

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019189.D
 Acq On : 27 Oct 2025 10:31
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

Quant Time: Oct 28 05:58:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.113	128	70	30.000	ug/l	# 0.03
28) 1,4-Difluorobenzene	8.529	114	165626	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.708	117	135576	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	66473	10839.024	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	= 36130.067%	#
60) 4-Bromofluorobenzene	12.842	95	61150	28.698	ug/l	-0.05
Spiked Amount	30.000	Range	63 - 112	Recovery	= 95.667%	
63) Toluene-d8	10.209	98	196324	29.751	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.167%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	2221	1156.109	ug/l	97
3) Chloromethane	2.113	50	659	149.443	ug/l #	37
4) Vinyl Chloride	2.183	62	3900	791.356	ug/l	89
5) Bromomethane	2.530	94	4374	1068.703	ug/l	99
6) Chloroethane	2.665	64	3713	854.283	ug/l	92
7) Trichlorofluoromethane	2.953	101	4236	530.011	ug/l	96
8) Diethyl Ether	3.323	74	4047	822.409	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.652	101	3881	1236.816	ug/l #	32
10) 1,1-Dichloroethene	3.623	96	3693	1174.830	ug/l	92
11) Methyl Iodide	3.887	142	71	23.178	ug/l #	1
12) Methyl Acetate	4.175	43	8257	664.260	ug/l	94
13) Acrolein	3.546	56	53	126.422	ug/l #	14
14) Acrylonitrile	4.874	53	517	134.938	ug/l #	34
15) Acetone	3.699	58	9676	7088.292	ug/l	95
16) Carbon Disulfide	3.981	76	71	12.093	ug/l #	75
17) Allyl chloride	4.169	41	7497	1003.308	ug/l	97
18) Methylene Chloride	4.387	84	6103	1301.755	ug/l	92
20) Diisopropyl ether	5.844	45	69	3.627	ug/l #	87
21) 1,1-Dichloroethane	5.650	63	8619	969.722	ug/l #	94
22) cis-1,2-Dichloroethene	6.649	96	4740	980.090	ug/l #	17
23) tert-Butyl Alcohol	4.692	59	57	33.957	ug/l #	1
24) Methyl tert-Butyl Ether	4.945	73	134	7.094	ug/l #	54
25) Chloroform	7.213	83	7978	981.262	ug/l	100
26) Cyclohexane	7.624	56	8099	1552.795	ug/l #	11
29) 1,1-Dichloropropene	7.659	75	4553	2.627	ug/l	77
30) 2-Butanone	6.649	43	31240	14.624	ug/l	99
31) 2,2-Dichloropropane	6.631	77	4191	1.652	ug/l	98
32) 1,1,1-Trichloroethane	7.418	97	5794	2.654	ug/l #	79
33) Carbon Tetrachloride	7.648	117	3568	2.550	ug/l #	96
34) Benzene	7.930	78	17429	2.714	ug/l #	1
35) Methacrylonitrile	7.001	41	3730	2.051	ug/l	94
36) 1,2-Dichloroethane	8.024	62	5941	2.496	ug/l	97
37) Trichloroethene	8.799	130	3097	2.622	ug/l	88
38) Methylcyclohexane	9.075	83	4910	2.813	ug/l	95
39) 1,2-Dichloropropane	9.122	63	4249	2.527	ug/l	96
40) Dibromomethane	9.222	93	2442	2.355	ug/l #	68
41) Bromodichloromethane	10.744	83	3354	2.518	ug/l #	92
42) Vinyl Acetate	5.691	43	66509	12.690	ug/l	99
43) Ethyl Acetate	6.807	43	281	0.080	ug/l #	1

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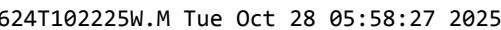
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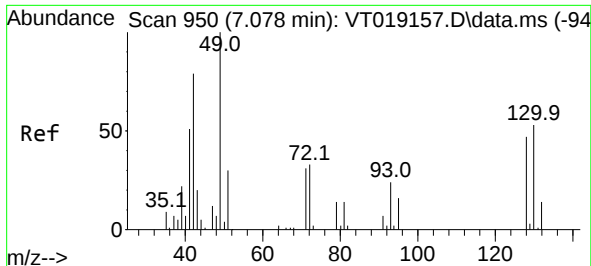
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.076	43	13477	2.439	ug/l	95
45) 1,4-Dioxane	9.222	88	2062	43.006	ug/l #	73
46) Methyl methacrylate	9.222	41	5738	2.322	ug/l	92
47) n-amyl Acetate	12.454	43	8852	2.380	ug/l	99
48) t-1,3-Dichloropropene	10.538	75	5813	2.405	ug/l	92
49) cis-1,3-Dichloropropene	9.921	75	6181	2.435	ug/l	96
50) 1,1,2-Trichloroethane	10.744	97	3833	2.513	ug/l #	78
51) Ethyl methacrylate	10.597	69	6687	2.340	ug/l	96
52) 1,3-Dichloropropane	10.908	76	7064	2.593	ug/l	96
53) Dibromochloromethane	11.126	129	3600	2.531	ug/l #	1
54) 1,2-Dibromoethane	11.255	107	3412	2.405	ug/l	96
55) 2-Chloroethyl vinyl ether	9.763	63	11211	13.449	ug/l	94
56) Bromoform	12.530	173	2265	2.422	ug/l #	29
58) 4-Methyl-2-Pentanone	10.092	43	38669	11.647	ug/l	96
59) 2-Hexanone	10.150	43	123	0.037	ug/l #	28
61) Tetrachloroethene	10.826	164	2554	2.980	ug/l #	83
62) Toluene	10.280	91	16197	2.667	ug/l	97
64) Chlorobenzene	11.737	112	9861	2.659	ug/l #	87
65) 1,1,1,2-Tetrachloroethane	11.819	131	3213	2.659	ug/l	92
66) Ethyl Benzene	11.825	91	17323	2.625	ug/l	99
67) m/p-Xylenes	11.954	106	12774	5.207	ug/l	100
68) o-Xylene	12.324	106	6602	2.607	ug/l	90
69) Styrene	12.342	104	10939	2.406	ug/l	97
70) Isopropylbenzene	12.671	105	16635	2.678	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.959	83	6197	2.543	ug/l #	27
72) 1,2,3-Trichloropropane	13.012	75	6690	3.719	ug/l #	1
73) Bromobenzene	12.983	156	3763	2.576	ug/l	50
74) n-propylbenzene	13.059	91	20182	2.695	ug/l	98
75) 2-Chlorotoluene	13.265	91	12277	2.678	ug/l	97
76) 1,3,5-Trimethylbenzene	13.212	105	13800	2.708	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	2035	2.328	ug/l	84
78) 4-Chlorotoluene	13.212	91	1555	0.344	ug/l	53
79) tert-butylbenzene	13.564	119	3075	0.679	ug/l	71
80) 1,2,4-Trimethylbenzene	13.564	105	13830	2.601	ug/l	97
81) sec-Butylbenzene	13.711	105	18025	2.764	ug/l	97
82) p-Isopropyltoluene	13.846	119	14474	2.668	ug/l	97
83) 1,3-Dichlorobenzene	13.934	146	7726	2.697	ug/l	96
84) 1,4-Dichlorobenzene	13.934	146	7726	2.679	ug/l	97
85) n-Butylbenzene	14.216	91	12805	2.579	ug/l	99
86) Hexachloroethane	14.528	117	2060	2.833	ug/l #	1
87) 1,2-Dichlorobenzene	14.263	146	7842	2.740	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.968	75	1062	1.983	ug/l #	87
89) 1,2,4-Trichlorobenzene	15.750	180	5004	2.872	ug/l #	86
90) Hexachlorobutadiene	15.885	225	1543	2.671	ug/l	93
91) Naphthalene	16.038	128	17927	2.662	ug/l #	94
92) 1,2,3-Trichlorobenzene	16.267	180	4775	2.716	ug/l	90

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

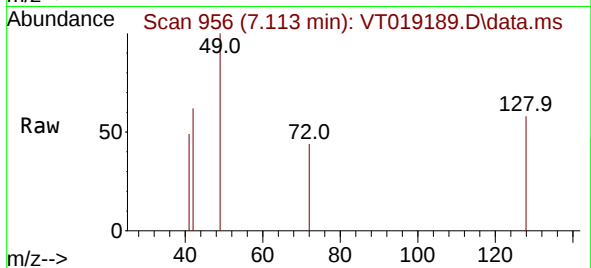
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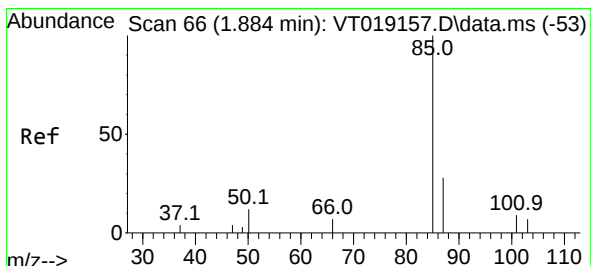
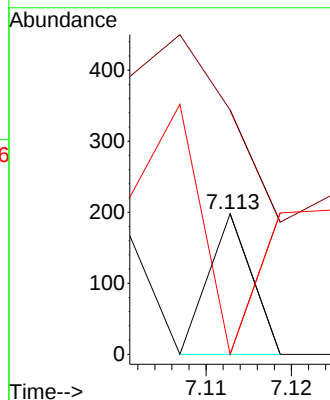
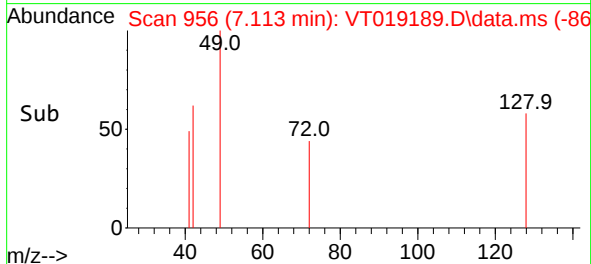


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.113 min Scan# 91
Delta R.T. 0.035 min
Lab File: VT019189.D
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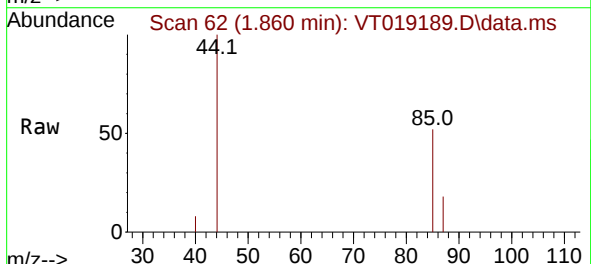
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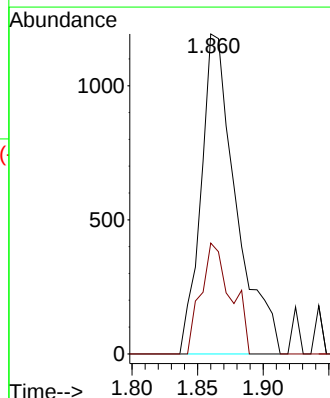
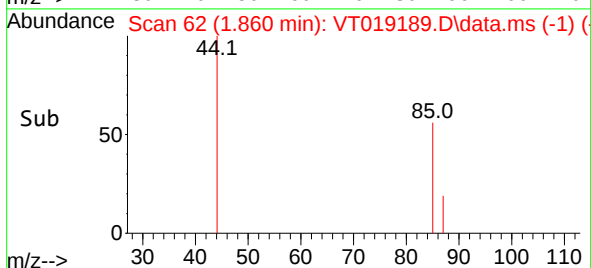
Tgt Ion:128 Resp: 70
Ion Ratio Lower Upper
128 100
49 0.0 0.0 0.0
130 177.1 0.0 0.0#

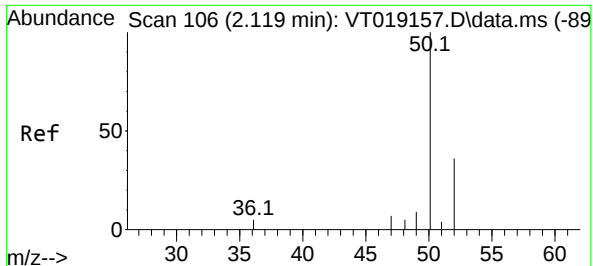


#2
Dichlorodifluoromethane
Concen: 1156.109 ug/l
RT: 1.860 min Scan# 62
Delta R.T. -0.018 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31



Tgt Ion: 85 Resp: 2221
Ion Ratio Lower Upper
85 100
87 34.6 16.4 49.1

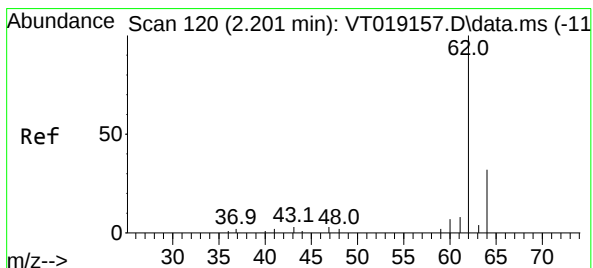
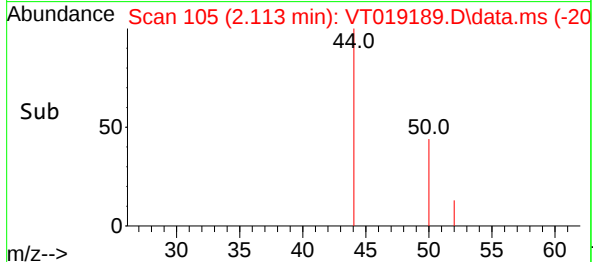
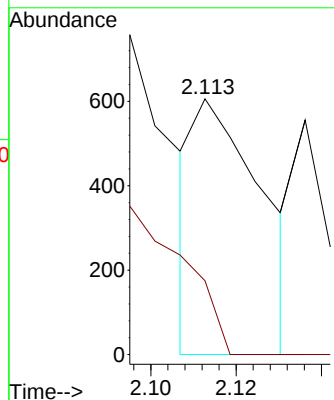
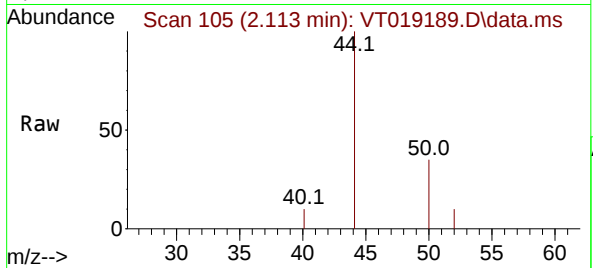




#3
Chloromethane
Concen: 149.443 ug/l
RT: 2.113 min Scan# 10
Delta R.T. -0.000 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

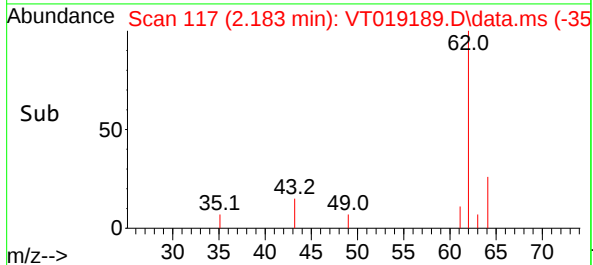
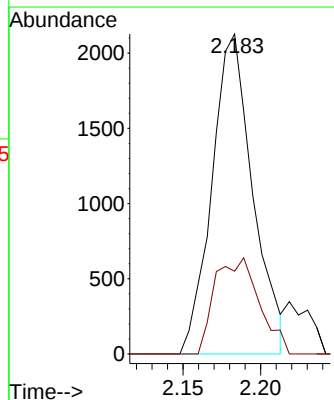
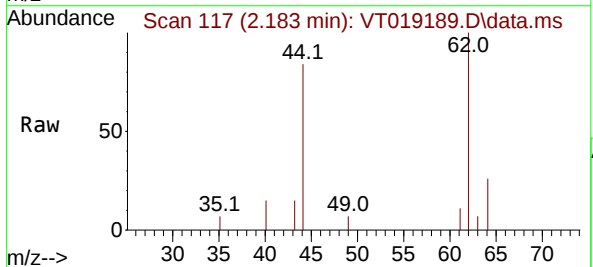
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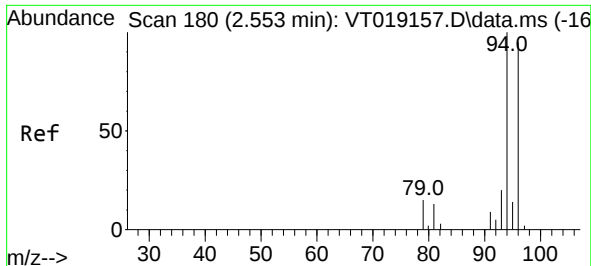
Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 64.8 24.4 36.6#



#4
Vinyl Chloride
Concen: 791.356 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 62 Resp: 3900
Ion Ratio Lower Upper
62 100
64 25.8 25.7 38.5

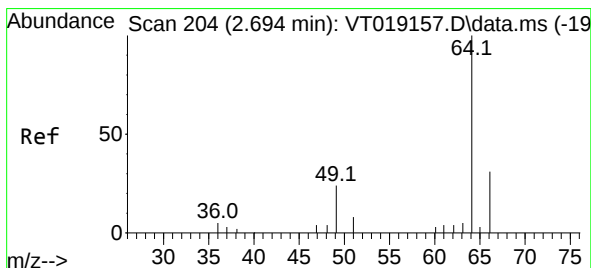
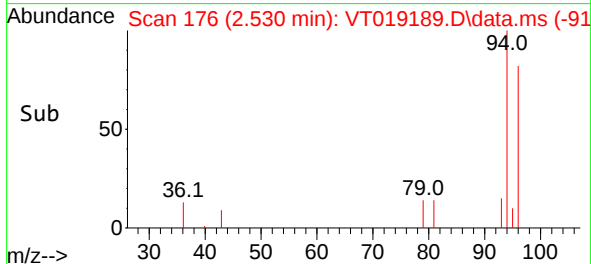
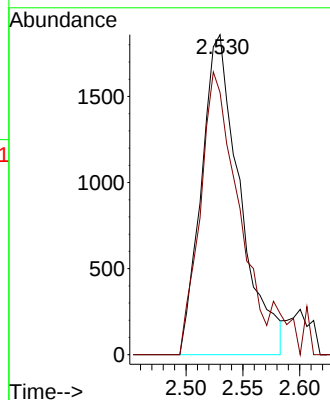
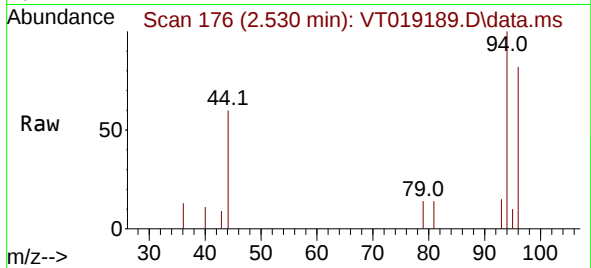




#5
Bromomethane
Concen: 1068.703 ug/l
RT: 2.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

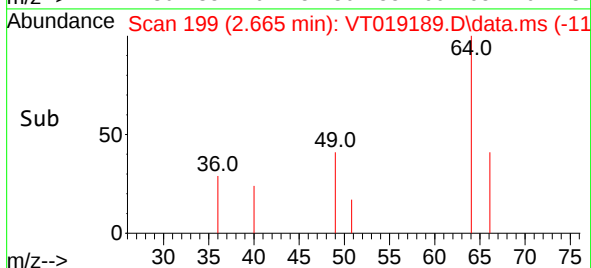
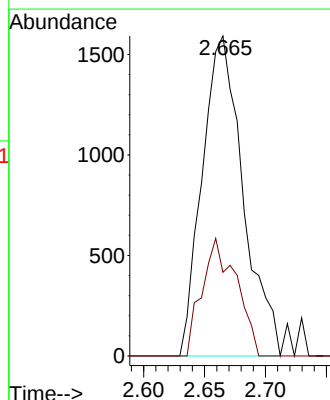
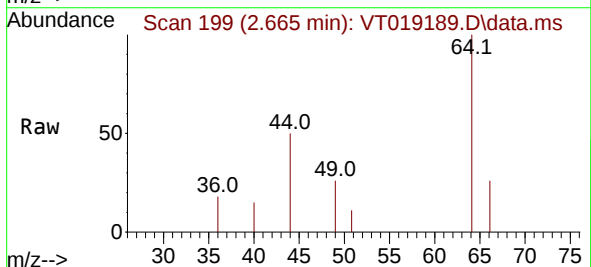
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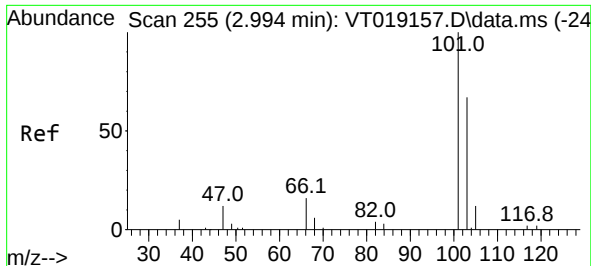
Tgt Ion: 94 Resp: 4374
Ion Ratio Lower Upper
94 100
96 81.9 66.0 99.0



#6
Chloroethane
Concen: 854.283 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 64 Resp: 3713
Ion Ratio Lower Upper
64 100
66 26.1 24.3 36.5

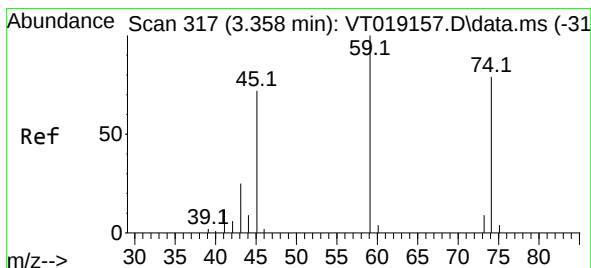
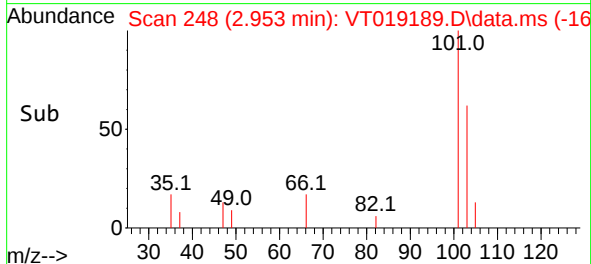
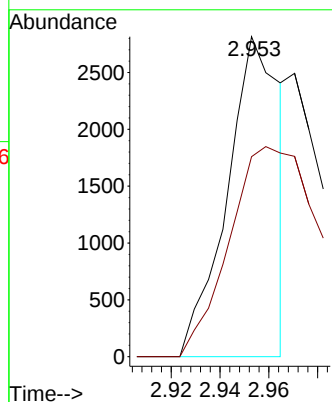
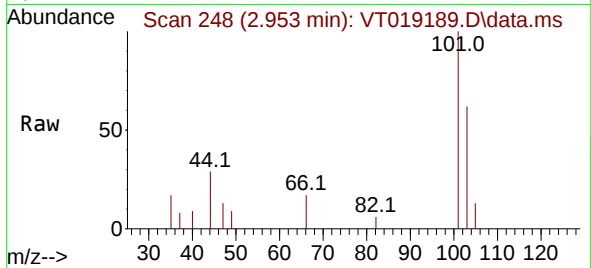




#7
Trichlorofluoromethane
Concen: 530.011 ug/l
RT: 2.953 min Scan# 248
Delta R.T. -0.029 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

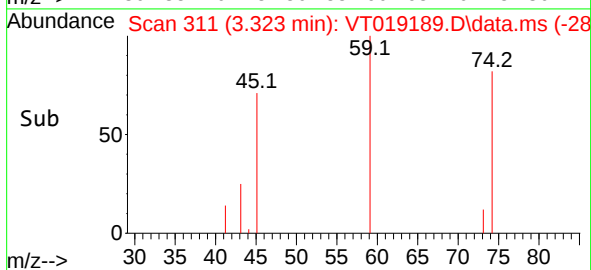
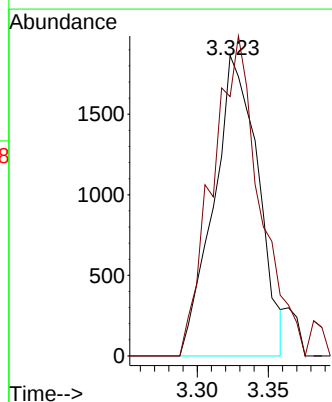
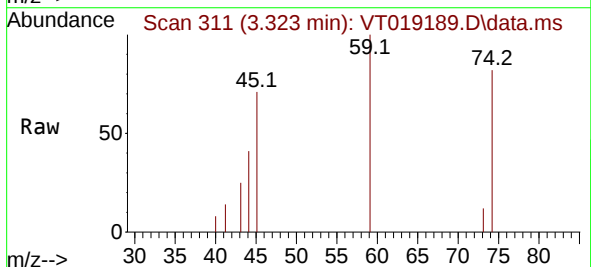
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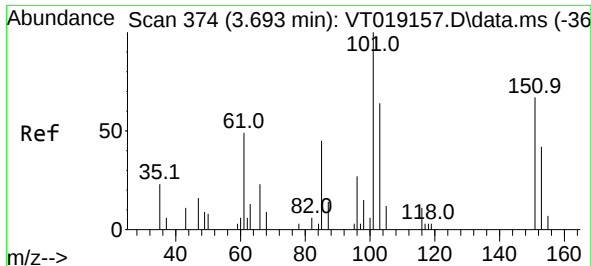
Tgt Ion:101 Resp: 4236
Ion Ratio Lower Upper
101 100
103 62.5 52.4 78.6



#8
Diethyl Ether
Concen: 822.409 ug/l
RT: 3.323 min Scan# 311
Delta R.T. -0.035 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 74 Resp: 4047
Ion Ratio Lower Upper
74 100
45 114.4 22.0 197.6

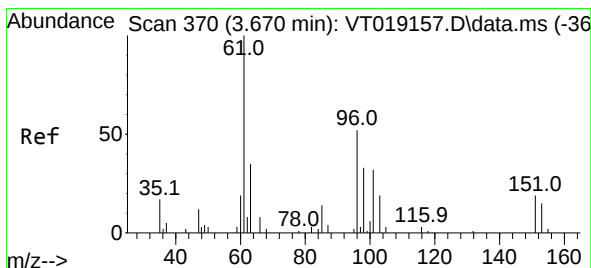
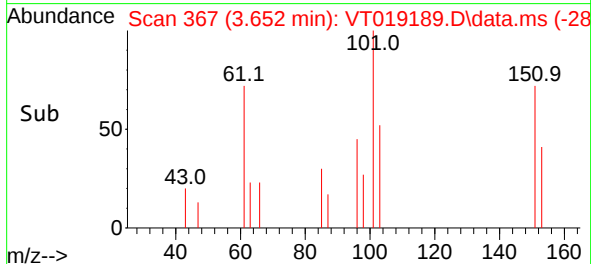
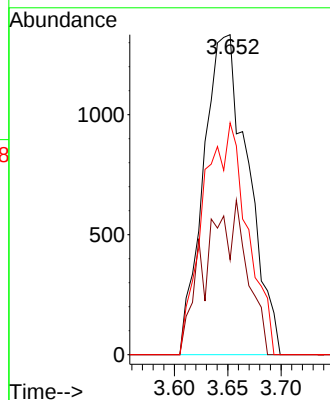
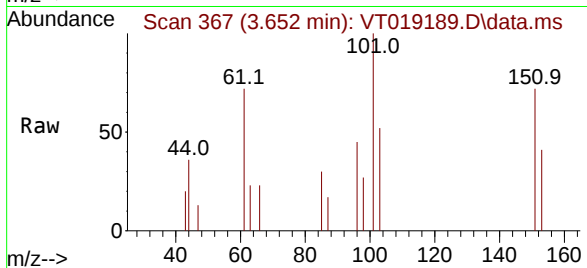




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1236.816 ug/l
RT: 3.652 min Scan# 30
Delta R.T. -0.030 min
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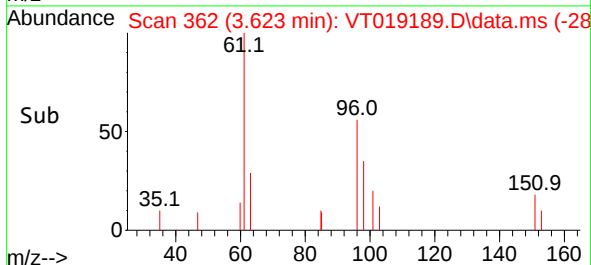
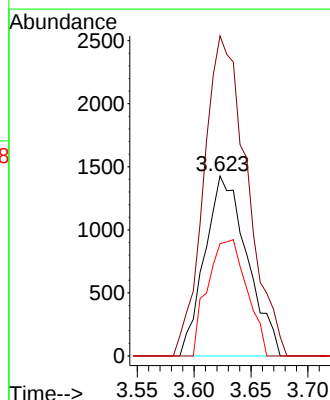
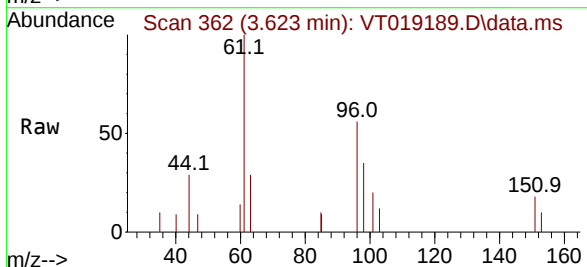
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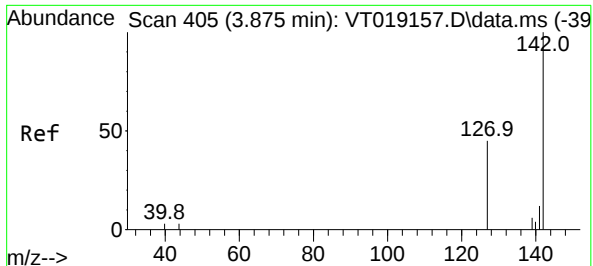
Tgt Ion:101 Resp: 3881
Ion Ratio Lower Upper
101 100
85 16.6 0.0 91.8
151 0.0 0.0 137.2



#10
1,1-Dichloroethene
Concen: 1174.830 ug/l
RT: 3.623 min Scan# 362
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 96 Resp: 3693
Ion Ratio Lower Upper
96 100
61 167.1 145.5 218.3
98 62.4 49.5 74.3

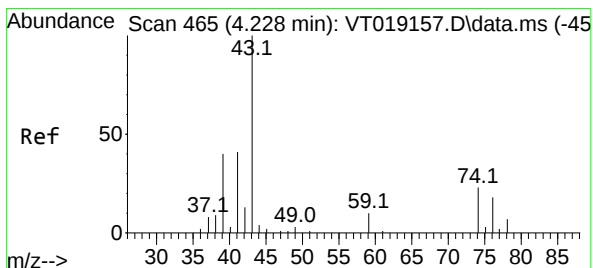
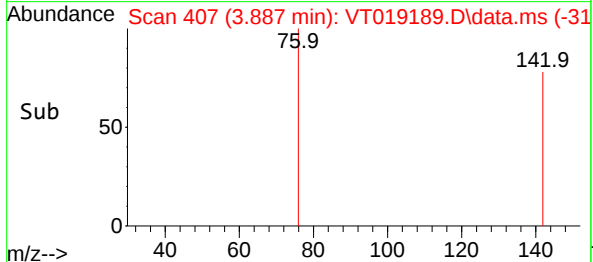
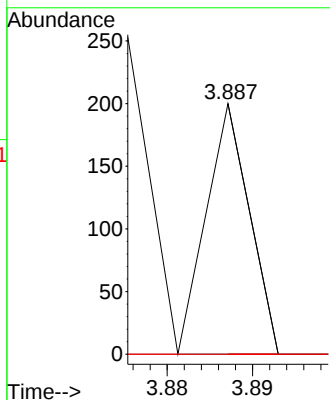
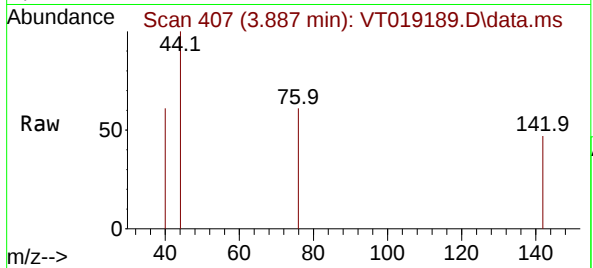




#11
Methyl Iodide
Concen: 23.178 ug/l
RT: 3.887 min Scan# 405
Delta R.T. 0.017 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

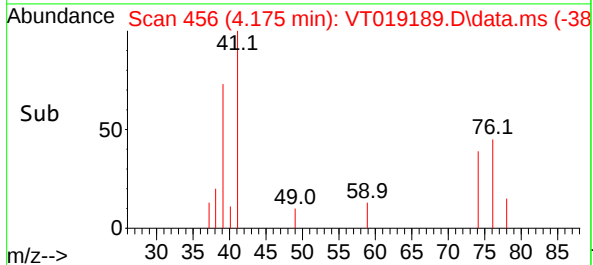
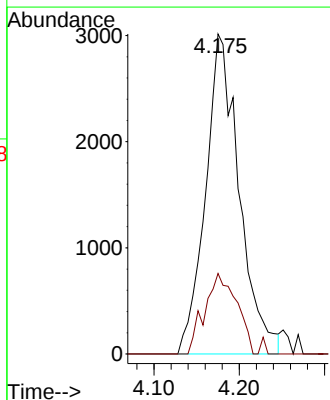
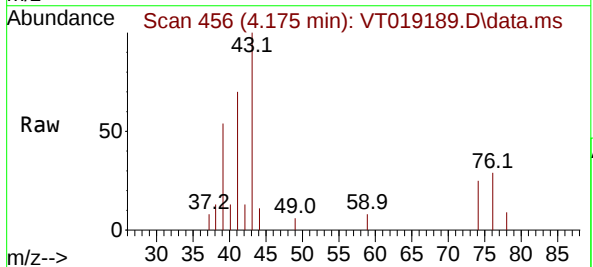
Instrument :
MSVOA_T
ClientSampleId :
MDL07

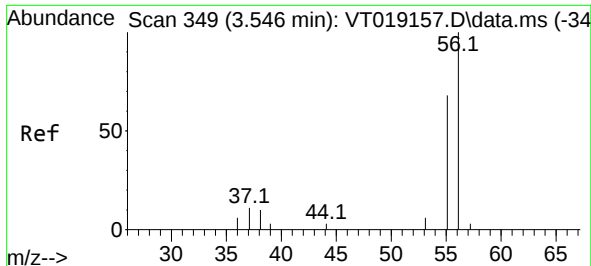
Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 0.9 2.8#
141 0.0 55.5 166.5#



#12
Methyl Acetate
Concen: 664.260 ug/l
RT: 4.175 min Scan# 456
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 43 Resp: 8257
Ion Ratio Lower Upper
43 100
74 26.0 18.4 27.6

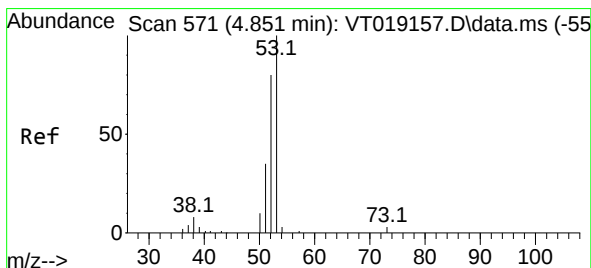
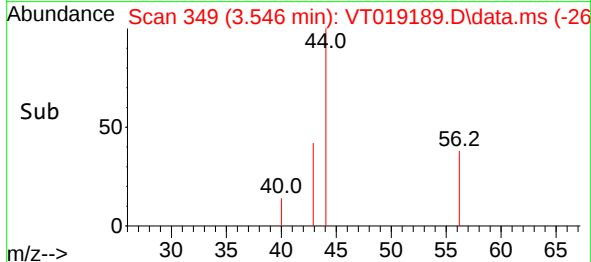
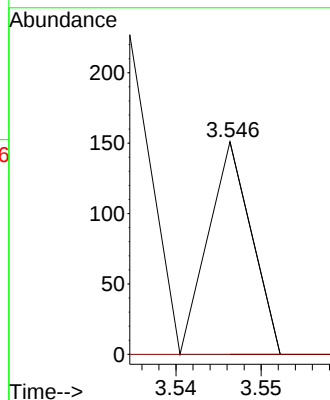
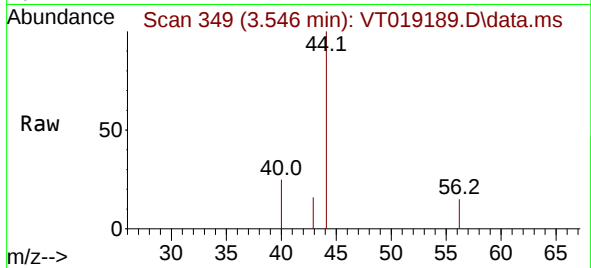




#13
Acrolein
Concen: 126.422 ug/l
RT: 3.546 min Scan# 349
Delta R.T. 0.000 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

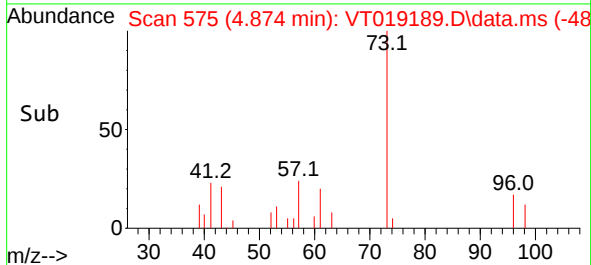
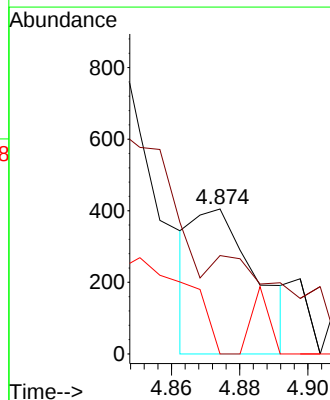
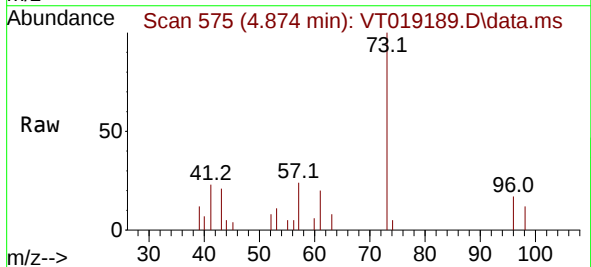
Instrument :
MSVOA_T
ClientSampleId :
MDL07

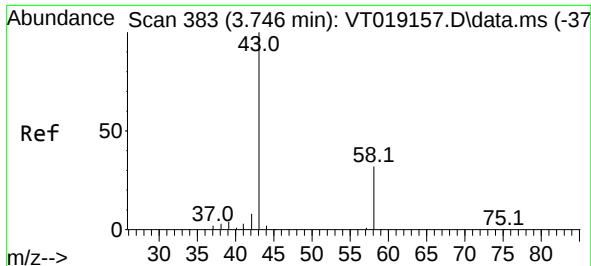
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#



#14
Acrylonitrile
Concen: 134.938 ug/l
RT: 4.874 min Scan# 575
Delta R.T. 0.023 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 53 Resp: 517
Ion Ratio Lower Upper
53 100
52 21.5 41.3 123.7#
51 0.0 17.2 51.5#

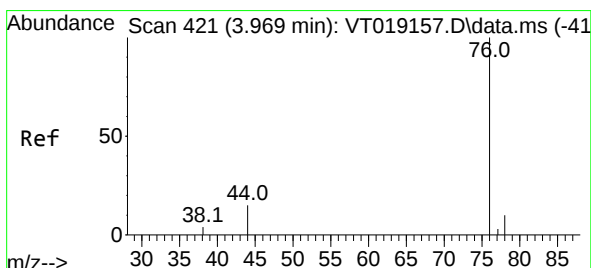
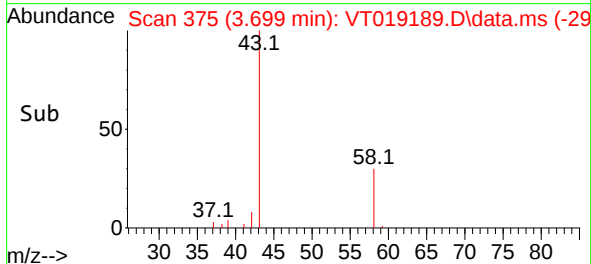
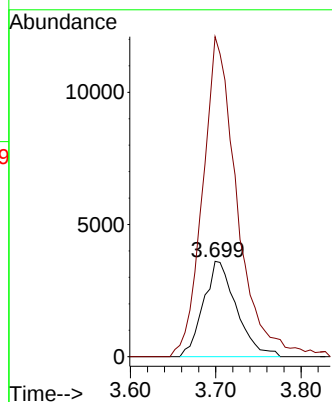
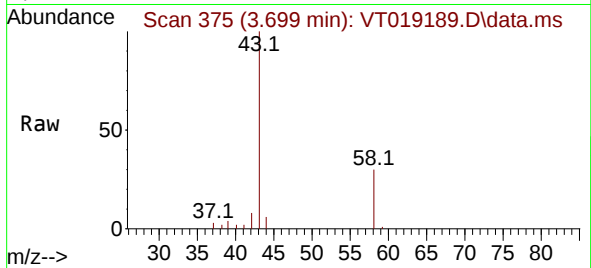




#15
Acetone
Concen: 7088.292 ug/l
RT: 3.699 min Scan# 31
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

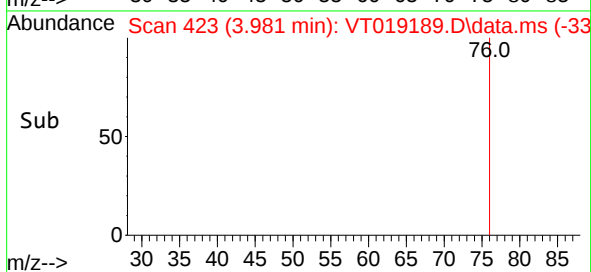
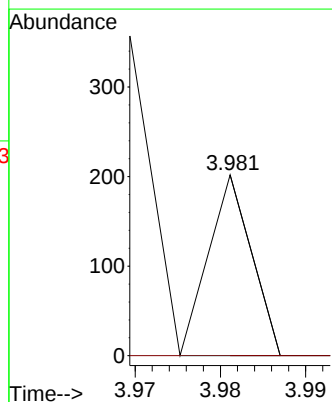
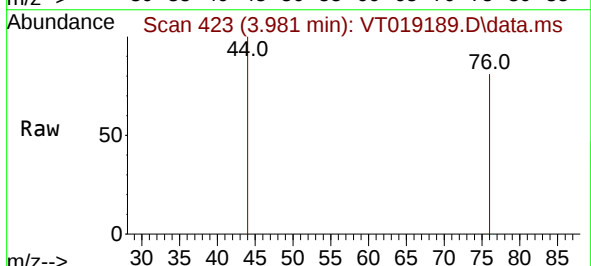
Instrument :
MSVOA_T
ClientSampleId :
MDL07

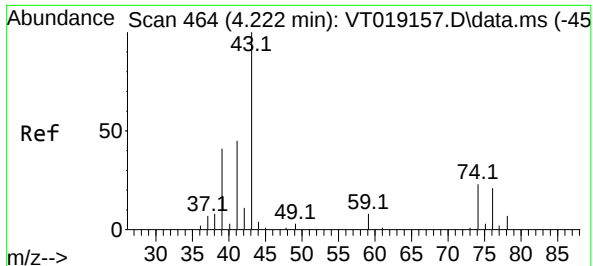
Tgt Ion: 58 Resp: 9676
Ion Ratio Lower Upper
58 100
43 323.8 266.9 400.3



#16
Carbon Disulfide
Concen: 12.093 ug/l
RT: 3.981 min Scan# 423
Delta R.T. 0.017 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 76 Resp: 71
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#17

Allyl chloride

Concen: 1003.308 ug/l

RT: 4.169 min Scan# 41

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

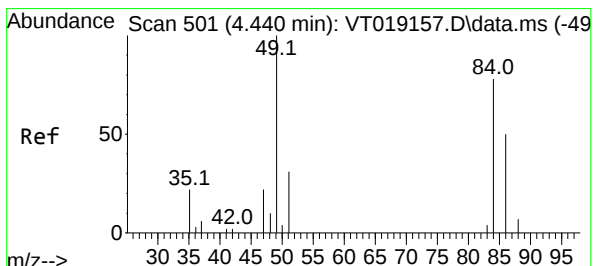
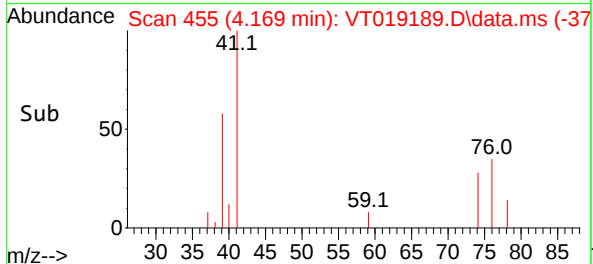
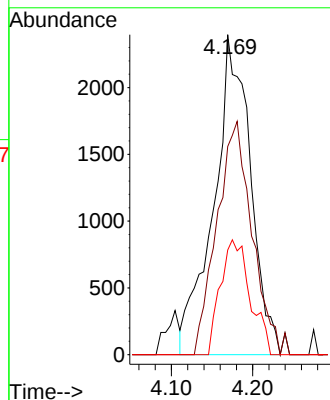
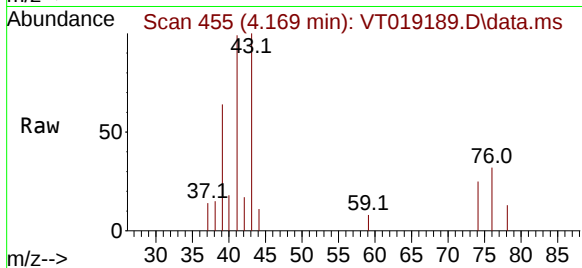
Tgt Ion: 41 Resp: 7497

Ion Ratio Lower Upper

41 100

39 65.0 34.3 102.8

76 32.7 16.7 50.0



#18

Methylene Chloride

Concen: 1301.755 ug/l

RT: 4.387 min Scan# 492

Delta R.T. -0.041 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Tgt Ion: 84 Resp: 6103

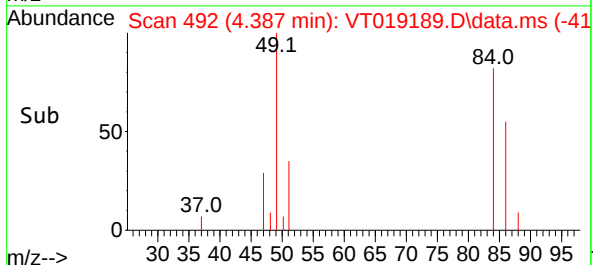
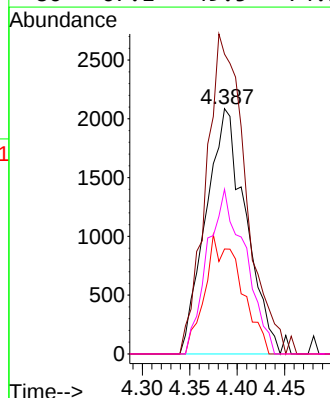
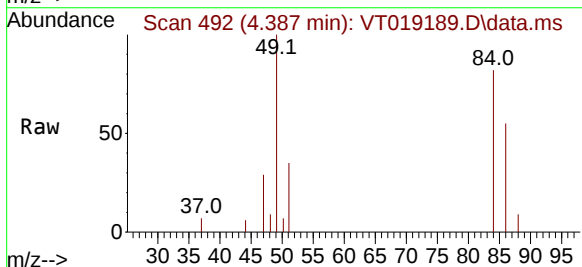
Ion Ratio Lower Upper

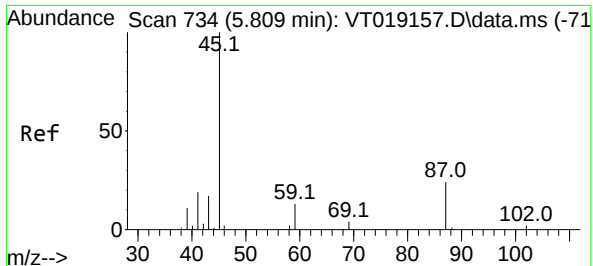
84 100

49 122.3 107.9 161.9

51 42.8 33.4 50.2

86 67.1 49.5 74.3

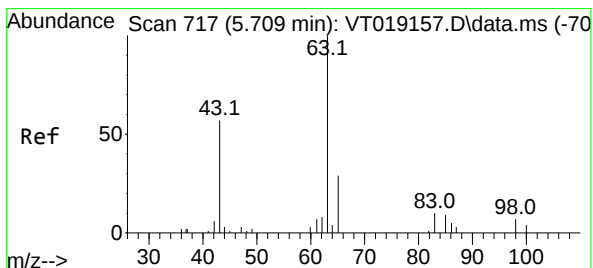
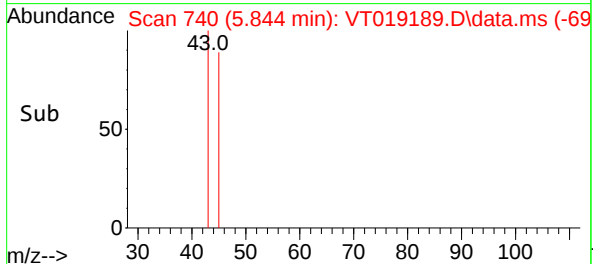
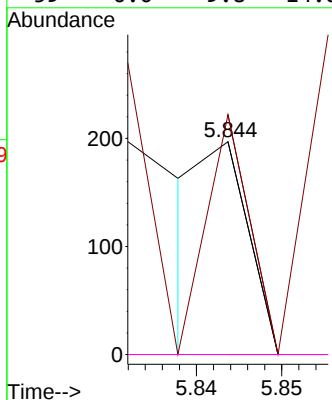
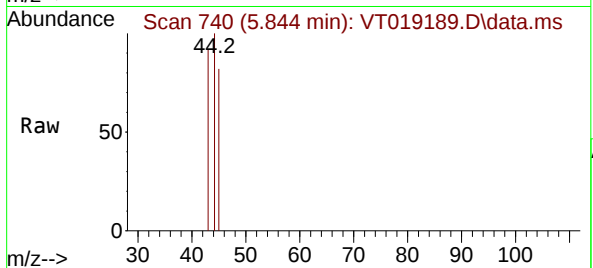




#20
Diisopropyl ether
Concen: 3.627 ug/l
RT: 5.844 min Scan# 740
Delta R.T. 0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

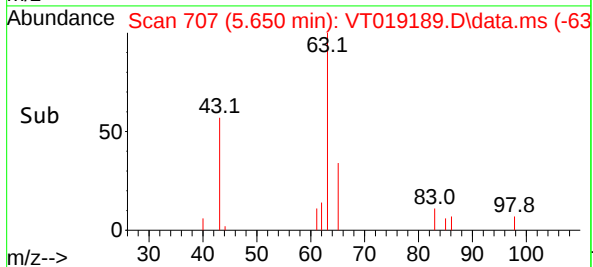
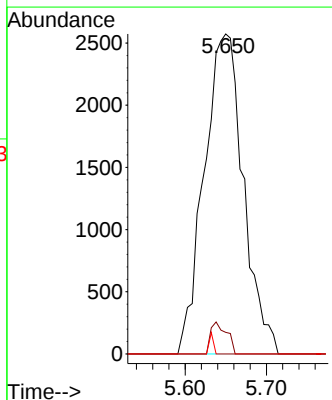
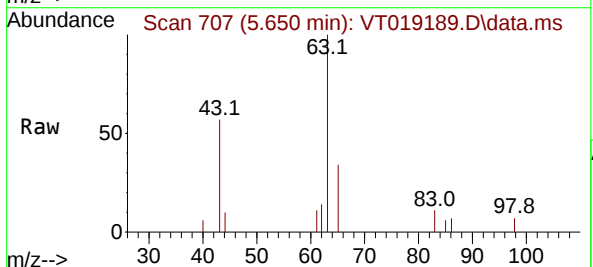
Instrument :
MSVOA_T
ClientSampleId :
MDL07

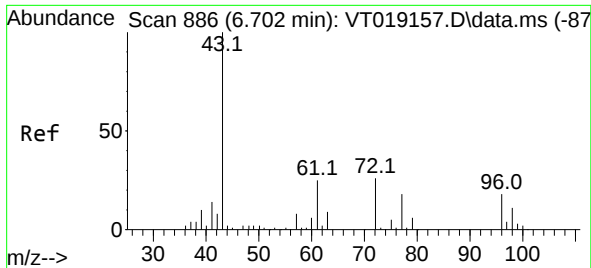
Tgt Ion:	45	Resp:	69
Ion	Ratio	Lower	Upper
45	100		
43	112.7	89.1	133.7
87	0.0	21.3	31.9#
59	0.0	9.8	14.8#



#21
1,1-Dichloroethane
Concen: 969.722 ug/l
RT: 5.650 min Scan# 707
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:	63	Resp:	8619
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.5
100	0.0	2.2	6.6#

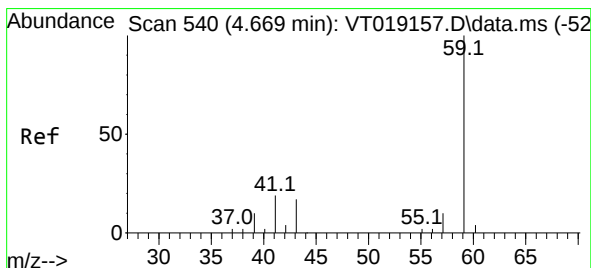
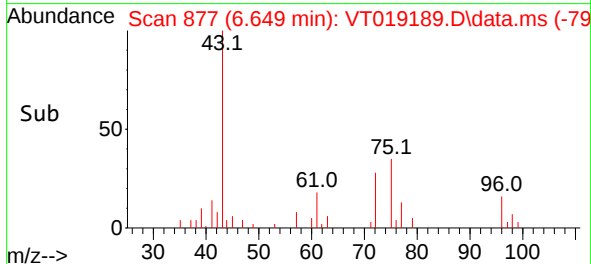
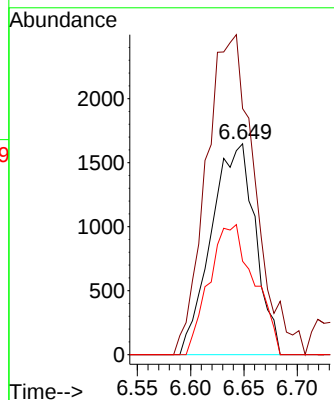
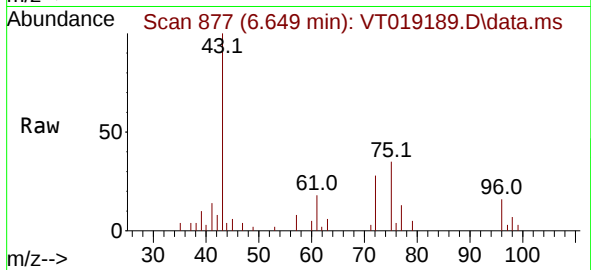




#22
 cis-1,2-Dichloroethene
 Concen: 980.090 ug/l
 RT: 6.649 min Scan# 81
 Delta R.T. -0.041 min
 Lab File: VT019189.D
 Acq: 27 Oct 2025 10:31

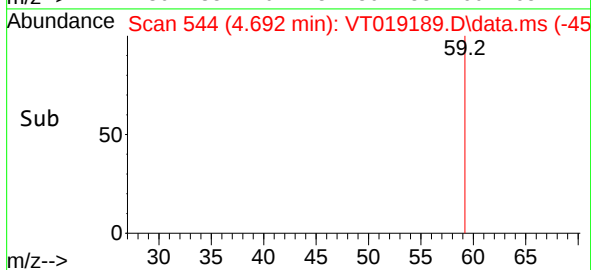
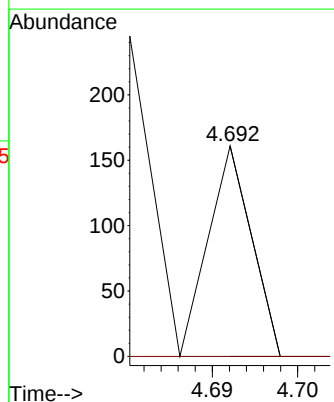
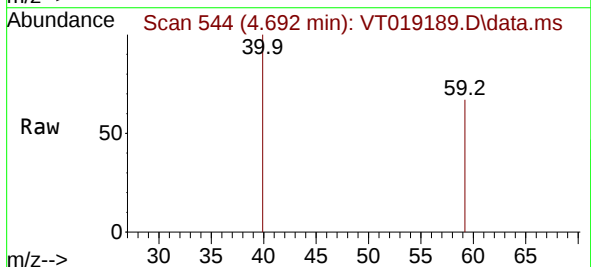
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

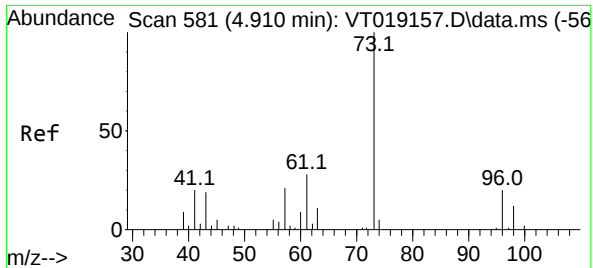
Tgt Ion: 96 Resp: 4740
 Ion Ratio Lower Upper
 96 100
 61 1.4 120.0 180.0#
 98 62.9 52.8 79.2



#23
 tert-Butyl Alcohol
 Concen: 33.957 ug/l
 RT: 4.692 min Scan# 544
 Delta R.T. 0.017 min
 Lab File: VT019189.D
 Acq: 27 Oct 2025 10:31

Tgt Ion: 59 Resp: 57
 Ion Ratio Lower Upper
 59 100
 52 11029.8 0.2 0.2#

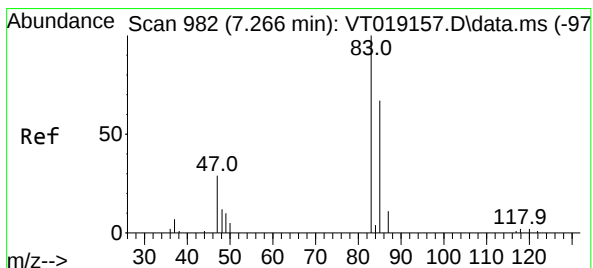
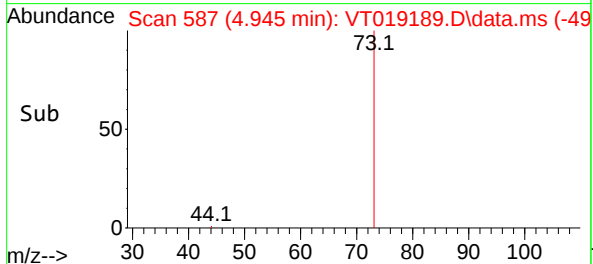
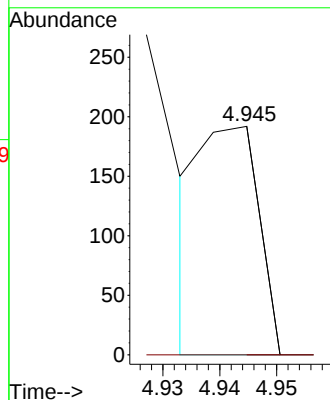
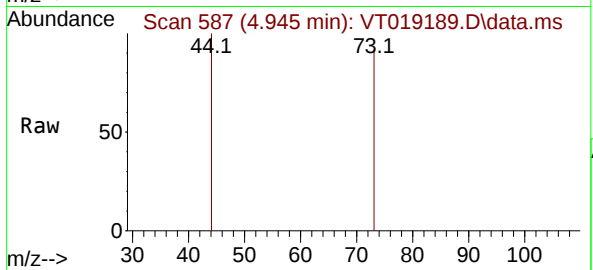




#24
Methyl tert-Butyl Ether
Concen: 7.094 ug/l
RT: 4.945 min Scan# 51
Delta R.T. 0.024 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

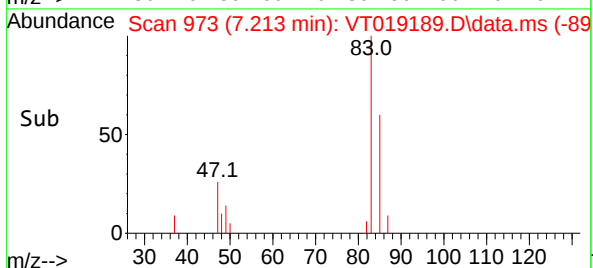
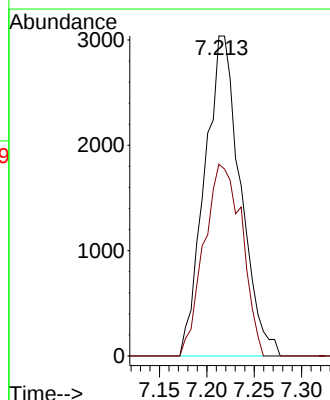
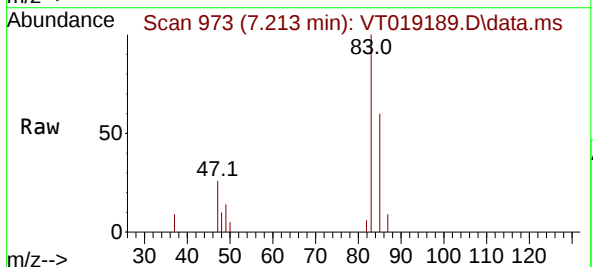
Instrument :
MSVOA_T
ClientSampleId :
MDL07

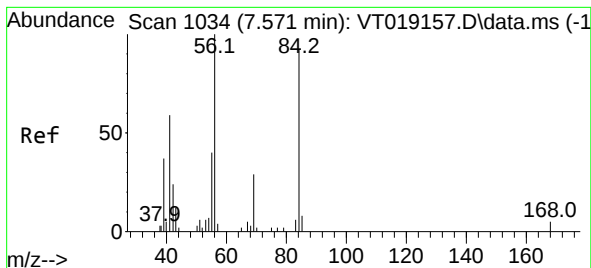
Tgt Ion: 73 Resp: 134
Ion Ratio Lower Upper
73 100
43 42.5 16.9 25.3#



#25
Chloroform
Concen: 981.262 ug/l
RT: 7.213 min Scan# 973
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 83 Resp: 7978
Ion Ratio Lower Upper
83 100
85 59.9 48.0 72.0





#26

Cyclohexane

Concen: 1552.795 ug/l

RT: 7.624 min Scan# 1093

Delta R.T. 0.059 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

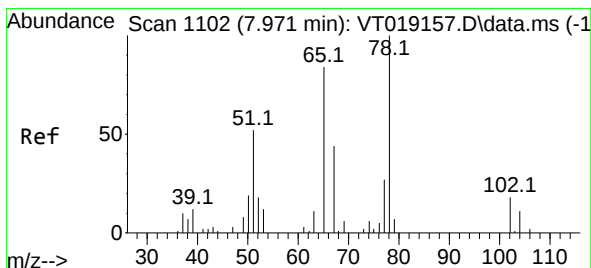
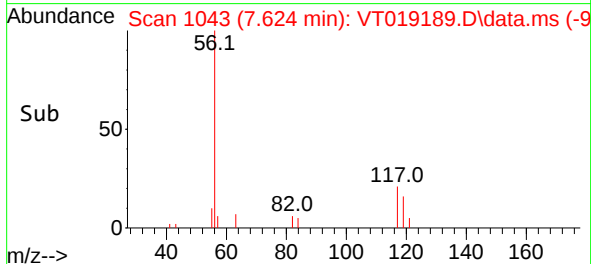
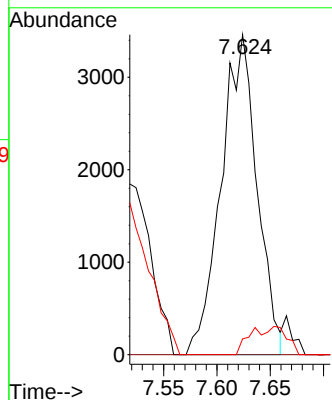
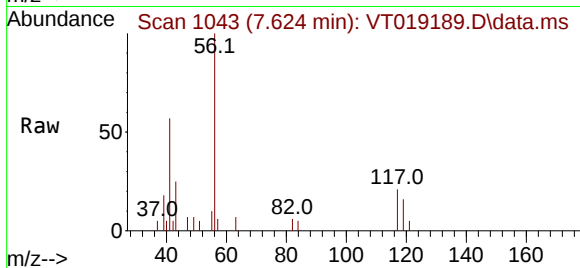
Tgt Ion: 56 Resp: 8099

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 3.8 67.9 101.9#



#27

1,2-Dichloroethane-d4

Concen: 10839.024 ug/l

RT: 7.918 min Scan# 1093

Delta R.T. -0.053 min

Lab File: VT019189.D

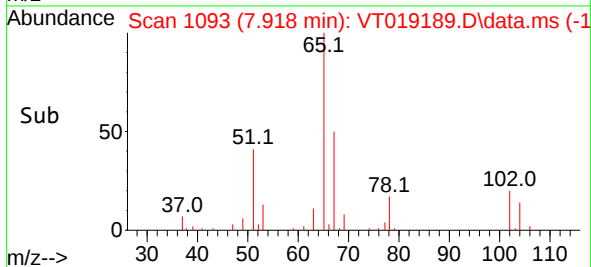
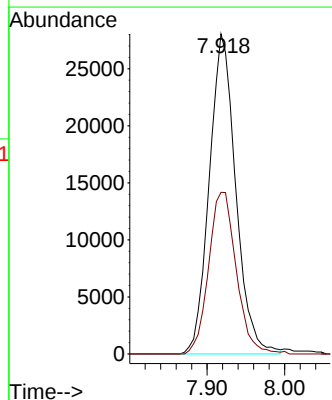
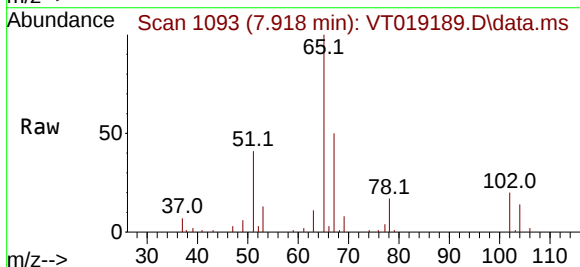
Acq: 27 Oct 2025 10:31

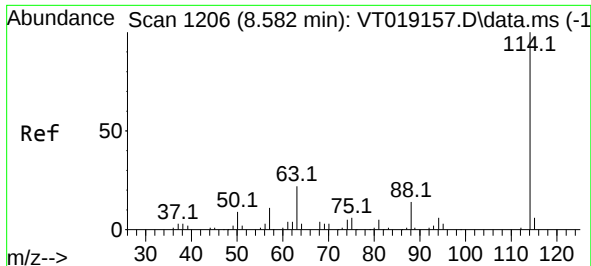
Tgt Ion: 65 Resp: 66473

Ion Ratio Lower Upper

65 100

67 52.7 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

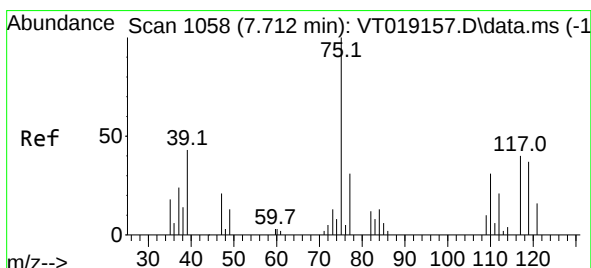
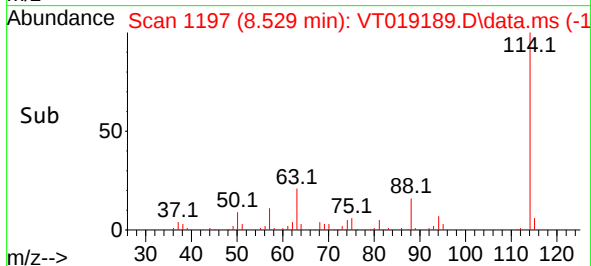
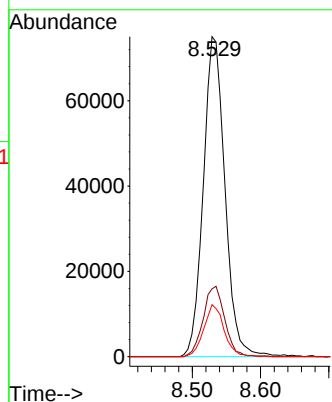
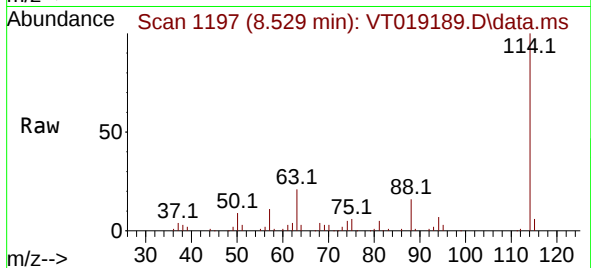
Tgt Ion:114 Resp: 165626

Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.0

88 15.1 13.0 19.6



#29

1,1-Dichloropropene

Concen: 2.627 ug/l

RT: 7.659 min Scan# 1049

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

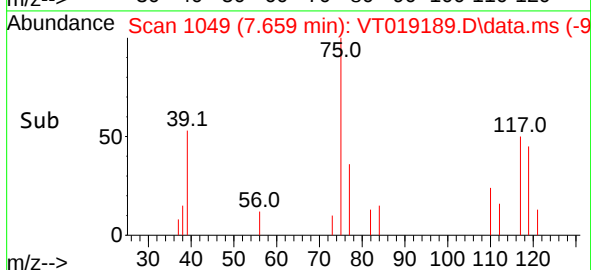
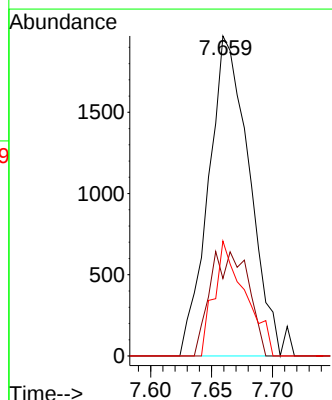
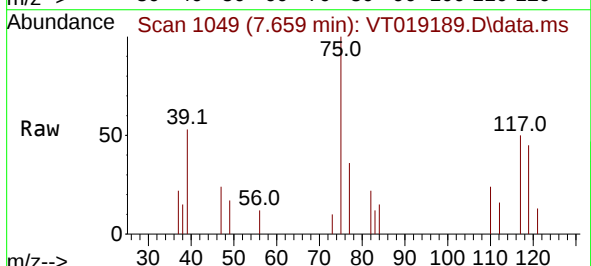
Tgt Ion: 75 Resp: 4553

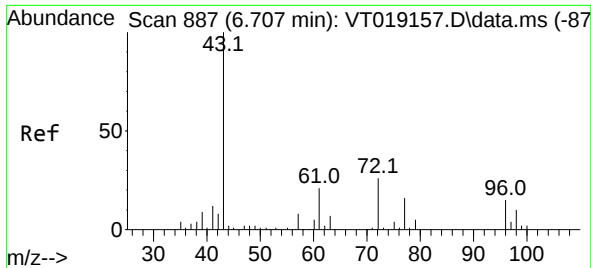
Ion Ratio Lower Upper

75 100

110 13.0 0.0 70.8

77 27.5 0.0 61.6

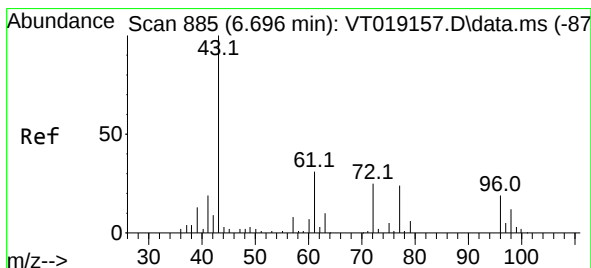
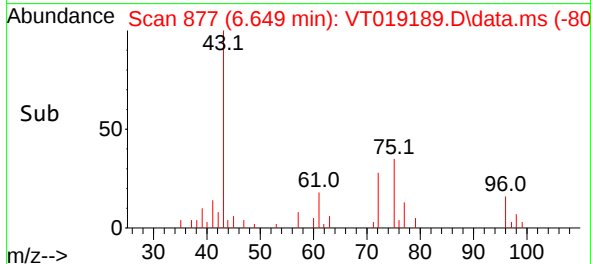
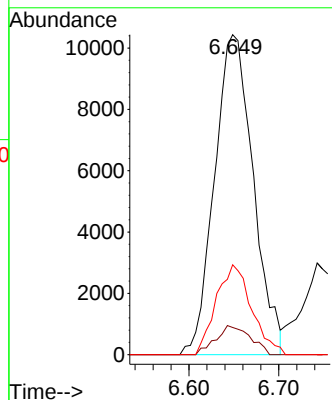
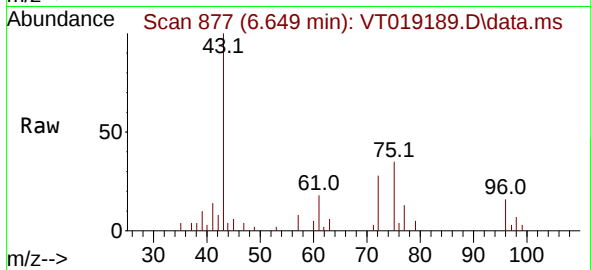




#30
2-Butanone
Concen: 14.624 ug/l
RT: 6.649 min Scan# 81
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

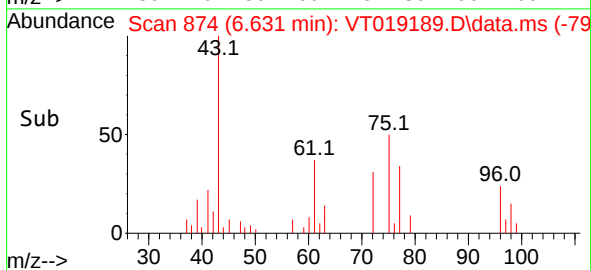
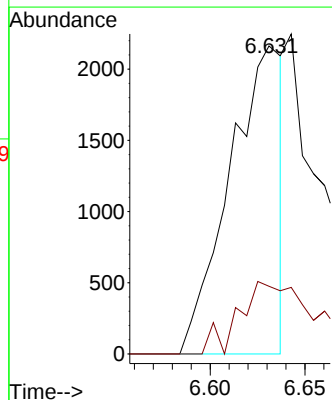
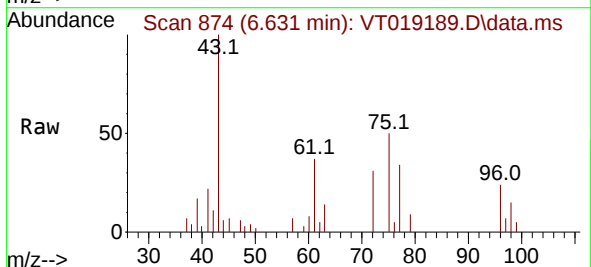
Instrument :
MSVOA_T
ClientSampleId :
MDL07

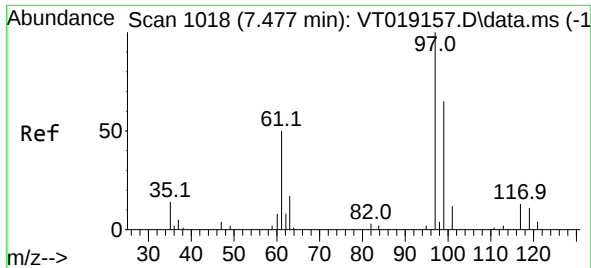
Tgt Ion: 43 Resp: 31240
Ion Ratio Lower Upper
43 100
57 8.1 5.9 8.9
72 25.7 20.2 30.2



#31
2,2-Dichloropropane
Concen: 1.652 ug/l
RT: 6.631 min Scan# 874
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 77 Resp: 4191
Ion Ratio Lower Upper
77 100
97 17.0 14.5 21.7

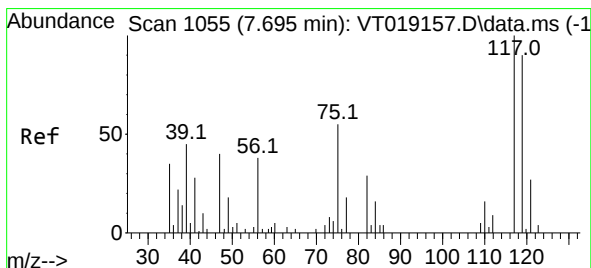
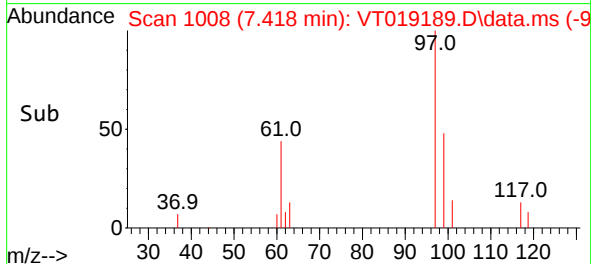
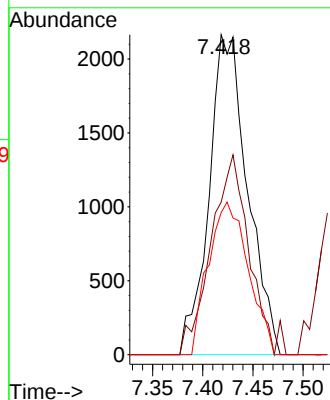
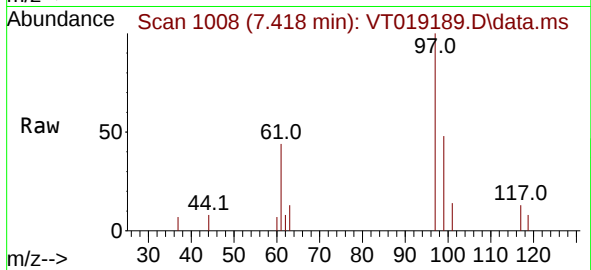




#32
1,1,1-Trichloroethane
Concen: 2.654 ug/l
RT: 7.418 min Scan# 1008
Delta R.T. -0.059 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

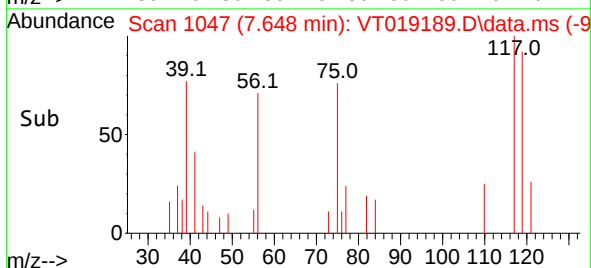
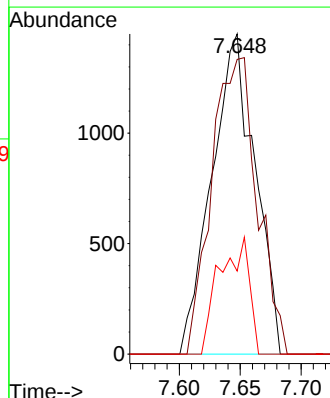
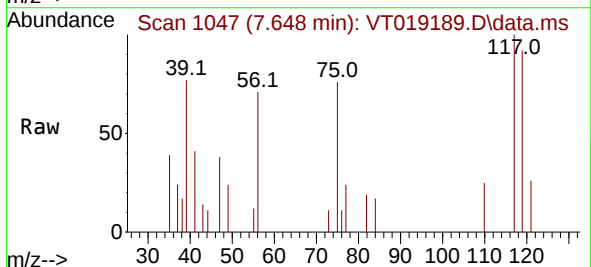
Instrument :
MSVOA_T
ClientSampleId :
MDL07

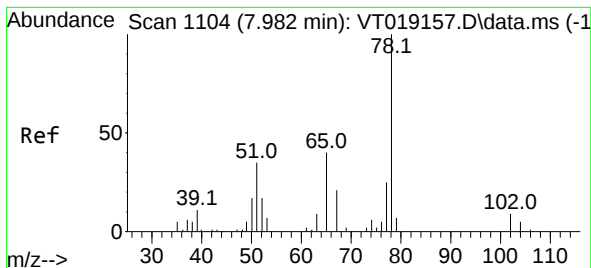
Tgt Ion: 97 Resp: 5794
Ion Ratio Lower Upper
97 100
99 60.5 30.0 45.0#
61 49.4 36.1 54.1



#33
Carbon Tetrachloride
Concen: 2.550 ug/l
RT: 7.648 min Scan# 1047
Delta R.T. -0.048 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 117 Resp: 3568
Ion Ratio Lower Upper
117 100
119 92.1 76.5 114.7
121 25.9 0.5 0.7#





#34

Benzene

Concen: 2.714 ug/l

RT: 7.930 min Scan# 1

Delta R.T. -0.052 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

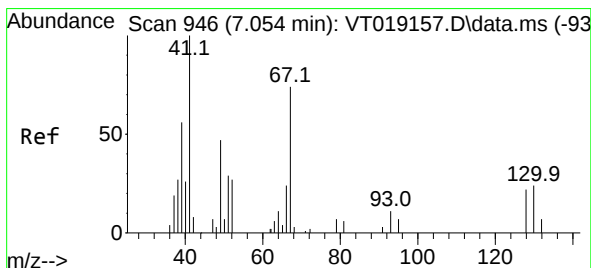
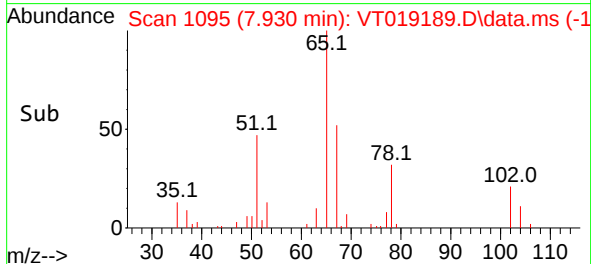
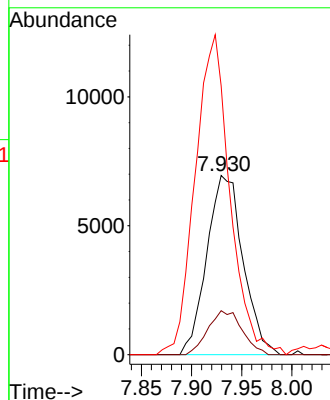
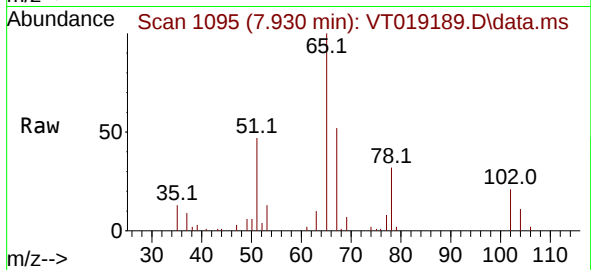
Tgt Ion: 78 Resp: 17429

Ion Ratio Lower Upper

78 100

77 24.6 17.6 26.4

51 146.1 13.8 20.6#



#35

Methacrylonitrile

Concen: 2.051 ug/l

RT: 7.001 min Scan# 937

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Tgt Ion: 41 Resp: 3730

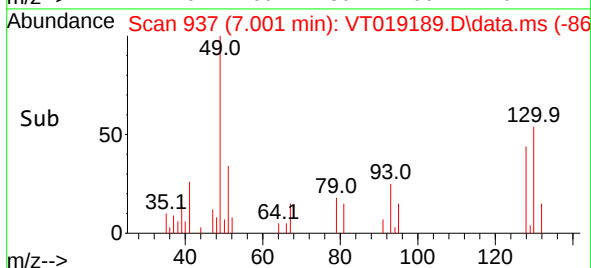
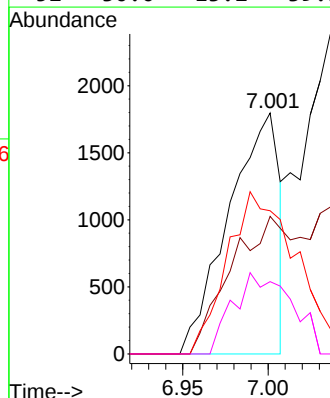
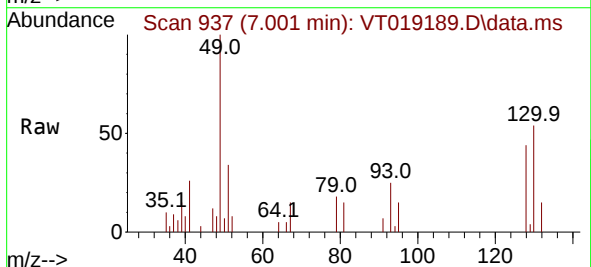
Ion Ratio Lower Upper

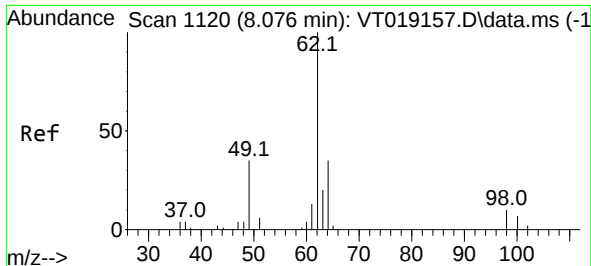
41 100

39 57.1 26.2 78.5

67 59.4 31.4 94.3

52 30.0 13.2 39.5

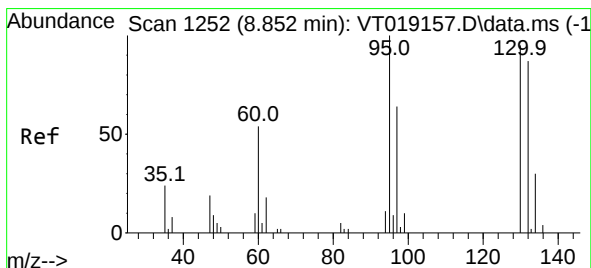
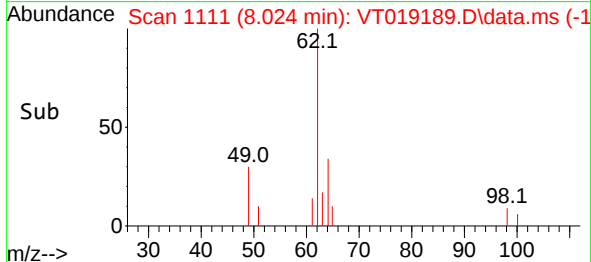
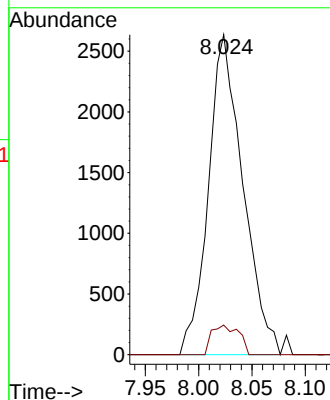
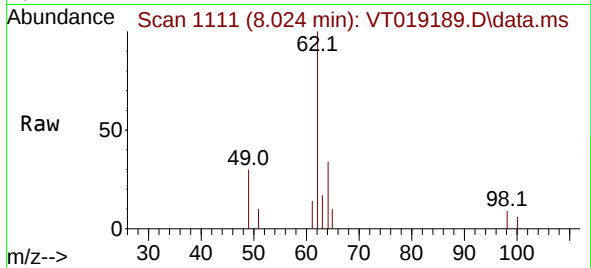




#36
1,2-Dichloroethane
Concen: 2.496 ug/l
RT: 8.024 min Scan# 1111
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

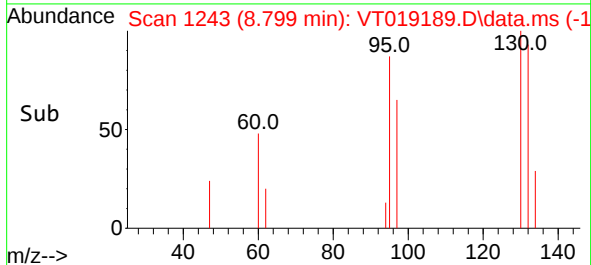
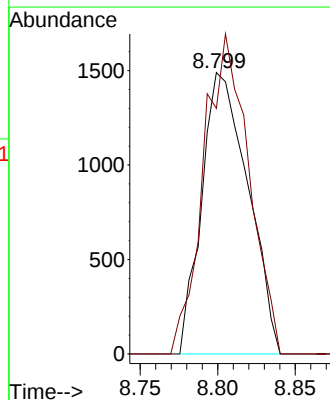
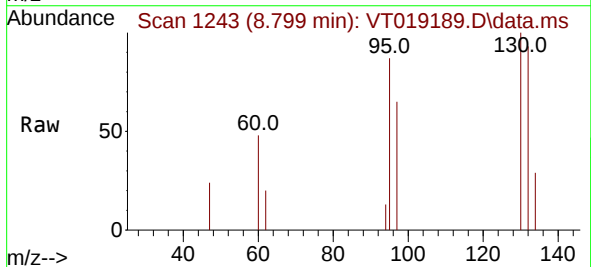
Instrument :
MSVOA_T
ClientSampleId :
MDL07

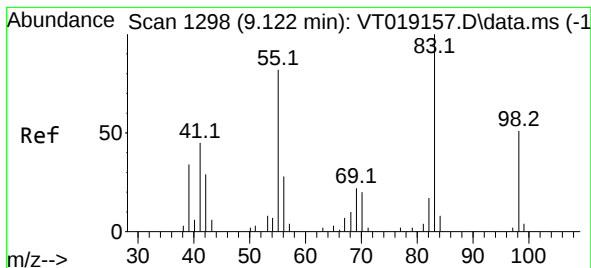
Tgt Ion: 62 Resp: 5941
Ion Ratio Lower Upper
62 100
98 7.2 6.7 10.1



#37
Trichloroethene
Concen: 2.622 ug/l
RT: 8.799 min Scan# 1243
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 130 Resp: 3097
Ion Ratio Lower Upper
130 100
95 87.2 79.4 119.2





#38

Methylcyclohexane

Concen: 2.813 ug/l

RT: 9.075 min Scan# 1

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

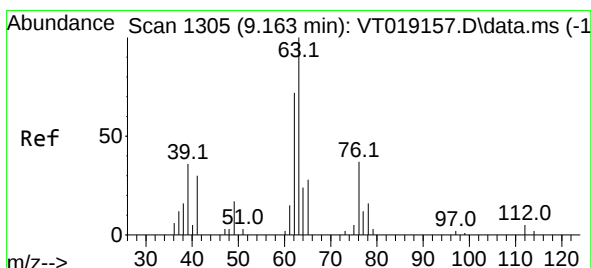
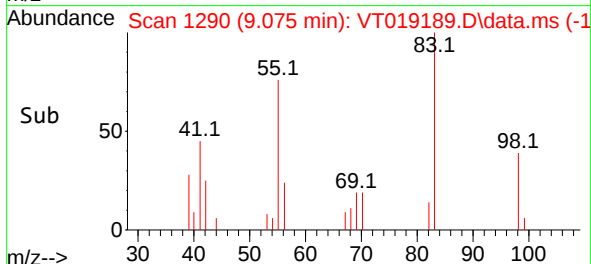
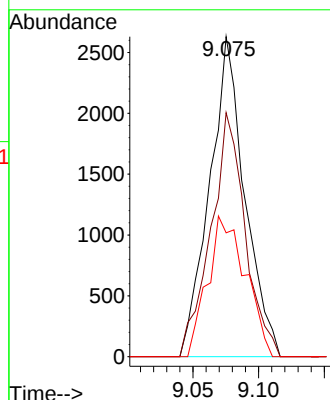
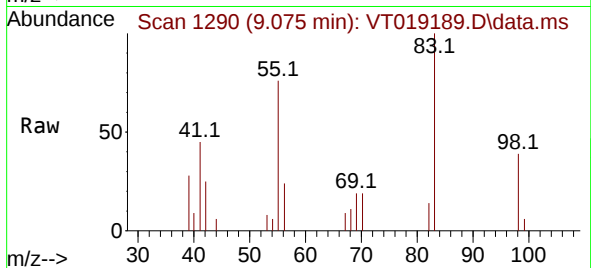
Tgt Ion: 83 Resp: 4910

Ion Ratio Lower Upper

83 100

55 74.2 40.3 120.8

98 47.2 24.3 72.9



#39

1,2-Dichloropropane

Concen: 2.527 ug/l

RT: 9.122 min Scan# 1298

Delta R.T. -0.041 min

Lab File: VT019189.D

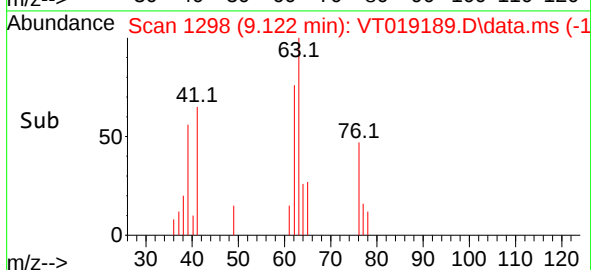
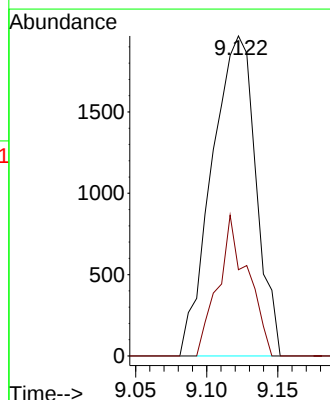
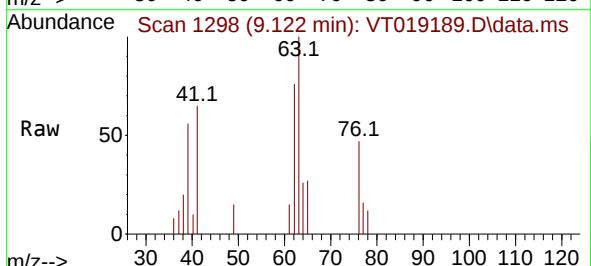
Acq: 27 Oct 2025 10:31

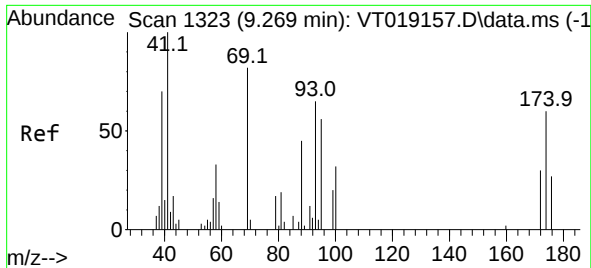
Tgt Ion: 63 Resp: 4249

Ion Ratio Lower Upper

63 100

65 26.9 19.8 29.6

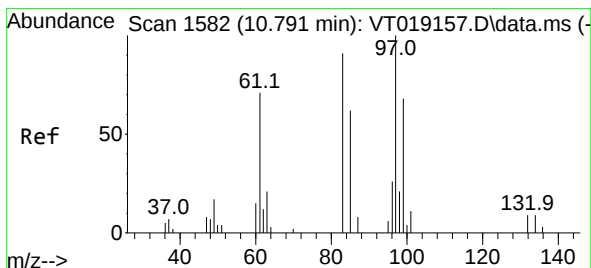
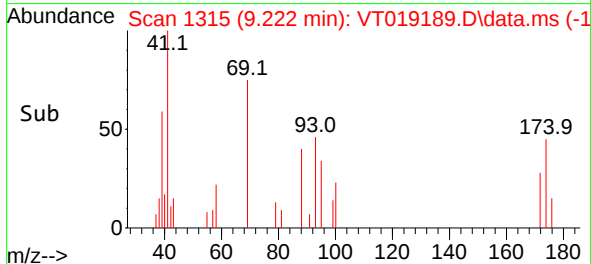
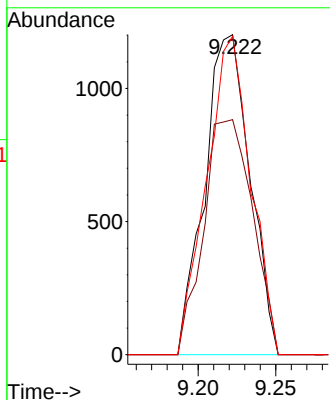
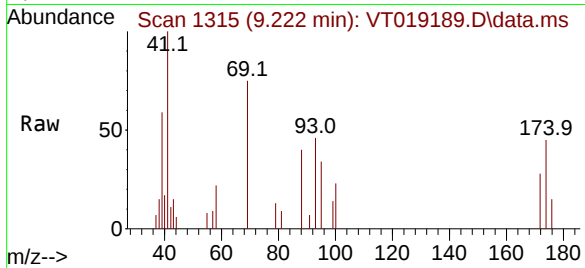




#40
Dibromomethane
Concen: 2.355 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

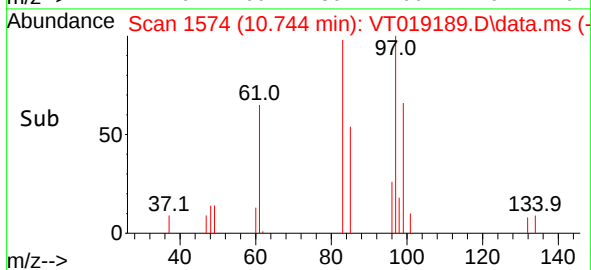
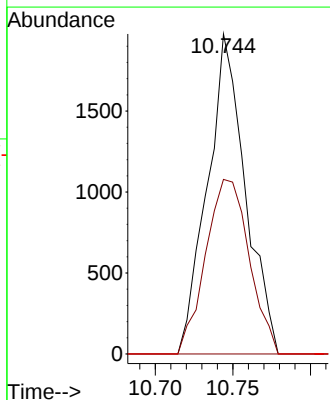
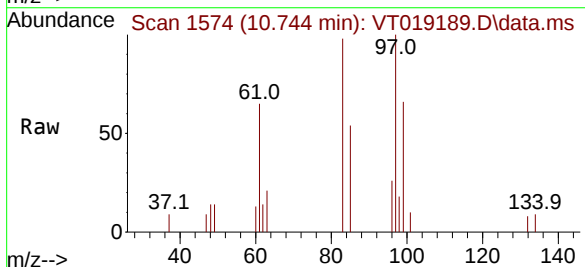
Instrument :
MSVOA_T
ClientSampleId :
MDL07

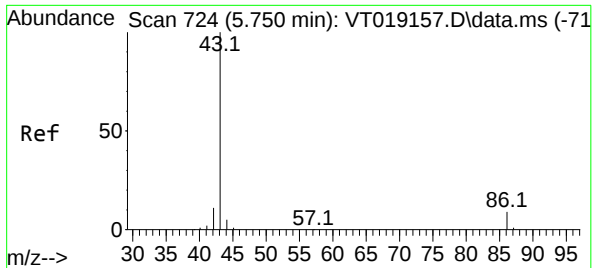
Tgt Ion: 93 Resp: 2442
Ion Ratio Lower Upper
93 100
95 79.5 0.0 166.2
174 96.6 0.0 26.4#



#41
Bromodichloromethane
Concen: 2.518 ug/l
RT: 10.744 min Scan# 1574
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 83 Resp: 3354
Ion Ratio Lower Upper
83 100
85 54.6 47.2 70.8
127 0.0 7.1 10.7#





#42

Vinyl Acetate

Concen: 12.690 ug/l

RT: 5.691 min Scan# 714

Delta R.T. -0.059 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

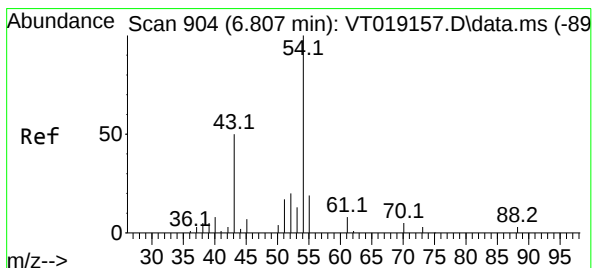
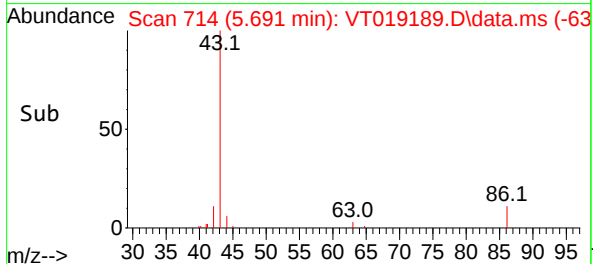
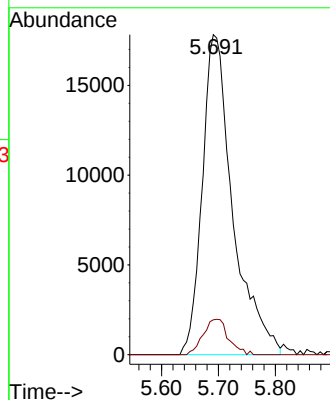
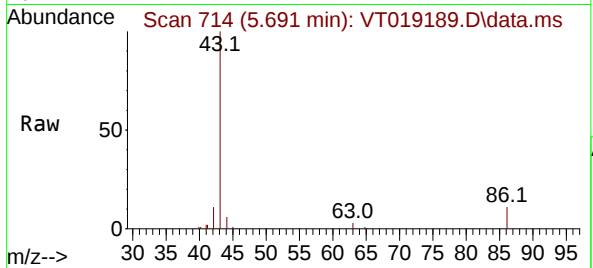
MDL07

Tgt Ion: 43 Resp: 66509

Ion Ratio Lower Upper

43 100

86 9.0 6.9 10.3



#43

Ethyl Acetate

Concen: 0.080 ug/l

RT: 6.807 min Scan# 904

Delta R.T. 0.006 min

Lab File: VT019189.D

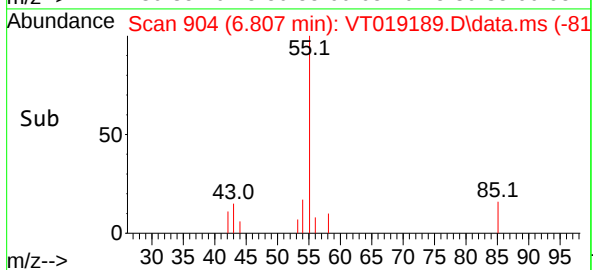
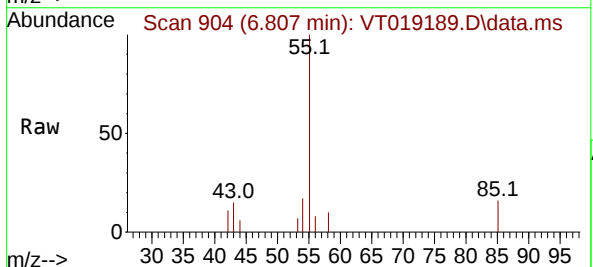
Acq: 27 Oct 2025 10:31

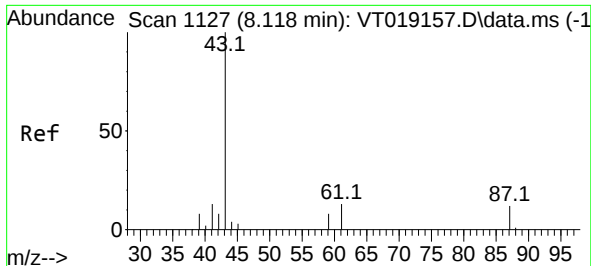
Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

45 285.4 10.6 16.0#

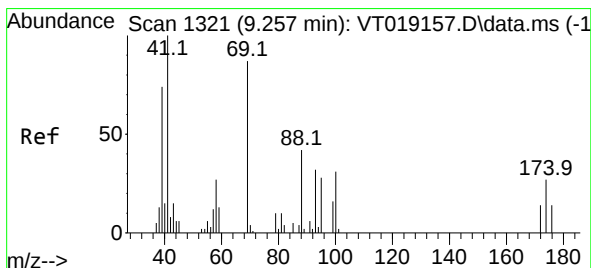
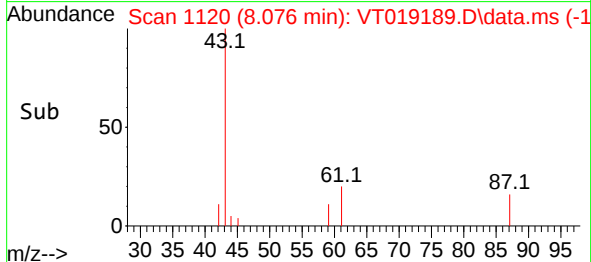
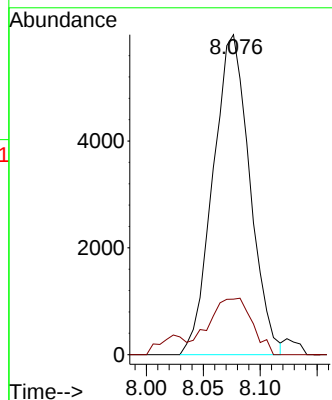
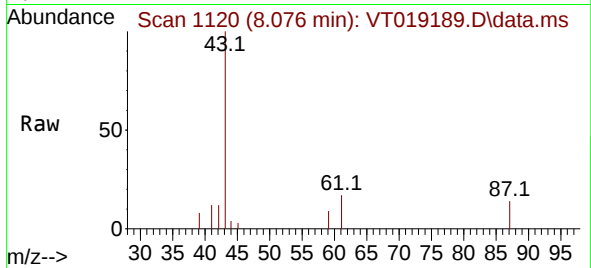




#44
Isopropyl Acetate
Concen: 2.439 ug/l
RT: 8.076 min Scan# 1120
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

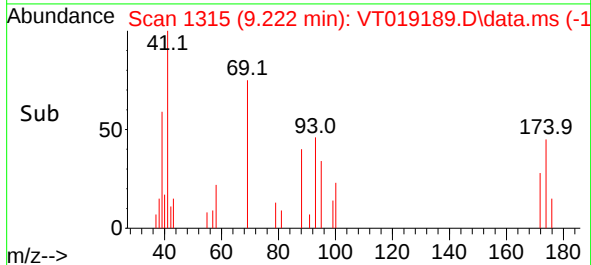
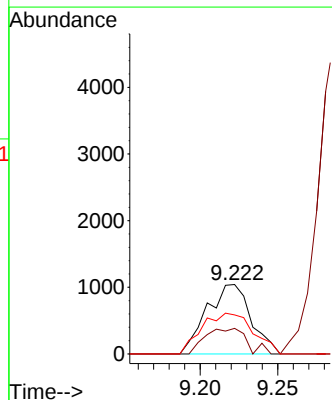
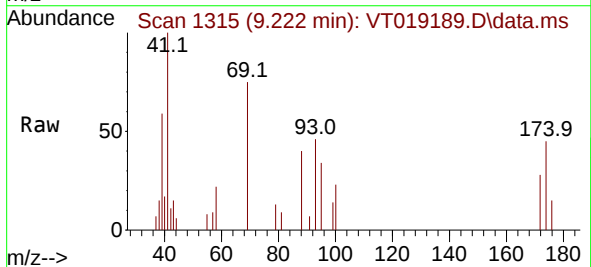
Instrument :
MSVOA_T
ClientSampleId :
MDL07

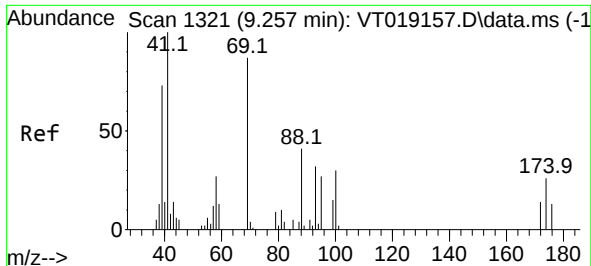
Tgt Ion: 43 Resp: 13477
Ion Ratio Lower Upper
43 100
61 20.7 14.7 22.1



#45
1,4-Dioxane
Concen: 43.006 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 88 Resp: 2062
Ion Ratio Lower Upper
88 100
43 32.0 30.2 45.2
58 68.2 33.3 49.9#

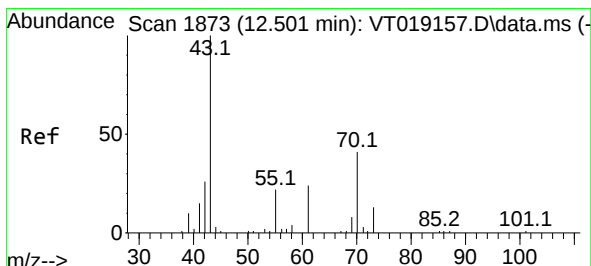
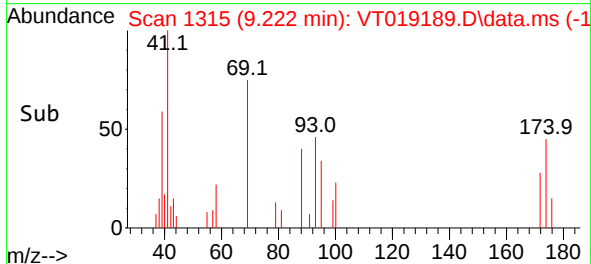
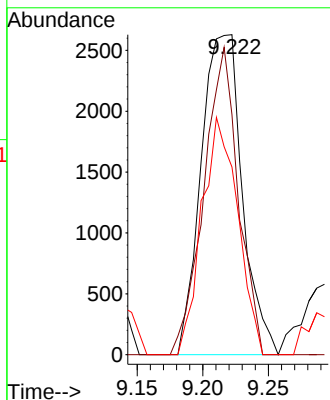
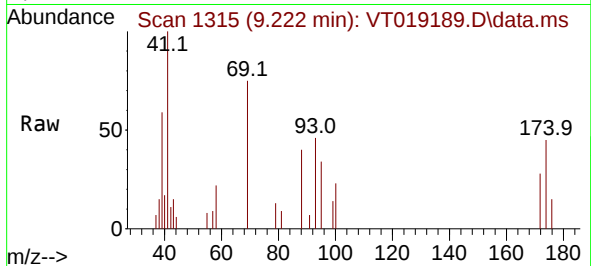




#46
Methyl methacrylate
Concen: 2.322 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.035 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

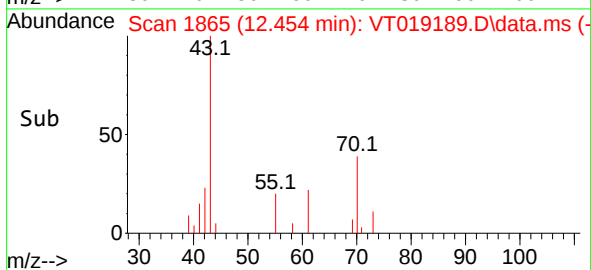
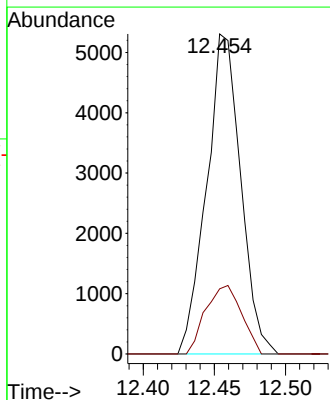
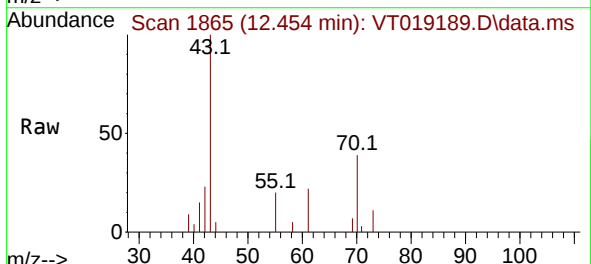
Instrument :
MSVOA_T
ClientSampleId :
MDL07

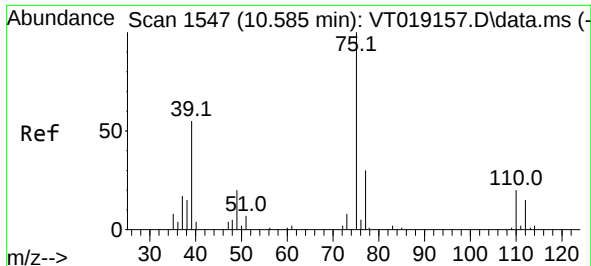
Tgt Ion: 41 Resp: 5738
Ion Ratio Lower Upper
41 100
69 75.0 35.8 107.3
39 58.7 24.4 73.4



#47
n-amy1 Acetate
Concen: 2.380 ug/l
RT: 12.454 min Scan# 1865
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 43 Resp: 8852
Ion Ratio Lower Upper
43 100
55 22.6 18.4 27.6





#48

t-1,3-Dichloropropene

Concen: 2.405 ug/l

RT: 10.538 min Scan# 11

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

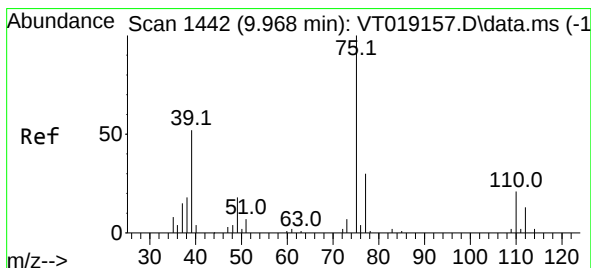
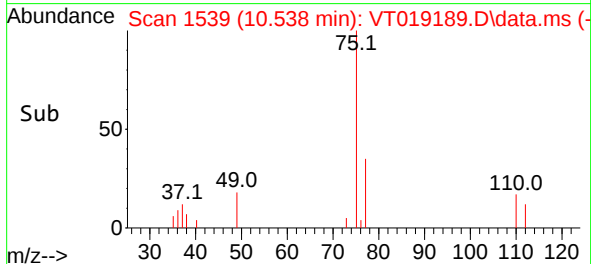
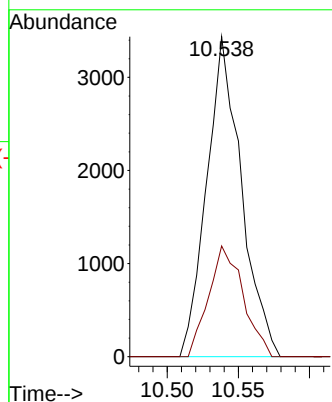
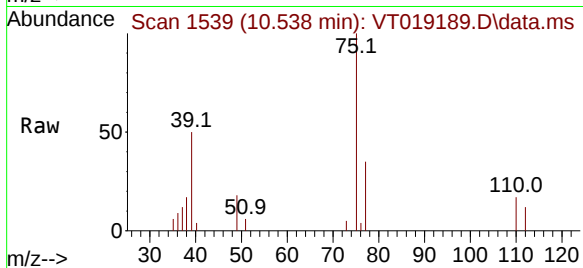
MDL07

Tgt Ion: 75 Resp: 5813

Ion Ratio Lower Upper

75 100

77 34.6 24.4 36.6



#49

cis-1,3-Dichloropropene

Concen: 2.435 ug/l

RT: 9.921 min Scan# 1434

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

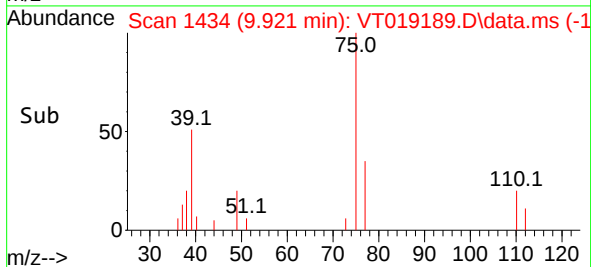
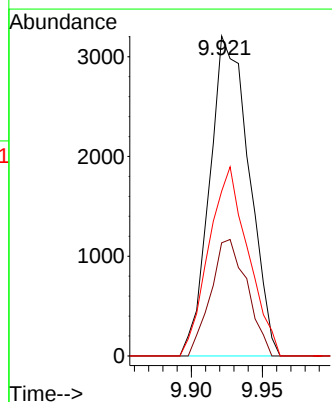
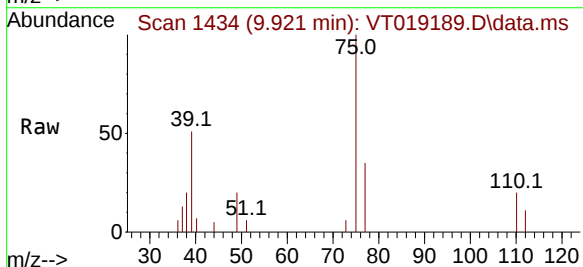
Tgt Ion: 75 Resp: 6181

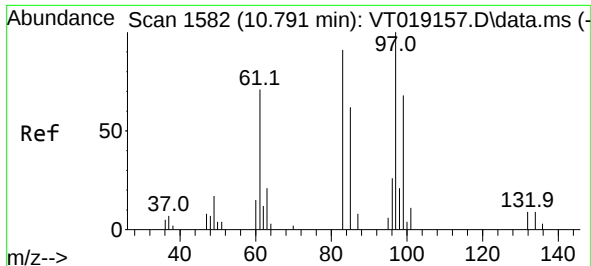
Ion Ratio Lower Upper

75 100

77 35.4 25.1 37.7

39 51.5 42.7 64.1

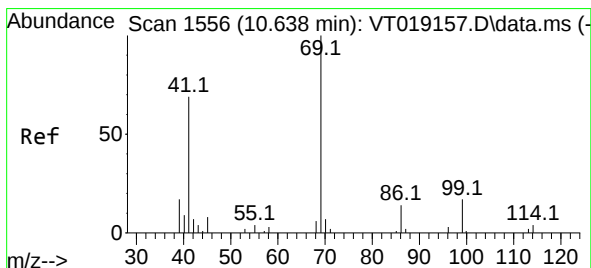
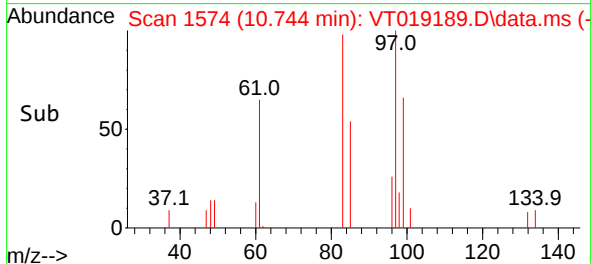
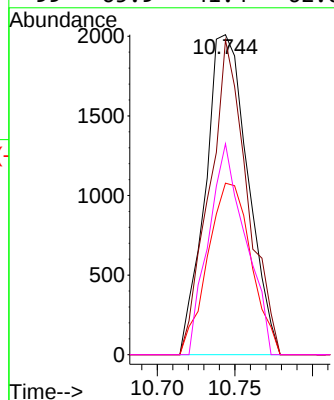
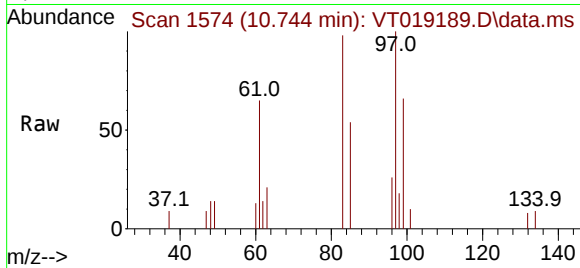




#50
1,1,2-Trichloroethane
Concen: 2.513 ug/l
RT: 10.744 min Scan# 1574
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

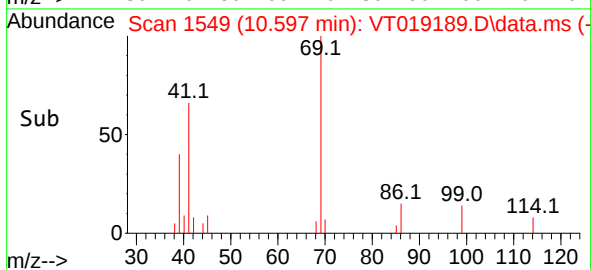
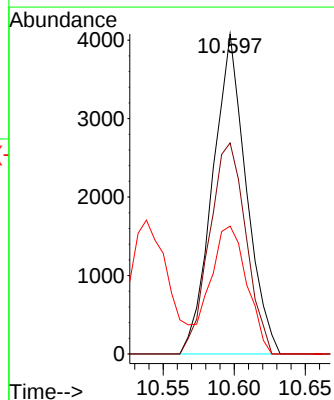
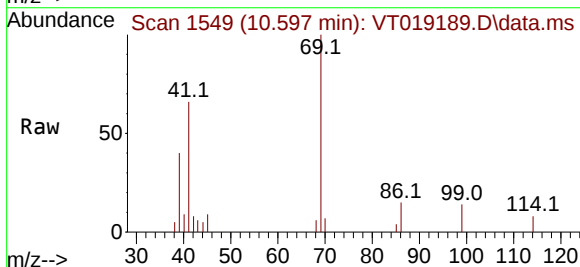
Instrument :
MSVOA_T
ClientSampleId :
MDL07

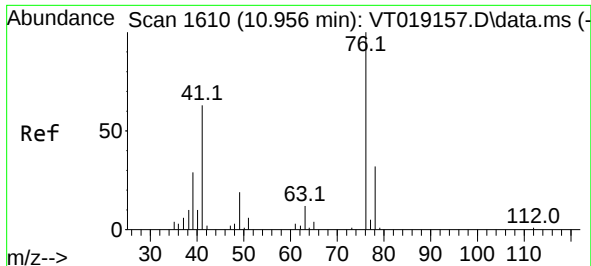
Tgt Ion: 97	Resp: 3833
Ion Ratio	Lower Upper
97 100	
83 98.3	58.3 87.5#
85 53.6	36.5 54.7
99 65.9	41.4 62.0#



#51
Ethyl methacrylate
Concen: 2.340 ug/l
RT: 10.597 min Scan# 1549
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 69	Resp: 6687
Ion Ratio	Lower Upper
69 100	
41 65.9	35.0 105.1
39 39.9	19.5 58.5





#52

1,3-Dichloropropane

Concen: 2.593 ug/l

RT: 10.908 min Scan# 1602

Delta R.T. -0.048 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

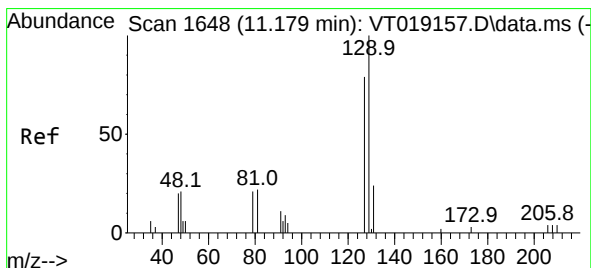
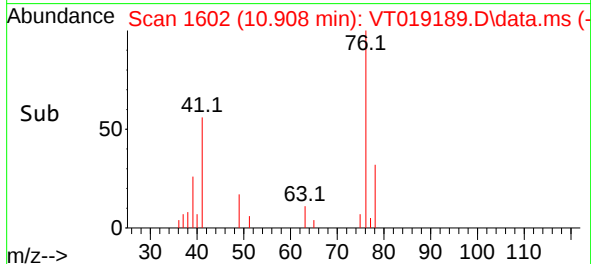
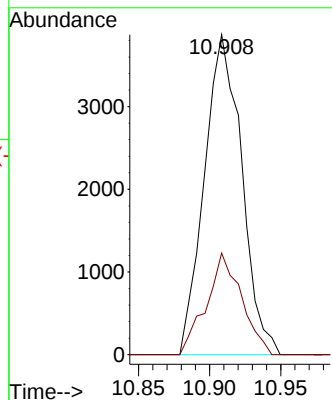
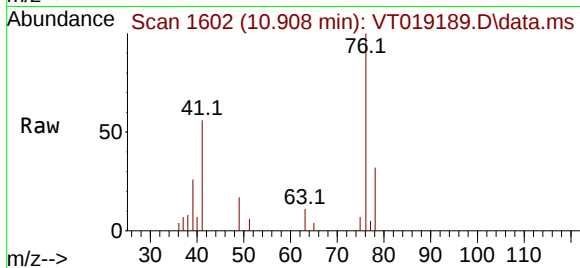
MDL07

Tgt Ion: 76 Resp: 7064

Ion Ratio Lower Upper

76 100

78 29.8 0.0 63.6



#53

Dibromochloromethane

Concen: 2.531 ug/l

RT: 11.126 min Scan# 1639

Delta R.T. -0.053 min

Lab File: VT019189.D

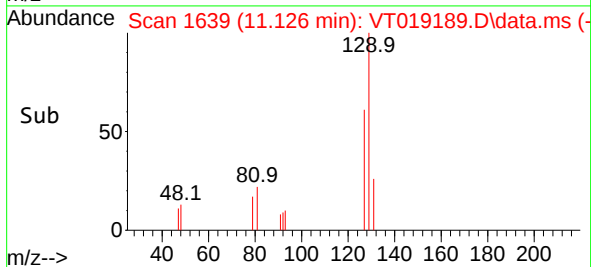
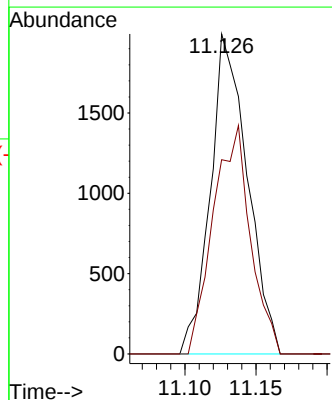
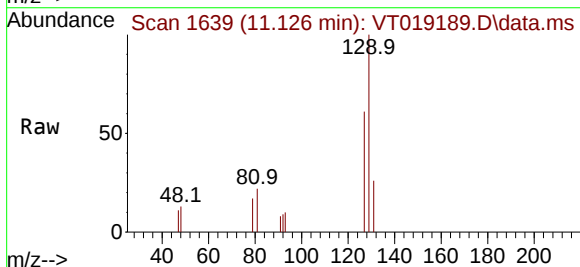
Acq: 27 Oct 2025 10:31

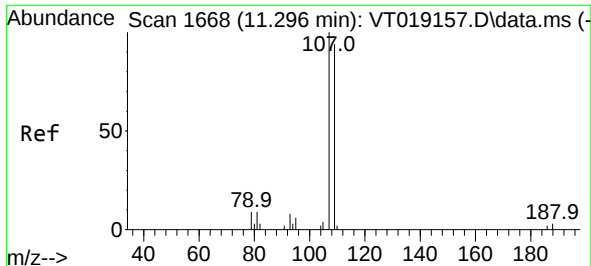
Tgt Ion:129 Resp: 3600

Ion Ratio Lower Upper

129 100

127 71.8 125.0 374.9#

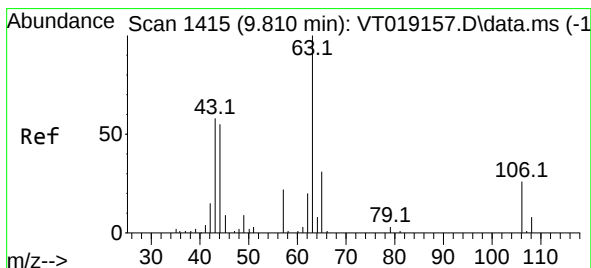
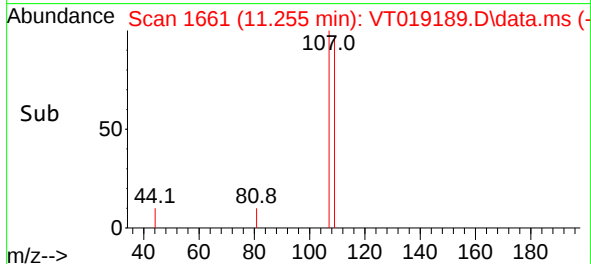
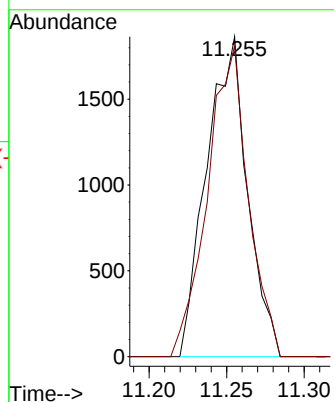
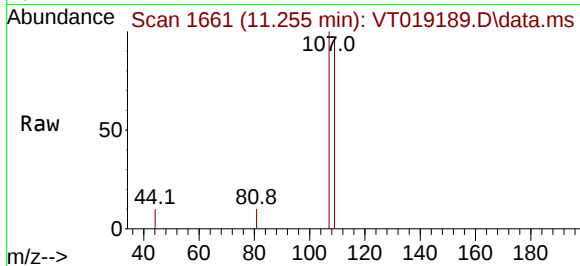




#54
1,2-Dibromoethane
Concen: 2.405 ug/l
RT: 11.255 min Scan# 1
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

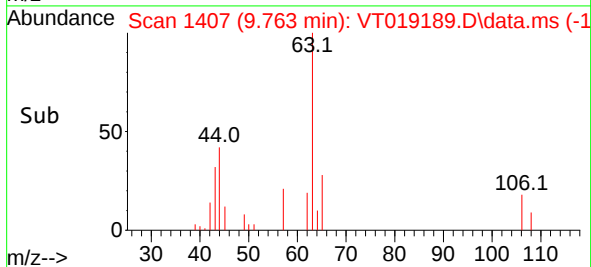
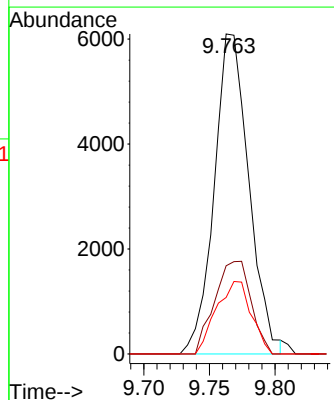
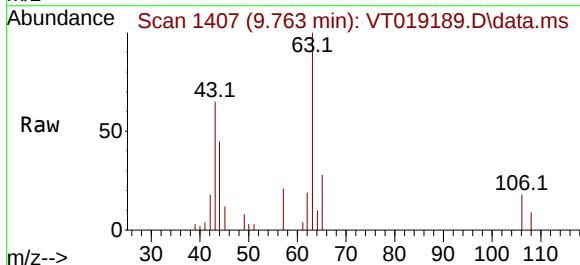
Instrument :
MSVOA_T
ClientSampleId :
MDL07

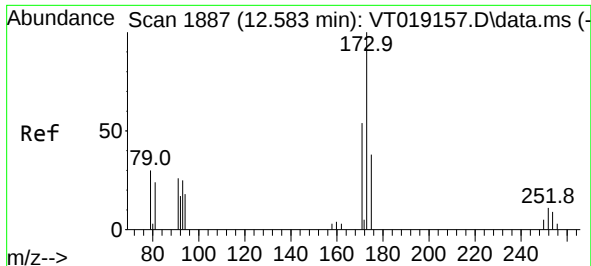
Tgt Ion:107 Resp: 3412
Ion Ratio Lower Upper
107 100
109 96.8 74.0 111.0



#55
2-Chloroethyl vinyl ether
Concen: 13.449 ug/l
RT: 9.763 min Scan# 1407
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 63 Resp: 11211
Ion Ratio Lower Upper
63 100
65 30.4 25.8 38.6
106 22.8 22.1 33.1

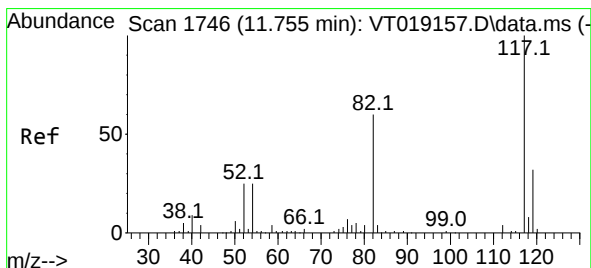
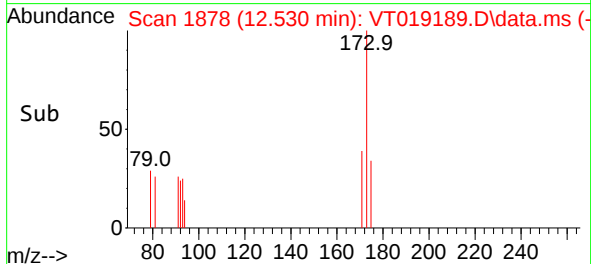
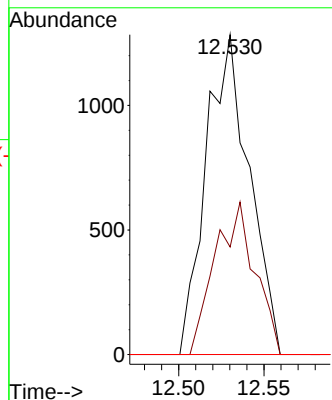
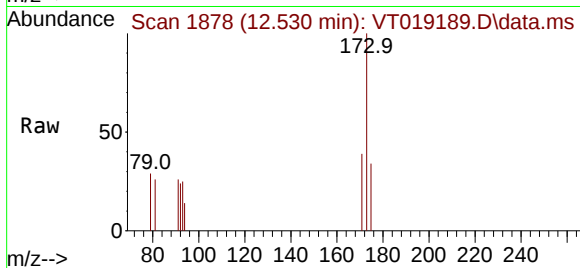




#56
Bromoform
Concen: 2.422 ug/l
RT: 12.530 min Scan# 1738
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

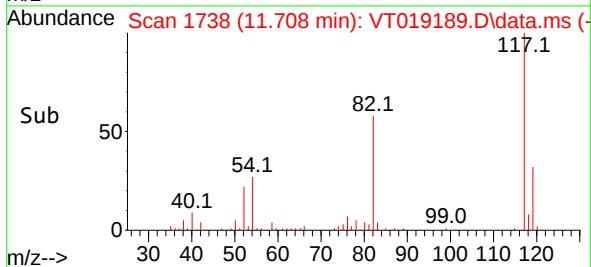
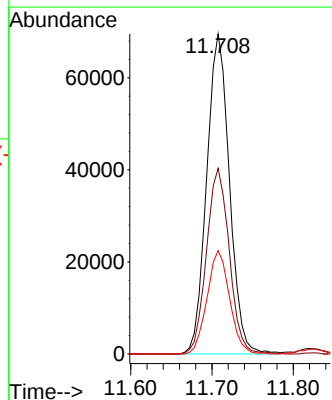
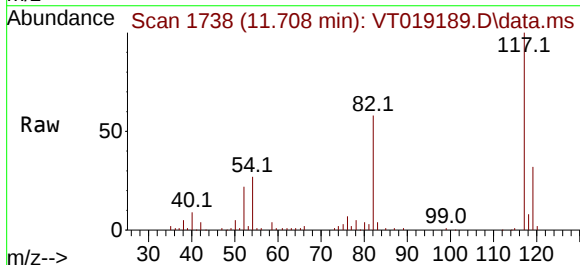
Instrument :
MSVOA_T
ClientSampleId :
MDL07

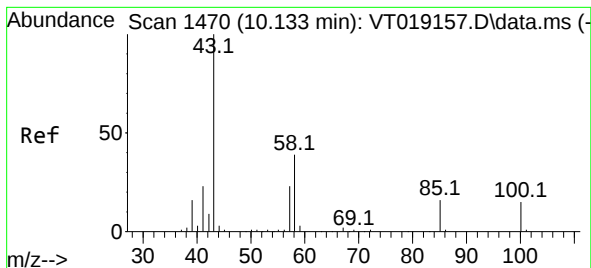
Tgt Ion:173 Resp: 2265
Ion Ratio Lower Upper
173 100
175 44.2 2.6 3.8#
254 0.0 2.2 3.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.708 min Scan# 1738
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:117 Resp: 135576
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 32.0 25.8 38.8

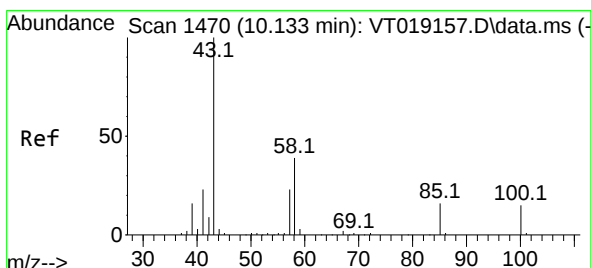
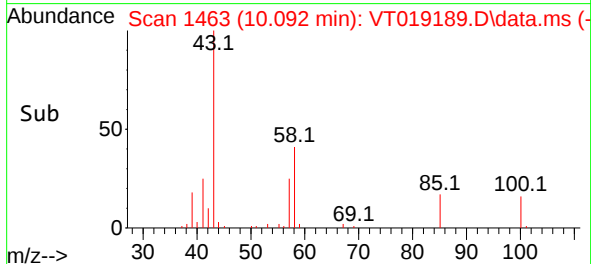
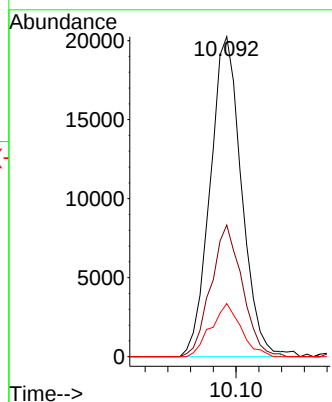
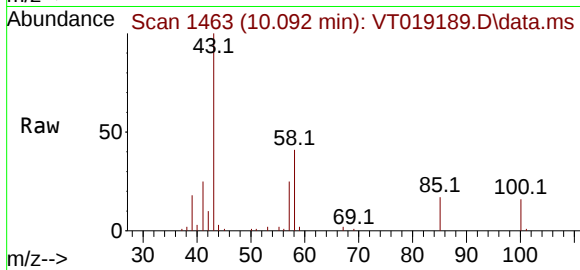




#58
4-Methyl-2-Pentanone
Concen: 11.647 ug/l
RT: 10.092 min Scan# 1463
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

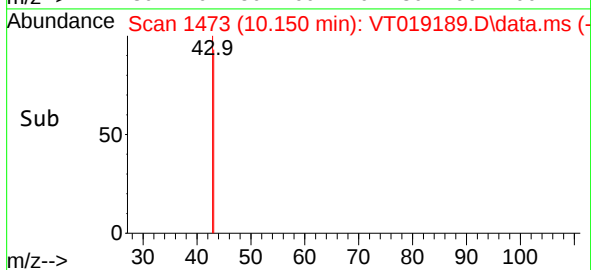
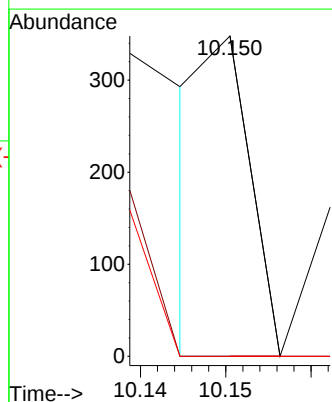
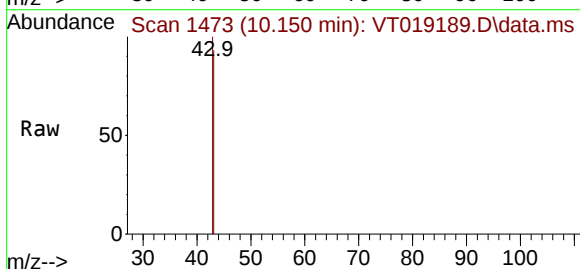
Instrument :
MSVOA_T
ClientSampleId :
MDL07

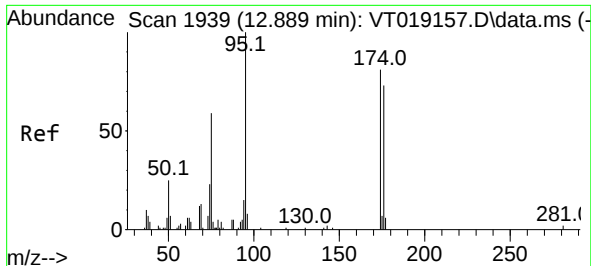
Tgt Ion: 43 Resp: 38669
Ion Ratio Lower Upper
43 100
58 41.3 30.6 45.8
85 16.0 13.4 20.2



#59
2-Hexanone
Concen: 0.037 ug/l
RT: 10.150 min Scan# 1473
Delta R.T. 0.011 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 46.3 14.6 21.8#

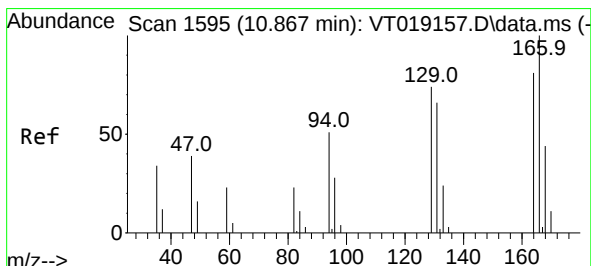
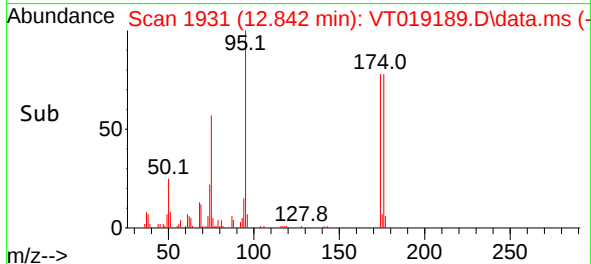
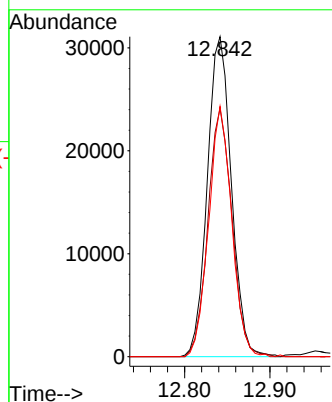
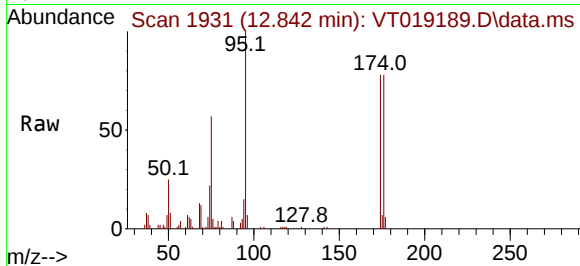




#60
4-Bromofluorobenzene
Concen: 28.698 ug/l
RT: 12.842 min Scan# 1587
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

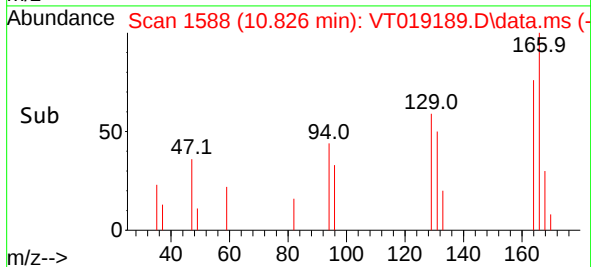
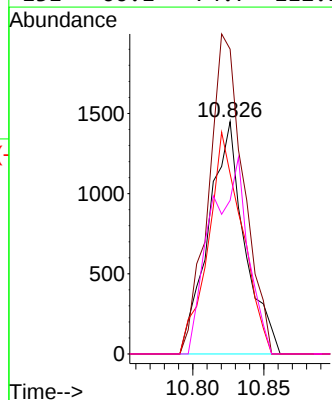
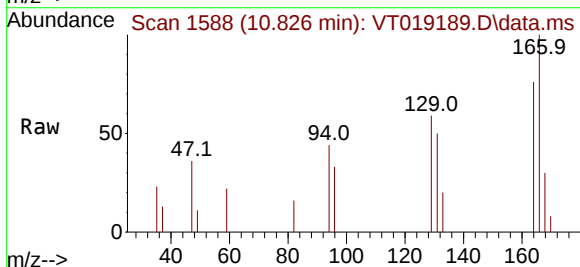
Instrument :
MSVOA_T
ClientSampleId :
MDL07

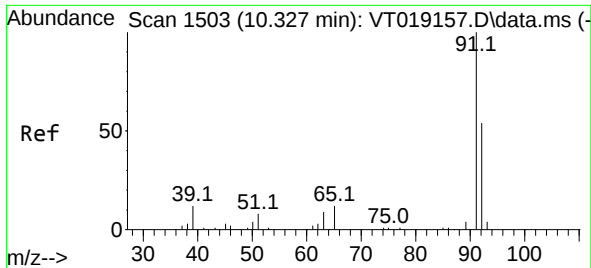
Tgt Ion: 95 Resp: 61150
Ion Ratio Lower Upper
95 100
174 77.3 57.5 86.3
176 74.7 56.4 84.6



#61
Tetrachloroethene
Concen: 2.980 ug/l
RT: 10.826 min Scan# 1588
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:164 Resp: 2554
Ion Ratio Lower Upper
164 100
166 131.2 101.0 151.4
129 77.6 78.6 117.8#
131 66.1 74.7 112.1#

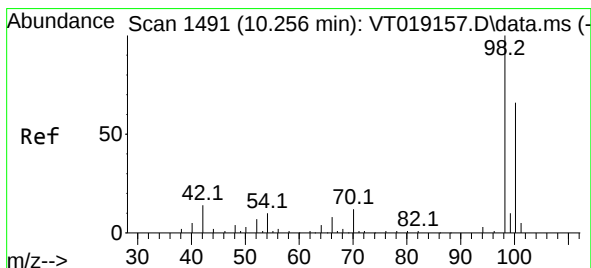
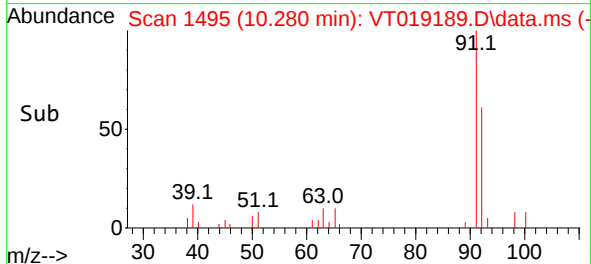
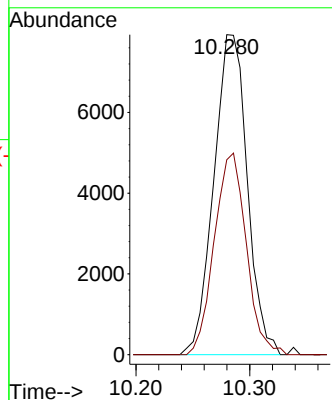
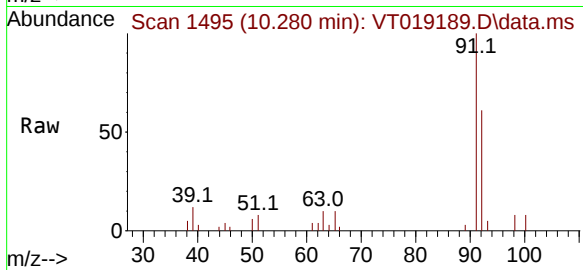




#62
Toluene
Concen: 2.667 ug/l
RT: 10.280 min Scan# 1483
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

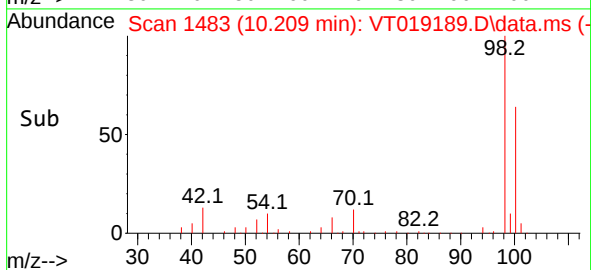
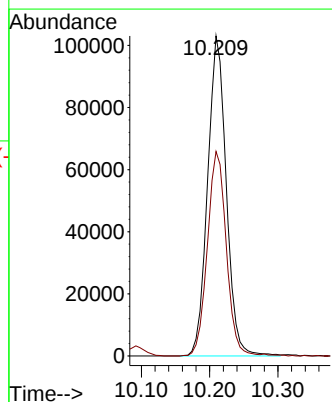
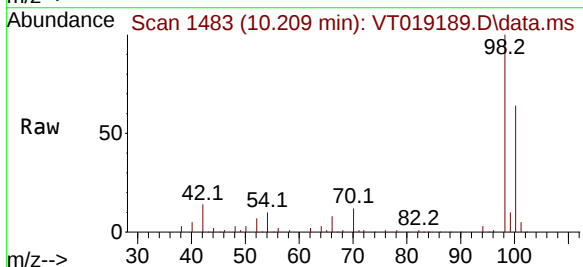
Instrument :
MSVOA_T
ClientSampleId :
MDL07

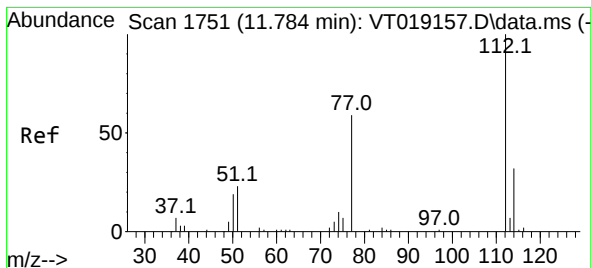
Tgt Ion: 91 Resp: 16197
Ion Ratio Lower Upper
91 100
92 60.2 46.6 69.8



#63
Toluene-d8
Concen: 29.751 ug/l
RT: 10.209 min Scan# 1483
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 98 Resp: 196324
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3





#64

Chlorobenzene

Concen: 2.659 ug/l

RT: 11.737 min Scan# 11

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

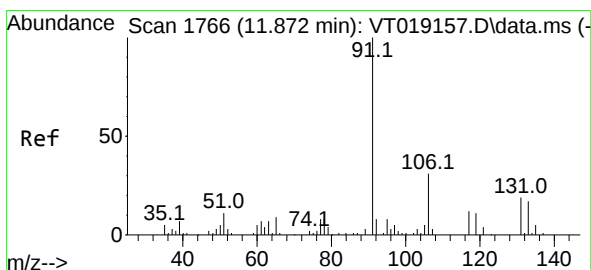
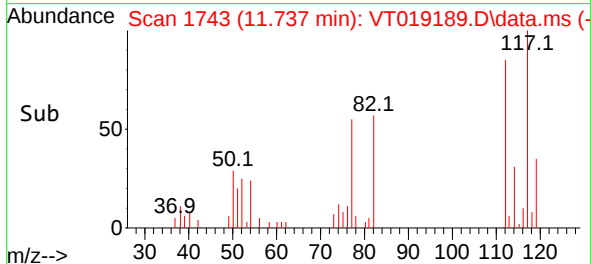
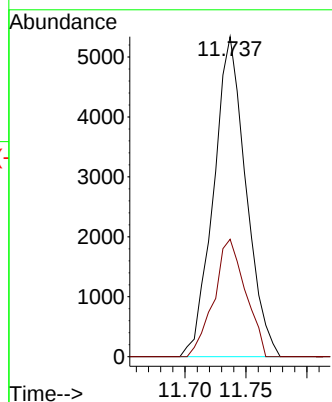
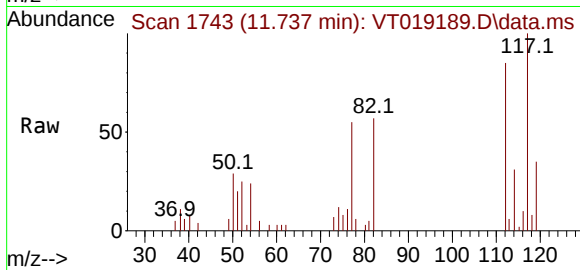
MDL07

Tgt Ion:112 Resp: 9861

Ion Ratio Lower Upper

112 100

114 36.7 23.6 35.4#



#65

1,1,1,2-Tetrachloroethane

Concen: 2.659 ug/l

RT: 11.819 min Scan# 1757

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

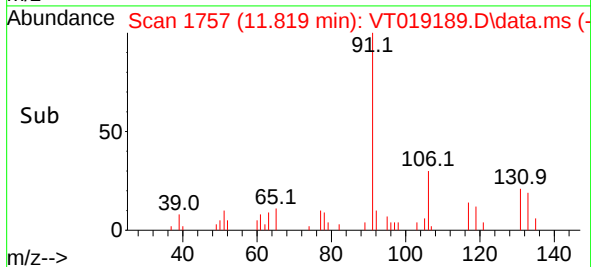
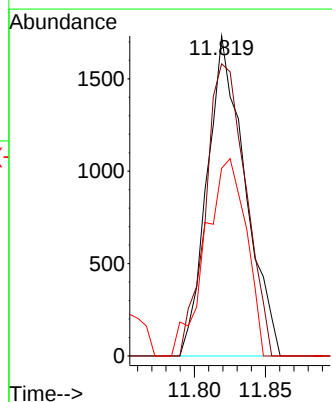
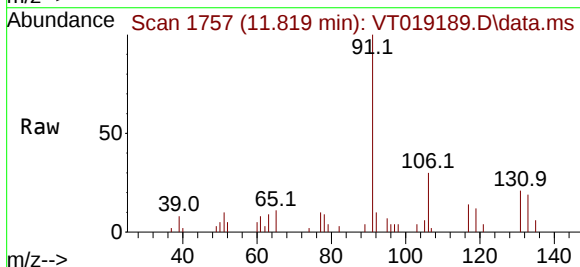
Tgt Ion:131 Resp: 3213

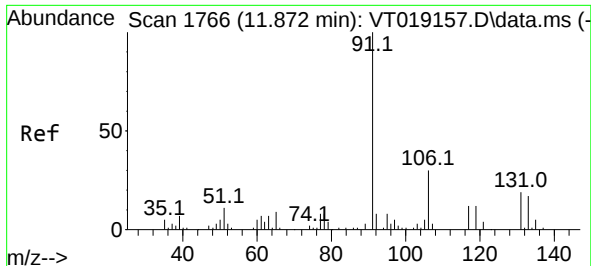
Ion Ratio Lower Upper

131 100

133 96.4 0.0 188.2

119 62.7 0.0 101.8





#66

Ethyl Benzene

Concen: 2.625 ug/l

RT: 11.825 min Scan# 1758

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

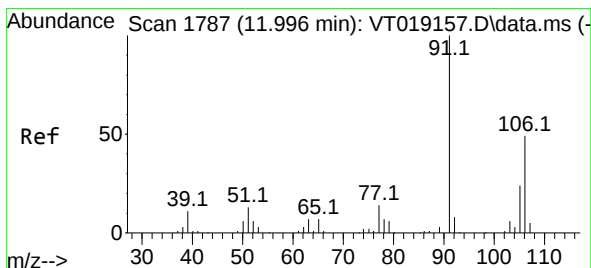
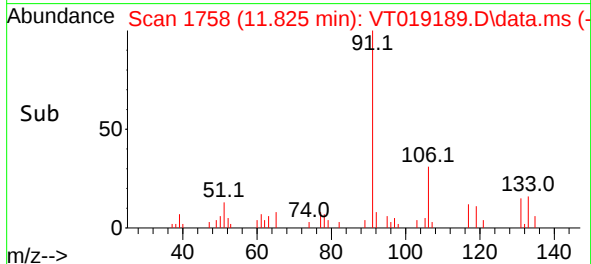
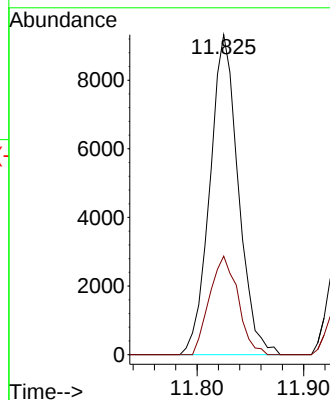
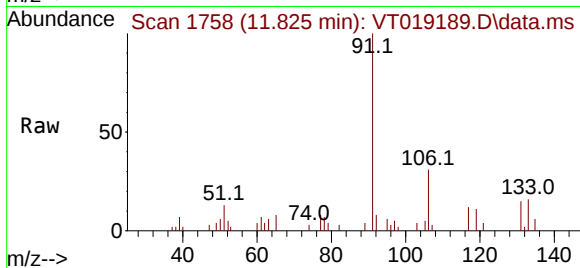
MDL07

Tgt Ion: 91 Resp: 17323

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#67

m/p-Xylenes

Concen: 5.207 ug/l

RT: 11.954 min Scan# 1780

Delta R.T. -0.041 min

Lab File: VT019189.D

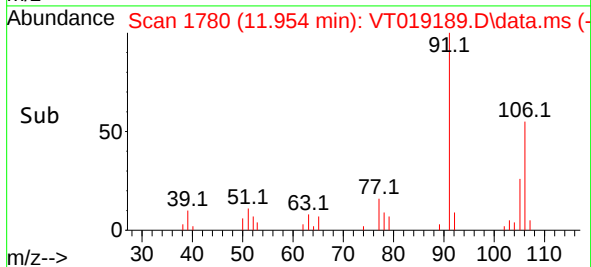
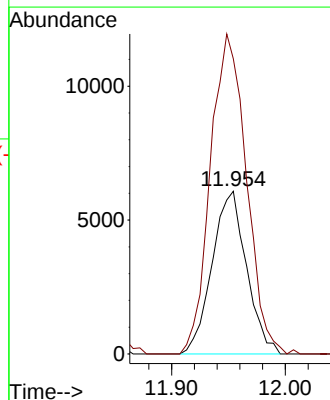
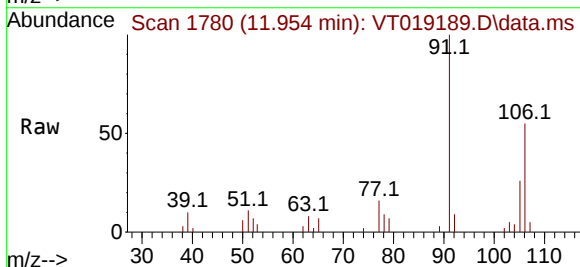
Acq: 27 Oct 2025 10:31

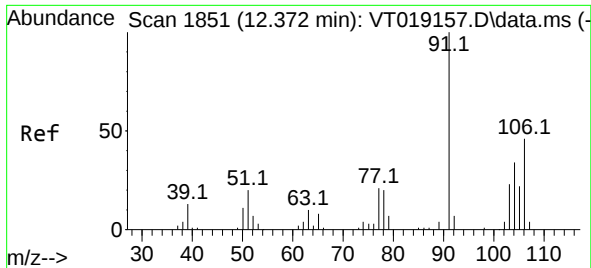
Tgt Ion: 106 Resp: 12774

Ion Ratio Lower Upper

106 100

91 205.4 164.4 246.6

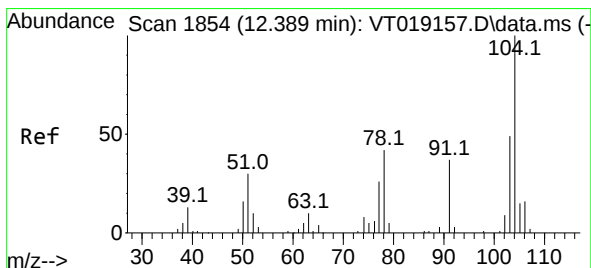
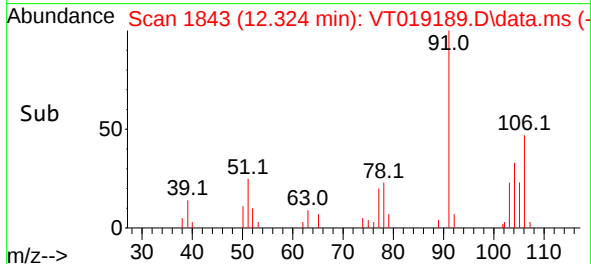
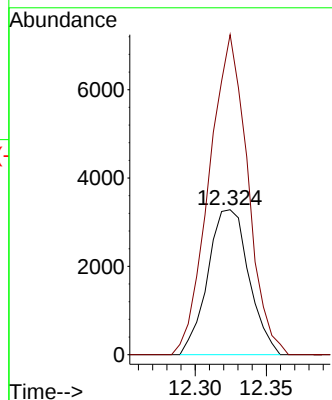
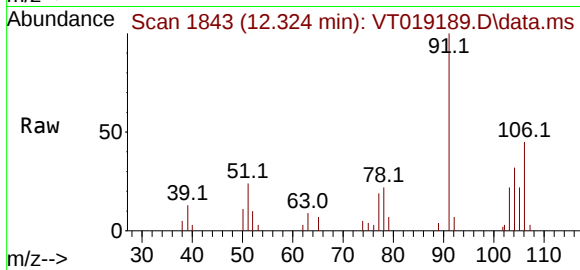




#68
o-Xylene
Concen: 2.607 ug/l
RT: 12.324 min Scan# 1843
Delta R.T. -0.048 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

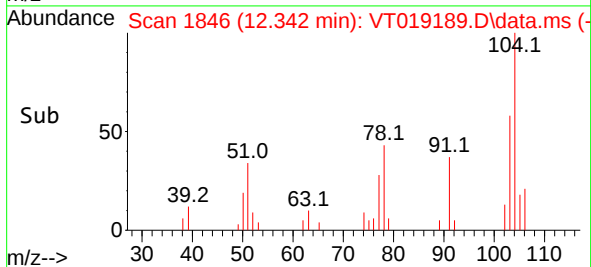
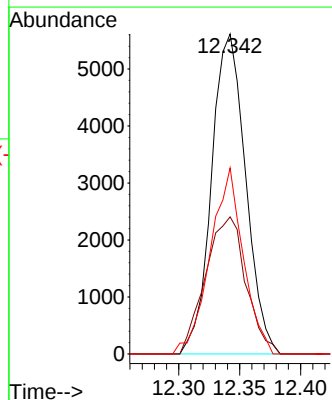
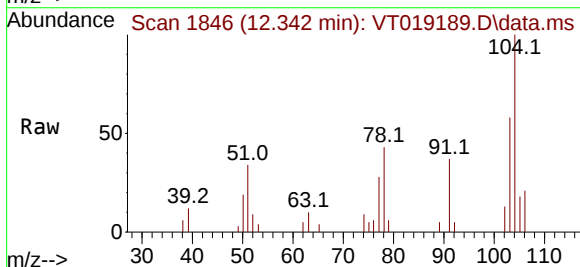
Instrument :
MSVOA_T
ClientSampleId :
MDL07

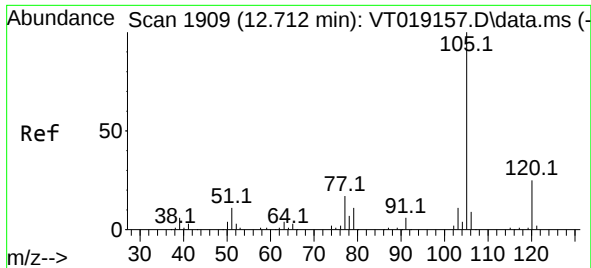
Tgt Ion:106 Resp: 6602
Ion Ratio Lower Upper
106 100
91 206.8 111.3 333.8



#69
Styrene
Concen: 2.406 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:104 Resp: 10939
Ion Ratio Lower Upper
104 100
78 50.7 42.6 63.8
103 56.4 43.5 65.3

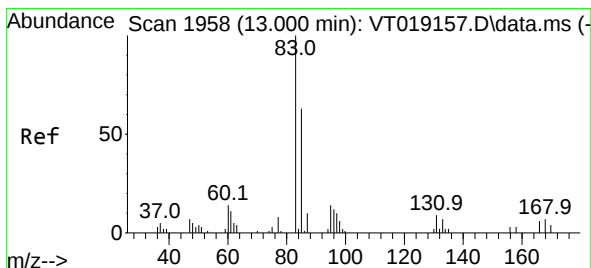
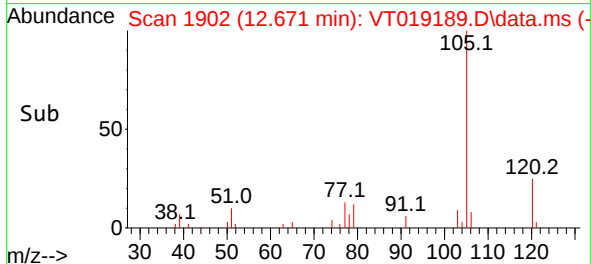
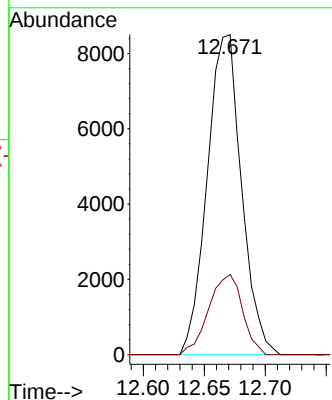
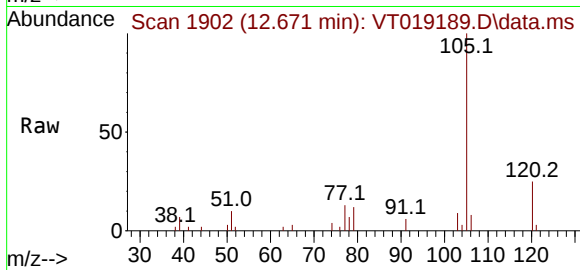




#70
Isopropylbenzene
Concen: 2.678 ug/l
RT: 12.671 min Scan# 1909
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

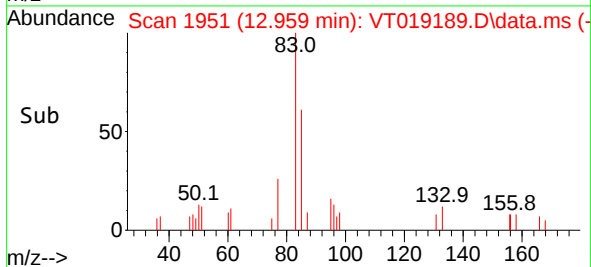
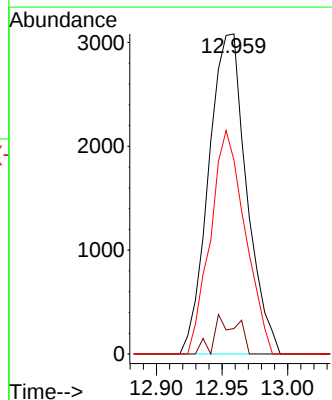
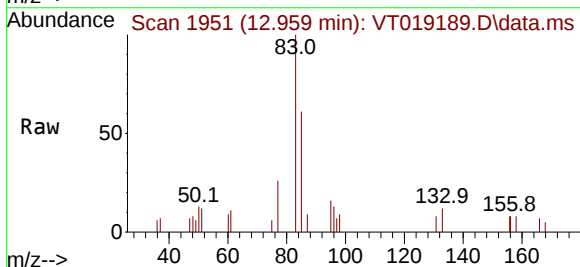
Instrument :
MSVOA_T
ClientSampleId :
MDL07

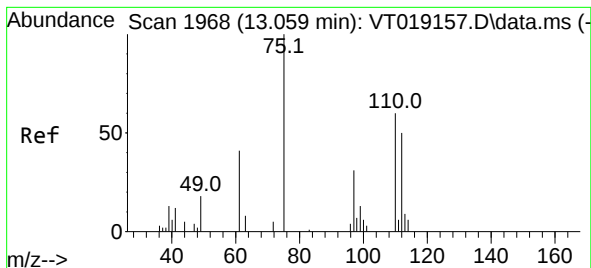
Tgt Ion:105 Resp: 16635
Ion Ratio Lower Upper
105 100
120 24.7 17.8 33.0



#71
1,1,2,2-Tetrachloroethane
Concen: 2.543 ug/l
RT: 12.959 min Scan# 1951
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 83 Resp: 6197
Ion Ratio Lower Upper
83 100
131 3.2 6.0 18.0#
85 0.0 32.3 96.9#

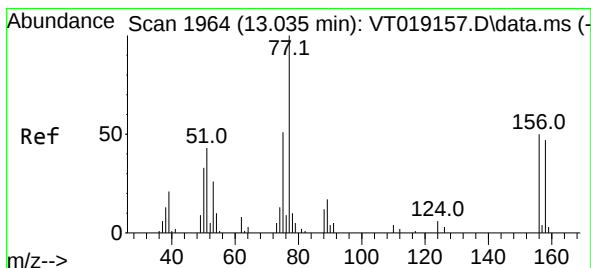
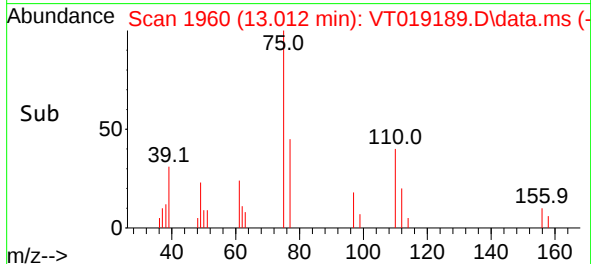
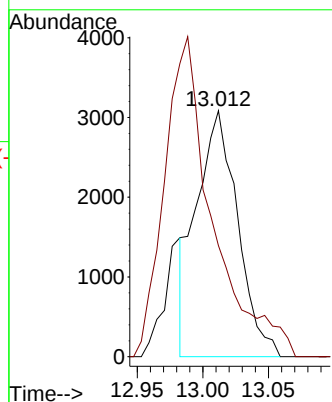
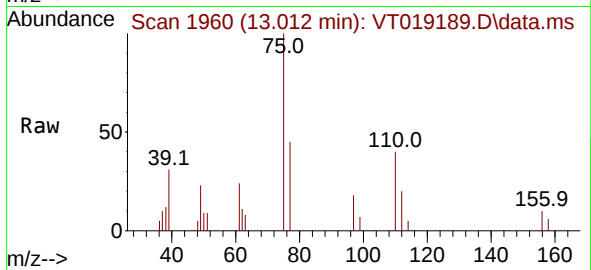




#72
1,2,3-Trichloropropane
Concen: 3.719 ug/l
RT: 13.012 min Scan# 1955
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

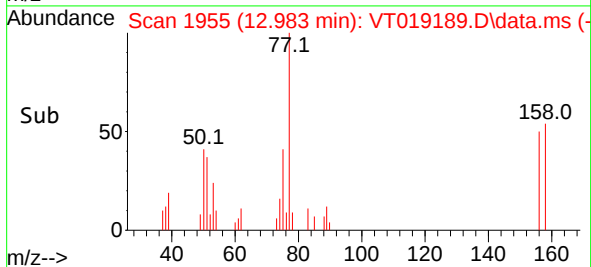
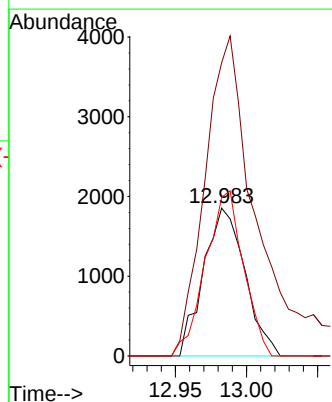
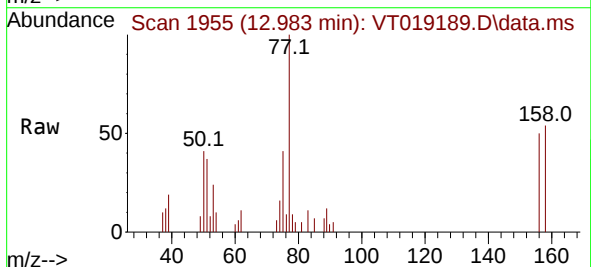
Instrument :
MSVOA_T
ClientSampleId :
MDL07

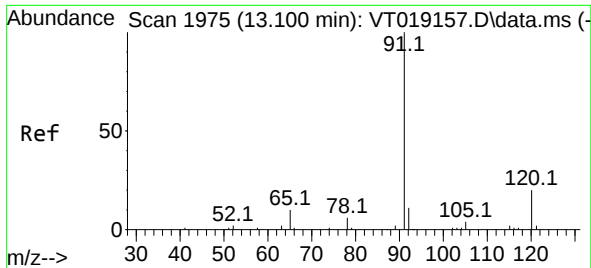
Tgt Ion: 75 Resp: 6690
Ion Ratio Lower Upper
75 100
77 152.4 0.0 74.2#



#73
Bromobenzene
Concen: 2.576 ug/l
RT: 12.983 min Scan# 1955
Delta R.T. -0.052 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:156 Resp: 3763
Ion Ratio Lower Upper
156 100
77 270.9 0.0 340.8
158 102.2 0.0 189.0

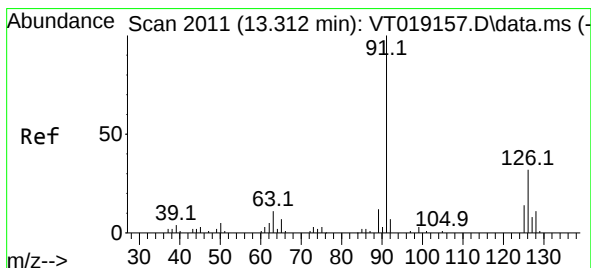
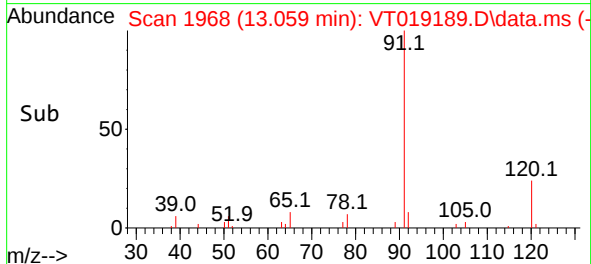
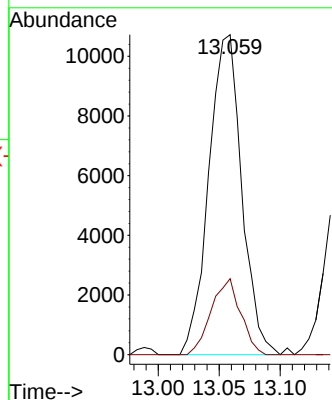
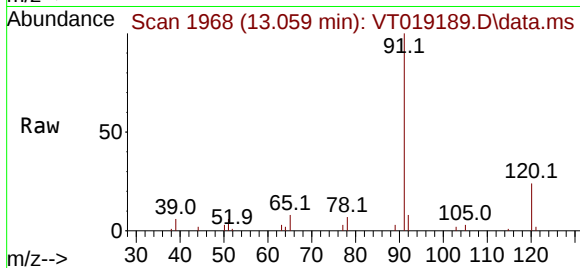




#74
n-propylbenzene
Concen: 2.695 ug/l
RT: 13.059 min Scan# 1975
Delta R.T. -0.041 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

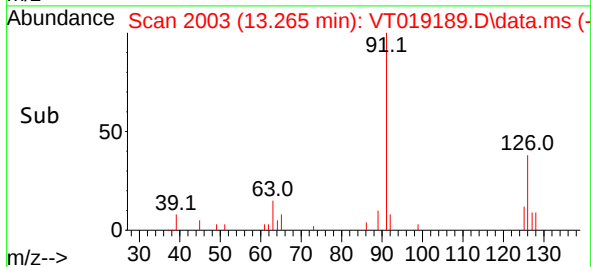
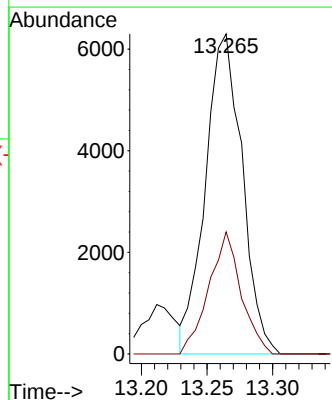
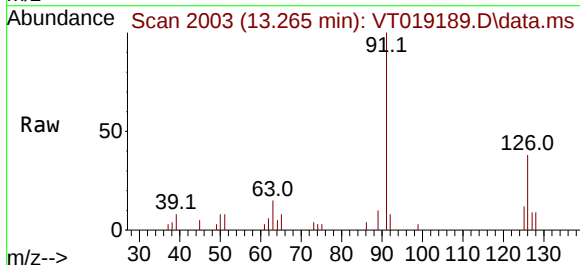
Instrument :
MSVOA_T
ClientSampleId :
MDL07

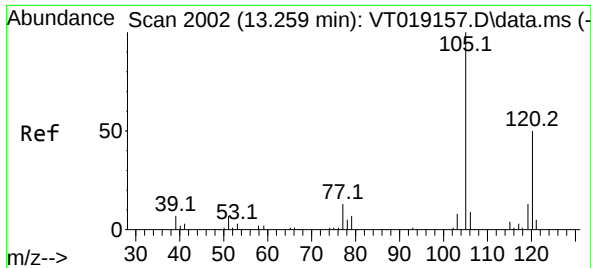
Tgt Ion: 91 Resp: 20182
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.4



#75
2-Chlorotoluene
Concen: 2.678 ug/l
RT: 13.265 min Scan# 2003
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 91 Resp: 12277
Ion Ratio Lower Upper
91 100
126 33.5 0.0 63.6

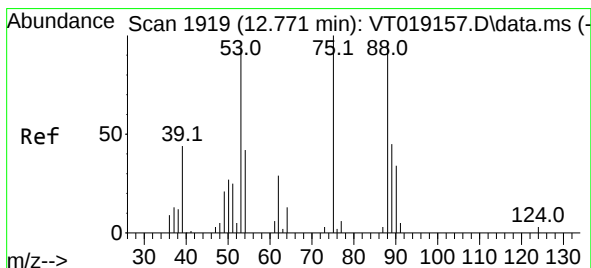
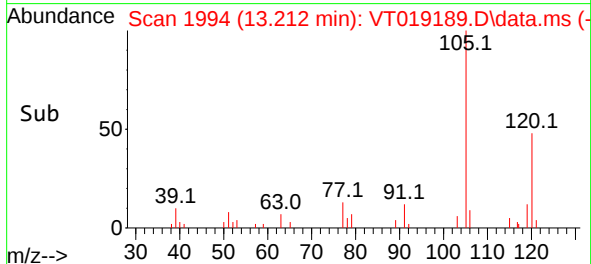
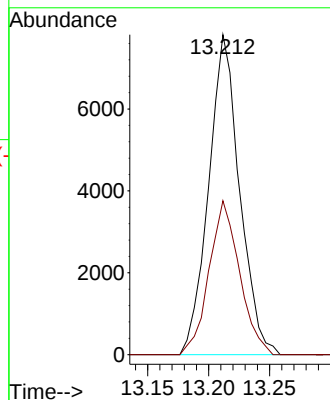
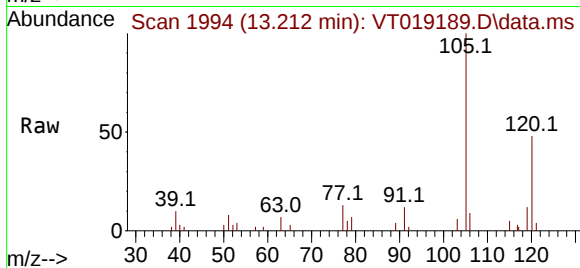




#76
1,3,5-Trimethylbenzene
Concen: 2.708 ug/l
RT: 13.212 min Scan# 1910
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

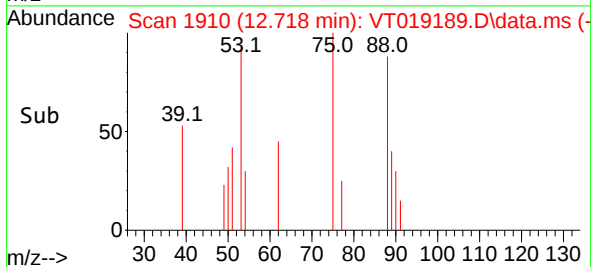
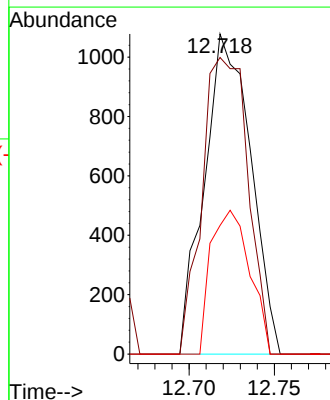
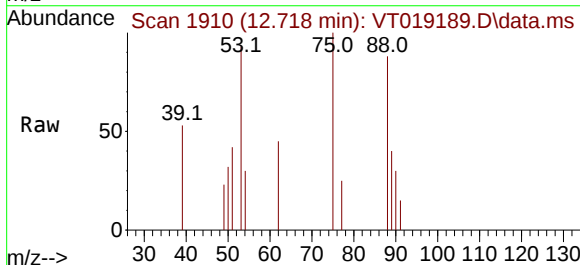
Instrument :
MSVOA_T
ClientSampleId :
MDL07

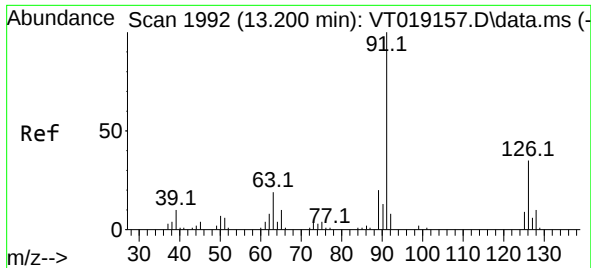
Tgt Ion:105 Resp: 13800
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.0



#77
t-1,4-Dichloro-2-butene
Concen: 2.328 ug/l
RT: 12.718 min Scan# 1910
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 75 Resp: 2035
Ion Ratio Lower Upper
75 100
53 92.7 48.4 145.2
89 40.2 33.8 101.3

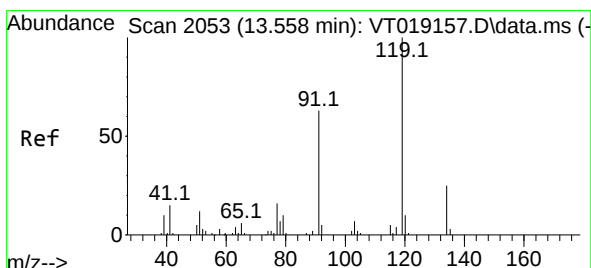
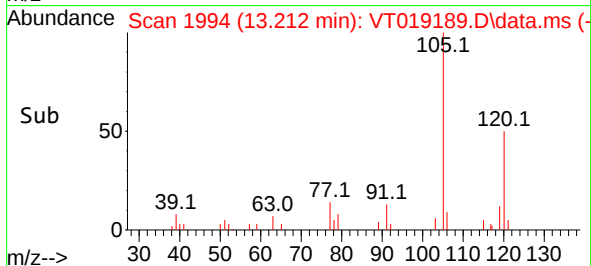
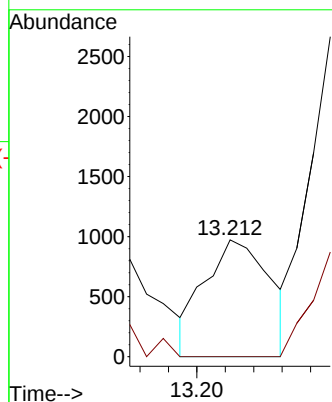
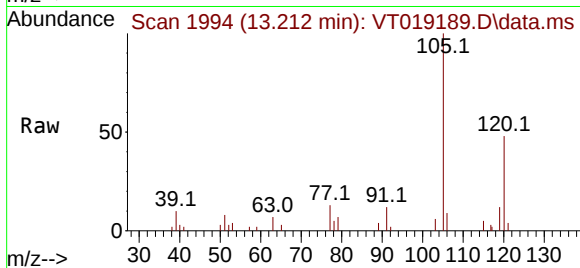




#78
4-Chlorotoluene
Concen: 0.344 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

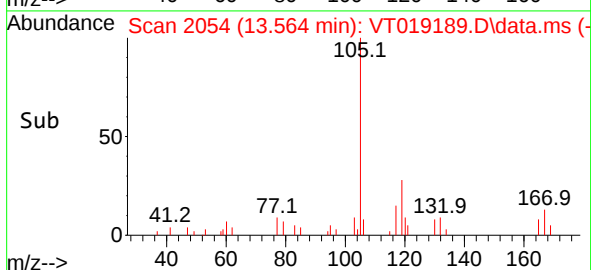
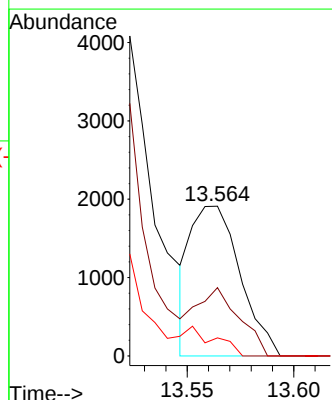
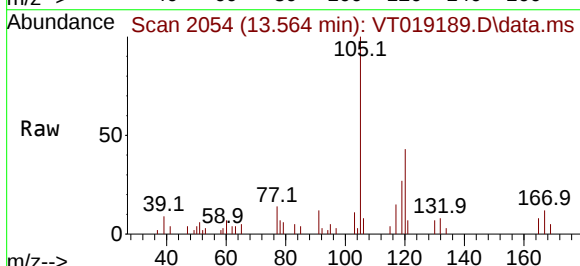
Instrument :
MSVOA_T
ClientSampleId :
MDL07

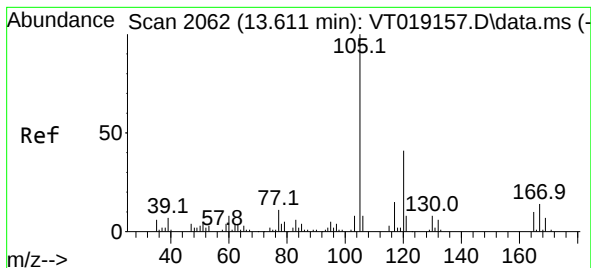
Tgt Ion: 91 Resp: 1555
Ion Ratio Lower Upper
91 100
126 3.5 0.0 57.2



#79
tert-butylbenzene
Concen: 0.679 ug/l
RT: 13.564 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 119 Resp: 3075
Ion Ratio Lower Upper
119 100
91 40.7 0.0 120.6
134 4.8 0.0 46.0





#80

1,2,4-Trimethylbenzene

Concen: 2.601 ug/l

RT: 13.564 min Scan# 2062

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

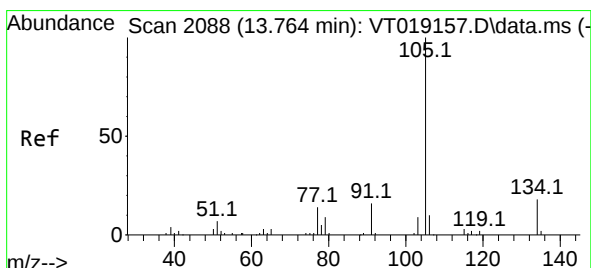
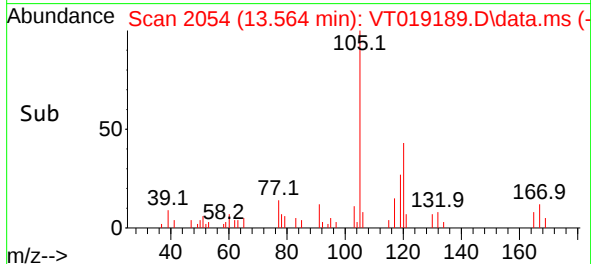
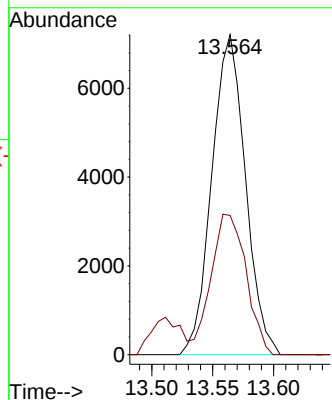
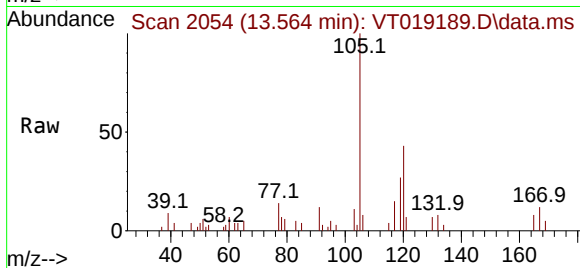
MDL07

Tgt Ion:105 Resp: 13830

Ion Ratio Lower Upper

105 100

120 46.1 0.0 88.6



#81

sec-Butylbenzene

Concen: 2.764 ug/l

RT: 13.711 min Scan# 2079

Delta R.T. -0.053 min

Lab File: VT019189.D

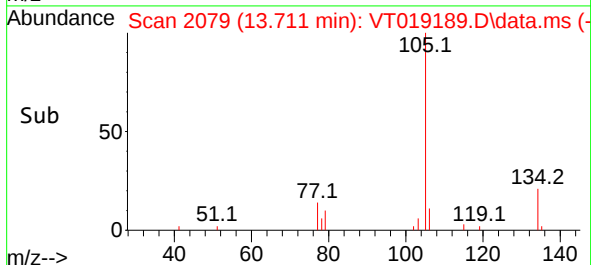
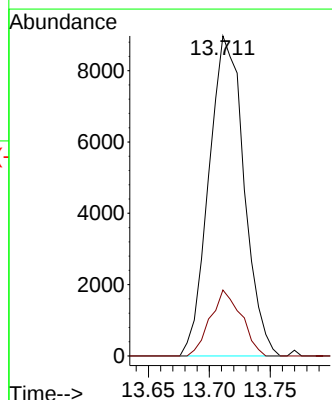
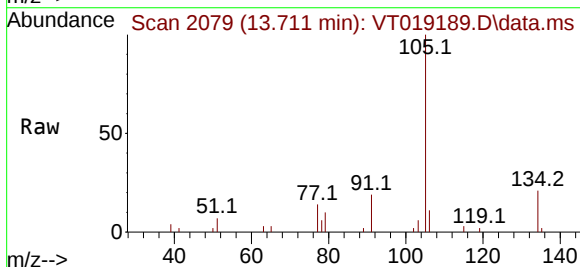
Acq: 27 Oct 2025 10:31

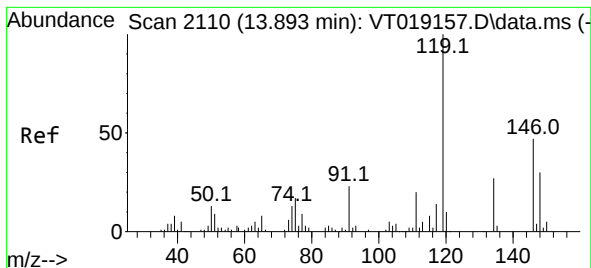
Tgt Ion:105 Resp: 18025

Ion Ratio Lower Upper

105 100

134 18.2 0.0 39.4





#82

p-Isopropyltoluene

Concen: 2.668 ug/l

RT: 13.846 min Scan# 2110

Delta R.T. -0.047 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

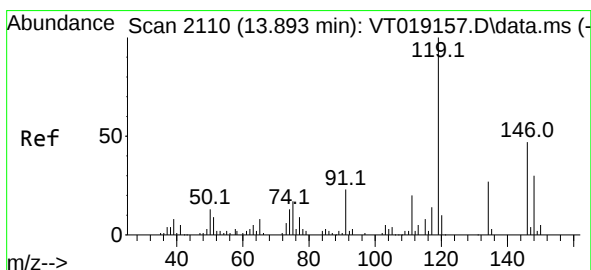
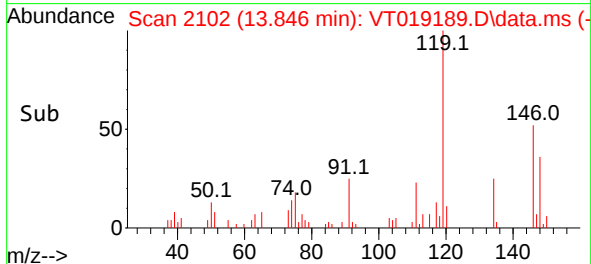
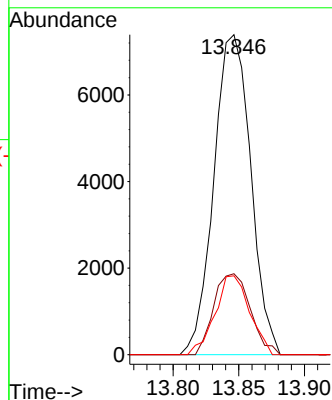
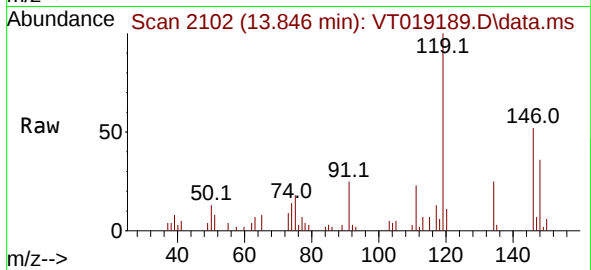
Tgt Ion:119 Resp: 14474

Ion Ratio Lower Upper

119 100

134 25.0 0.0 50.8

91 23.1 0.0 51.0



#83

1,3-Dichlorobenzene

Concen: 2.697 ug/l

RT: 13.934 min Scan# 2117

Delta R.T. 0.041 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

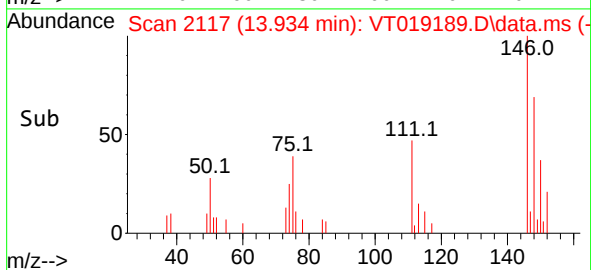
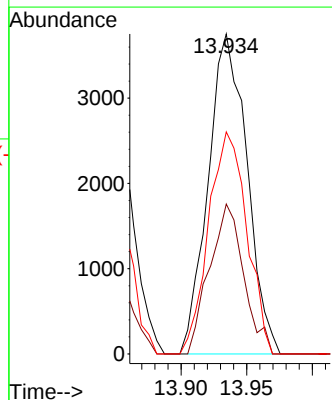
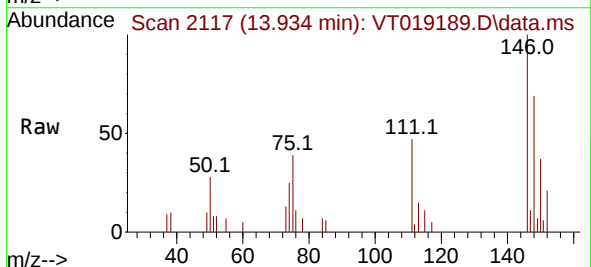
Tgt Ion:146 Resp: 7726

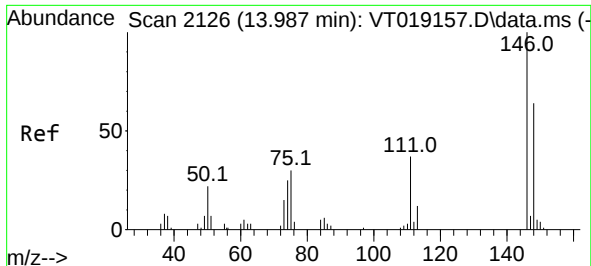
Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

148 68.4 31.8 95.3

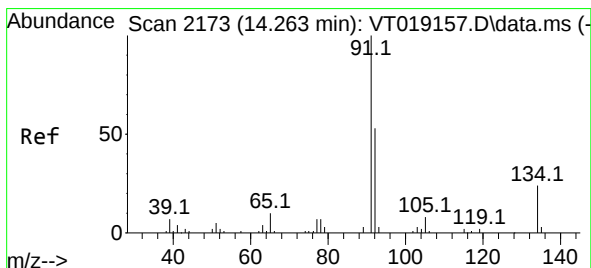
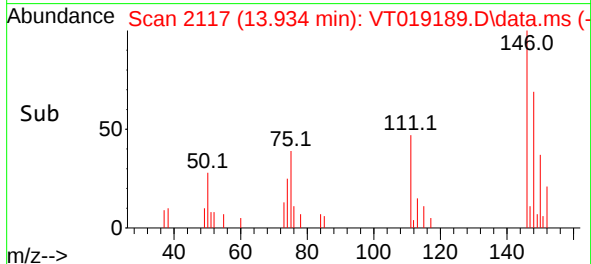
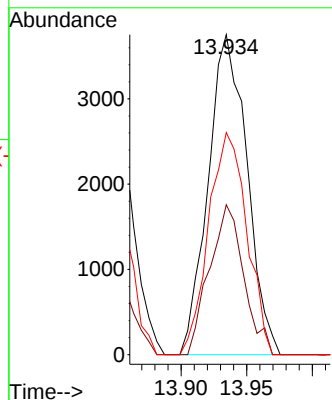
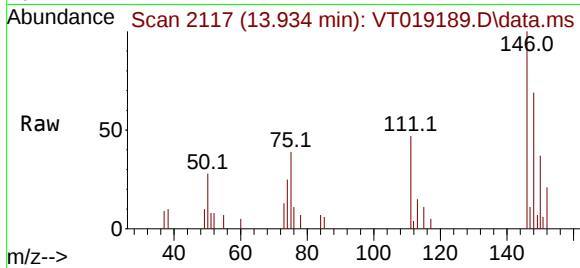




#84
1,4-Dichlorobenzene
Concen: 2.679 ug/l
RT: 13.934 min Scan# 2117
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

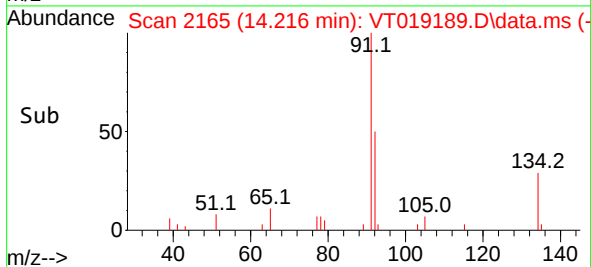
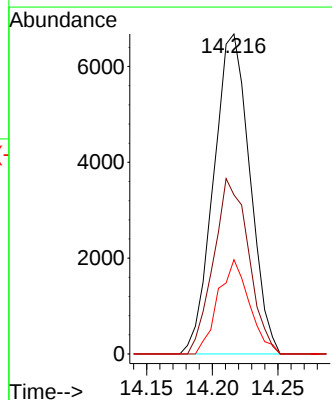
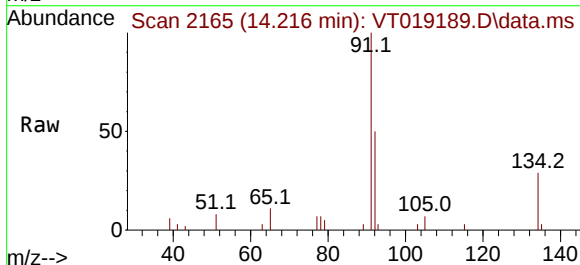
Instrument :
MSVOA_T
ClientSampleId :
MDL07

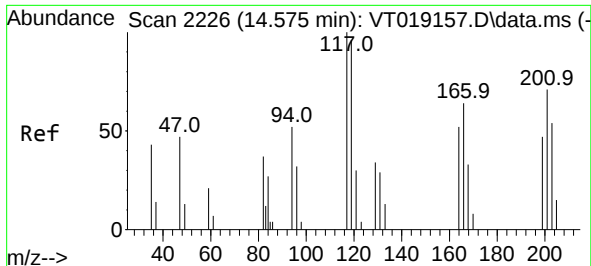
Tgt Ion:146 Resp: 7726
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 68.4 32.3 96.8



#85
n-Butylbenzene
Concen: 2.579 ug/l
RT: 14.216 min Scan# 2165
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion: 91 Resp: 12805
Ion Ratio Lower Upper
91 100
92 52.9 0.0 107.8
134 25.6 0.0 50.0

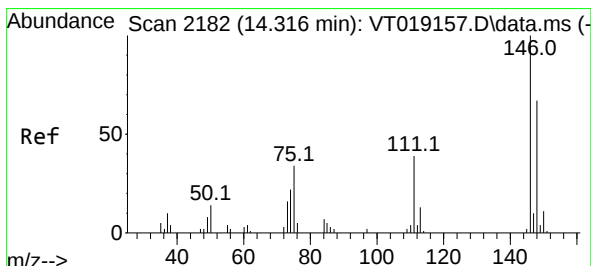
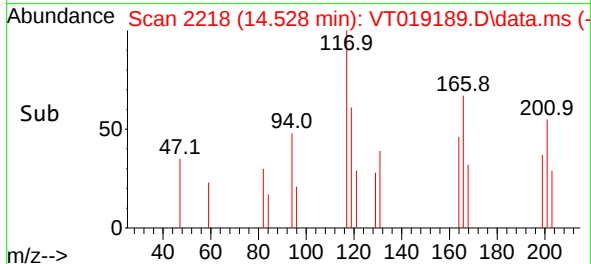
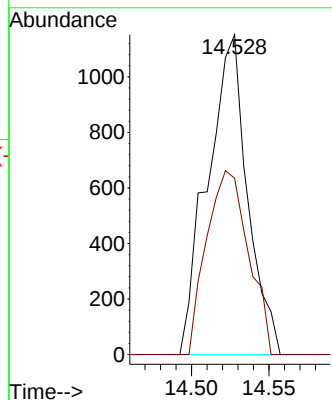
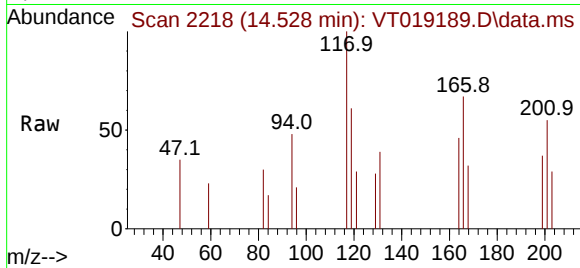




#86
Hexachloroethane
Concen: 2.833 ug/l
RT: 14.528 min Scan# 2173
Delta R.T. -0.047 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

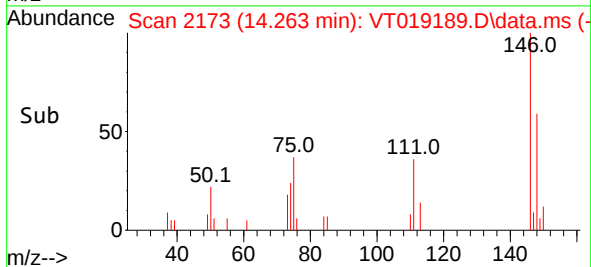
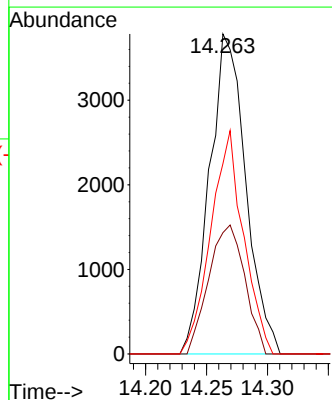
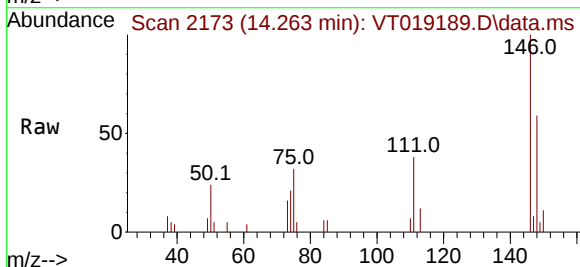
Instrument :
MSVOA_T
ClientSampleId :
MDL07

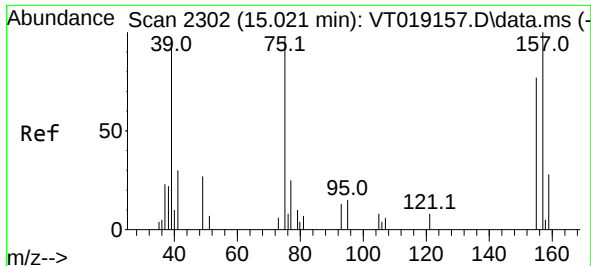
Tgt Ion:117 Resp: 2060
Ion Ratio Lower Upper
117 100
201 60.4 0.5 1.5#



#87
1,2-Dichlorobenzene
Concen: 2.740 ug/l
RT: 14.263 min Scan# 2173
Delta R.T. -0.053 min
Lab File: VT019189.D
Acq: 27 Oct 2025 10:31

Tgt Ion:146 Resp: 7842
Ion Ratio Lower Upper
146 100
111 40.2 21.8 65.3
148 63.1 32.4 97.0





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.983 ug/l

RT: 14.968 min Scan# 21

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

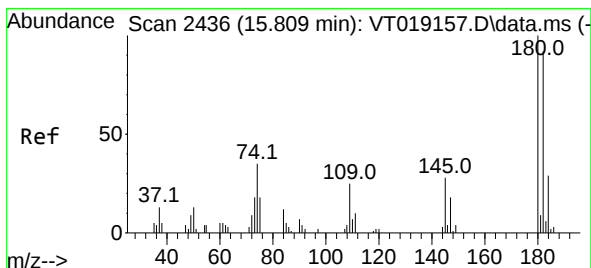
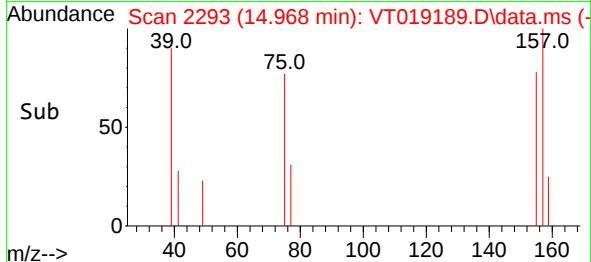
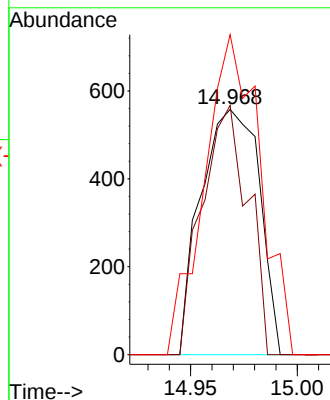
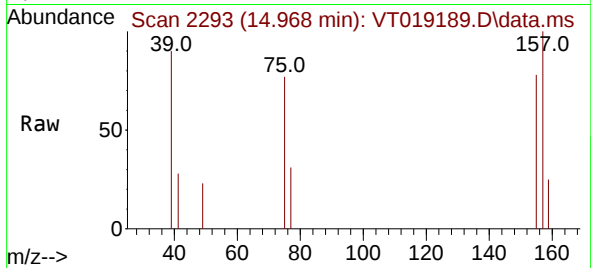
Tgt Ion: 75 Resp: 1062

Ion Ratio Lower Upper

75 100

155 80.3 65.4 98.2

157 124.3 82.0 123.0#



#89

1,2,4-Trichlorobenzene

Concen: 2.872 ug/l

RT: 15.750 min Scan# 2426

Delta R.T. -0.059 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

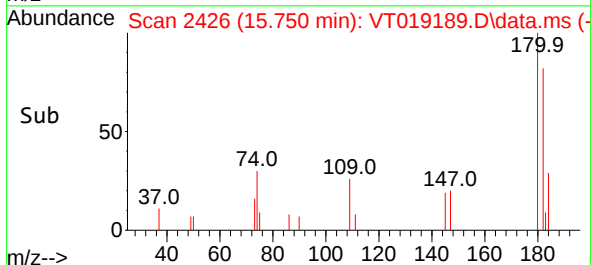
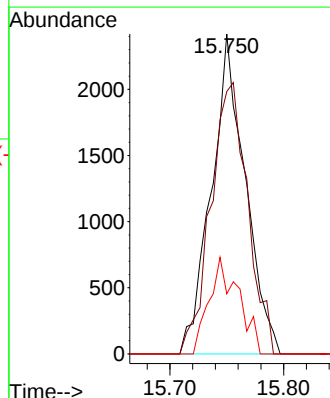
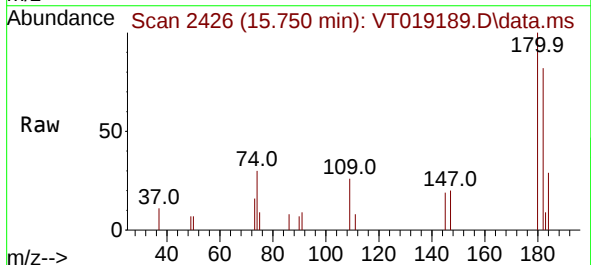
Tgt Ion:180 Resp: 5004

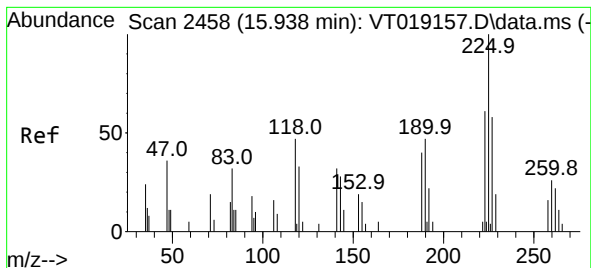
Ion Ratio Lower Upper

180 100

182 92.1 78.2 117.2

145 10.5 26.5 39.7#





#90

Hexachlorobutadiene

Concen: 2.671 ug/l

RT: 15.885 min Scan# 2458

Delta R.T. -0.053 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

Instrument :

MSVOA_T

ClientSampleId :

MDL07

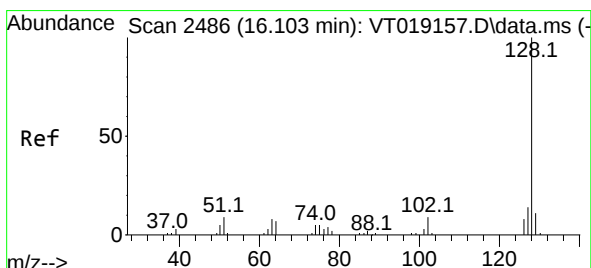
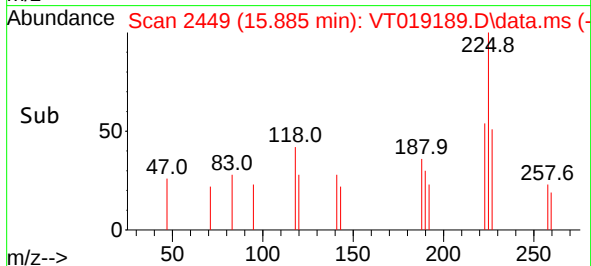
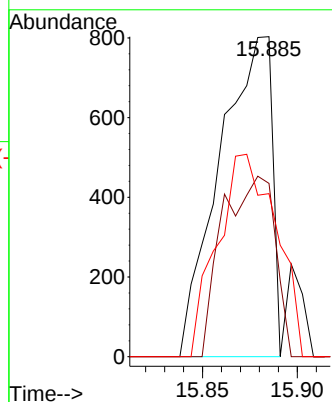
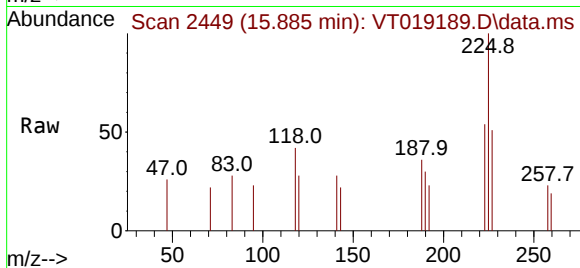
Tgt Ion:225 Resp: 1543

Ion Ratio Lower Upper

225 100

223 33.9 0.0 73.8

227 71.1 0.0 130.6



#91

Naphthalene

Concen: 2.662 ug/l

RT: 16.038 min Scan# 2475

Delta R.T. -0.059 min

Lab File: VT019189.D

Acq: 27 Oct 2025 10:31

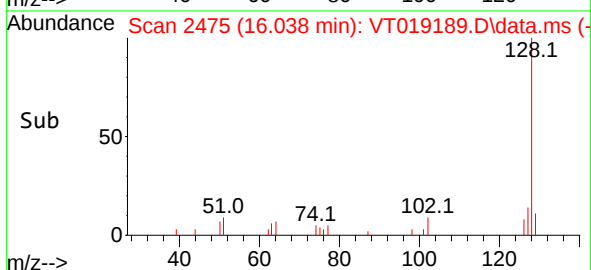
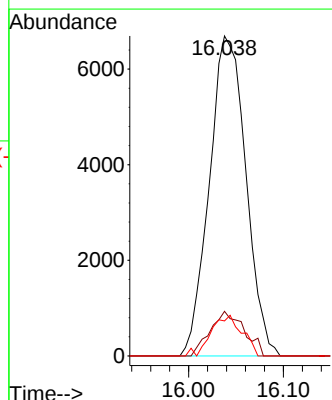
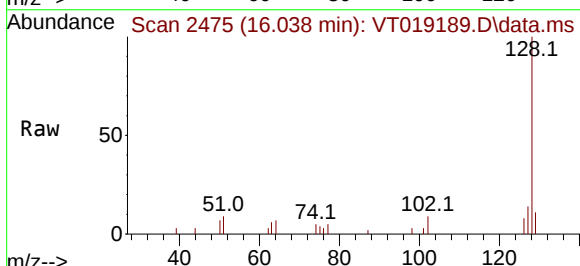
Tgt Ion:128 Resp: 17927

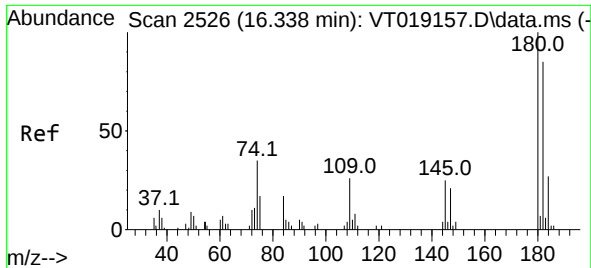
Ion Ratio Lower Upper

128 100

127 9.5 10.3 15.5#

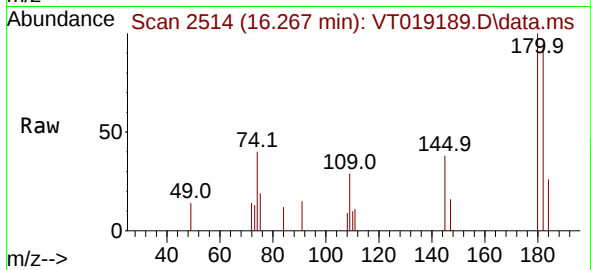
129 10.5 9.0 13.4





#92
 1,2,3-Trichlorobenzene
 Concen: 2.716 ug/l
 RT: 16.267 min Scan# 21
 Delta R.T. -0.071 min
 Lab File: VT019189.D
 Acq: 27 Oct 2025 10:31

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07



Tgt Ion:	180	Resp:	4775
Ion	Ratio	Lower	Upper
180	100		
182	99.6	0.0	189.0
145	22.5	0.0	69.2

