

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019186.D
 Acq On : 27 Oct 2025 9:16
 Operator : SY/MD
 Sample : VT1027WBL01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBL01

Quant Time: Oct 28 05:52:34 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	69	30.000	ug/l	# 0.04
28) 1,4-Difluorobenzene	8.535	114	152144	30.000	ug/l	-0.04
57) Chlorobenzene-d5	11.708	117	121465	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	63060	10431.525	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	= 34771.767%#	
60) 4-Bromofluorobenzene	12.842	95	54238	28.412	ug/l	-0.05
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.700%	
63) Toluene-d8	10.209	98	179758	30.406	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.367%	
Target Compounds						Qvalue
14) Acrylonitrile	4.804	53	68	18.005	ug/l	# 18
15) Acetone	3.723	58	153	113.707	ug/l	# 1
16) Carbon Disulfide	3.917	76	209	36.115	ug/l	# 75
18) Methylene Chloride	4.399	84	1132	244.952	ug/l	# 64
29) 1,1-Dichloropropene	7.530	75	148	0.093	ug/l	# 41
30) 2-Butanone	6.666	43	117	0.060	ug/l	# 56
33) Carbon Tetrachloride	7.536	117	126	0.098	ug/l	# 3
36) 1,2-Dichloroethane	8.529	62	5501	2.516	ug/l	# 76
43) Ethyl Acetate	6.666	43	117	0.036	ug/l	# 67
51) Ethyl methacrylate	10.221	69	299	0.114	ug/l	# 98
55) 2-Chloroethyl vinyl ether	10.221	63	130	0.170	ug/l	# 45
58) 4-Methyl-2-Pentanone	10.186	43	57	0.019	ug/l	# 1
59) 2-Hexanone	10.186	43	57	0.019	ug/l	# 23
62) Toluene	10.280	91	233	0.043	ug/l	# 96
64) Chlorobenzene	11.731	112	201	0.060	ug/l	# 45
66) Ethyl Benzene	11.819	91	296	0.050	ug/l	# 43
67) m/p-Xylenes	11.931	106	123	0.056	ug/l	# 77
68) o-Xylene	11.954	106	290	0.128	ug/l	# 72
69) Styrene	12.342	104	306	0.075	ug/l	# 25
70) Isopropylbenzene	12.665	105	402	0.072	ug/l	# 50
72) 1,2,3-Trichloropropane	12.842	75	31996	19.852	ug/l	# 39
74) n-propylbenzene	13.259	91	925	0.138	ug/l	# 79
75) 2-Chlorotoluene	13.259	91	925	0.225	ug/l	# 43
76) 1,3,5-Trimethylbenzene	13.212	105	444	0.097	ug/l	# 69
77) t-1,4-Dichloro-2-butene	12.842	75	31996	40.857	ug/l	# 7
78) 4-Chlorotoluene	13.147	91	434	0.107	ug/l	# 46
79) tert-butylbenzene	13.517	119	172	0.042	ug/l	# 70
80) 1,2,4-Trimethylbenzene	13.564	105	515	0.108	ug/l	# 89
81) sec-Butylbenzene	13.711	105	958	0.164	ug/l	# 86
82) p-Isopropyltoluene	13.846	119	669	0.138	ug/l	# 68
83) 1,3-Dichlorobenzene	13.841	146	616	0.240	ug/l	# 81
84) 1,4-Dichlorobenzene	13.841	146	616	0.238	ug/l	# 81
85) n-Butylbenzene	14.217	91	1910	0.429	ug/l	# 94
87) 1,2-Dichlorobenzene	13.929	146	418	0.163	ug/l	# 81
89) 1,2,4-Trichlorobenzene	15.750	180	1143	0.732	ug/l	# 56
90) Hexachlorobutadiene	15.879	225	206	0.398	ug/l	# 10
91) Naphthalene	16.044	128	9104	1.509	ug/l	# 89
92) 1,2,3-Trichlorobenzene	16.267	180	502	0.319	ug/l	# 44

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:05:07 2025
Response via : Initial Calibration

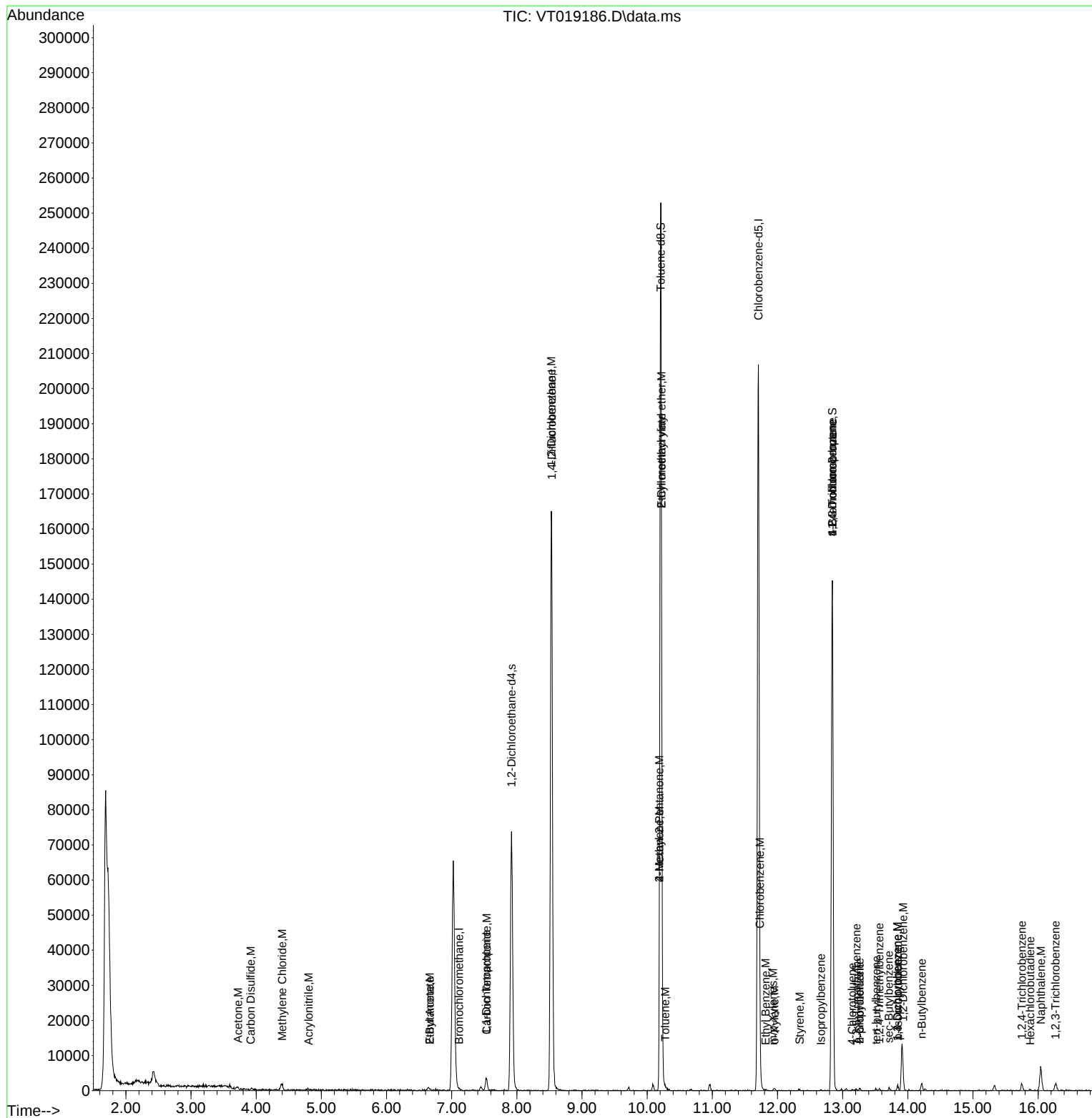
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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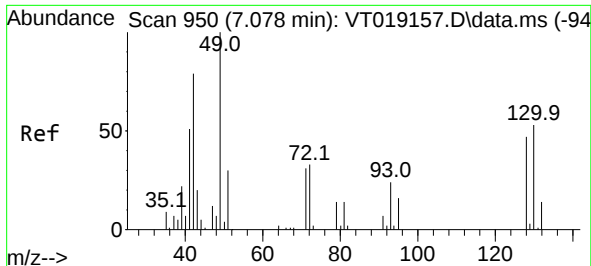
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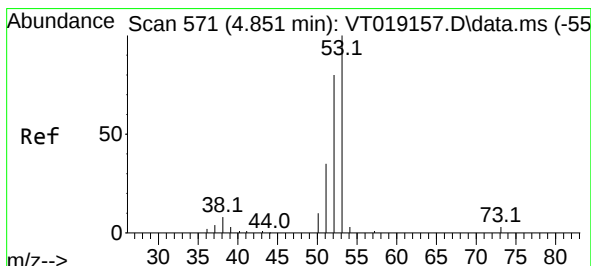
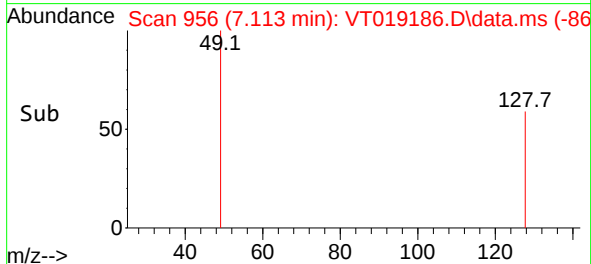
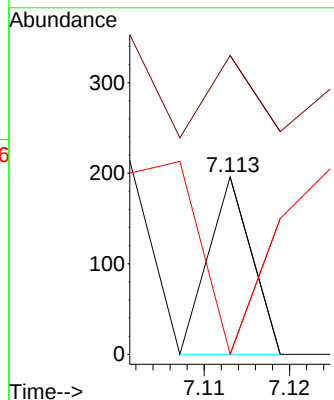
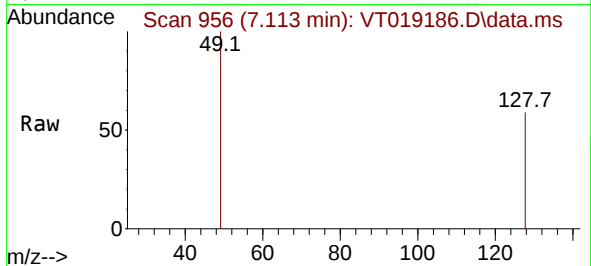




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.113 min Scan# 91
Delta R.T. 0.035 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

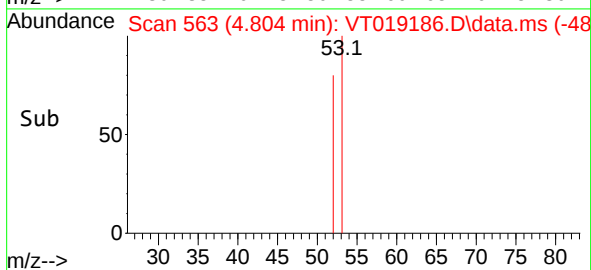
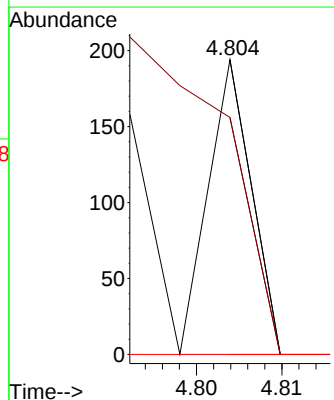
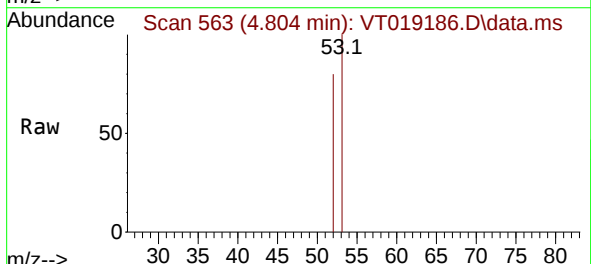
Instrument :
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ClientSampleId :
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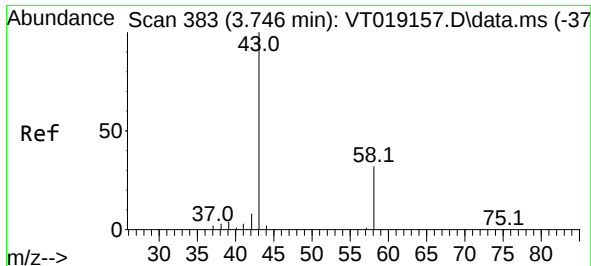
Tgt Ion:128 Resp: 69
Ion Ratio Lower Upper
128 100
49 188.4 0.0 0.0#
130 260.9 0.0 0.0#



#14
Acrylonitrile
Concen: 18.005 ug/l
RT: 4.804 min Scan# 563
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 53 Resp: 68
Ion Ratio Lower Upper
53 100
52 0.0 41.3 123.7#
51 0.0 17.2 51.5#

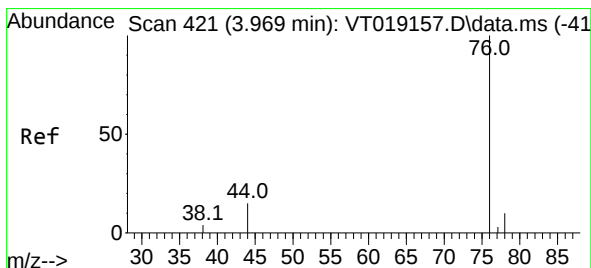
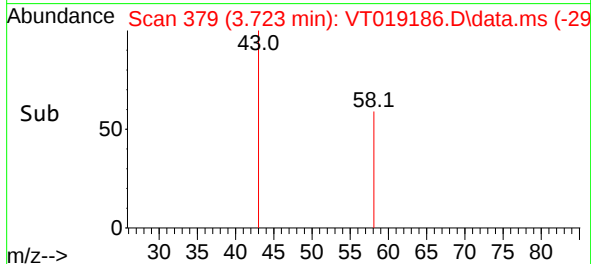
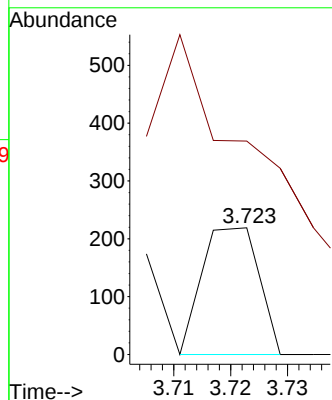
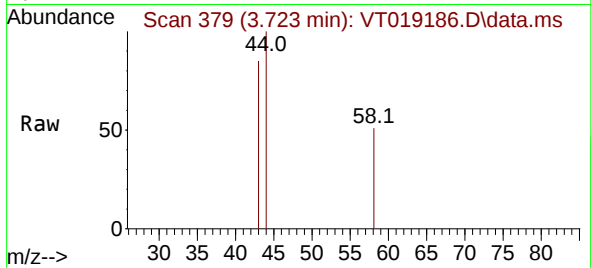




#15
Acetone
Concen: 113.707 ug/l
RT: 3.723 min Scan# 31
Delta R.T. -0.017 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

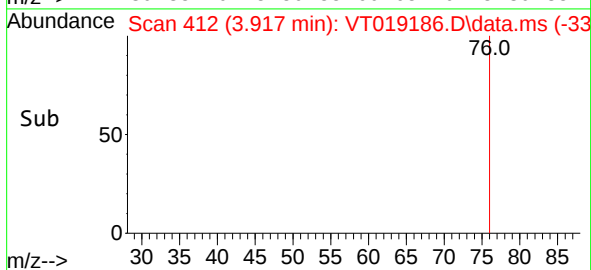
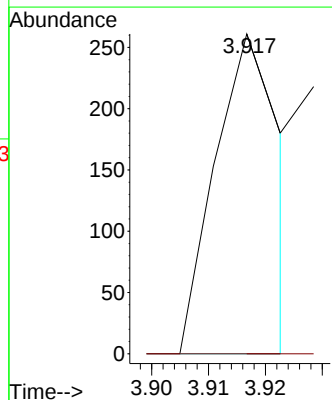
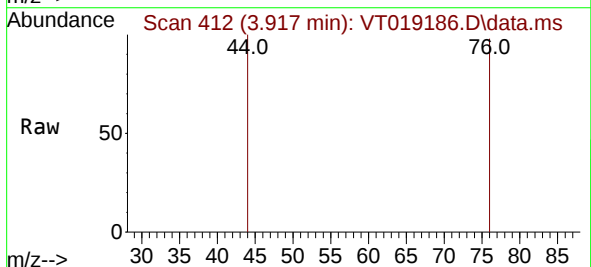
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

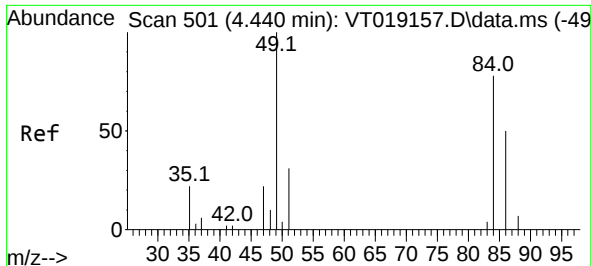
Tgt Ion: 58 Resp: 153
Ion Ratio Lower Upper
58 100
43 21.5 266.9 400.3#



#16
Carbon Disulfide
Concen: 36.115 ug/l
RT: 3.917 min Scan# 412
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 76 Resp: 209
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



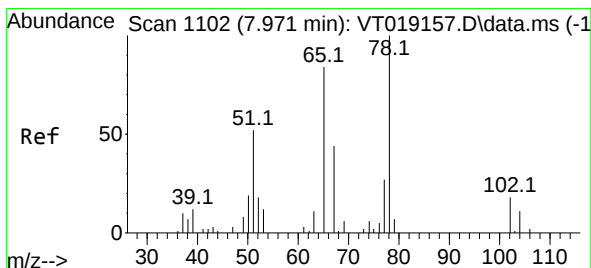
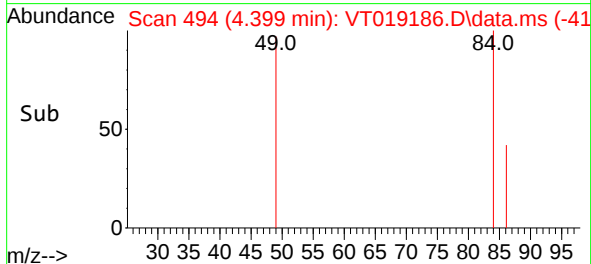
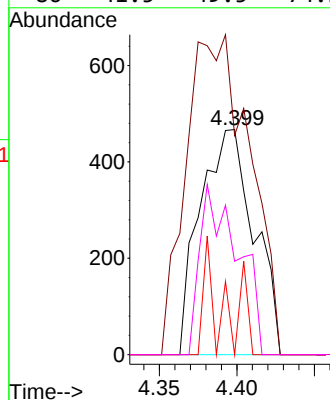
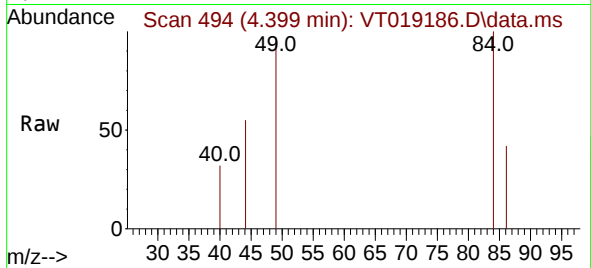


#18
Methylene Chloride
Concen: 244.952 ug/l
RT: 4.399 min Scan# 494
Delta R.T. -0.029 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

Tgt Ion: 84 Resp: 1132

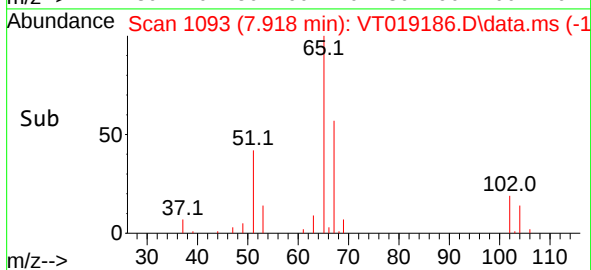
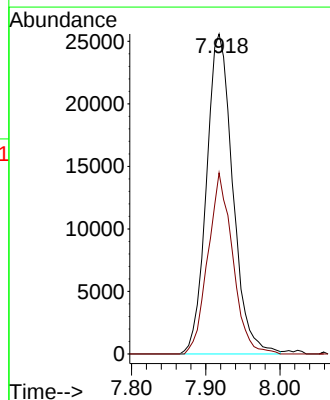
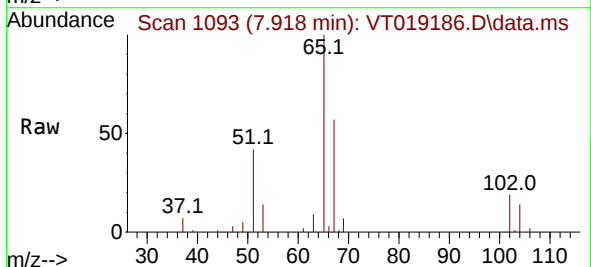
Ion	Ratio	Lower	Upper
84	100		
49	97.4	107.9	161.9#
51	0.0	33.4	50.2#
86	41.5	49.5	74.3#

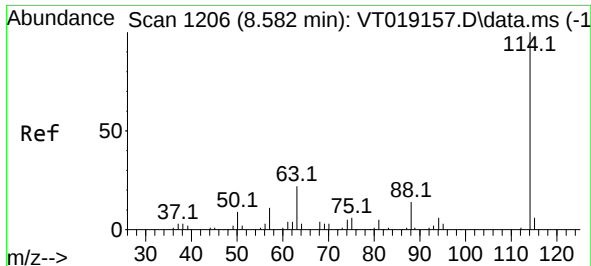


#27
1,2-Dichloroethane-d4
Concen: 10431.525 ug/l
RT: 7.918 min Scan# 1093
Delta R.T. -0.053 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 65 Resp: 63060

Ion	Ratio	Lower	Upper
65	100		
67	53.4	40.7	61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.535 min Scan# 1198

Delta R.T. -0.041 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBL01

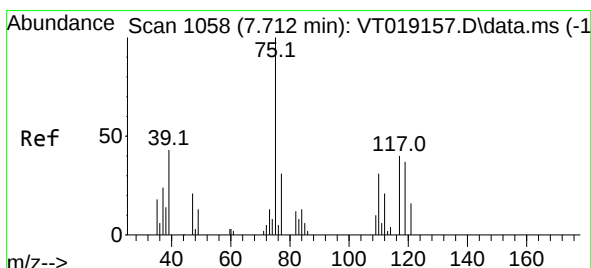
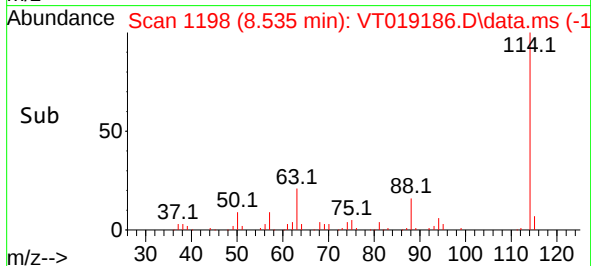
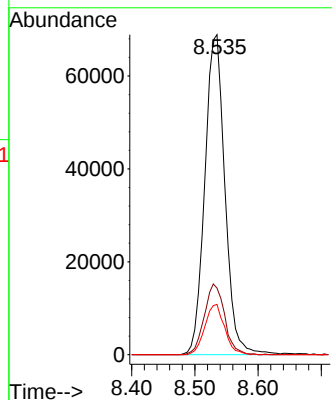
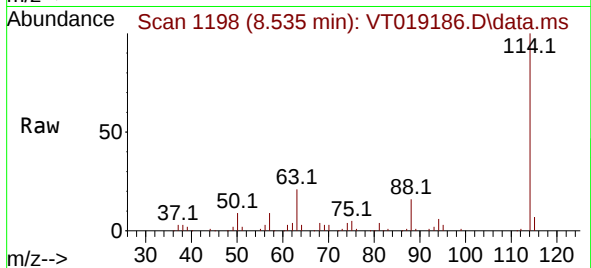
Tgt Ion:114 Resp: 152144

Ion Ratio Lower Upper

114 100

63 22.3 17.4 26.0

88 15.4 13.0 19.6



#29

1,1-Dichloropropene

Concen: 0.093 ug/l

RT: 7.530 min Scan# 1027

Delta R.T. -0.182 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

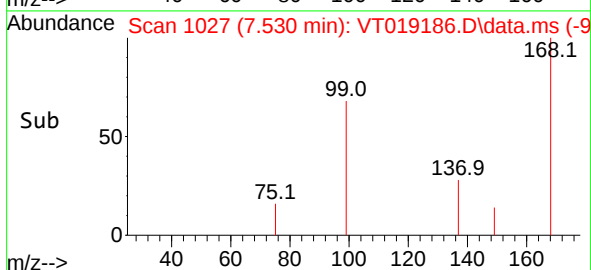
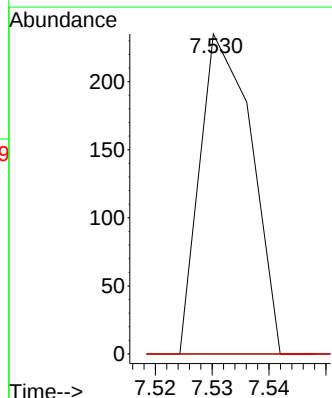
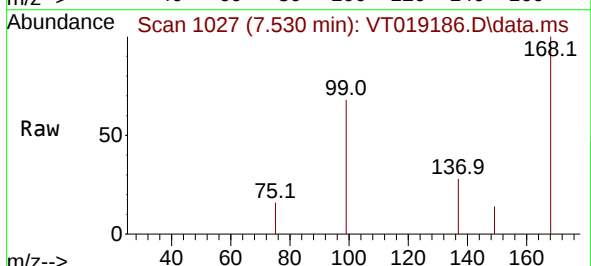
Tgt Ion: 75 Resp: 148

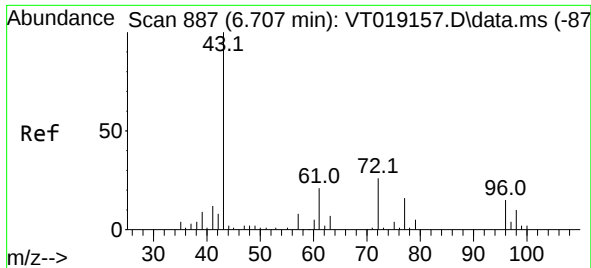
Ion Ratio Lower Upper

75 100

110 0.0 0.0 70.8

77 0.0 0.0 61.6

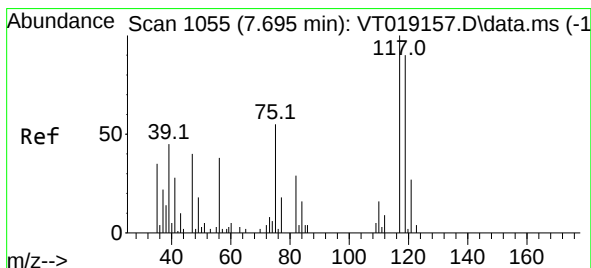
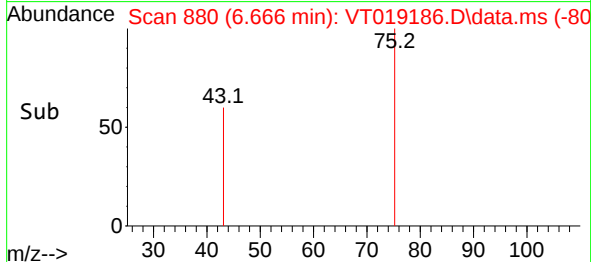
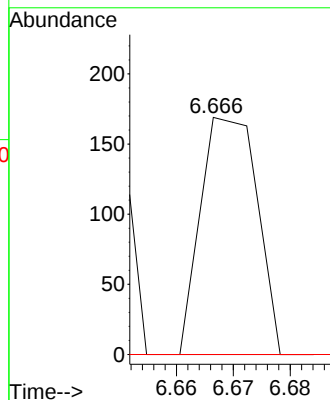
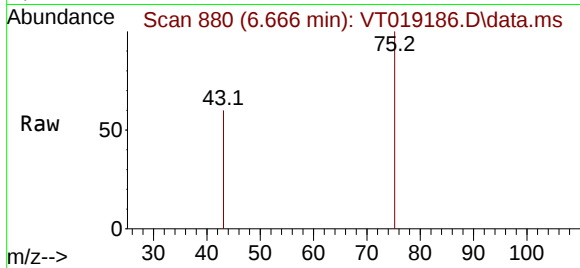




#30
2-Butanone
Concen: 0.060 ug/l
RT: 6.666 min Scan# 81
Delta R.T. -0.036 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

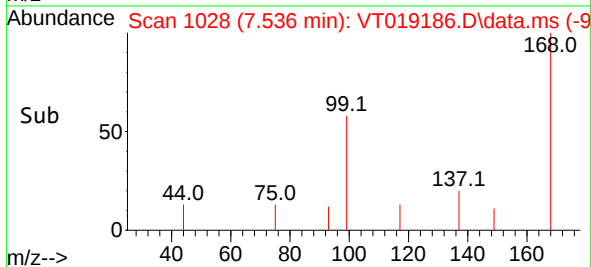
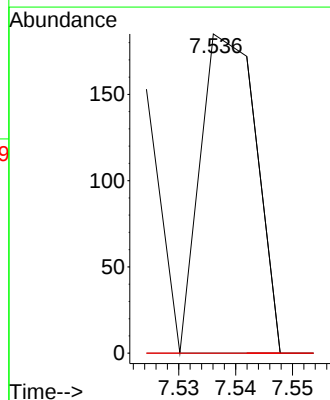
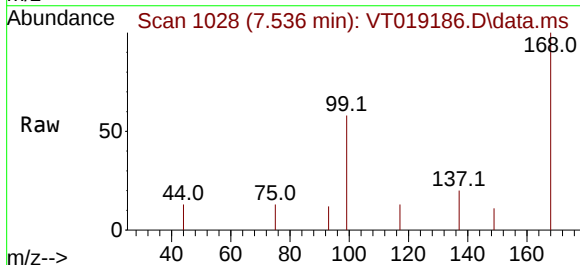
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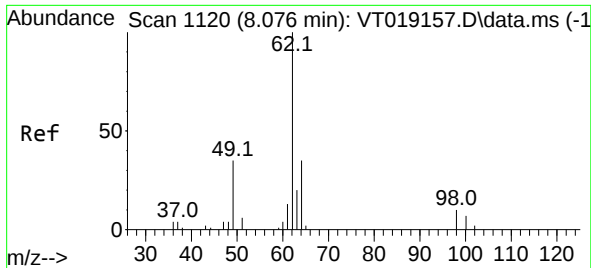
Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
57 0.0 5.9 8.9#
72 0.0 20.2 30.2#



#33
Carbon Tetrachloride
Concen: 0.098 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.159 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 117 Resp: 126
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 0.5 0.7#

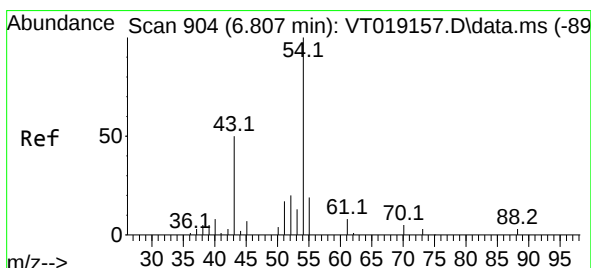
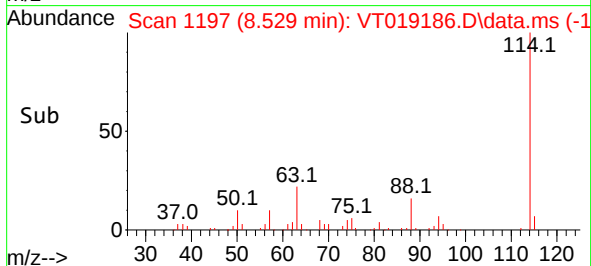
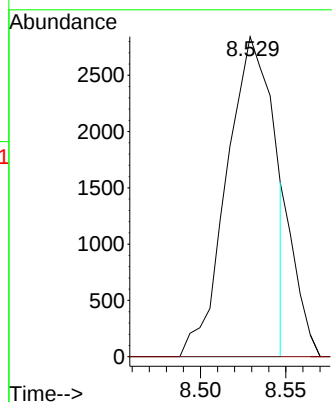
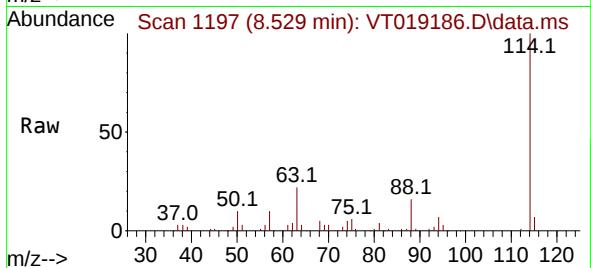




#36
1,2-Dichloroethane
Concen: 2.516 ug/l
RT: 8.529 min Scan# 1120
Delta R.T. 0.458 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

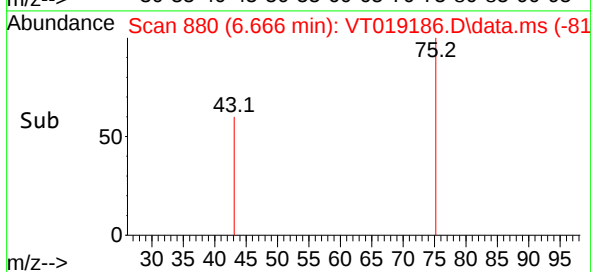
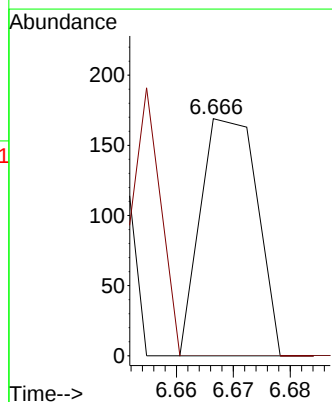
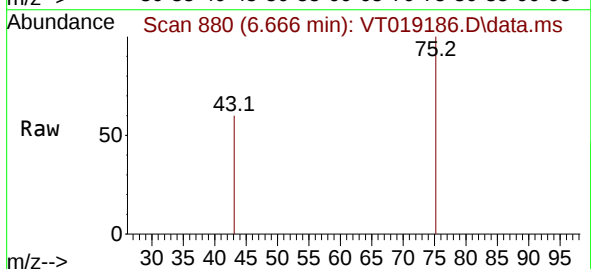
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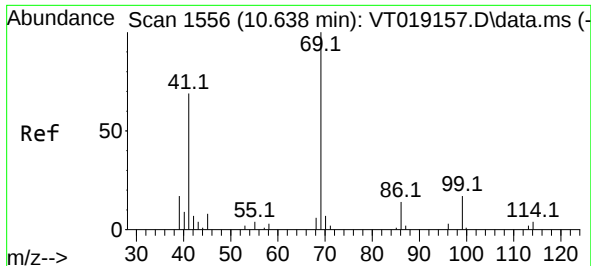
Tgt Ion: 62 Resp: 5501
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#43
Ethyl Acetate
Concen: 0.036 ug/l
RT: 6.666 min Scan# 880
Delta R.T. -0.135 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
45 0.0 10.6 16.0#

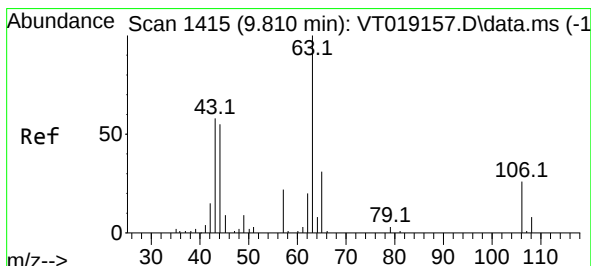
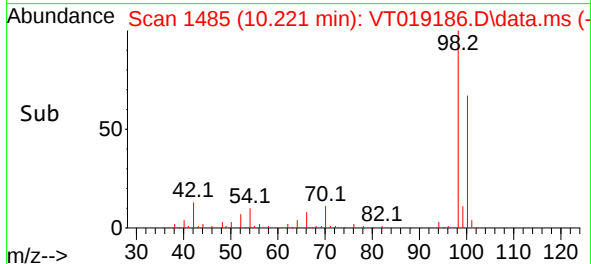
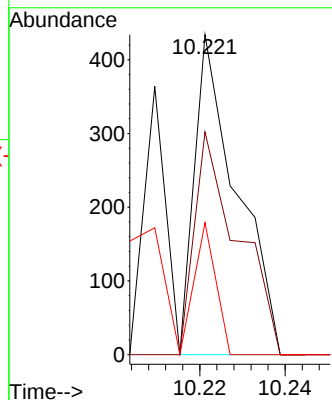
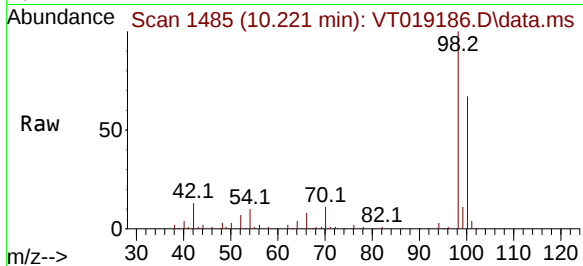




#51
Ethyl methacrylate
Concen: 0.114 ug/l
RT: 10.221 min Scan# 1485
Delta R.T. -0.417 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

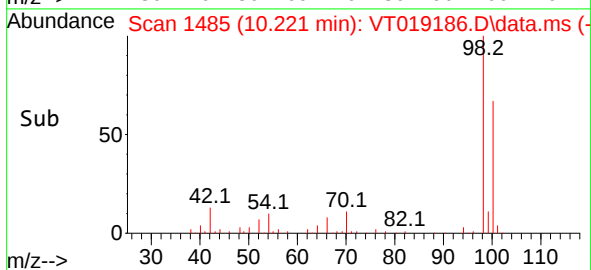
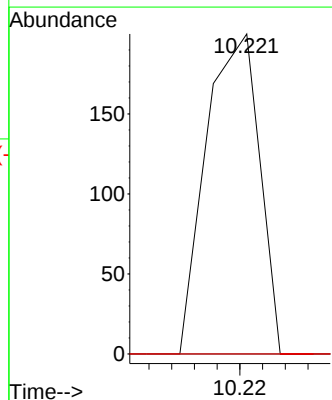
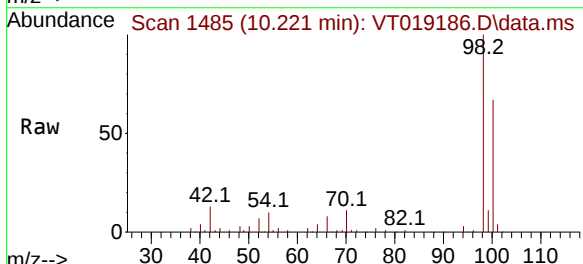
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

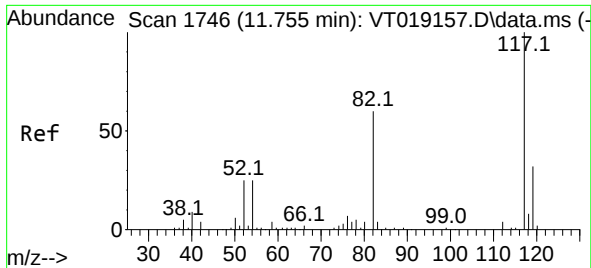
Tgt Ion: 69 Resp: 299
Ion Ratio Lower Upper
69 100
41 69.6 35.0 105.1
39 41.2 19.5 58.5



#55
2-Chloroethyl vinyl ether
Concen: 0.170 ug/l
RT: 10.221 min Scan# 1485
Delta R.T. 0.411 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 63 Resp: 130
Ion Ratio Lower Upper
63 100
65 0.0 25.8 38.6#
106 0.0 22.1 33.1#

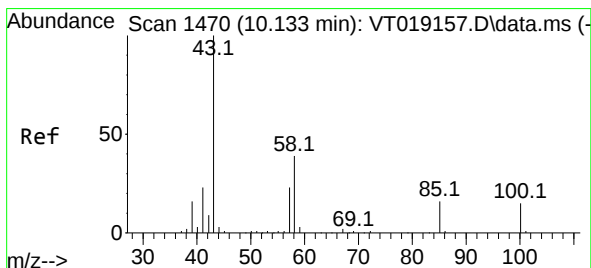
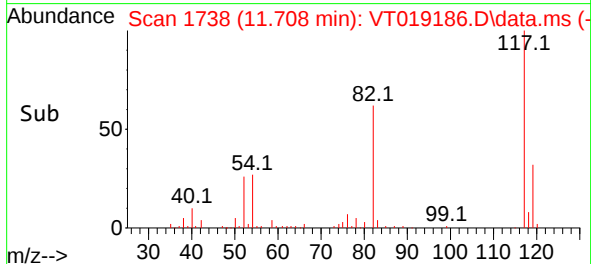
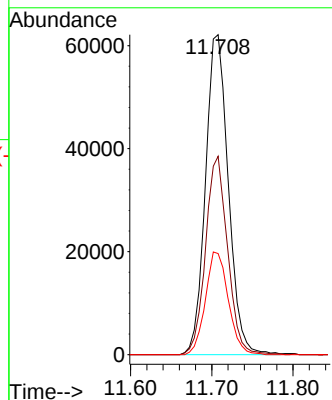
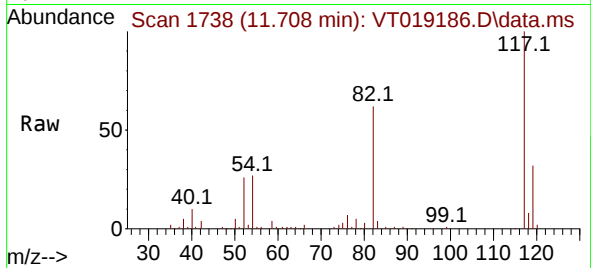




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.708 min Scan# 117
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

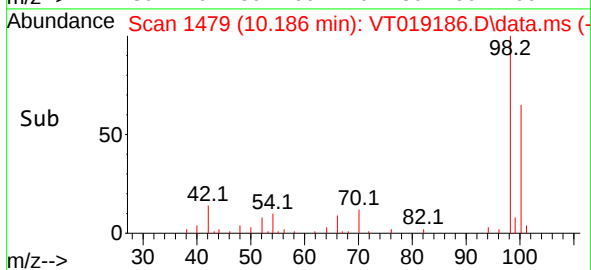
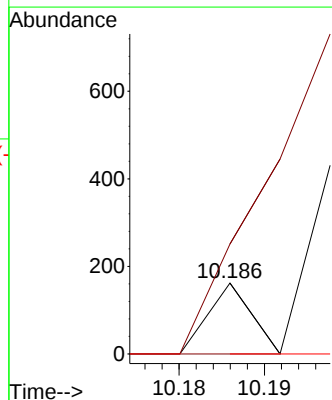
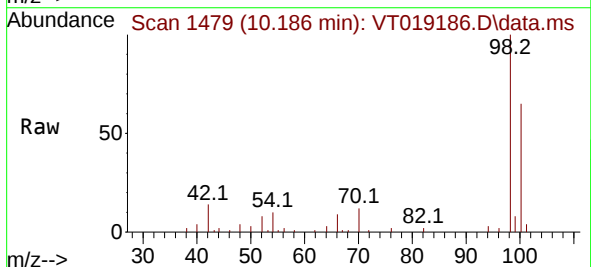
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

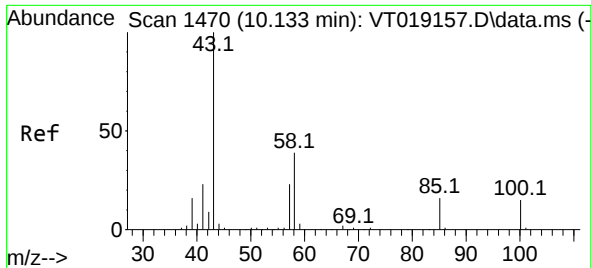
Tgt Ion:117 Resp: 121465
Ion Ratio Lower Upper
117 100
82 59.8 46.0 69.0
119 32.2 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 0.019 ug/l
RT: 10.186 min Scan# 1479
Delta R.T. 0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 115.8 30.6 45.8#
85 0.0 13.4 20.2#

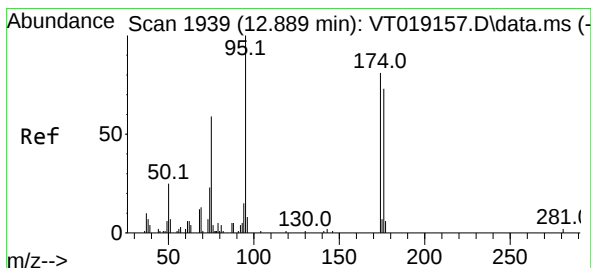
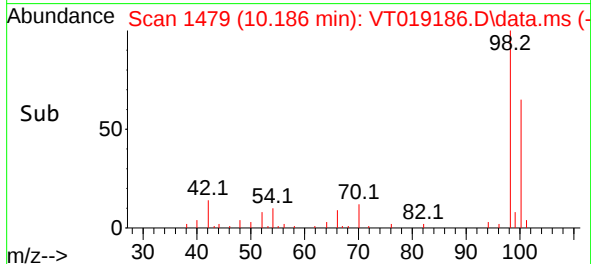
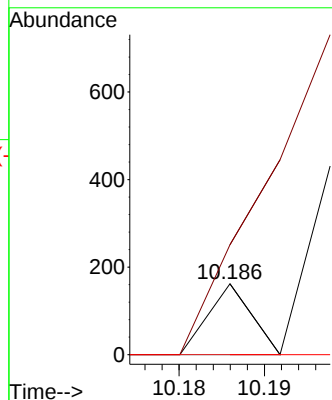
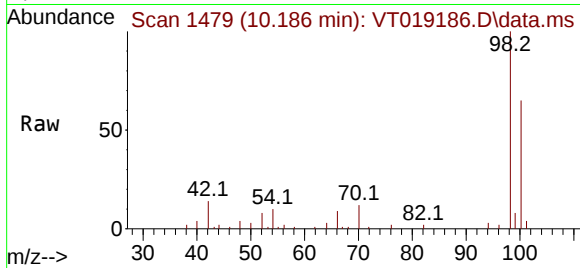




#59
2-Hexanone
Concen: 0.019 ug/l
RT: 10.186 min Scan# 1470
Delta R.T. 0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

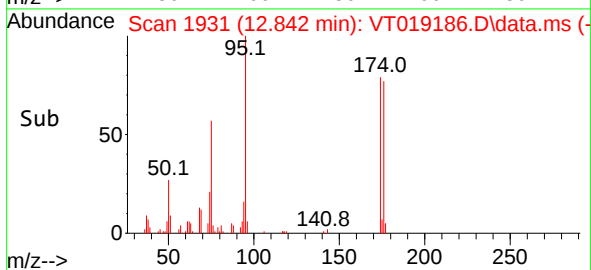
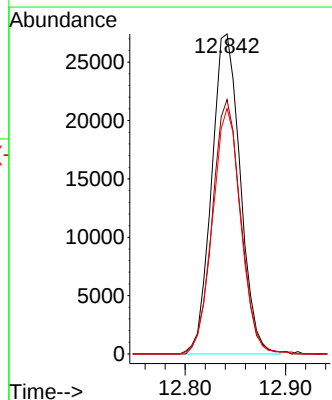
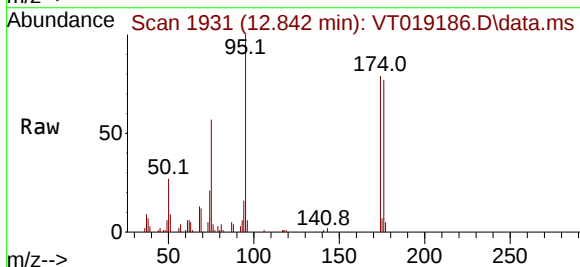
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

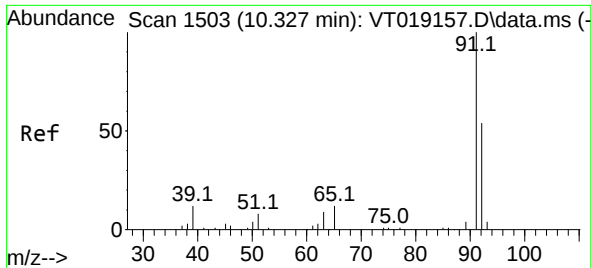
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 115.8 42.0 63.0#
57 0.0 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 28.412 ug/l
RT: 12.842 min Scan# 1931
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 95 Resp: 54238
Ion Ratio Lower Upper
95 100
174 78.4 57.5 86.3
176 76.3 56.4 84.6

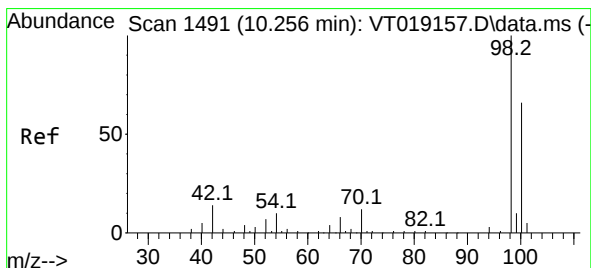
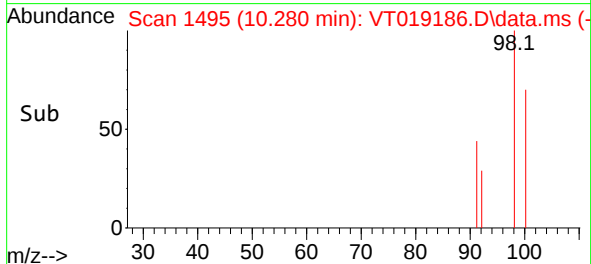
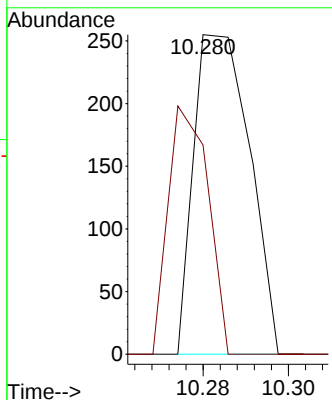
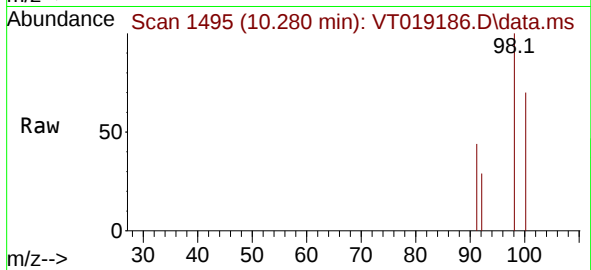




#62
Toluene
Concen: 0.043 ug/l
RT: 10.280 min Scan# 1483
Delta R.T. -0.053 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

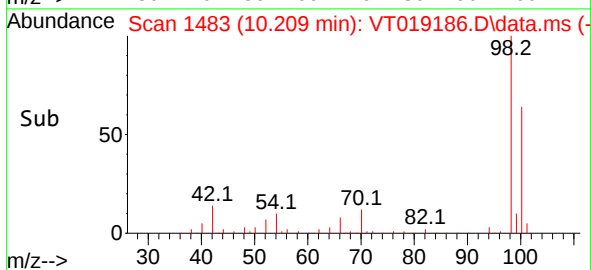
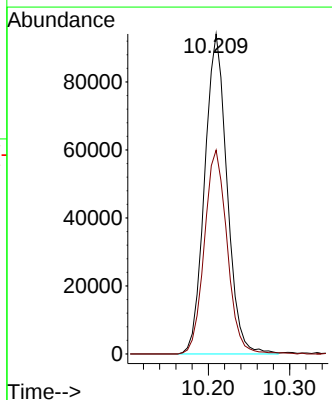
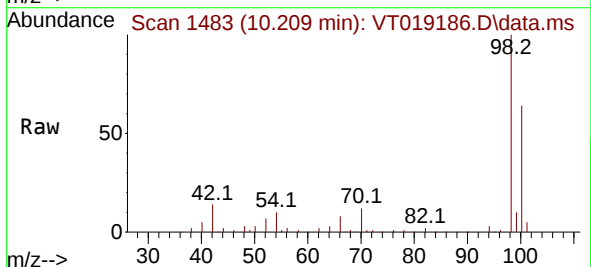
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

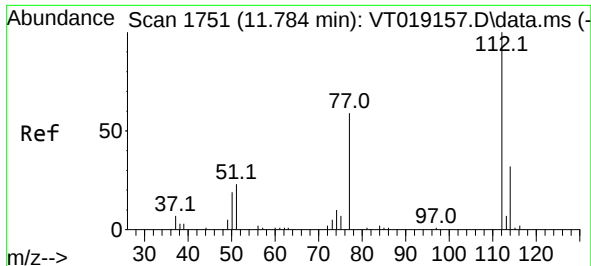
Tgt Ion: 91 Resp: 233
Ion Ratio Lower Upper
91 100
92 55.4 46.6 69.8



#63
Toluene-d8
Concen: 30.406 ug/l
RT: 10.209 min Scan# 1483
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 98 Resp: 179758
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3





#64

Chlorobenzene

Concen: 0.060 ug/l

RT: 11.731 min Scan# 11

Delta R.T. -0.053 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Instrument :

MSVOA_T

ClientSampleId :

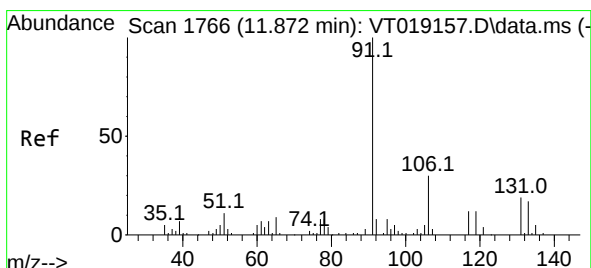
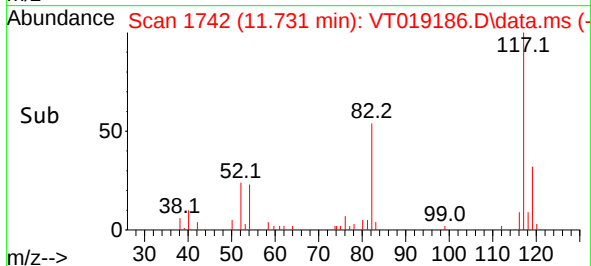
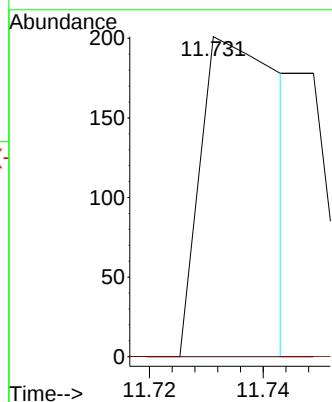
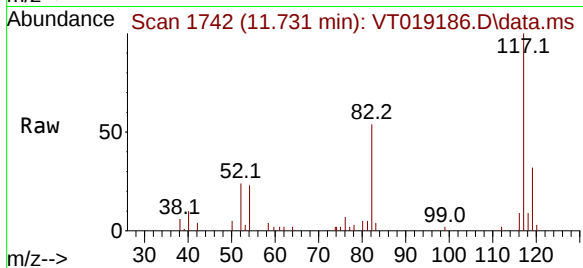
VT1027WBL01

Tgt Ion:112 Resp: 201

Ion Ratio Lower Upper

112 100

114 0.0 23.6 35.4#



#66

Ethyl Benzene

Concen: 0.050 ug/l

RT: 11.819 min Scan# 1757

Delta R.T. -0.053 min

Lab File: VT019186.D

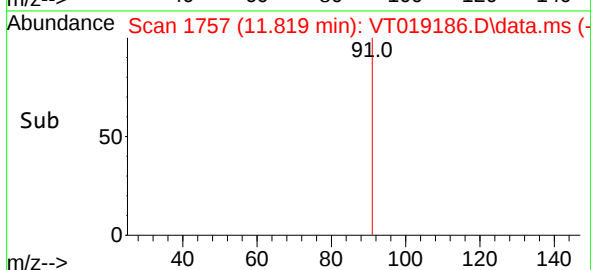
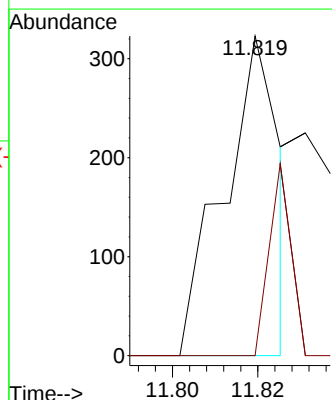
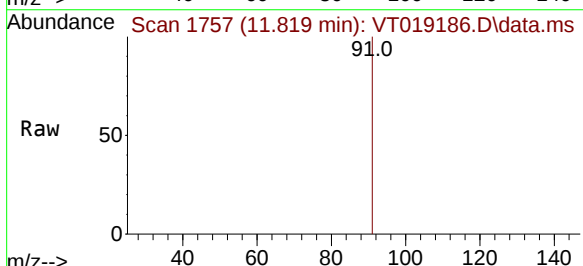
Acq: 27 Oct 2025 9:16

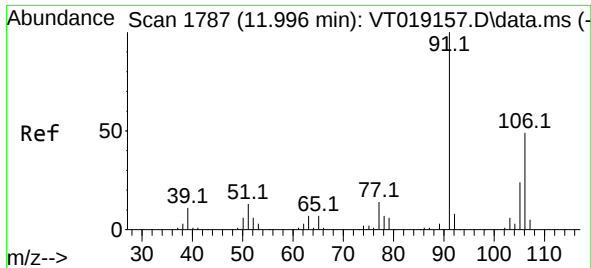
Tgt Ion: 91 Resp: 296

Ion Ratio Lower Upper

91 100

106 0.0 25.1 37.7#

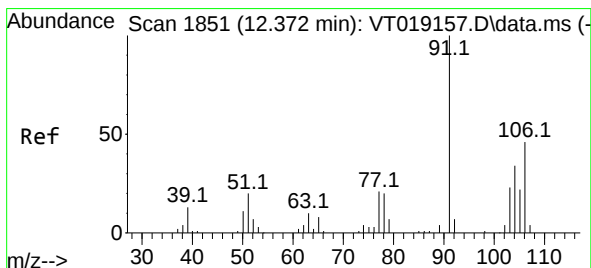
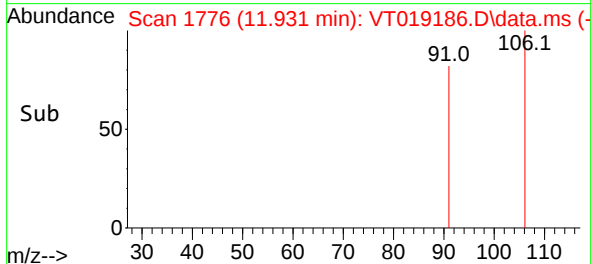
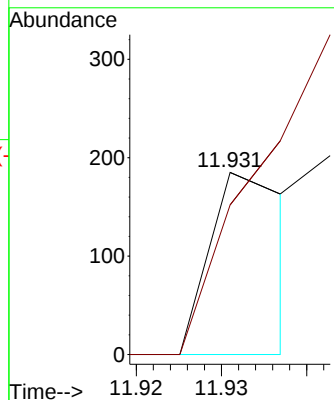
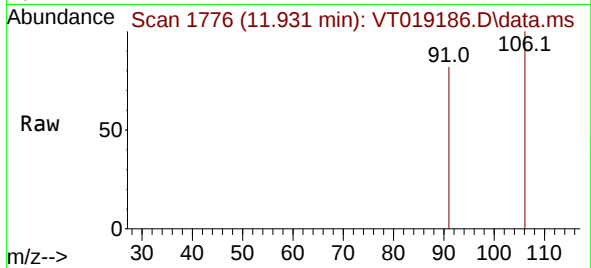




#67
m/p-Xylenes
Concen: 0.056 ug/l
RT: 11.931 min Scan# 11
Delta R.T. -0.064 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

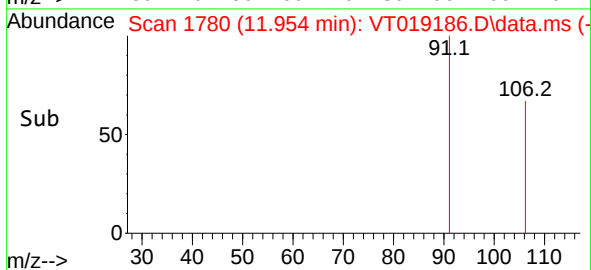
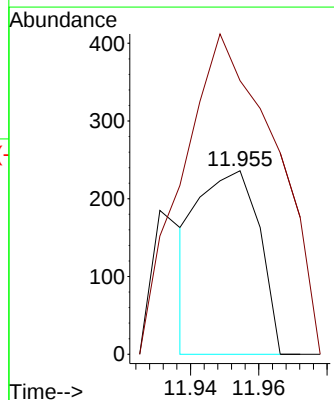
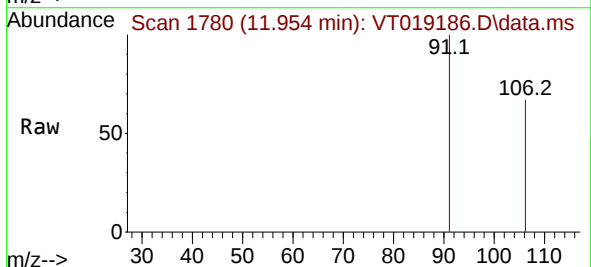
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

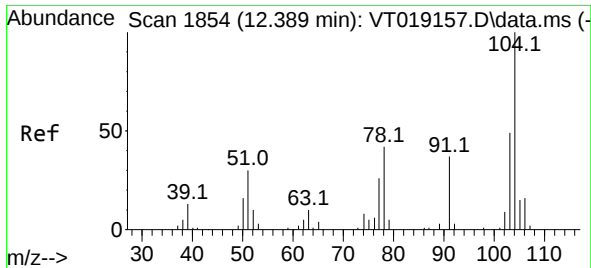
Tgt Ion:106 Resp: 123
Ion Ratio Lower Upper
106 100
91 240.7 164.4 246.6



#68
o-Xylene
Concen: 0.128 ug/l
RT: 11.954 min Scan# 1780
Delta R.T. -0.418 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion:106 Resp: 290
Ion Ratio Lower Upper
106 100
91 268.6 111.3 333.8

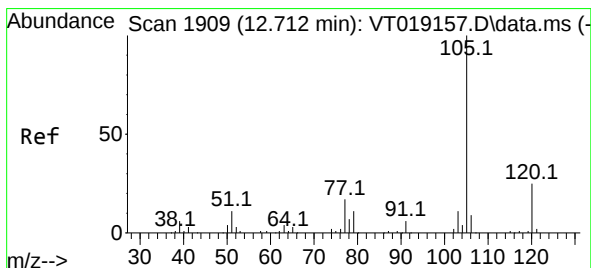
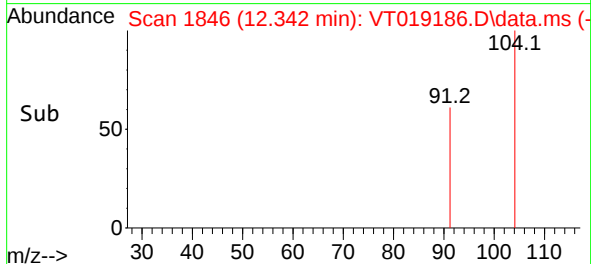
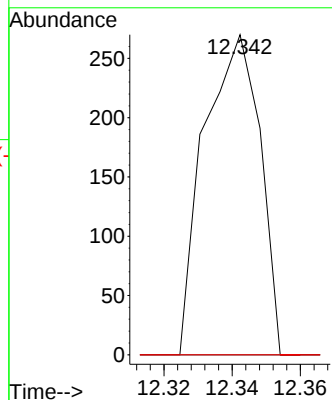
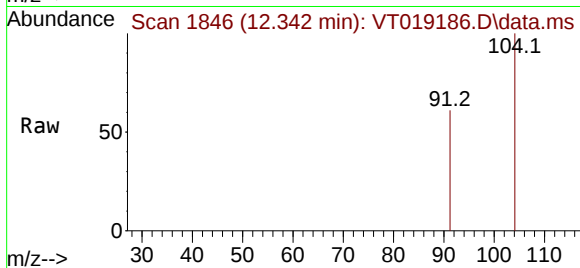




#69
Styrene
Concen: 0.075 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

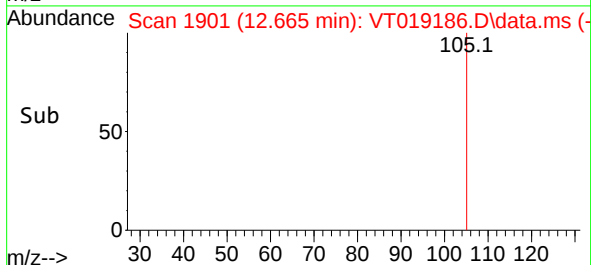
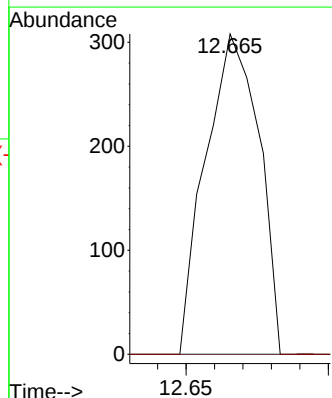
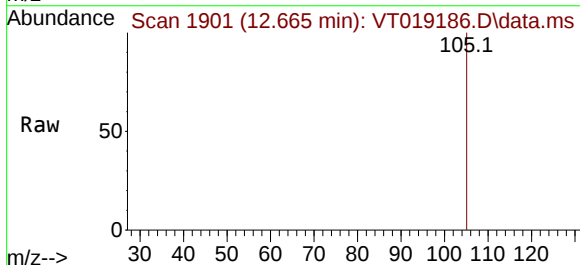
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

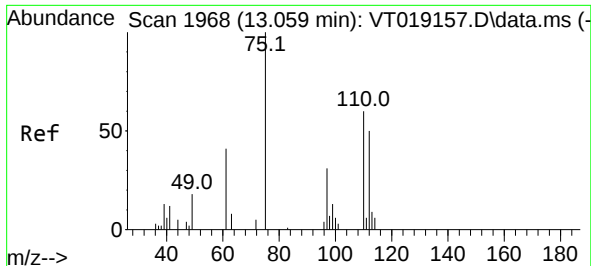
Tgt Ion:104 Resp: 306
Ion Ratio Lower Upper
104 100
78 0.0 42.6 63.8#
103 0.0 43.5 65.3#



#70
Isopropylbenzene
Concen: 0.072 ug/l
RT: 12.665 min Scan# 1901
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion:105 Resp: 402
Ion Ratio Lower Upper
105 100
120 0.0 17.8 33.0#

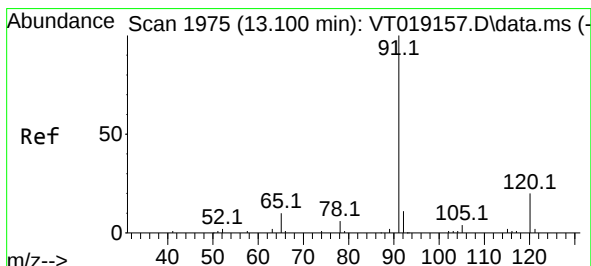
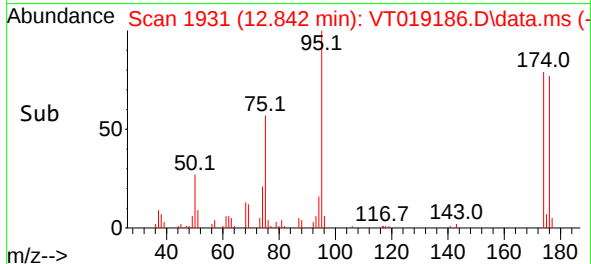
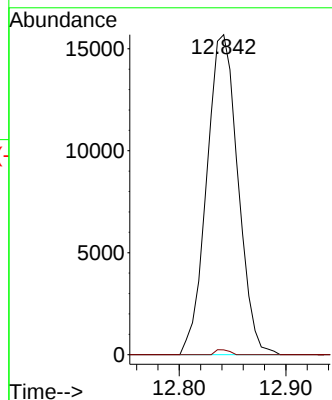
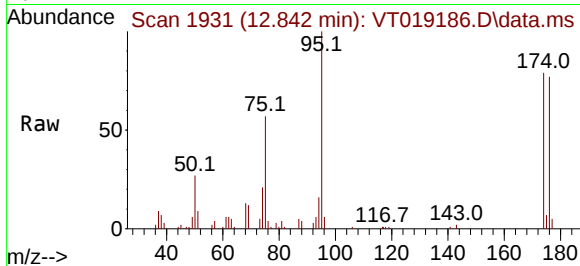




#72
1,2,3-Trichloropropane
Concen: 19.852 ug/l
RT: 12.842 min Scan# 1968
Delta R.T. -0.217 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

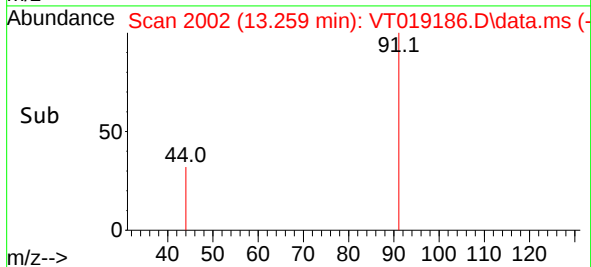
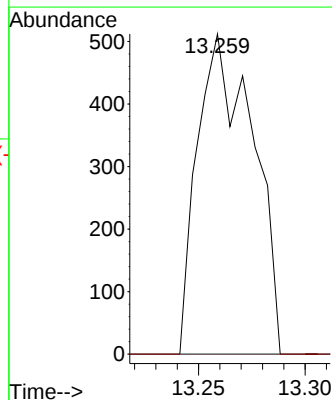
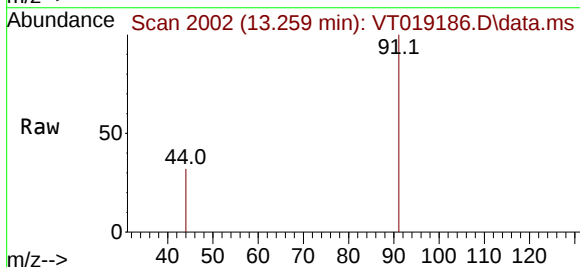
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

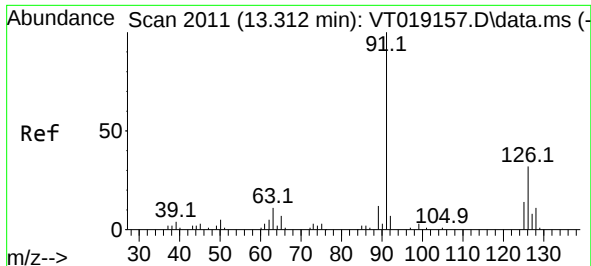
Tgt Ion: 75 Resp: 31996
Ion Ratio Lower Upper
75 100
77 0.7 0.0 74.2



#74
n-propylbenzene
Concen: 0.138 ug/l
RT: 13.259 min Scan# 2002
Delta R.T. 0.159 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 91 Resp: 925
Ion Ratio Lower Upper
91 100
120 12.3 0.0 44.4

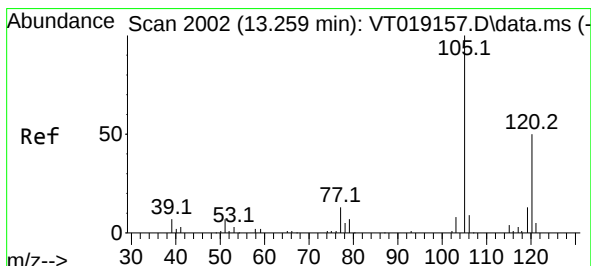
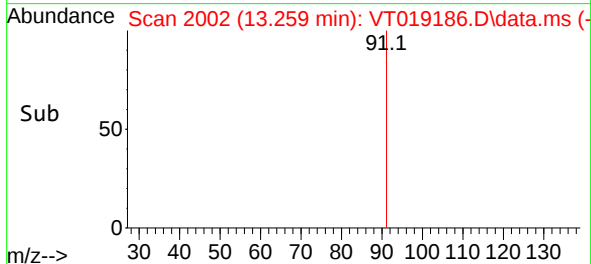
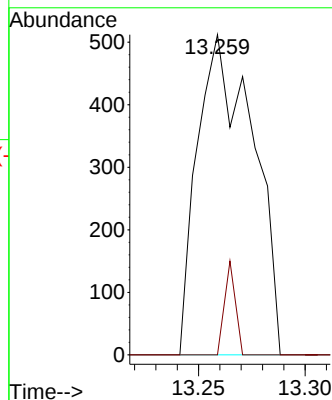
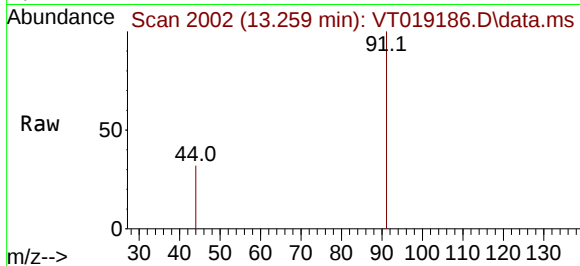




#75
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 13.259 min Scan# 2011
Delta R.T. -0.053 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

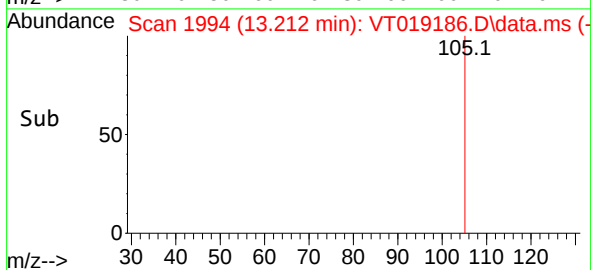
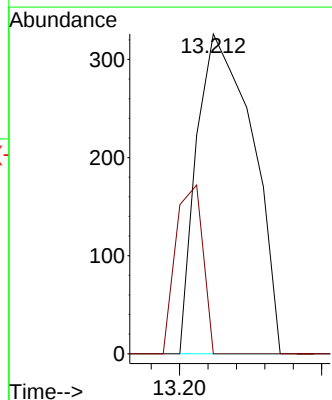
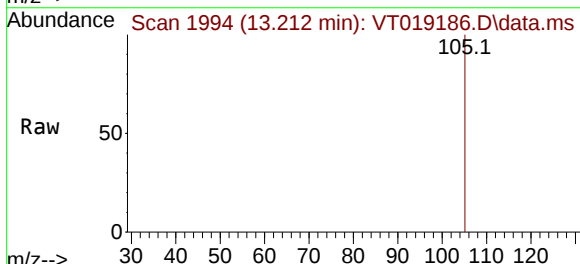
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

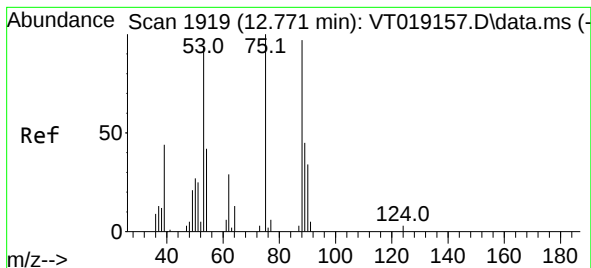
Tgt Ion: 91 Resp: 925
Ion Ratio Lower Upper
91 100
126 0.0 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 0.097 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 105 Resp: 444
Ion Ratio Lower Upper
105 100
120 25.7 0.0 93.0

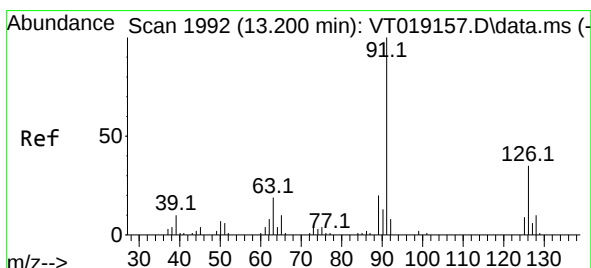
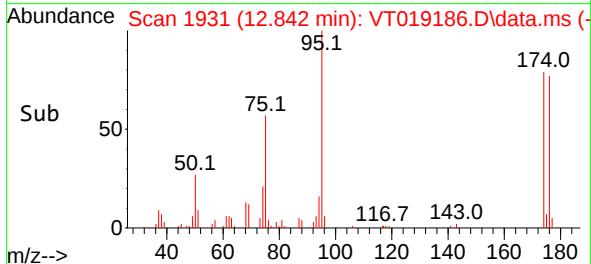
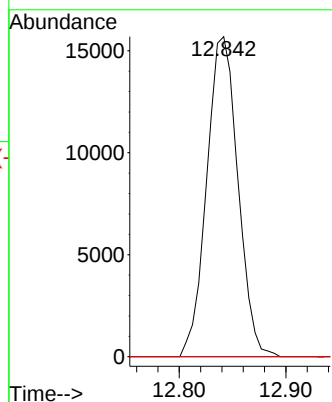
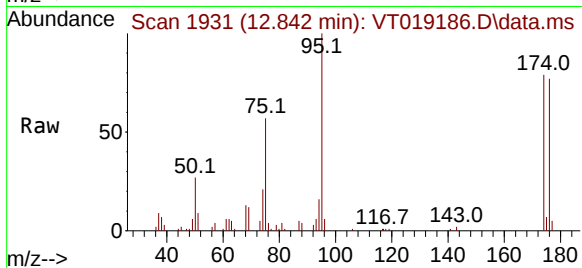




#77
t-1,4-Dichloro-2-butene
Concen: 40.857 ug/l
RT: 12.842 min Scan# 1931
Delta R.T. 0.077 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

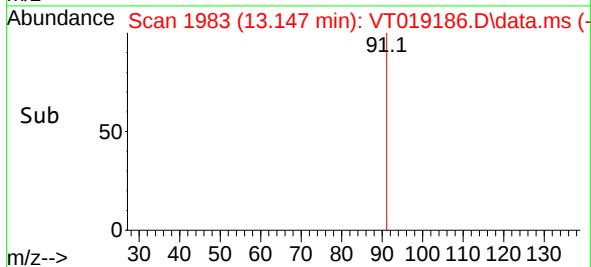
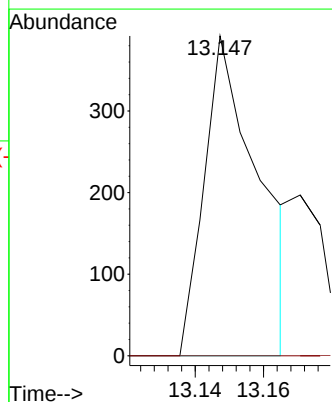
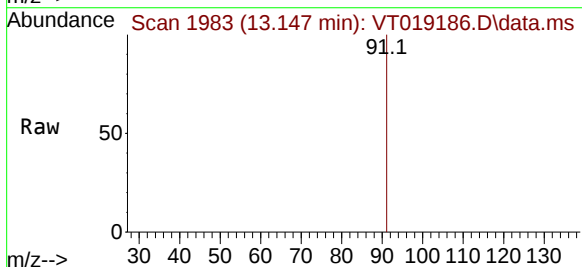
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

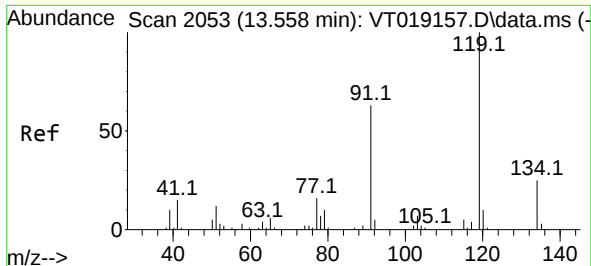
Tgt Ion: 75 Resp: 31996
Ion Ratio Lower Upper
75 100
53 0.0 48.4 145.2#
89 0.0 33.8 101.3#



#78
4-Chlorotoluene
Concen: 0.107 ug/l
RT: 13.147 min Scan# 1983
Delta R.T. -0.053 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion: 91 Resp: 434
Ion Ratio Lower Upper
91 100
126 0.0 0.0 57.2





#79

tert-butylbenzene

Concen: 0.042 ug/l

RT: 13.517 min Scan# 2046

Delta R.T. -0.041 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBL01

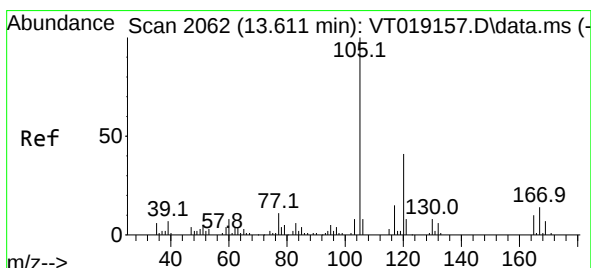
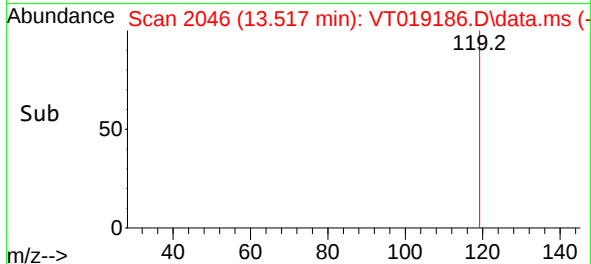
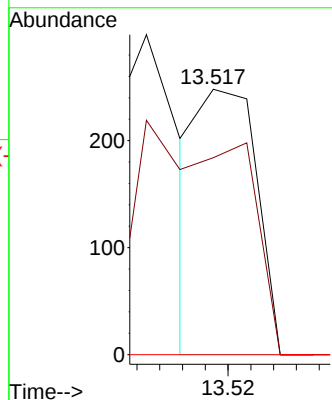
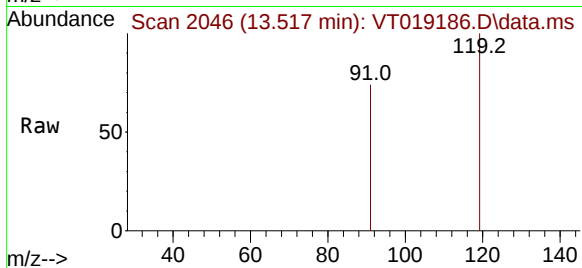
Tgt Ion:119 Resp: 172

Ion Ratio Lower Upper

119 100

91 78.5 0.0 120.6

134 0.0 0.0 46.0



#80

1,2,4-Trimethylbenzene

Concen: 0.108 ug/l

RT: 13.564 min Scan# 2054

Delta R.T. -0.047 min

Lab File: VT019186.D

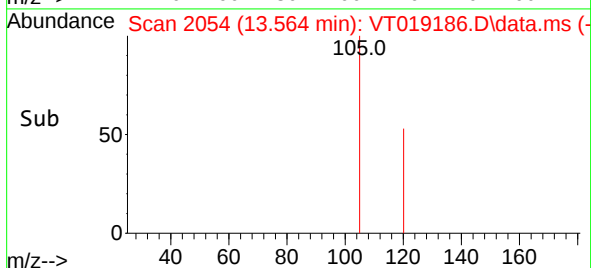
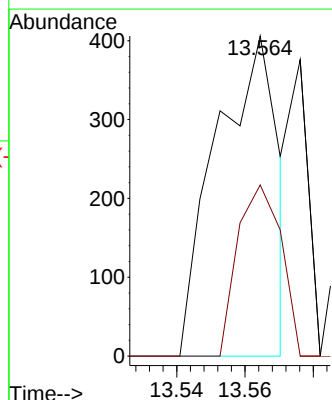
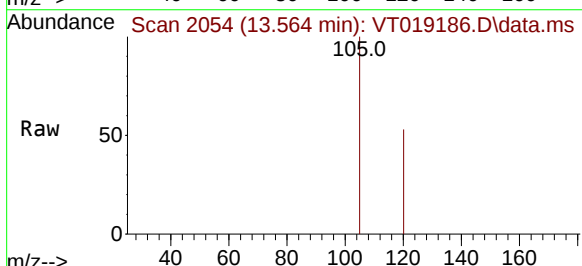
Acq: 27 Oct 2025 9:16

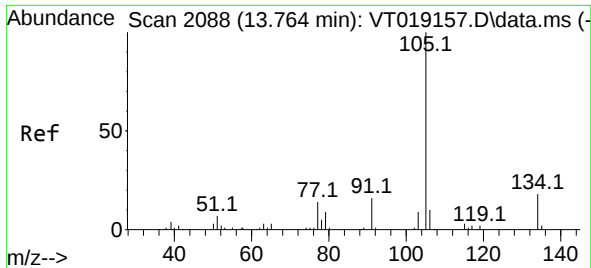
Tgt Ion:105 Resp: 515

Ion Ratio Lower Upper

105 100

120 37.3 0.0 88.6

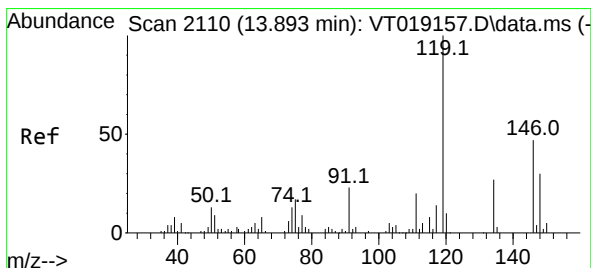
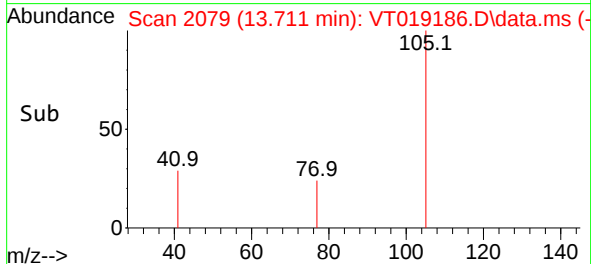
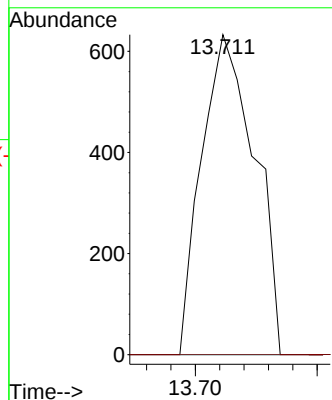
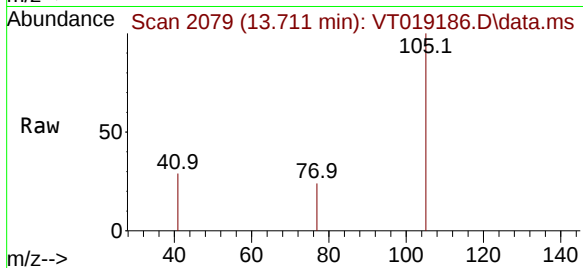




#81
 sec-Butylbenzene
 Concen: 0.164 ug/l
 RT: 13.711 min Scan# 2102
 Delta R.T. -0.053 min
 Lab File: VT019186.D
 Acq: 27 Oct 2025 9:16

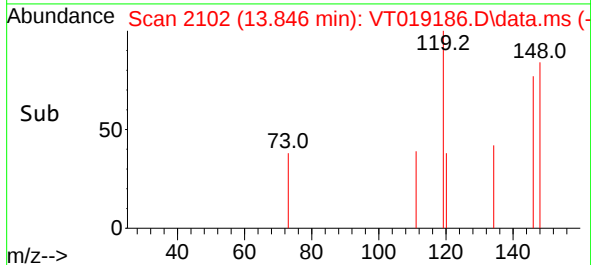
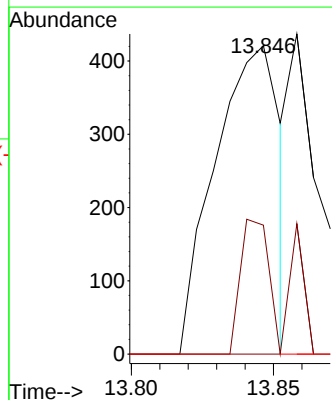
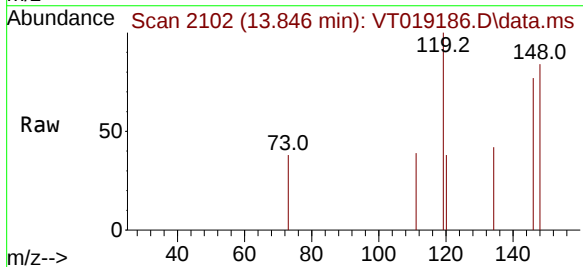
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBL01

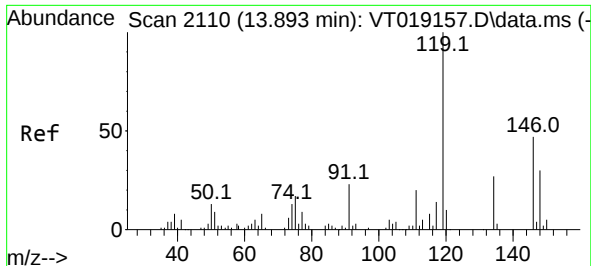
Tgt Ion:105 Resp: 958
 Ion Ratio Lower Upper
 105 100
 134 13.3 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 0.138 ug/l
 RT: 13.846 min Scan# 2102
 Delta R.T. -0.047 min
 Lab File: VT019186.D
 Acq: 27 Oct 2025 9:16

Tgt Ion:119 Resp: 669
 Ion Ratio Lower Upper
 119 100
 134 19.0 0.0 50.8
 91 0.0 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 0.240 ug/l

RT: 13.841 min Scan# 2101

Delta R.T. -0.052 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBL01

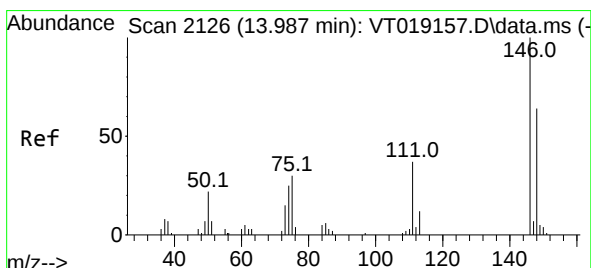
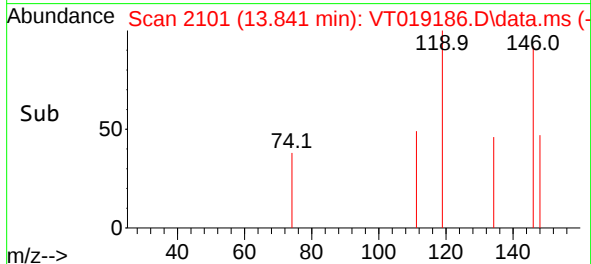
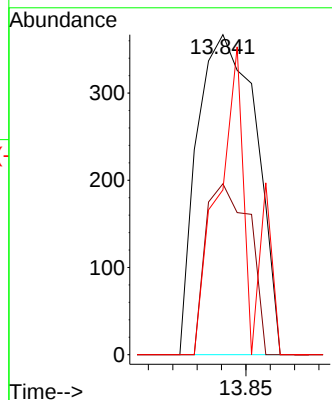
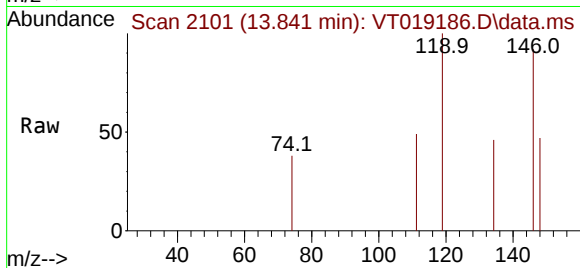
Tgt Ion:146 Resp: 616

Ion Ratio Lower Upper

146 100

111 39.8 20.7 62.1

148 40.6 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 0.238 ug/l

RT: 13.841 min Scan# 2101

Delta R.T. -0.140 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

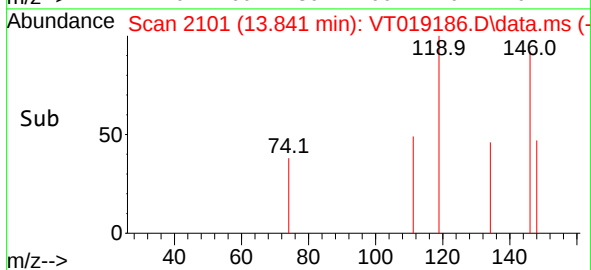
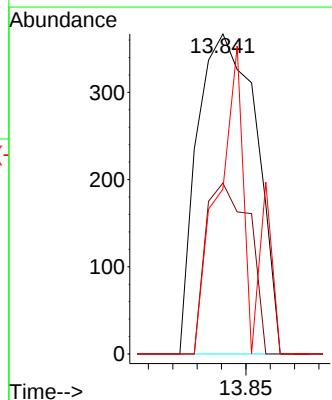
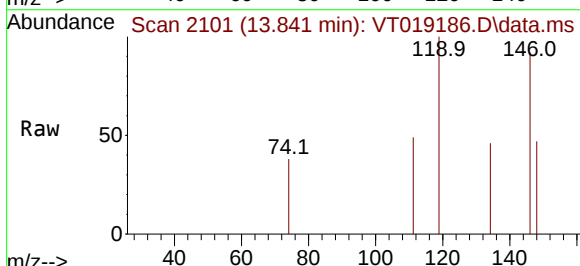
Tgt Ion:146 Resp: 616

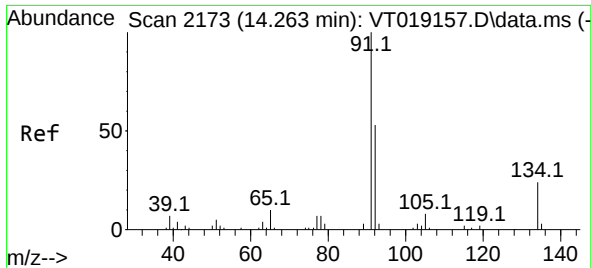
Ion Ratio Lower Upper

146 100

111 39.8 20.4 61.3

148 40.6 32.3 96.8

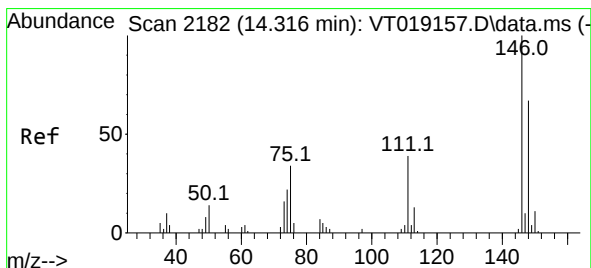
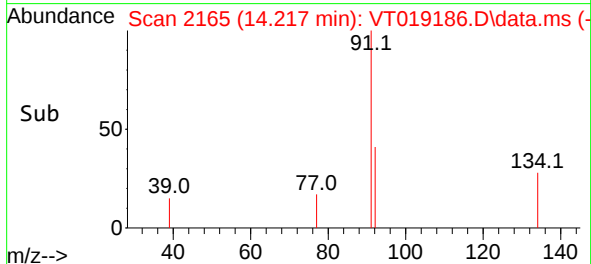
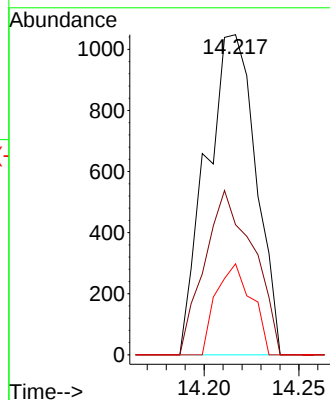
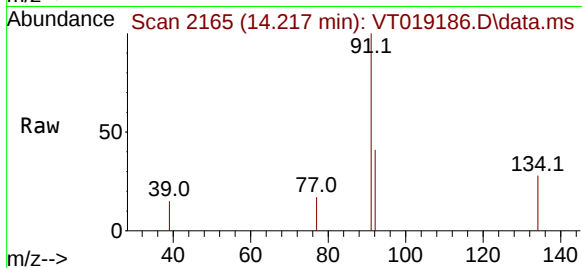




#85
n-Butylbenzene
Concen: 0.429 ug/l
RT: 14.217 min Scan# 2116
Delta R.T. -0.046 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

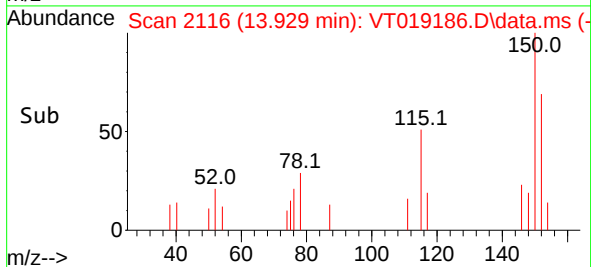
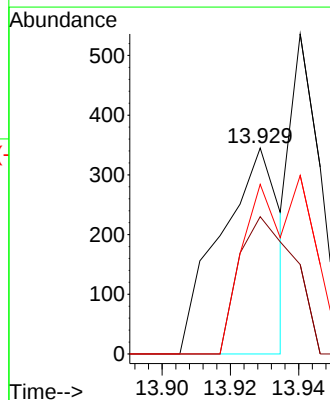
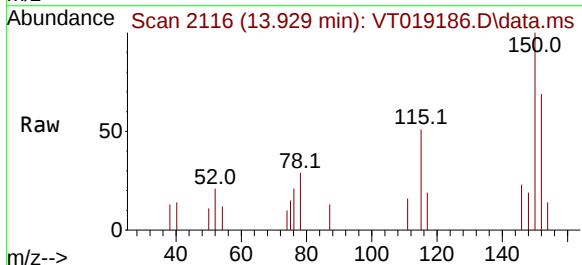
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

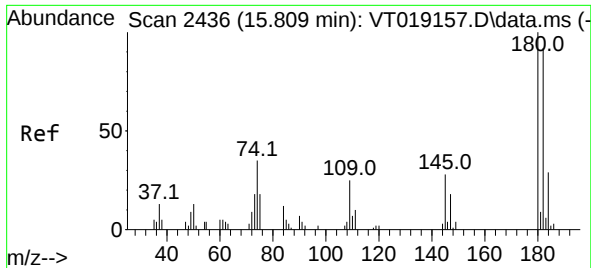
Tgt Ion: 91 Resp: 1910
Ion Ratio Lower Upper
91 100
92 50.3 0.0 107.8
134 20.4 0.0 50.0



#87
1,2-Dichlorobenzene
Concen: 0.163 ug/l
RT: 13.929 min Scan# 2116
Delta R.T. -0.387 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion:146 Resp: 418
Ion Ratio Lower Upper
146 100
111 62.2 21.8 65.3
148 54.5 32.4 97.0





#89

1,2,4-Trichlorobenzene

Concen: 0.732 ug/l

RT: 15.750 min Scan# 2436

Delta R.T. -0.059 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBL01

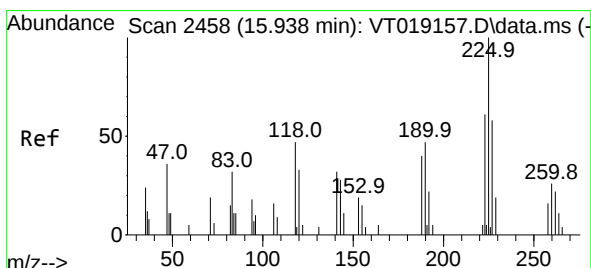
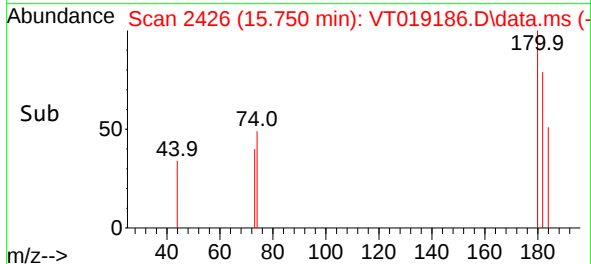
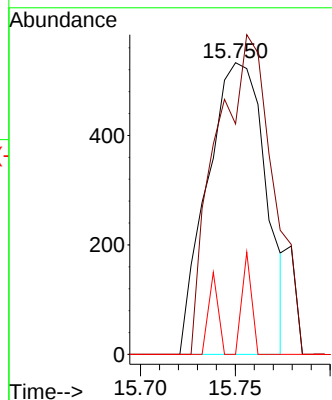
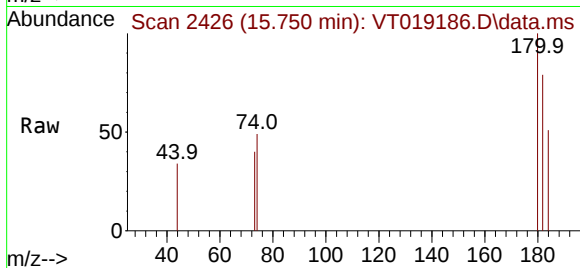
Tgt Ion:180 Resp: 1143

Ion Ratio Lower Upper

180 100

182 59.5 78.2 117.2#

145 0.0 26.5 39.7#



#90

Hexachlorobutadiene

Concen: 0.398 ug/l

RT: 15.879 min Scan# 2448

Delta R.T. -0.059 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

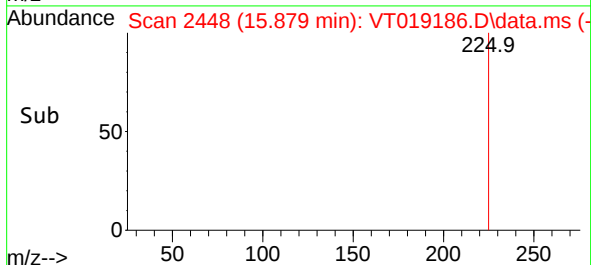
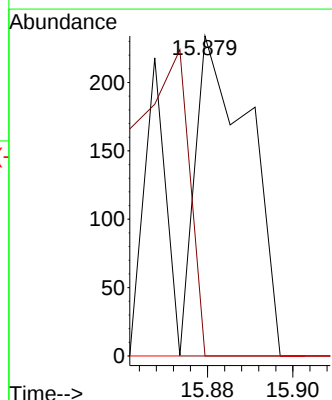
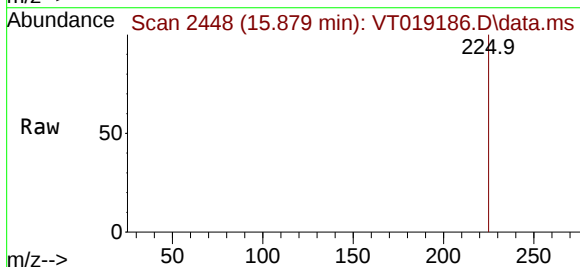
Tgt Ion:225 Resp: 206

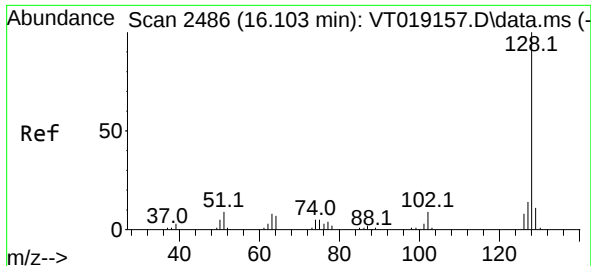
Ion Ratio Lower Upper

225 100

223 98.1 0.0 73.8#

227 0.0 0.0 130.6

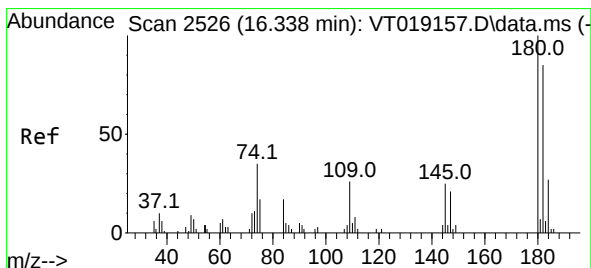
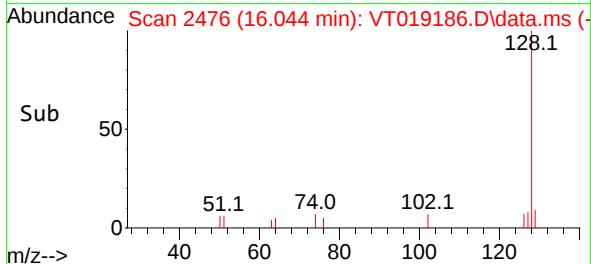
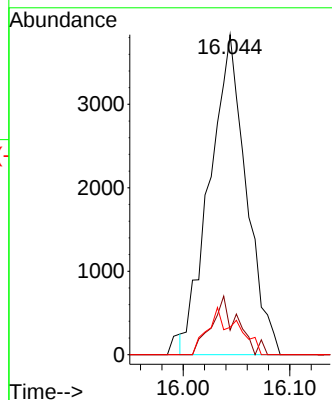
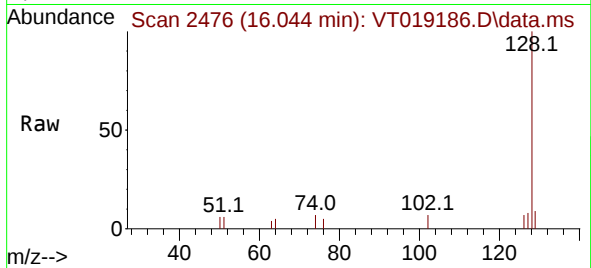




#91
Naphthalene
Concen: 1.509 ug/l
RT: 16.044 min Scan# 2486
Delta R.T. -0.053 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL01

Tgt Ion:128 Resp: 9104
Ion Ratio Lower Upper
128 100
127 8.7 10.3 15.5#
129 6.5 9.0 13.4#



#92
1,2,3-Trichlorobenzene
Concen: 0.319 ug/l
RT: 16.267 min Scan# 2514
Delta R.T. -0.071 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

Tgt Ion:180 Resp: 502
Ion Ratio Lower Upper
180 100
182 23.5 0.0 189.0
145 29.3 0.0 69.2

