

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019210.D
 Acq On : 30 Oct 2025 11:14
 Operator : SY/MD
 Sample : VT1030WBL02
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1030WBL02

Quant Time: Oct 31 01:16:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

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

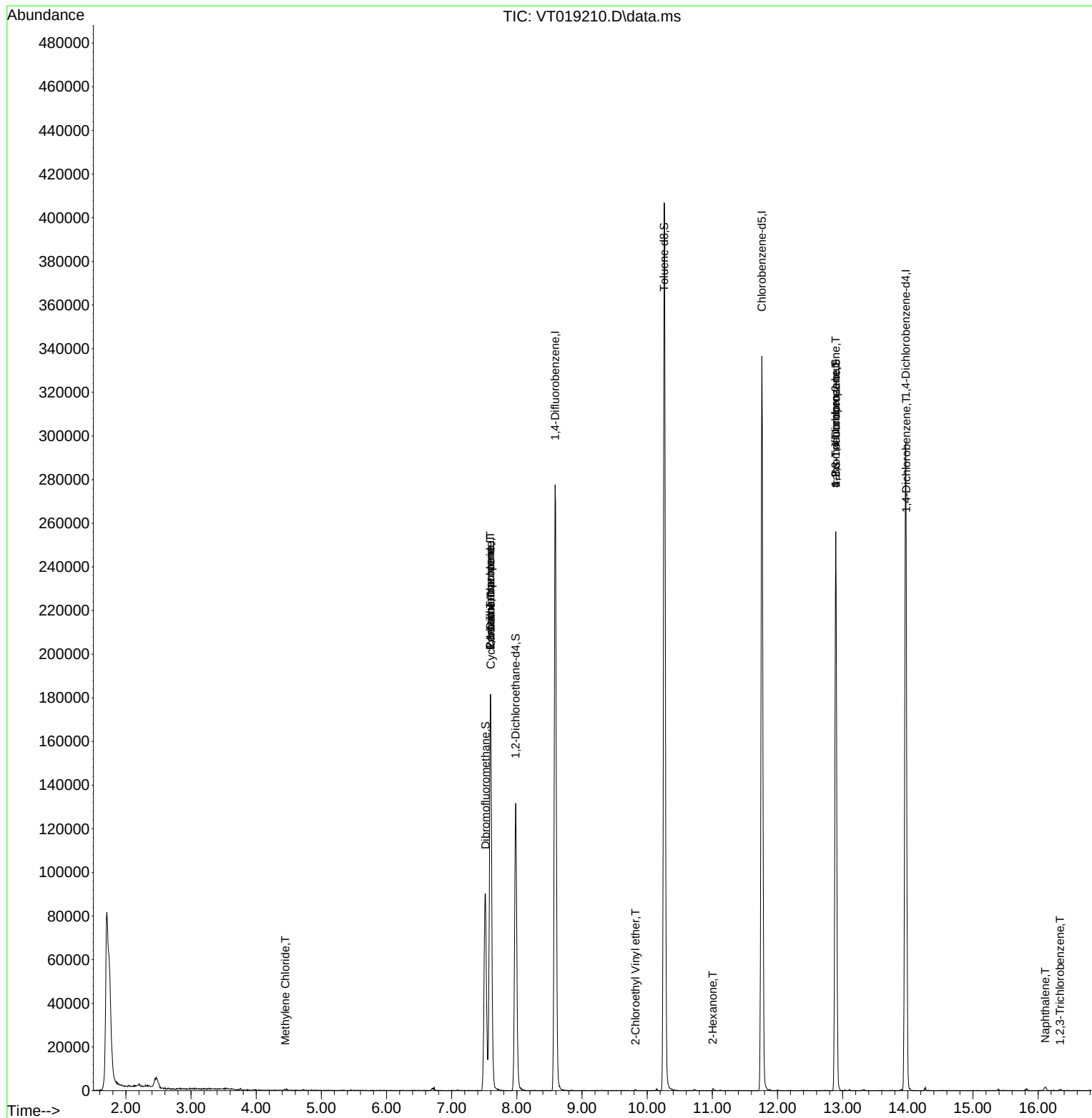
Internal Standards						
1) Pentafluorobenzene	7.595	168	149188	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.588	114	257471	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.760	117	207250	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.970	152	94691	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.982	65	109051	45.444	ug/l	0.05
Spiked Amount 50.000			Recovery	=	90.880%	
35) Dibromofluoromethane	7.518	113	74263	45.604	ug/l	0.05
Spiked Amount 50.000			Recovery	=	91.200%	
50) Toluene-d8	10.262	98	296278	44.803	ug/l	0.04
Spiked Amount 50.000			Recovery	=	89.600%	
62) 4-Bromofluorobenzene	12.894	95	95425	45.901	ug/l	0.04
Spiked Amount 50.000			Recovery	=	91.800%	
Target Compounds			Qvalue			
16) Acetone	3.764	43	826	Below Cal	#	45
20) Methylene Chloride	4.445	84	513	0.320	ug/l #	43
31) Cyclohexane	7.601	56	3855	1.646	ug/l #	28
36) 1,1-Dichloropropene	7.595	75	13123	7.164	ug/l #	50
38) Carbon Tetrachloride	7.595	117	15299	9.186	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.822	63	318	0.440	ug/l #	47
59) 2-Hexanone	11.008	43	762	0.337	ug/l	98
76) 1,2,3-Trichloropropane	12.894	75	55176	28.316	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.894	75	55176	66.439	ug/l #	7
88) 1,4-Dichlorobenzene	13.976	146	591	0.207	ug/l #	1
95) Naphthalene	16.108	128	3452	0.551	ug/l #	80
96) 1,2,3-Trichlorobenzene	16.338	180	357	0.202	ug/l #	12

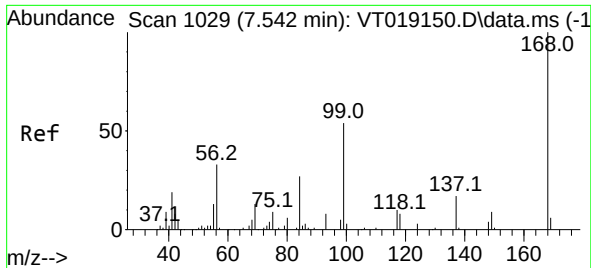
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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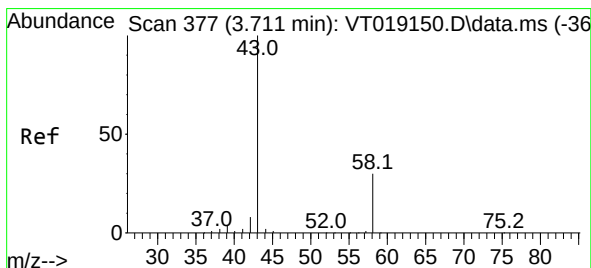
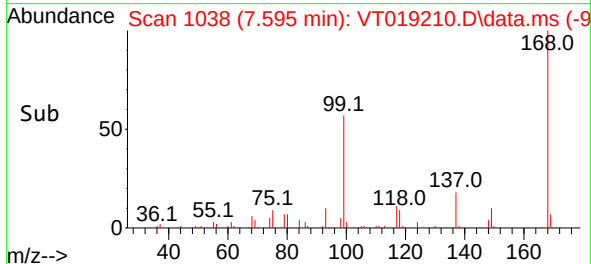
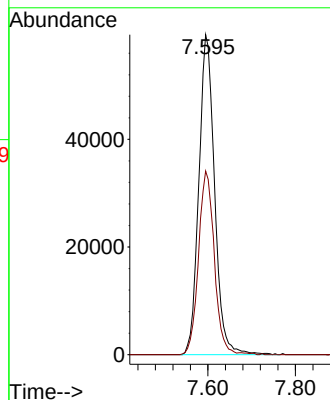
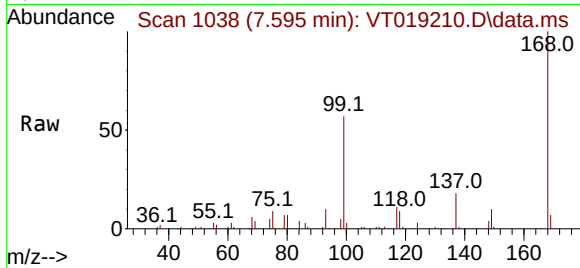




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.595 min Scan# 10
Delta R.T. 0.047 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

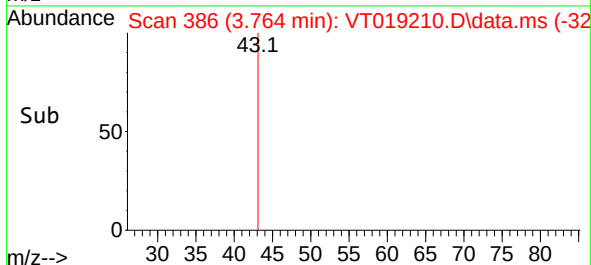
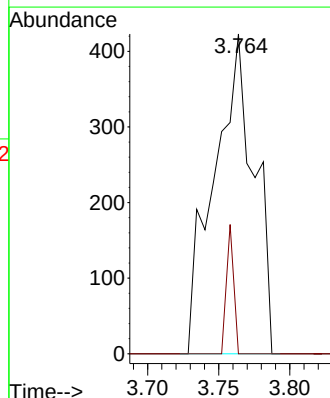
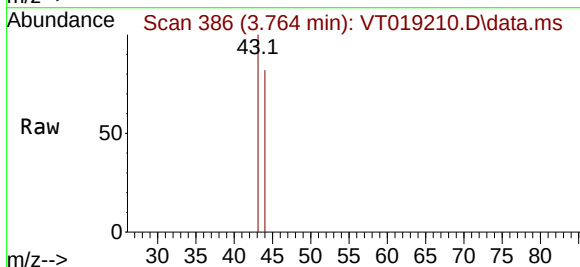
Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL02

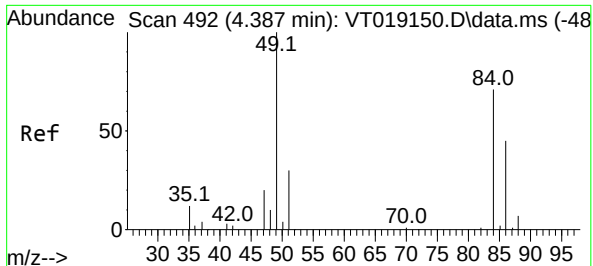
Tgt Ion:168 Resp: 149188
Ion Ratio Lower Upper
168 100
99 57.4 46.6 70.0



#16
Acetone
Concen: Below Cal
RT: 3.764 min Scan# 386
Delta R.T. 0.047 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 0.320 ug/l

RT: 4.445 min Scan# 502

Delta R.T. 0.047 min

Lab File: VT019210.D

Acq: 30 Oct 2025 11:14

Instrument :

MSVOA_T

ClientSampleId :

VT1030WBL02

Tgt Ion: 84 Resp: 513

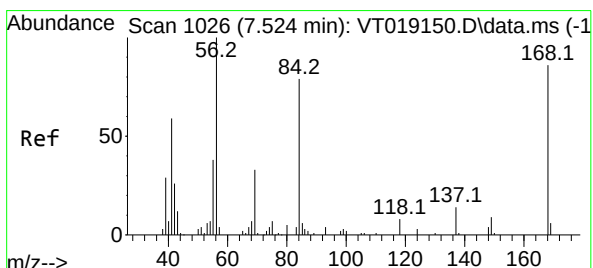
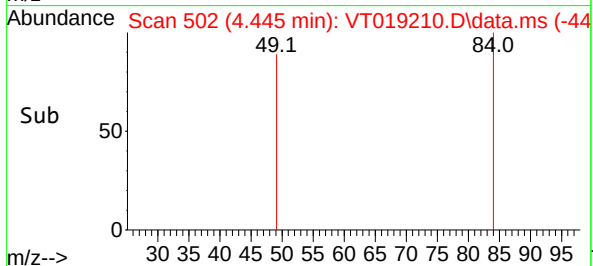
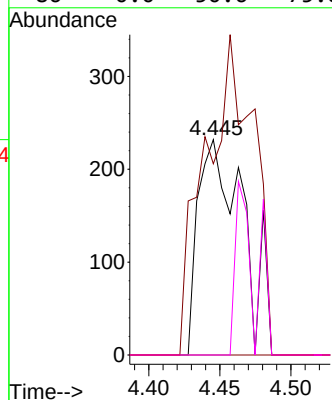
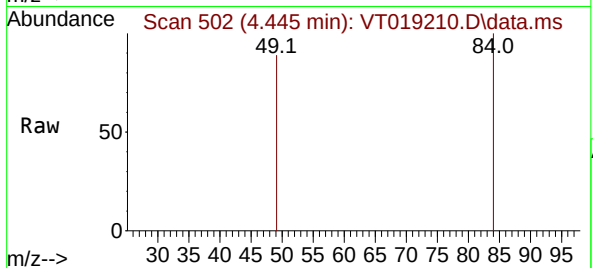
Ion Ratio Lower Upper

84 100

49 88.8 113.1 169.7#

51 0.0 33.6 50.4#

86 0.0 50.6 75.8#



#31

Cyclohexane

Concen: 1.646 ug/l

RT: 7.601 min Scan# 1039

Delta R.T. 0.065 min

Lab File: VT019210.D

Acq: 30 Oct 2025 11:14

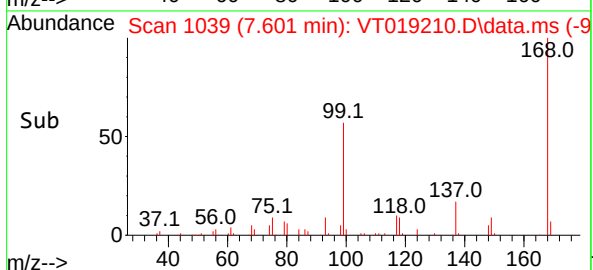
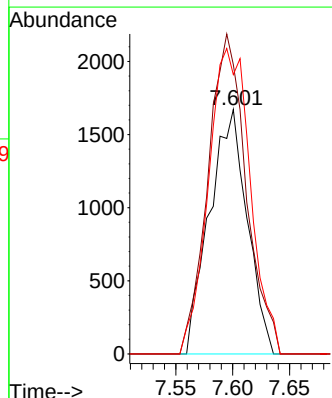
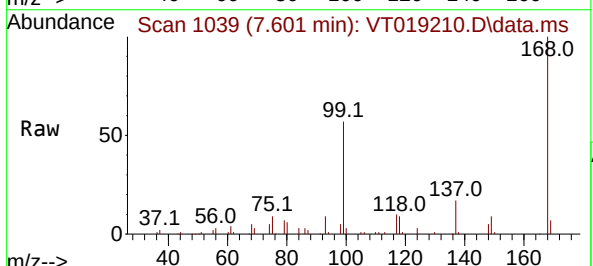
Tgt Ion: 56 Resp: 3855

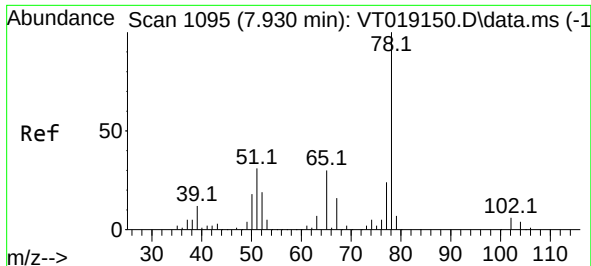
Ion Ratio Lower Upper

56 100

69 118.4 26.1 39.1#

84 114.2 63.6 95.4#

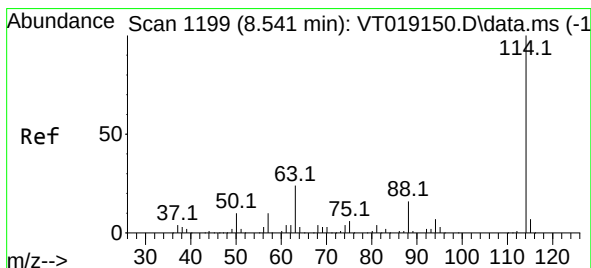
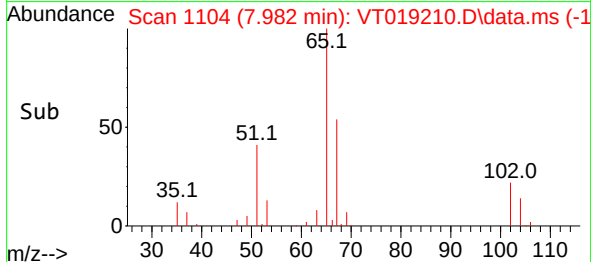
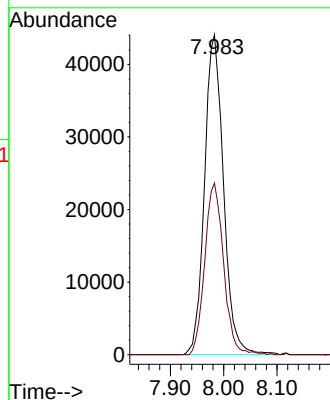
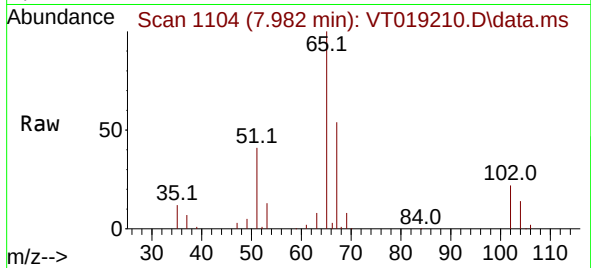




#33
 1,2-Dichloroethane-d4
 Concen: 45.444 ug/l
 RT: 7.982 min Scan# 1104
 Delta R.T. 0.048 min
 Lab File: VT019210.D
 Acq: 30 Oct 2025 11:14

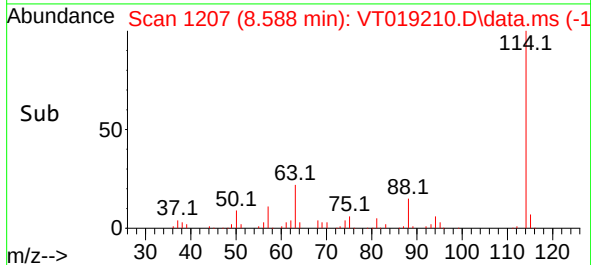
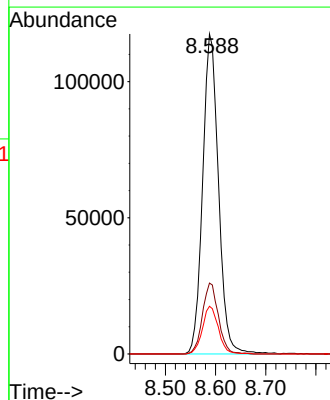
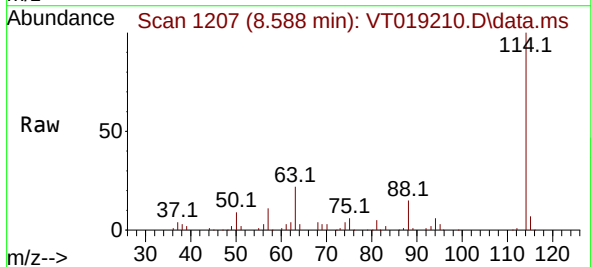
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1030WBL02

Tgt Ion: 65 Resp: 109051
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.588 min Scan# 1207
 Delta R.T. 0.041 min
 Lab File: VT019210.D
 Acq: 30 Oct 2025 11:14

Tgt Ion: 114 Resp: 257471
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.2
 88 14.9 0.0 32.6

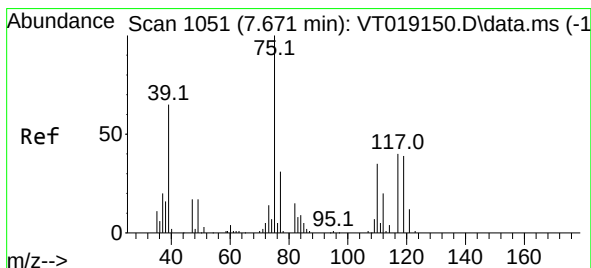
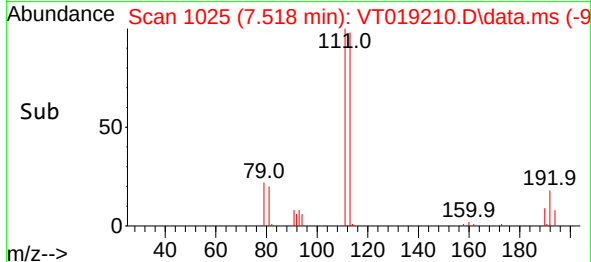
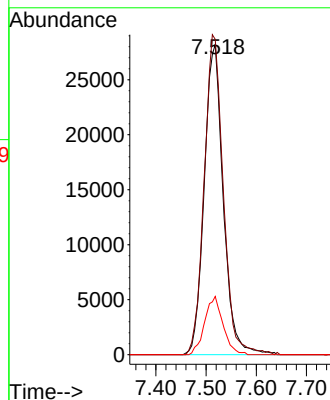
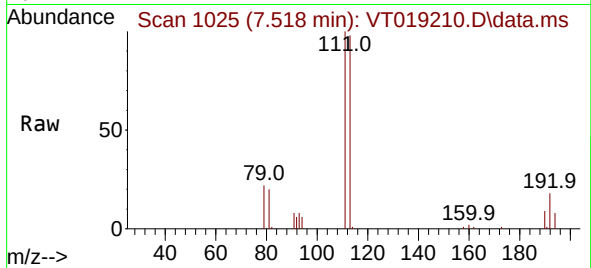




#35
Dibromofluoromethane
Concen: 45.604 ug/l
RT: 7.518 min Scan# 1038
Delta R.T. 0.053 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

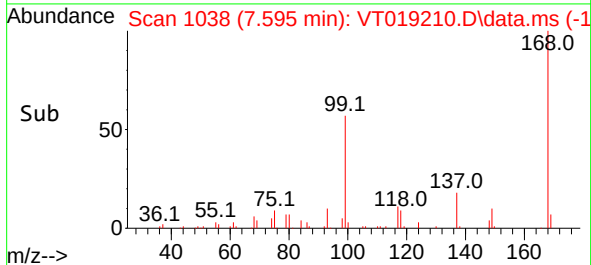
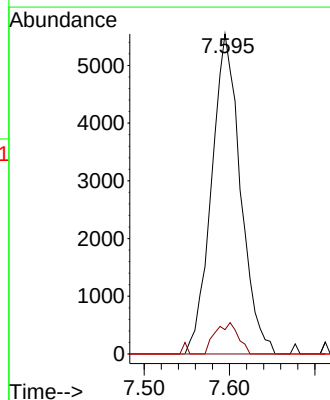
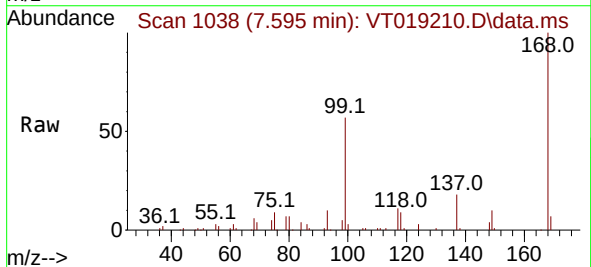
Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL02

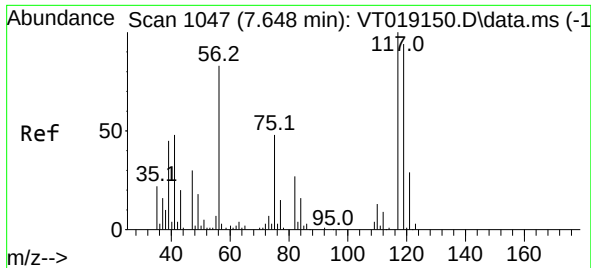
Tgt Ion:113 Resp: 74263
Ion Ratio Lower Upper
113 100
111 103.9 81.6 122.4
192 18.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 7.164 ug/l
RT: 7.595 min Scan# 1038
Delta R.T. -0.088 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion: 75 Resp: 13123
Ion Ratio Lower Upper
75 100
110 7.7 16.1 48.2#
77 0.0 25.1 37.7#

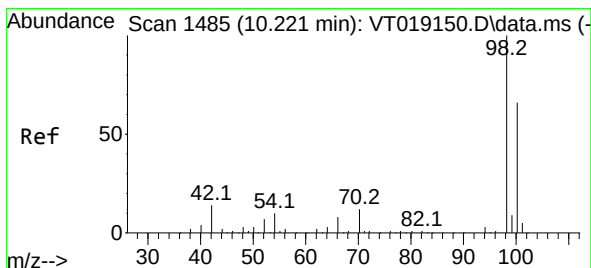
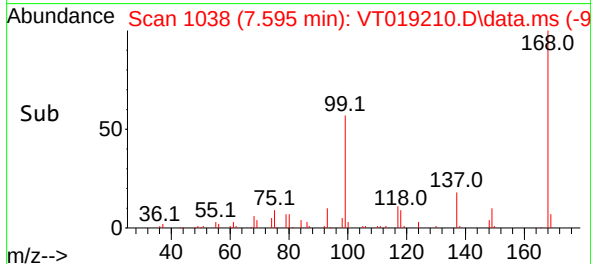
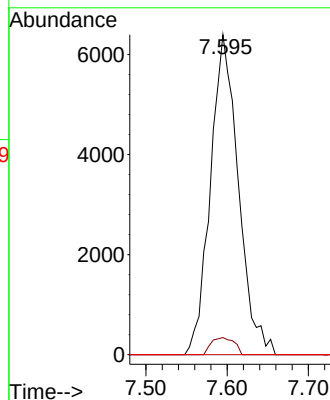
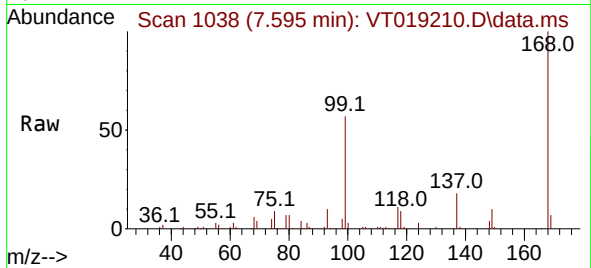




#38
Carbon Tetrachloride
Concen: 9.186 ug/l
RT: 7.595 min Scan# 1047
Delta R.T. -0.064 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

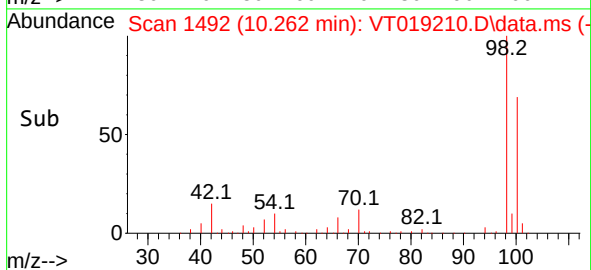
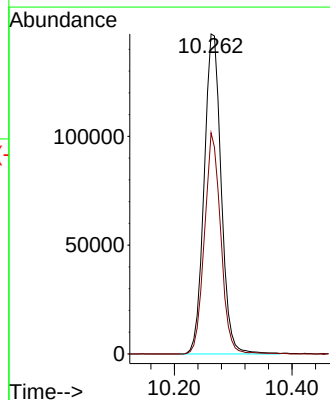
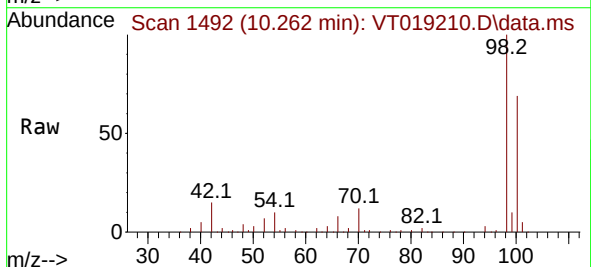
Instrument :
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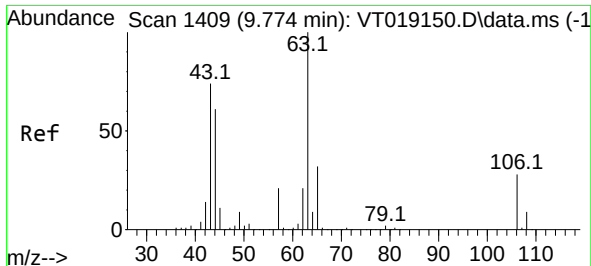
Tgt Ion:117 Resp: 15299
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.6#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 44.803 ug/l
RT: 10.262 min Scan# 1492
Delta R.T. 0.035 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion: 98 Resp: 296278
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3

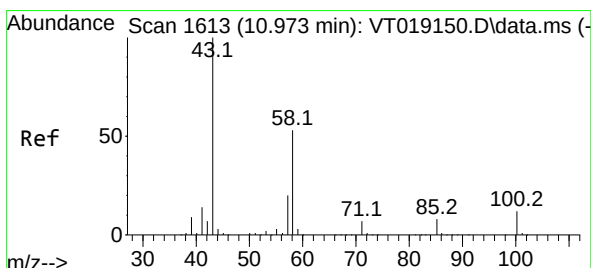
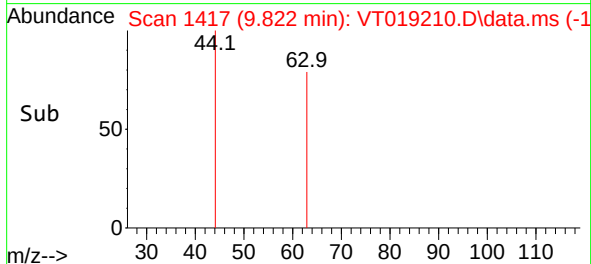
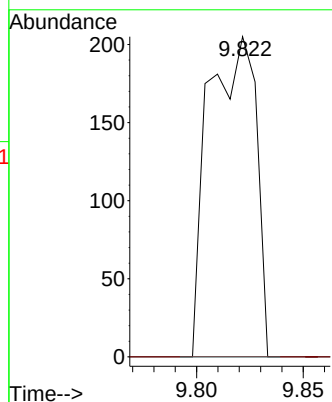
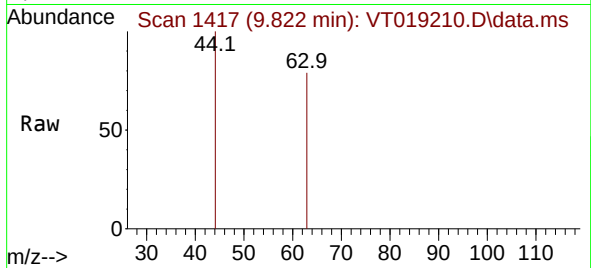




#58
2-Chloroethyl Vinyl ether
Concen: 0.440 ug/l
RT: 9.822 min Scan# 1409
Delta R.T. 0.042 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

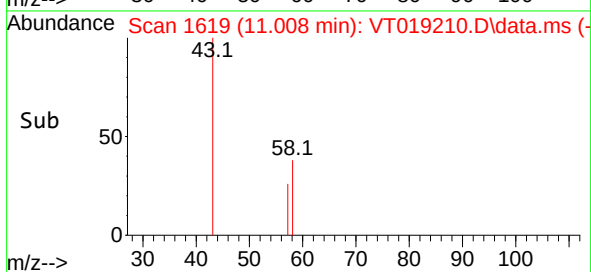
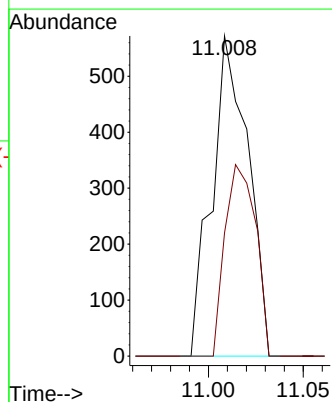
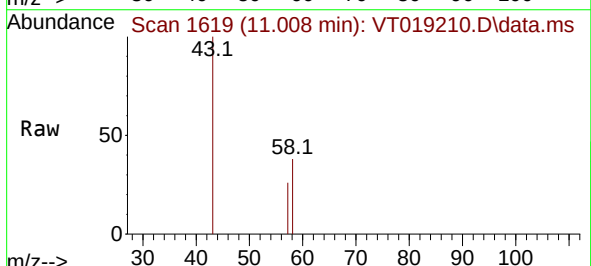
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ClientSampleId :
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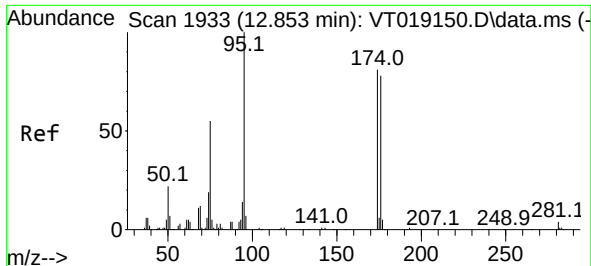
Tgt Ion: 63 Resp: 318
Ion Ratio Lower Upper
63 100
106 0.0 22.4 33.6#



#59
2-Hexanone
Concen: 0.337 ug/l
RT: 11.008 min Scan# 1619
Delta R.T. 0.029 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 50.7 26.1 78.3

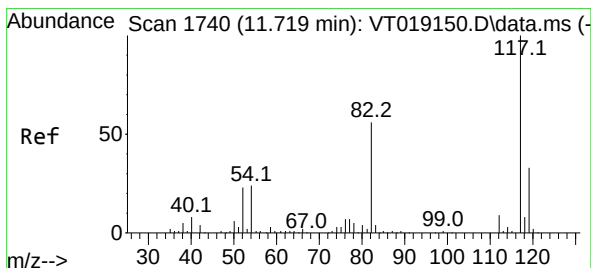
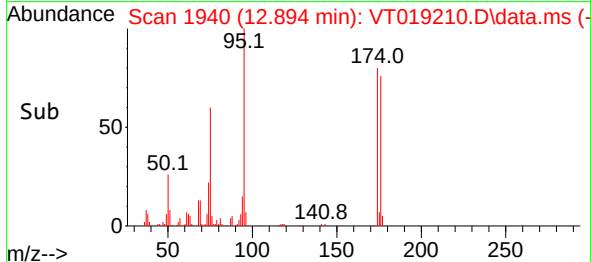
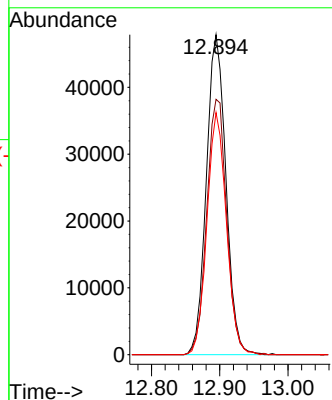
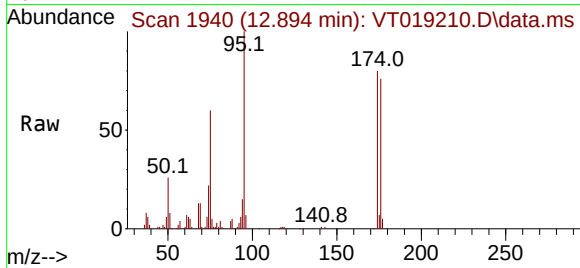




#62
4-Bromofluorobenzene
Concen: 45.901 ug/l
RT: 12.894 min Scan# 1933
Delta R.T. 0.035 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

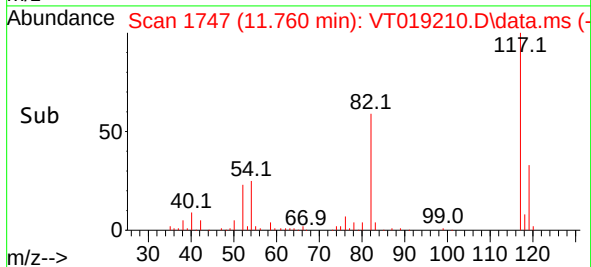
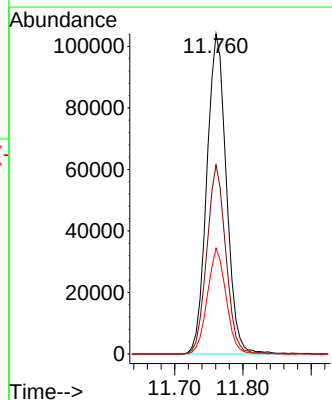
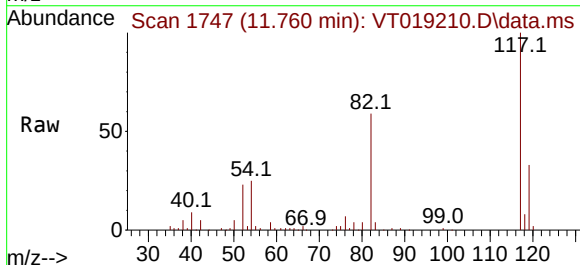
Instrument :
MSVOA_T
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VT1030WBL02

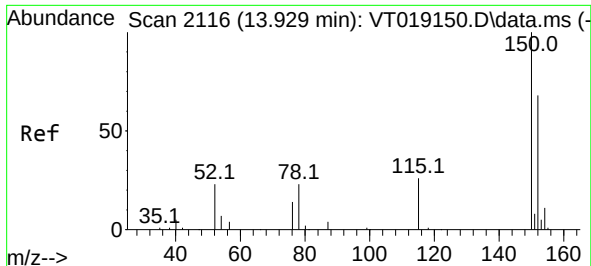
Tgt Ion: 95	Resp: 95425
Ion Ratio	Lower Upper
95 100	
174 81.6	0.0 160.6
176 75.4	0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.760 min Scan# 1747
Delta R.T. 0.035 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion: 117	Resp: 207250
Ion Ratio	Lower Upper
117 100	
82 59.0	45.1 67.7
119 33.0	26.6 40.0

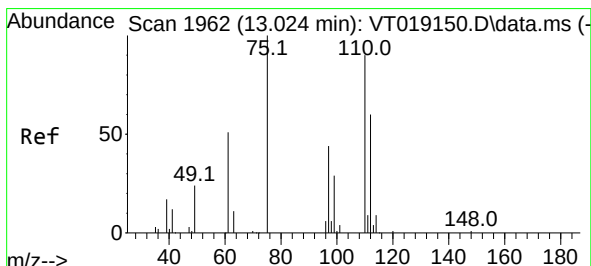
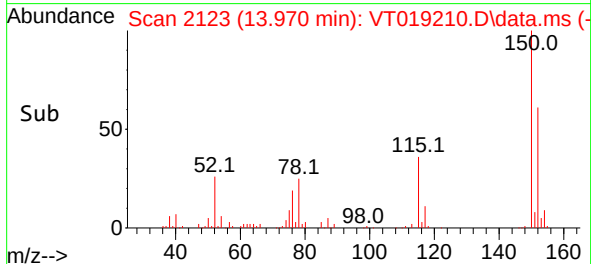
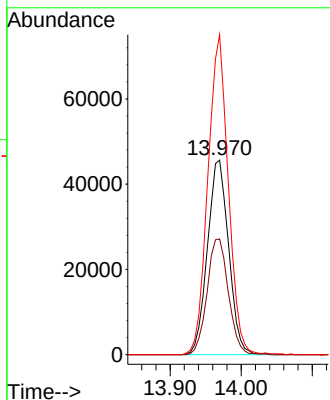
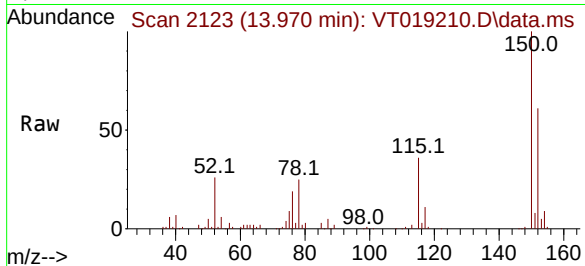




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.970 min Scan# 2116
 Delta R.T. 0.041 min
 Lab File: VT019210.D
 Acq: 30 Oct 2025 11:14

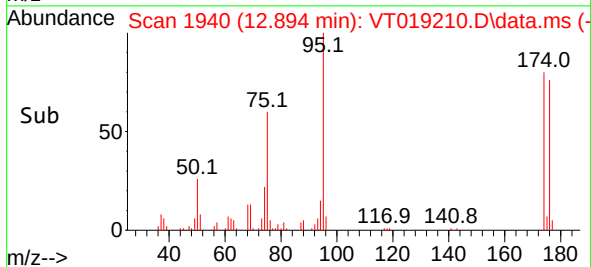
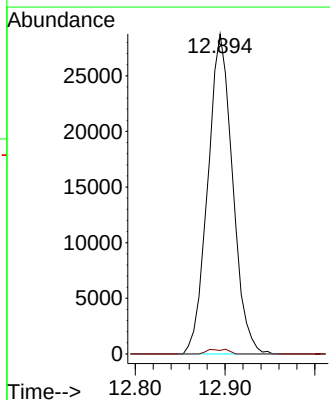
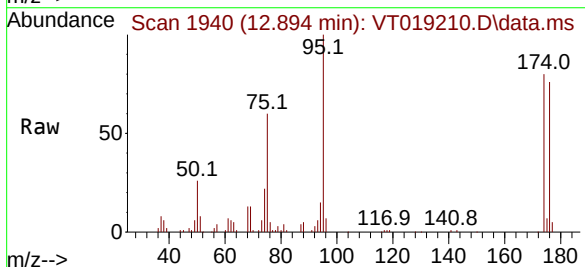
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1030WBL02

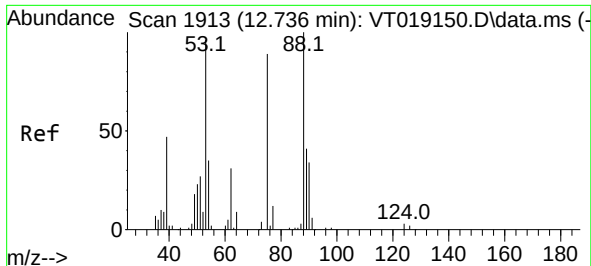
Tgt Ion:152 Resp: 94691
 Ion Ratio Lower Upper
 152 100
 115 59.8 29.6 88.9
 150 158.2 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 28.316 ug/l
 RT: 12.894 min Scan# 1940
 Delta R.T. -0.136 min
 Lab File: VT019210.D
 Acq: 30 Oct 2025 11:14

Tgt Ion: 75 Resp: 55176
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

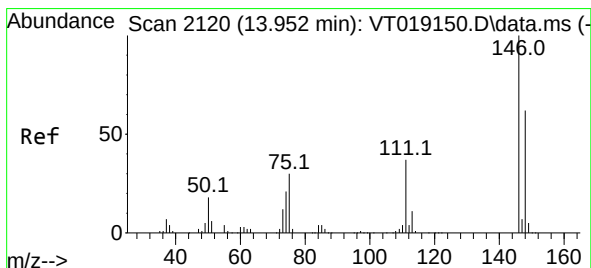
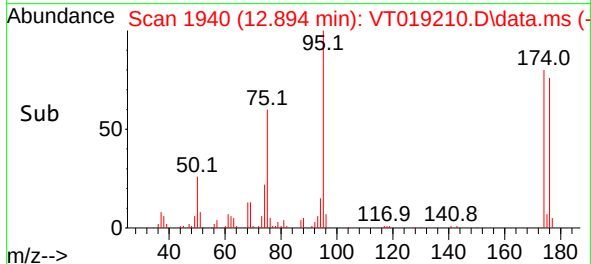
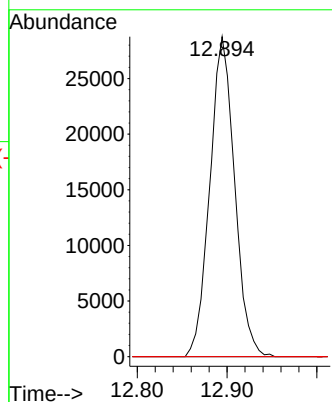
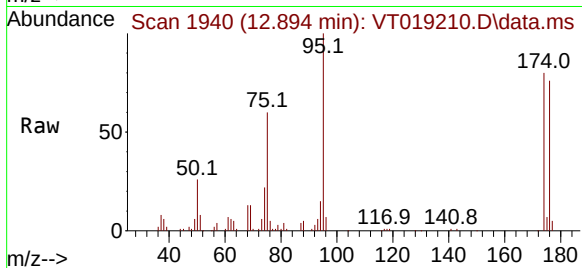




#81
trans-1,4-Dichloro-2-butene
Concen: 66.439 ug/l
RT: 12.894 min Scan# 1913
Delta R.T. 0.158 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

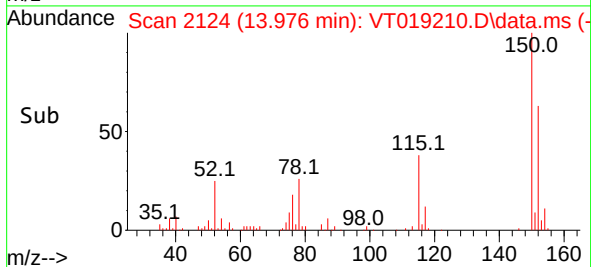
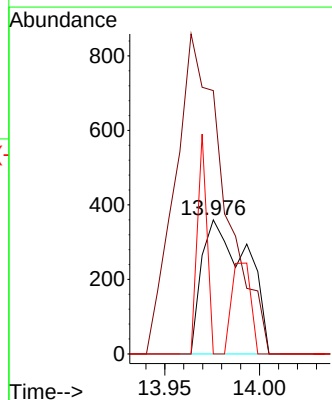
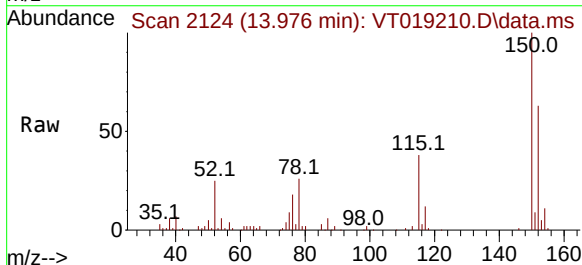
Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL02

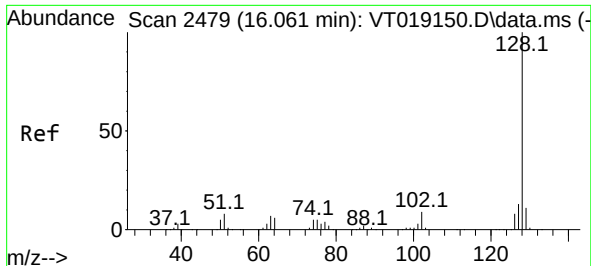
Tgt Ion: 75 Resp: 55176
Ion Ratio Lower Upper
75 100
53 0.0 86.0 129.0#
89 0.0 36.3 54.5#



#88
1,4-Dichlorobenzene
Concen: 0.207 ug/l
RT: 13.976 min Scan# 2124
Delta R.T. 0.024 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion:146 Resp: 591
Ion Ratio Lower Upper
146 100
111 262.1 19.3 57.8#
148 35.2 31.8 95.4

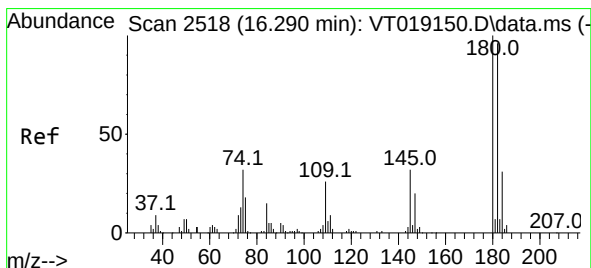
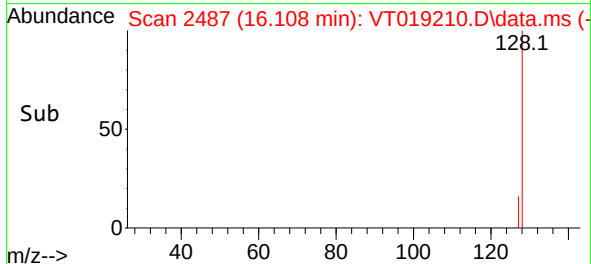
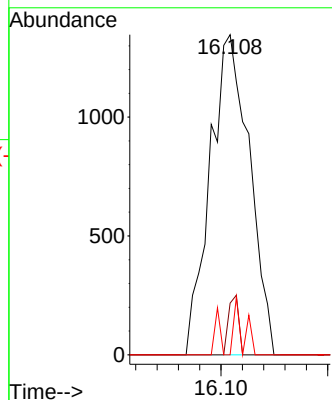
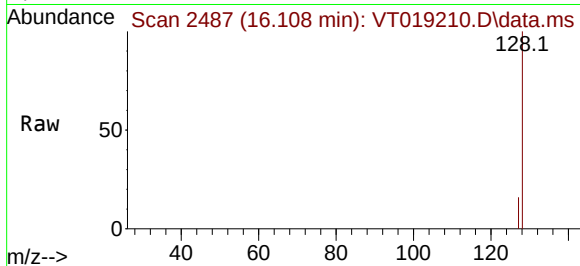




#95
Naphthalene
Concen: 0.551 ug/l
RT: 16.108 min Scan# 2479
Delta R.T. 0.047 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL02

Tgt Ion:128 Resp: 3452
Ion Ratio Lower Upper
128 100
127 4.8 10.5 15.7#
129 4.2 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.202 ug/l
RT: 16.338 min Scan# 2526
Delta R.T. 0.042 min
Lab File: VT019210.D
Acq: 30 Oct 2025 11:14

Tgt Ion:180 Resp: 357
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.8#
145 0.0 15.8 47.4#

