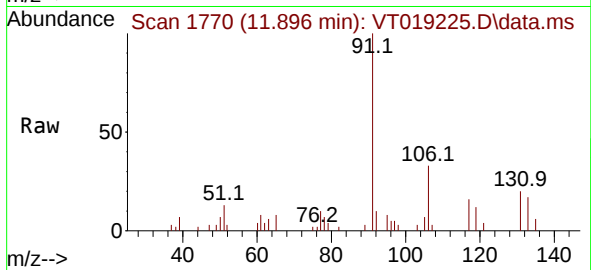




#66
1,1,1,2-Tetrachloroethane
Concen: 2.599 ug/l
RT: 11.896 min Scan# 1770
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

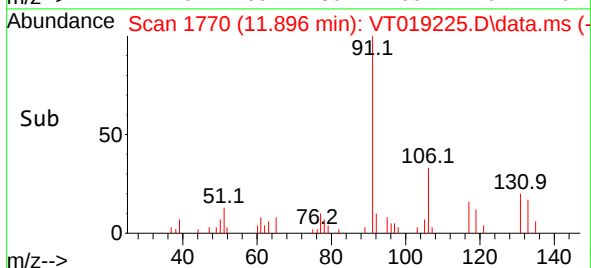
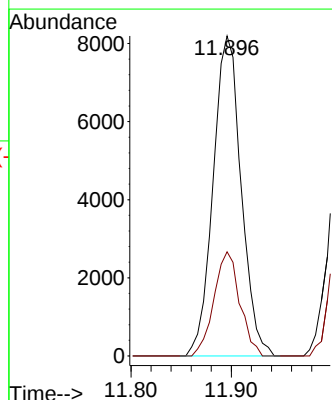
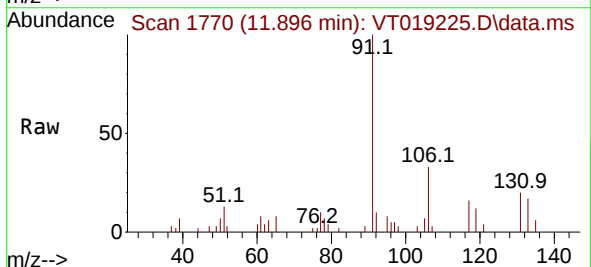
Instrument :
MSVOA_T
ClientSampleId :
MDL07

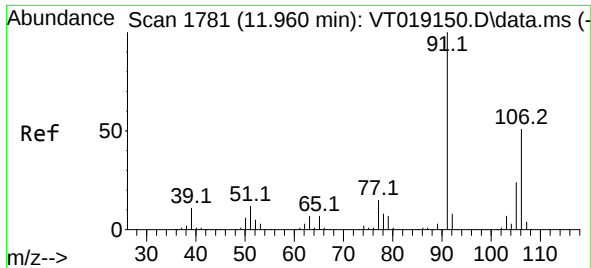
Tgt Ion:131 Resp: 2916
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 68.8 31.7 95.1



#67
Ethyl Benzene
Concen: 2.593 ug/l
RT: 11.896 min Scan# 1770
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 91 Resp: 15884
Ion Ratio Lower Upper
91 100
106 32.6 24.8 37.2

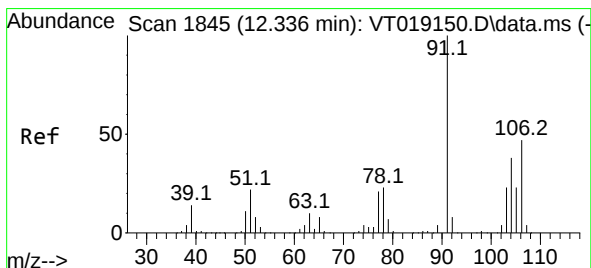
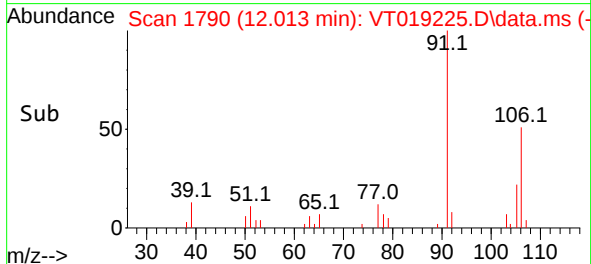
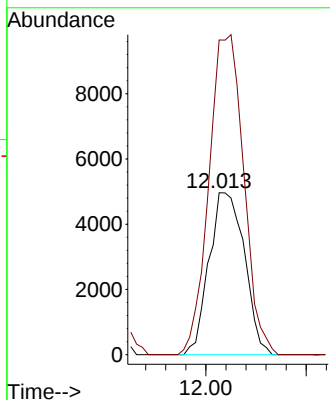
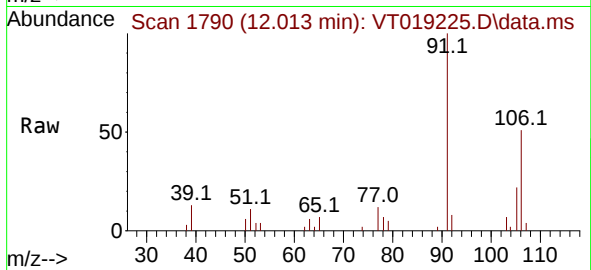




#68
m/p-Xylenes
Concen: 5.374 ug/l
RT: 12.013 min Scan# 11
Delta R.T. 0.047 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

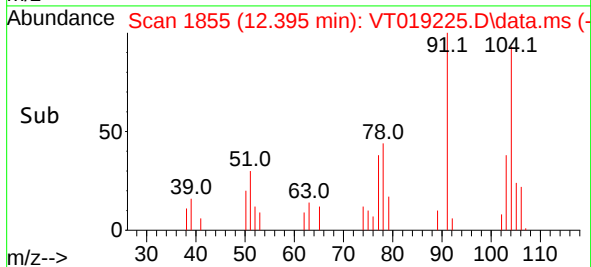
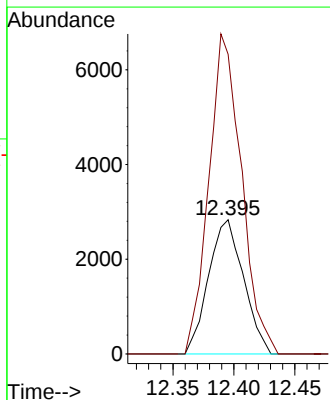
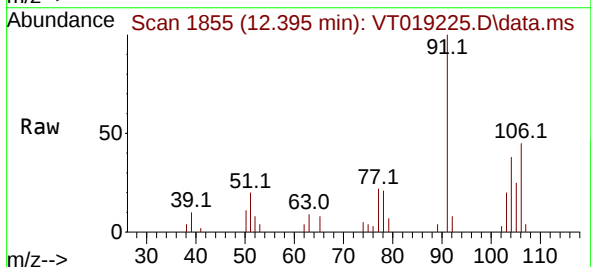
Instrument :
MSVOA_T
ClientSampleId :
MDL07

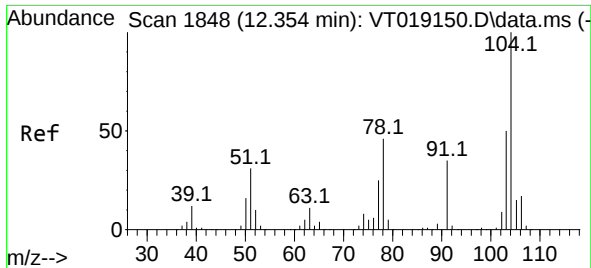
Tgt Ion:106 Resp: 12162
Ion Ratio Lower Upper
106 100
91 193.9 161.0 241.6



#69
o-Xylene
Concen: 2.520 ug/l
RT: 12.395 min Scan# 1855
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:106 Resp: 5669
Ion Ratio Lower Upper
106 100
91 222.4 106.5 319.5

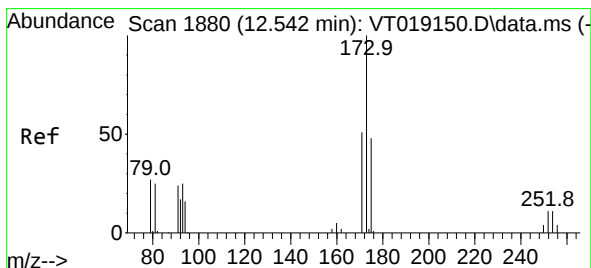
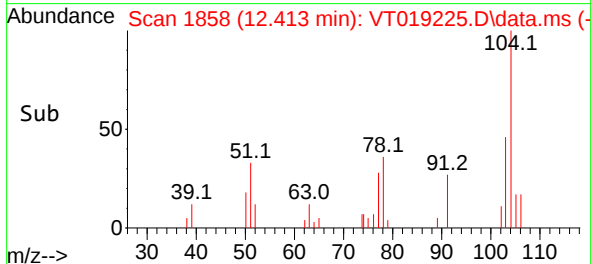
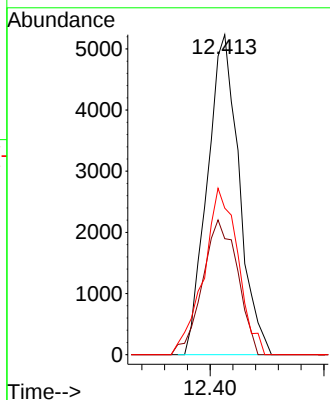
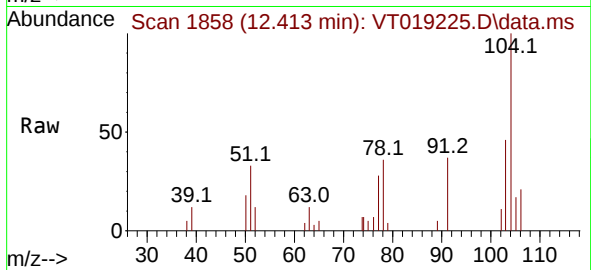




#70
Styrene
Concen: 2.504 ug/l
RT: 12.413 min Scan# 1858
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

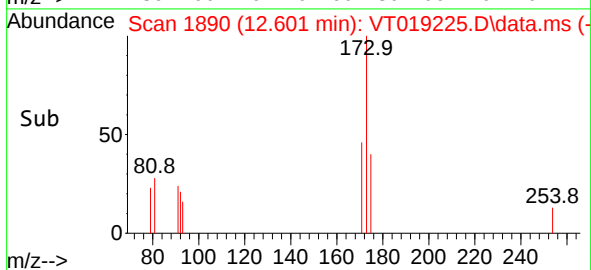
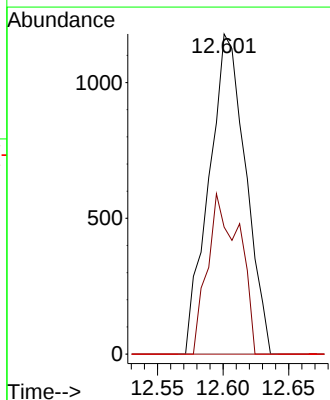
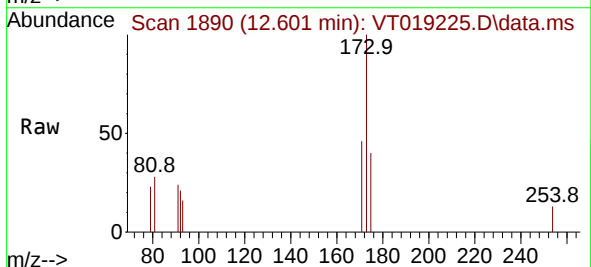
Instrument :
MSVOA_T
ClientSampleId :
MDL07

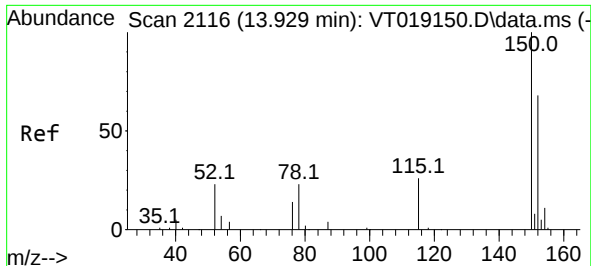
Tgt Ion:104 Resp: 10142
Ion Ratio Lower Upper
104 100
78 46.4 40.8 61.2
103 56.1 43.8 65.6



#71
Bromoform
Concen: 2.674 ug/l
RT: 12.601 min Scan# 1890
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:173 Resp: 2294
Ion Ratio Lower Upper
173 100
175 43.5 24.0 72.0
254 0.0 0.0 0.0

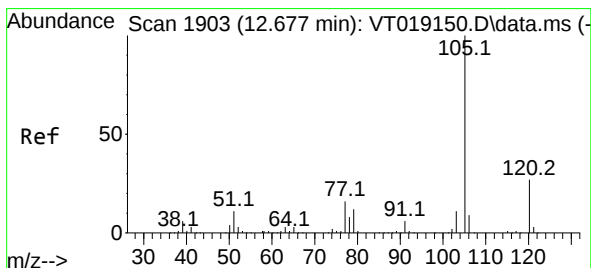
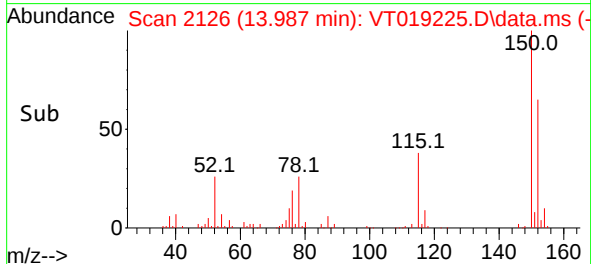
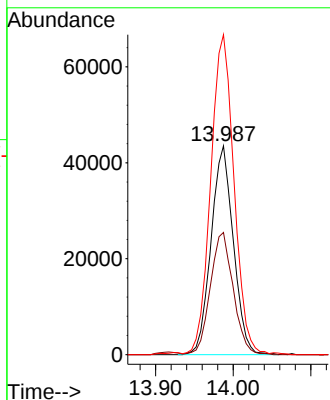
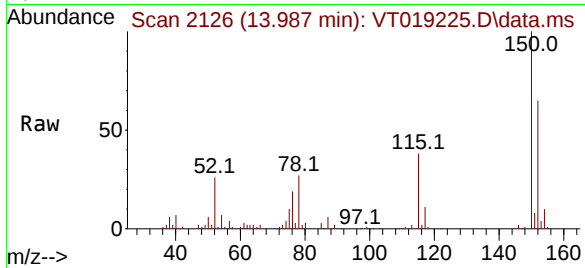




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.987 min Scan# 2116
Delta R.T. 0.058 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

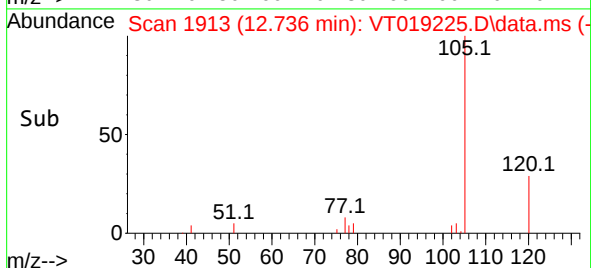
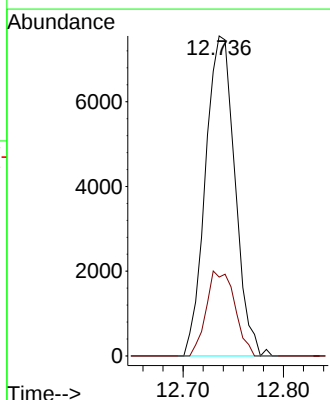
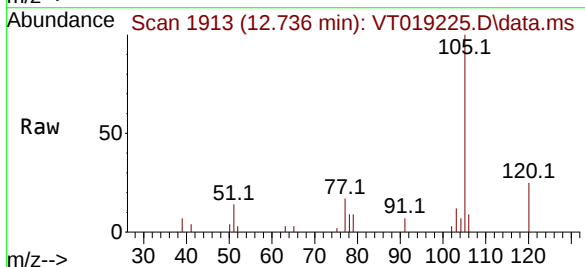
Instrument :
MSVOA_T
ClientSampleId :
MDL07

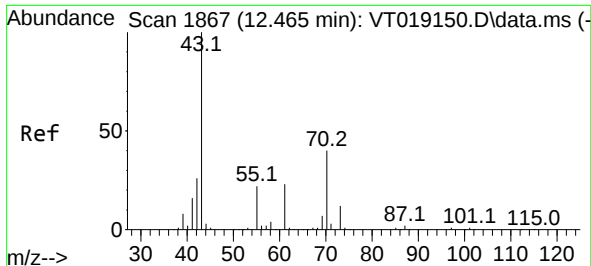
Tgt Ion:152 Resp: 86975
Ion Ratio Lower Upper
152 100
115 60.0 29.6 88.9
150 160.5 0.0 342.6



#73
Isopropylbenzene
Concen: 2.572 ug/l
RT: 12.736 min Scan# 1913
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:105 Resp: 15400
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

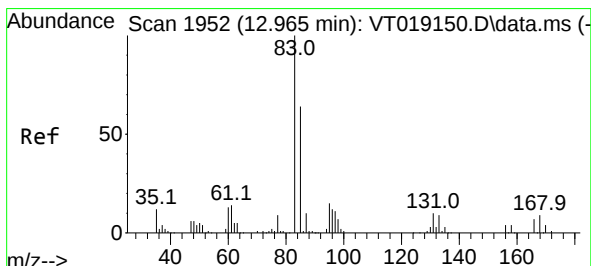
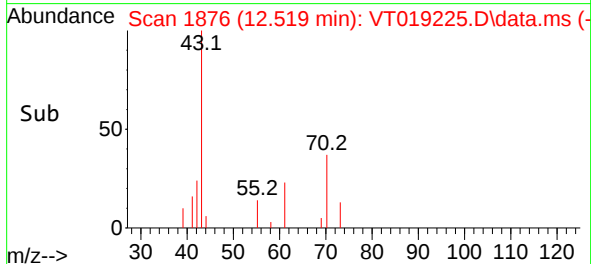
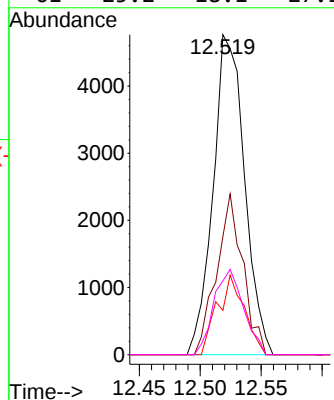
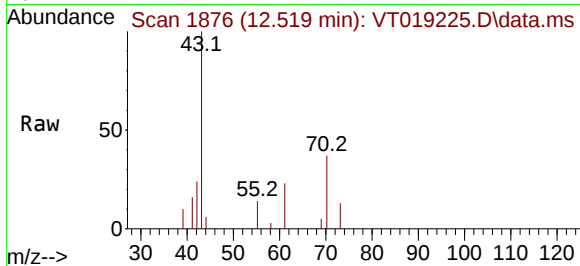




#74
N-amy1 acetate
Concen: 2.826 ug/l
RT: 12.519 min Scan# 1867
Delta R.T. 0.048 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

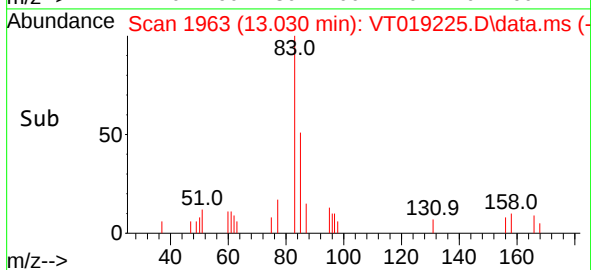
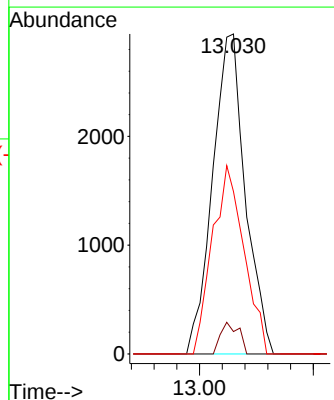
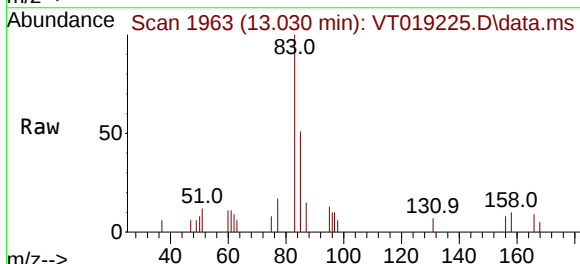
Instrument :
MSVOA_T
ClientSampleId :
MDL07

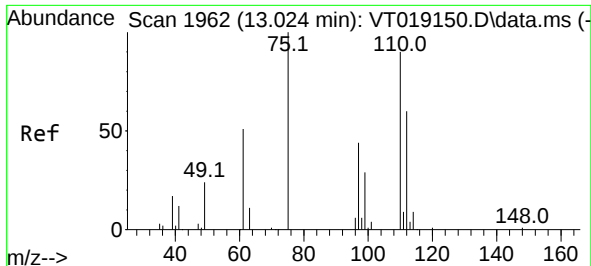
Tgt Ion: 43	Resp: 8534
Ion Ratio	Lower Upper
43 100	
70 42.0	31.3 46.9
55 21.4	17.4 26.0
61 25.2	18.1 27.1



#75
1,1,2,2-Tetrachloroethane
Concen: 2.860 ug/l
RT: 13.030 min Scan# 1963
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 83	Resp: 5867		
Ion Ratio	Lower	Upper	
83 100			
131 5.5	5.2	15.6	
85 57.0	32.8	98.4	

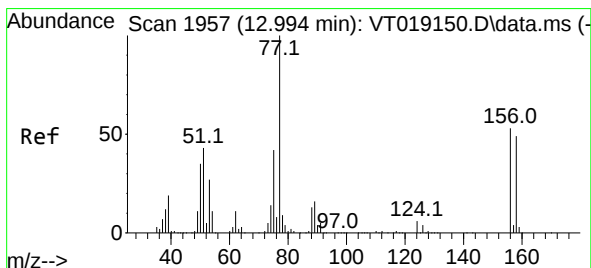
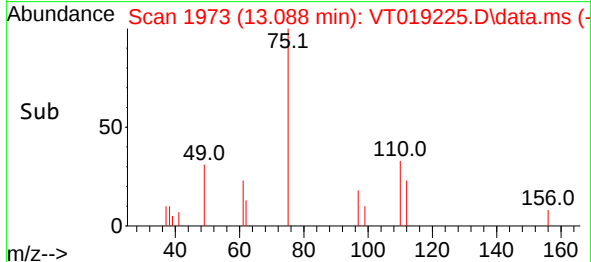
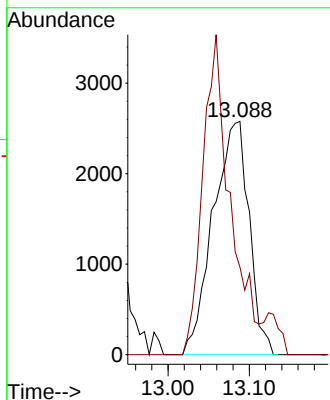
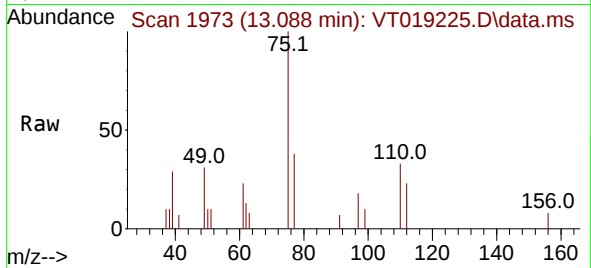




#76
1,2,3-Trichloropropane
Concen: 4.420 ug/l
RT: 13.088 min Scan# 1962
Delta R.T. 0.058 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

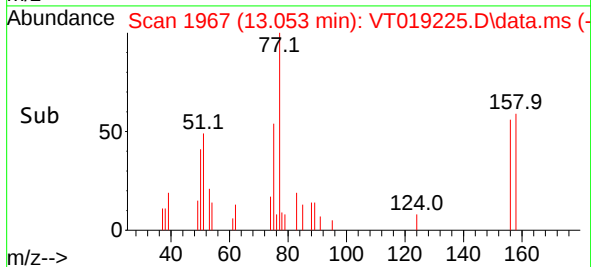
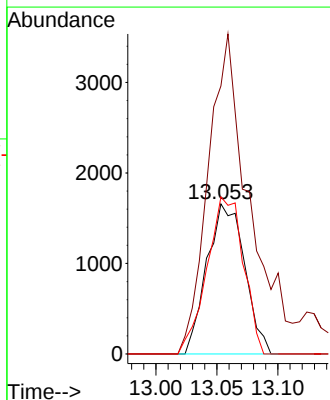
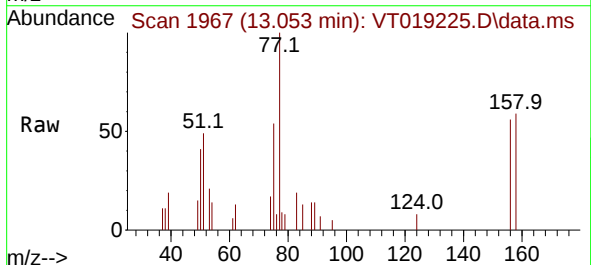
Instrument :
MSVOA_T
ClientSampleId :
MDL07

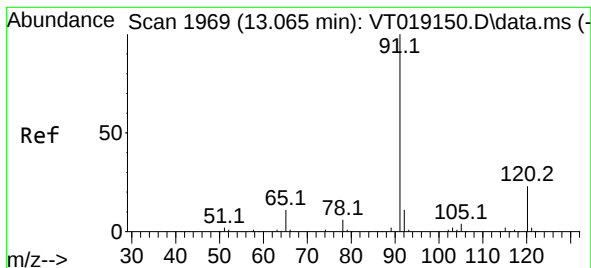
Tgt Ion: 75 Resp: 7911
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.805 ug/l
RT: 13.053 min Scan# 1967
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 156 Resp: 3563
Ion Ratio Lower Upper
156 100
77 232.7 113.1 339.3
158 101.1 48.0 144.0





#78

n-propylbenzene

Concen: 2.677 ug/l

RT: 13.124 min Scan# 1979

Delta R.T. 0.053 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

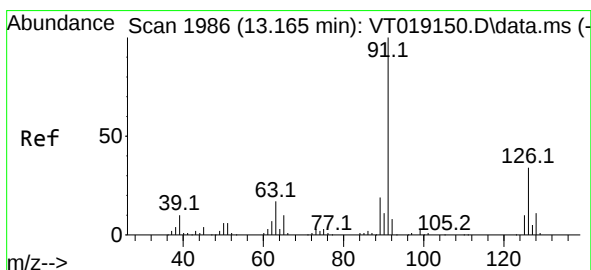
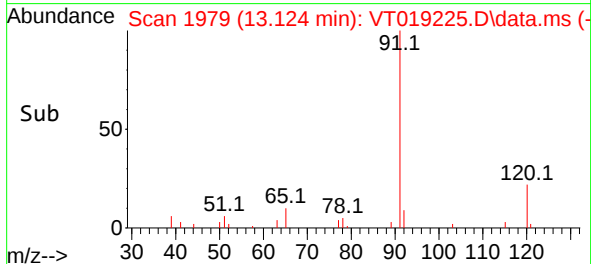
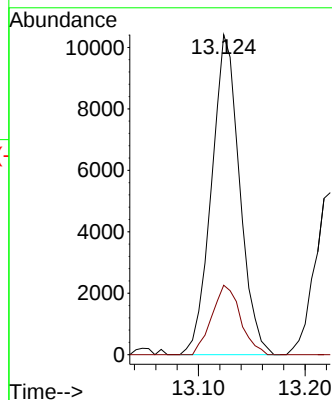
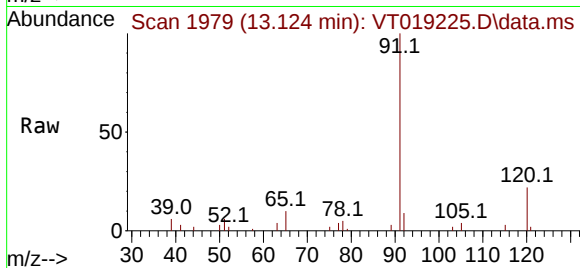
MDL07

Tgt Ion: 91 Resp: 19043

Ion Ratio Lower Upper

91 100

120 22.1 11.6 34.8



#79

2-Chlorotoluene

Concen: 2.775 ug/l

RT: 13.224 min Scan# 1996

Delta R.T. 0.053 min

Lab File: VT019225.D

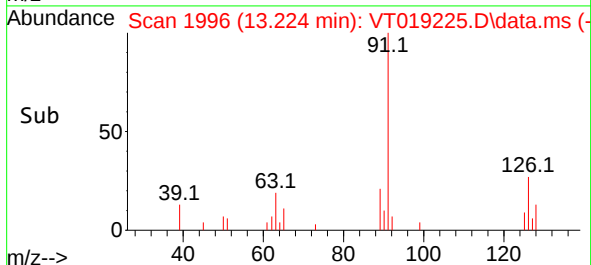
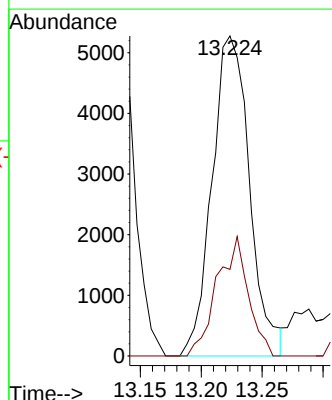
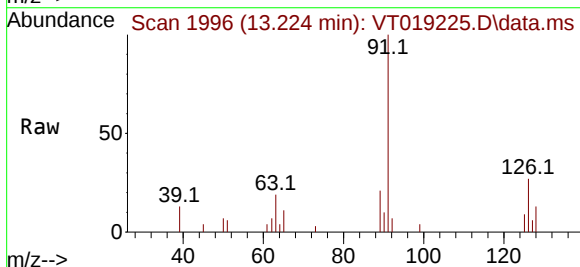
Acq: 31 Oct 2025 13:17

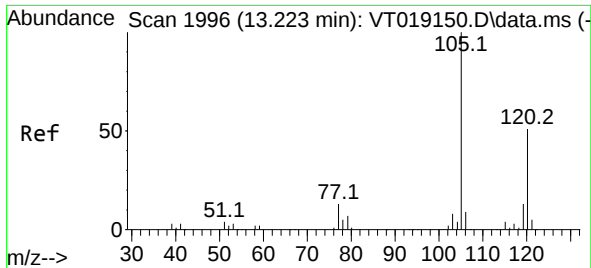
Tgt Ion: 91 Resp: 11308

Ion Ratio Lower Upper

91 100

126 31.1 17.1 51.2

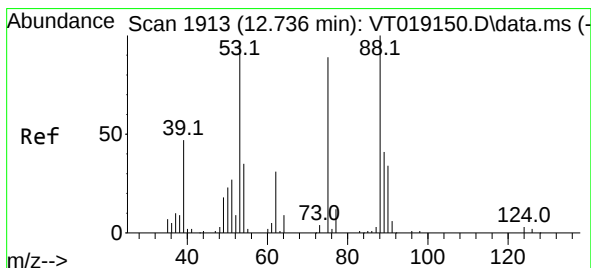
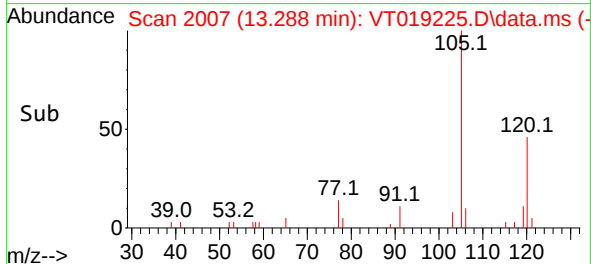
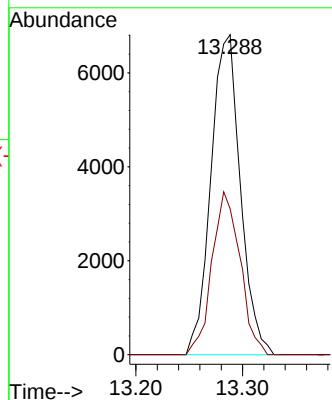
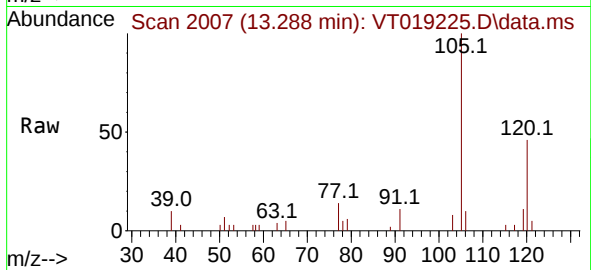




#80
1,3,5-Trimethylbenzene
Concen: 2.720 ug/l
RT: 13.288 min Scan# 20
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

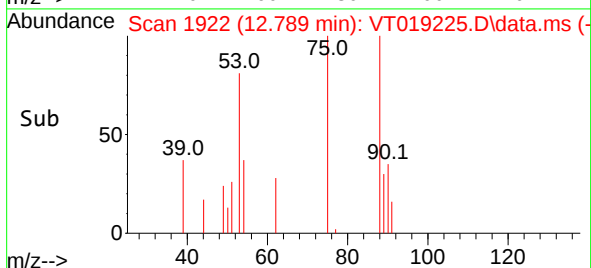
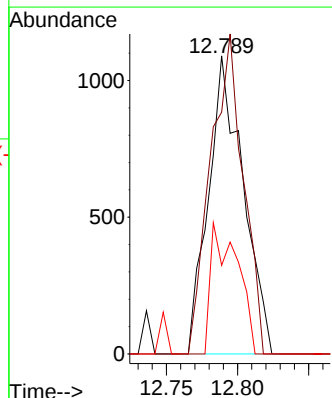
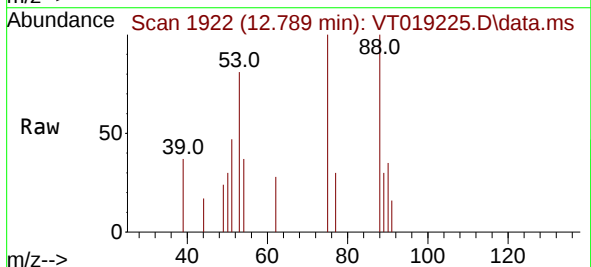
Instrument :
MSVOA_T
ClientSampleId :
MDL07

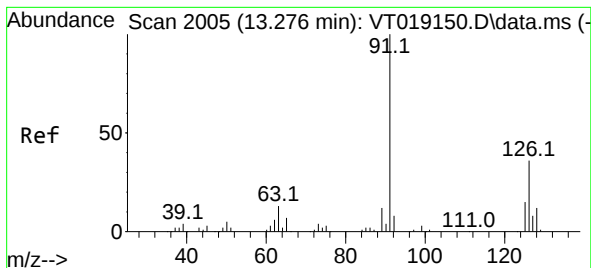
Tgt Ion:105 Resp: 13081
Ion Ratio Lower Upper
105 100
120 48.6 25.5 76.5



#81
trans-1,4-Dichloro-2-butene
Concen: 2.425 ug/l
RT: 12.789 min Scan# 1922
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 75 Resp: 1850
Ion Ratio Lower Upper
75 100
53 101.2 86.0 129.0
89 33.8 36.3 54.5#





#82

4-Chlorotoluene

Concen: 2.765 ug/l

RT: 13.335 min Scan# 2005

Delta R.T. 0.053 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

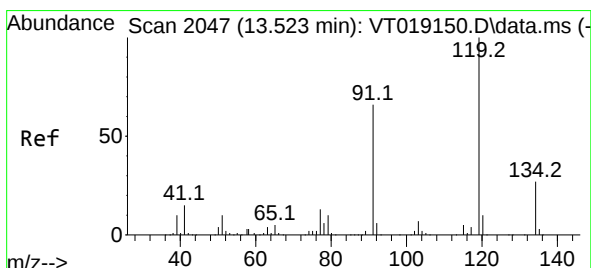
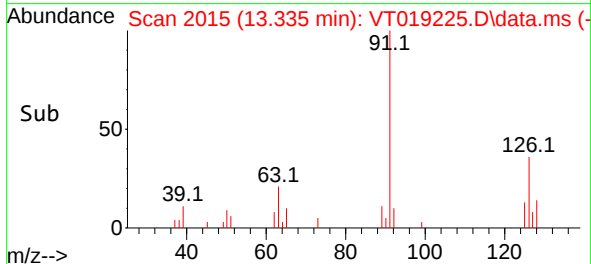
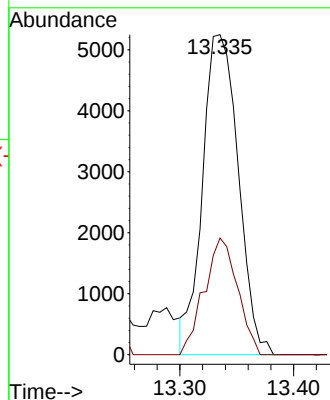
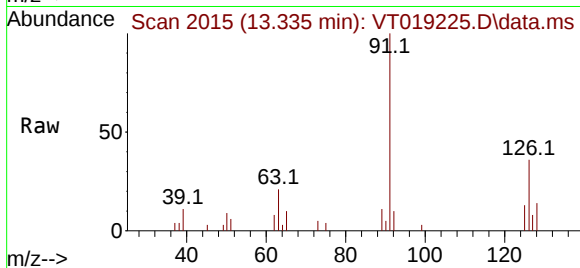
MDL07

Tgt Ion: 91 Resp: 11467

Ion Ratio Lower Upper

91 100

126 34.0 16.9 50.7



#83

tert-Butylbenzene

Concen: 2.767 ug/l

RT: 13.582 min Scan# 2057

Delta R.T. 0.053 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

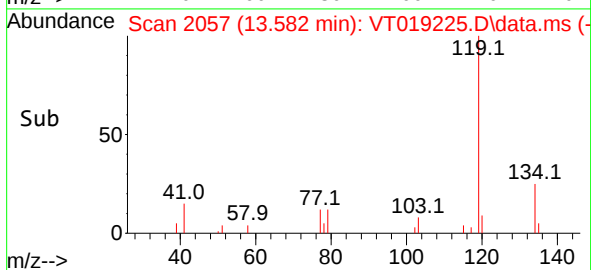
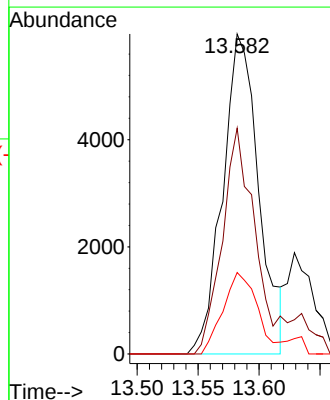
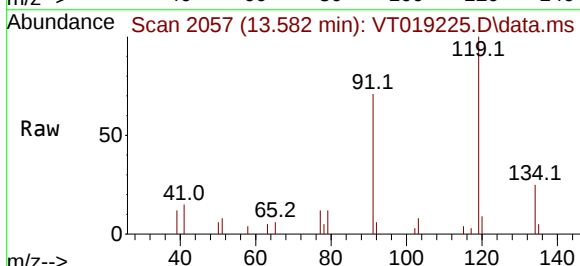
Tgt Ion: 119 Resp: 12319

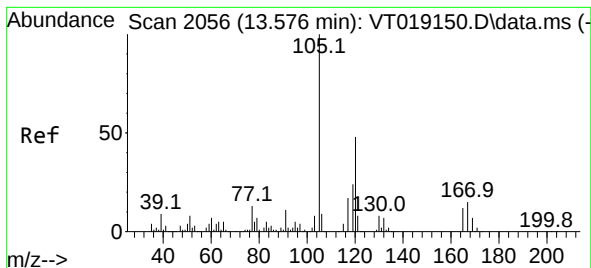
Ion Ratio Lower Upper

119 100

91 65.5 32.9 98.6

134 24.3 14.8 44.3





#84

1,2,4-Trimethylbenzene

Concen: 2.582 ug/l

RT: 13.629 min Scan# 2056

Delta R.T. 0.047 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

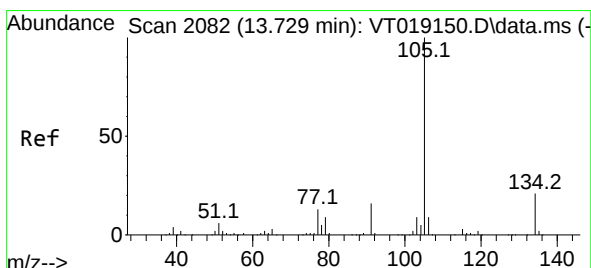
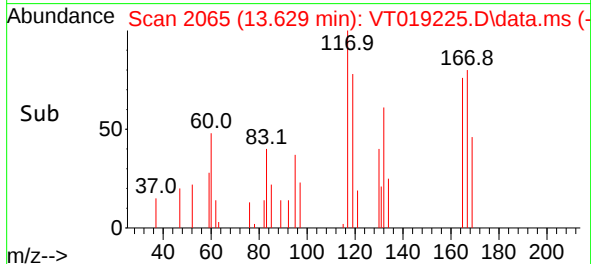
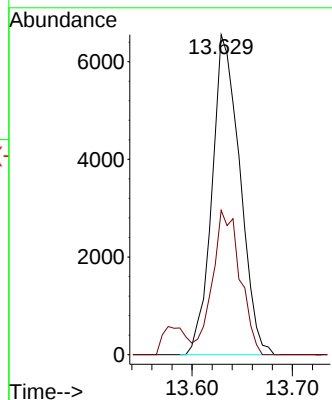
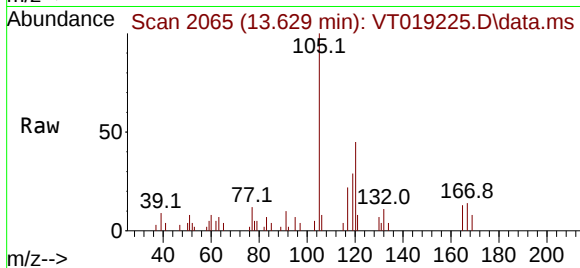
MDL07

Tgt Ion:105 Resp: 12610

Ion Ratio Lower Upper

105 100

120 44.8 23.7 71.1



#85

sec-Butylbenzene

Concen: 2.615 ug/l

RT: 13.782 min Scan# 2091

Delta R.T. 0.053 min

Lab File: VT019225.D

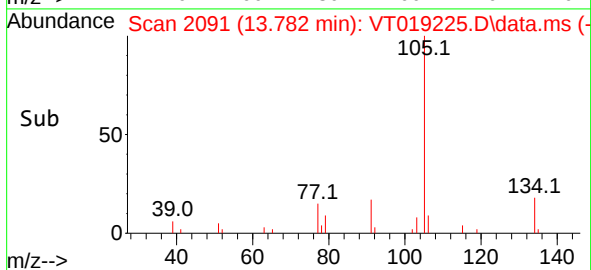
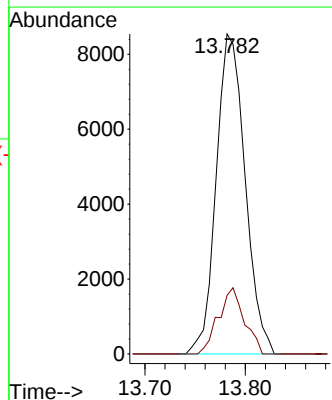
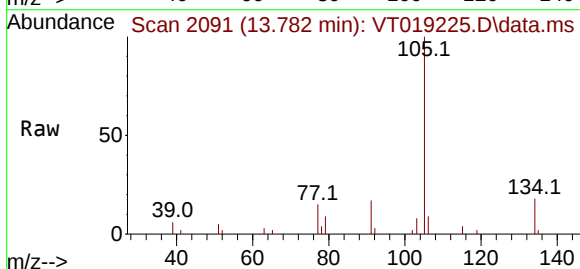
Acq: 31 Oct 2025 13:17

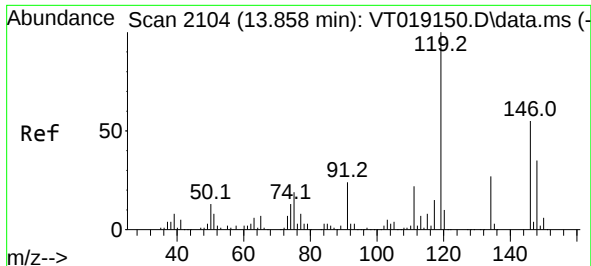
Tgt Ion:105 Resp: 17075

Ion Ratio Lower Upper

105 100

134 18.5 10.7 32.1

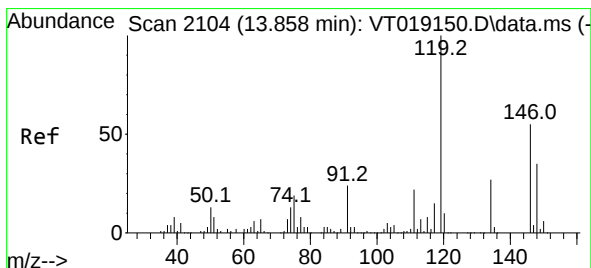
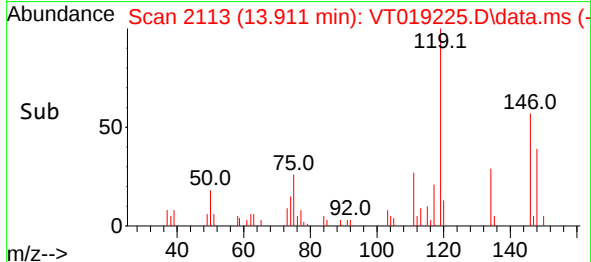
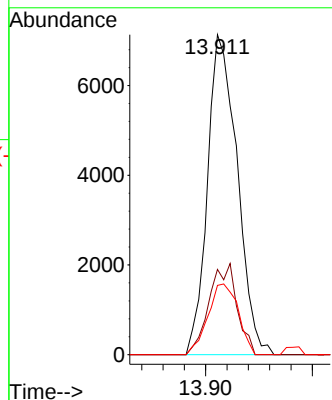
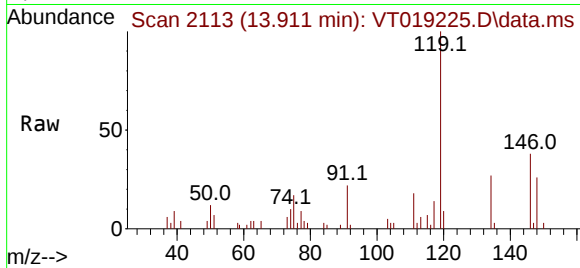




#86
p-Isopropyltoluene
Concen: 2.533 ug/l
RT: 13.911 min Scan# 2113
Delta R.T. 0.047 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

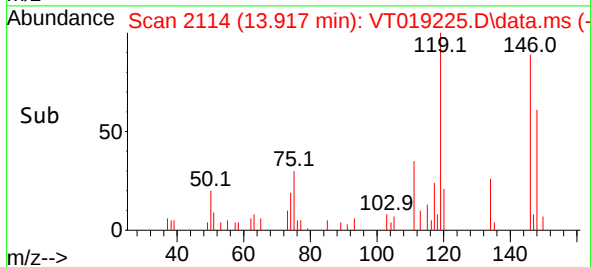
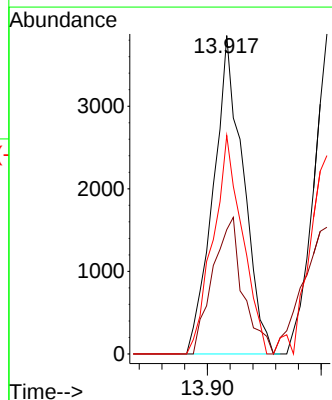
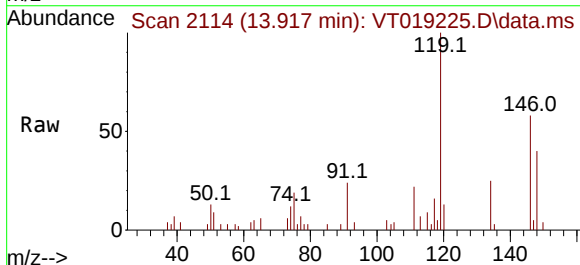
Instrument :
MSVOA_T
ClientSampleId :
MDL07

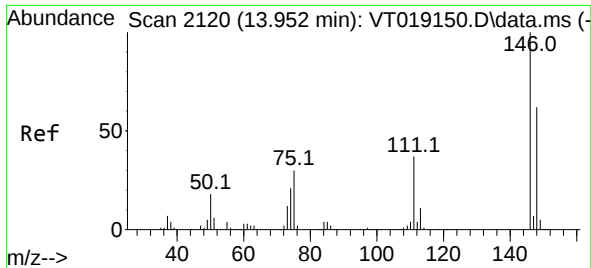
Tgt Ion:119 Resp: 13808
Ion Ratio Lower Upper
119 100
134 26.6 13.4 40.1
91 22.5 11.7 35.1



#87
1,3-Dichlorobenzene
Concen: 2.700 ug/l
RT: 13.917 min Scan# 2114
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion:146 Resp: 7037
Ion Ratio Lower Upper
146 100
111 43.7 20.3 60.9
148 67.7 32.1 96.3



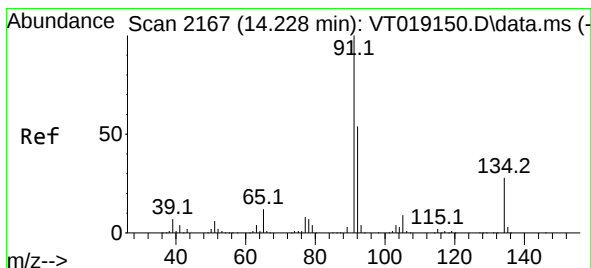
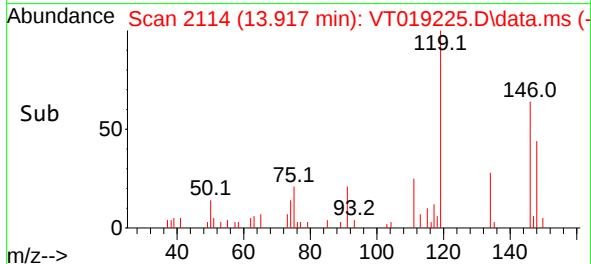
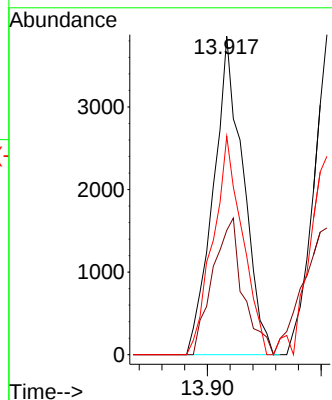
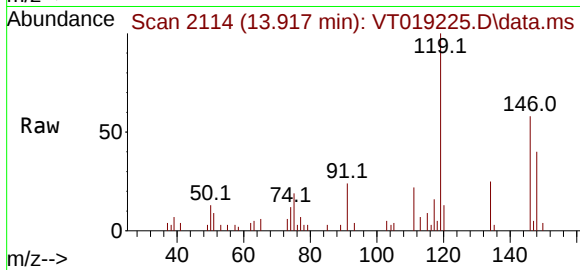


#88
1,4-Dichlorobenzene
Concen: 2.680 ug/l
RT: 13.917 min Scan# 2114
Delta R.T. -0.035 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Instrument :
MSVOA_T
ClientSampleId :
MDL07

Tgt Ion:146 Resp: 7037

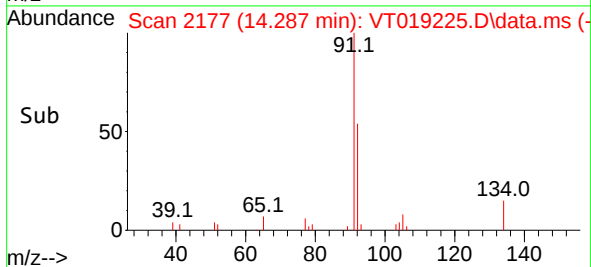
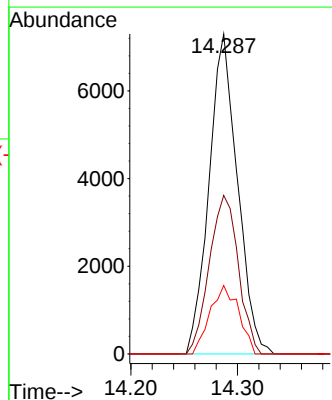
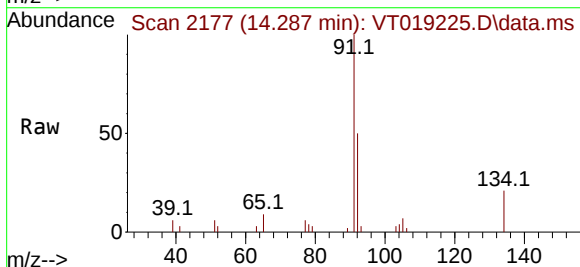
Ion	Ratio	Lower	Upper
146	100		
111	43.7	19.3	57.8
148	67.7	31.8	95.4

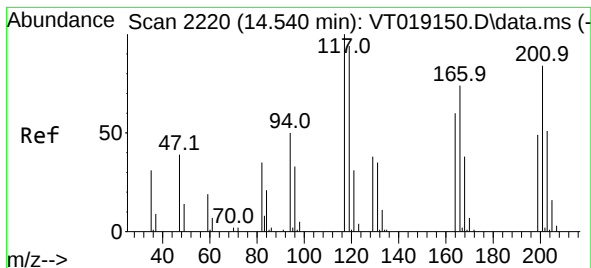


#89
n-Butylbenzene
Concen: 2.680 ug/l
RT: 14.287 min Scan# 2177
Delta R.T. 0.053 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 91 Resp: 13497

Ion	Ratio	Lower	Upper
91	100		
92	50.6	27.1	81.2
134	21.6	13.7	41.0





#90

Hexachloroethane

Concen: 2.137 ug/l

RT: 14.593 min Scan# 2186

Delta R.T. 0.053 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

Instrument :

MSVOA_T

ClientSampleId :

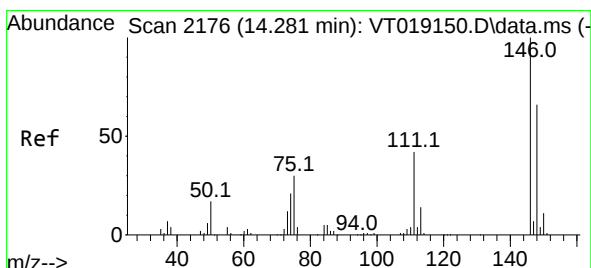
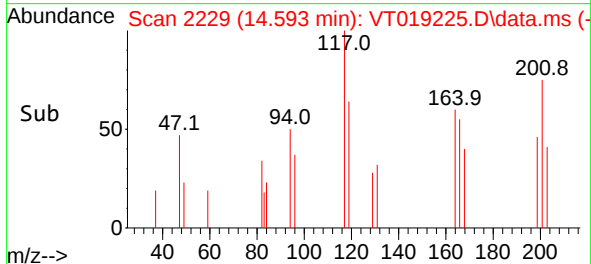
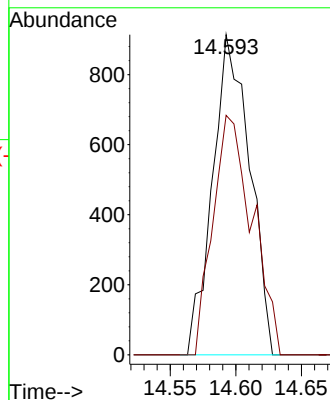
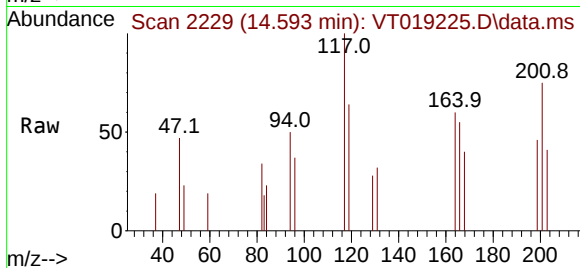
MDL07

Tgt Ion:117 Resp: 1797

Ion Ratio Lower Upper

117 100

201 79.4 39.7 119.1



#91

1,2-Dichlorobenzene

Concen: 2.884 ug/l

RT: 14.340 min Scan# 2186

Delta R.T. 0.053 min

Lab File: VT019225.D

Acq: 31 Oct 2025 13:17

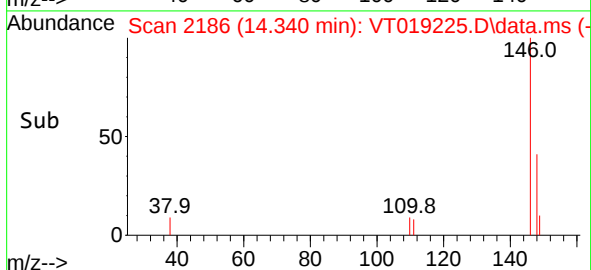
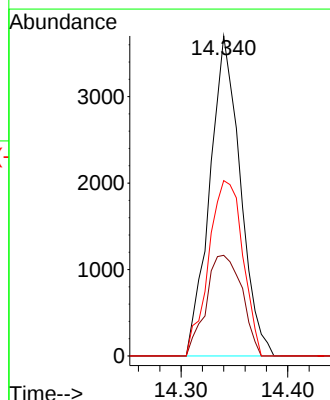
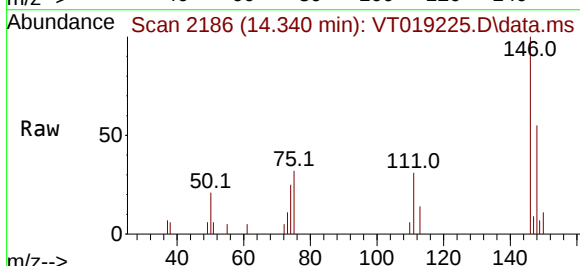
Tgt Ion:146 Resp: 7363

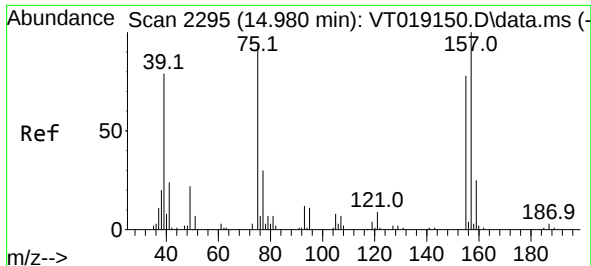
Ion Ratio Lower Upper

146 100

111 36.9 20.8 62.4

148 61.1 32.6 97.8

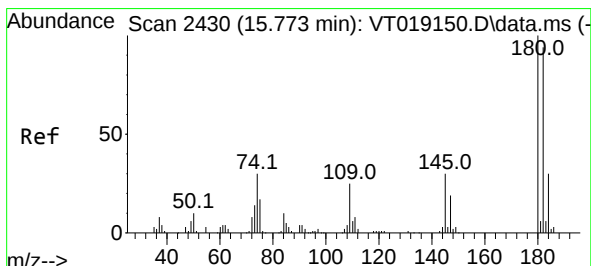
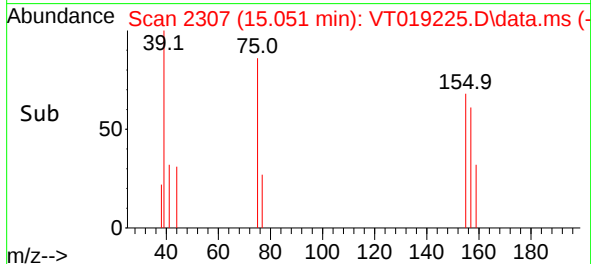
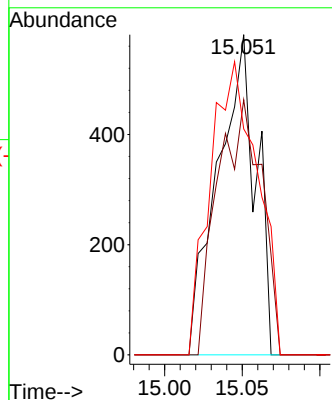
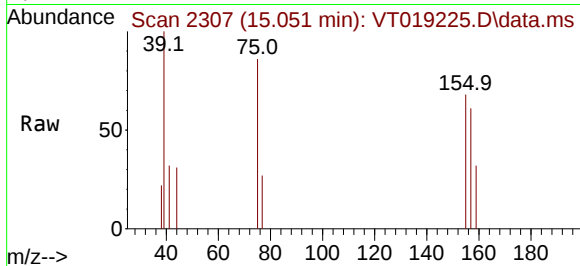




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.244 ug/l
RT: 15.051 min Scan# 21
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

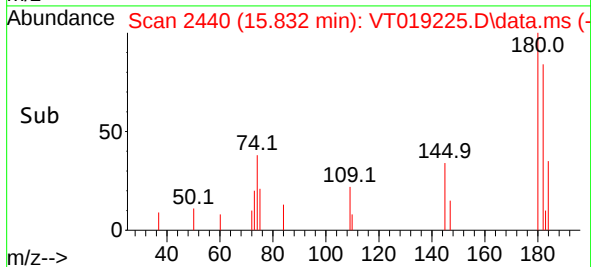
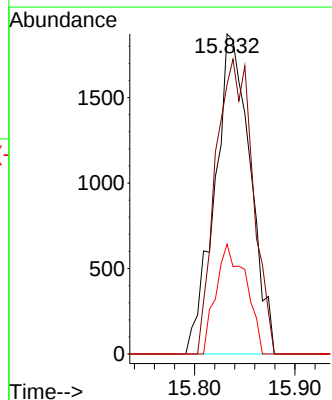
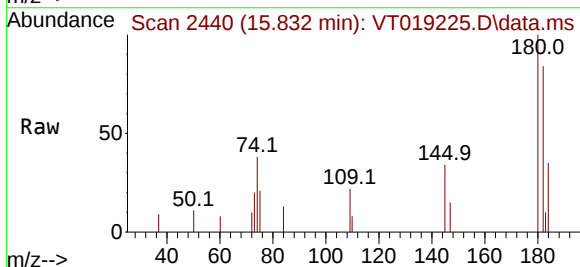
Instrument :
MSVOA_T
ClientSampleId :
MDL07

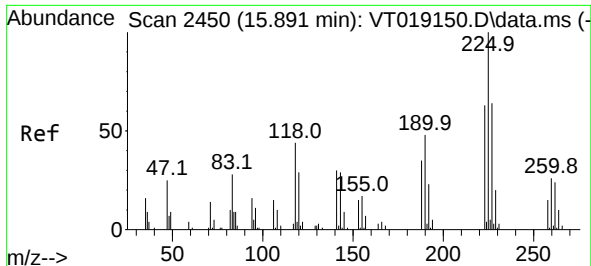
Tgt Ion: 75 Resp: 993
Ion Ratio Lower Upper
75 100
155 91.9 42.9 128.7
157 113.1 54.9 164.8



#93
1,2,4-Trichlorobenzene
Concen: 2.804 ug/l
RT: 15.832 min Scan# 2440
Delta R.T. 0.059 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

Tgt Ion: 180 Resp: 4605
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 29.0 15.0 45.0

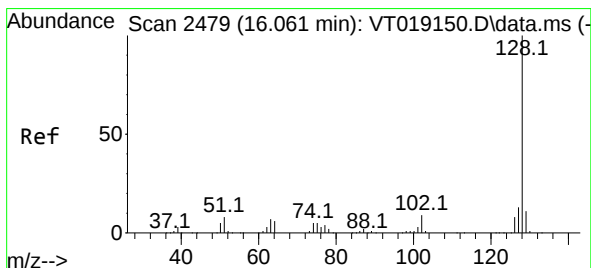
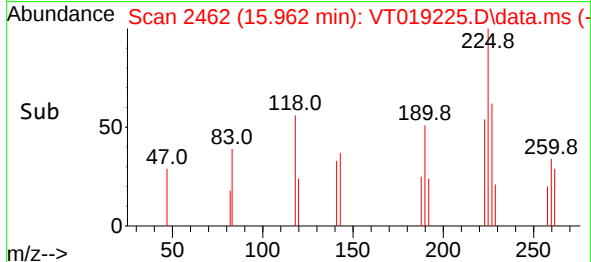
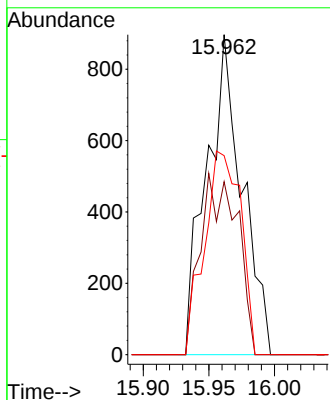
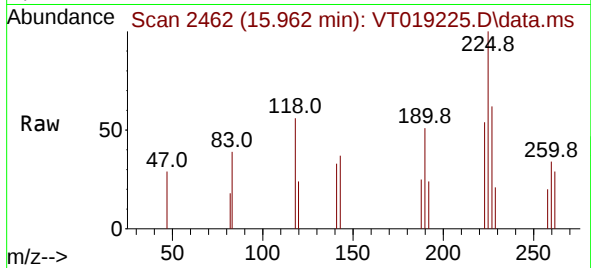




#94
Hexachlorobutadiene
Concen: 2.498 ug/l
RT: 15.962 min Scan# 2450
Delta R.T. 0.065 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

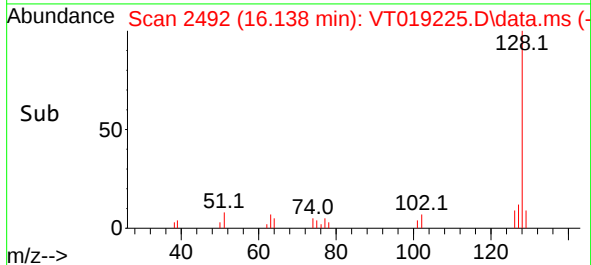
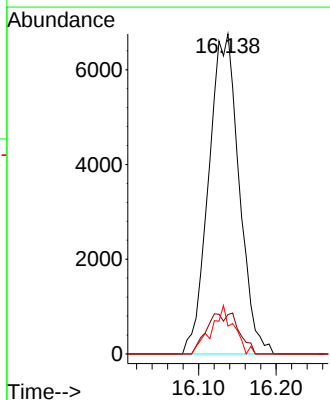
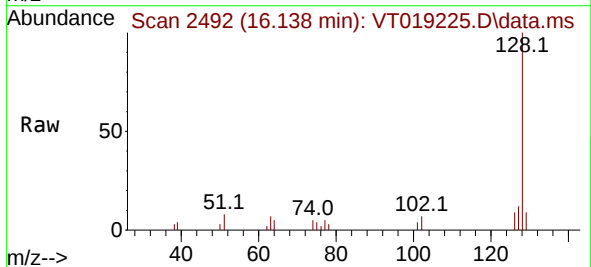
Instrument :
MSVOA_T
ClientSampleId :
MDL07

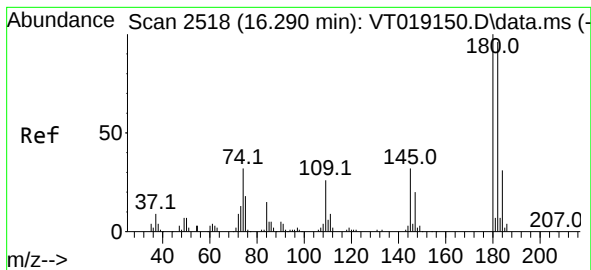
Tgt Ion:225 Resp: 1692
Ion Ratio Lower Upper
225 100
223 58.8 31.1 93.5
227 65.1 31.9 95.9



#95
Naphthalene
Concen: 3.200 ug/l
RT: 16.138 min Scan# 2492
Delta R.T. 0.077 min
Lab File: VT019225.D
Acq: 31 Oct 2025 13:17

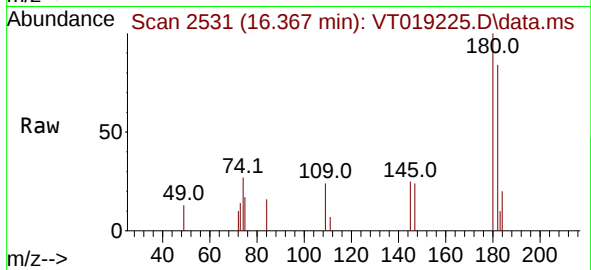
Tgt Ion:128 Resp: 18402
Ion Ratio Lower Upper
128 100
127 7.7 10.5 15.7#
129 11.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 3.012 ug/l
 RT: 16.367 min Scan# 21
 Delta R.T. 0.071 min
 Lab File: VT019225.D
 Acq: 31 Oct 2025 13:17

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07



Tgt Ion:	180	Resp:	4881
Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.6	142.8
145	29.4	15.8	47.4

