

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019211.D
 Acq On : 30 Oct 2025 11:37
 Operator : SY/MD
 Sample : VT1030WBL03
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1030WBL03

Quant Time: Oct 31 01:16:54 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)

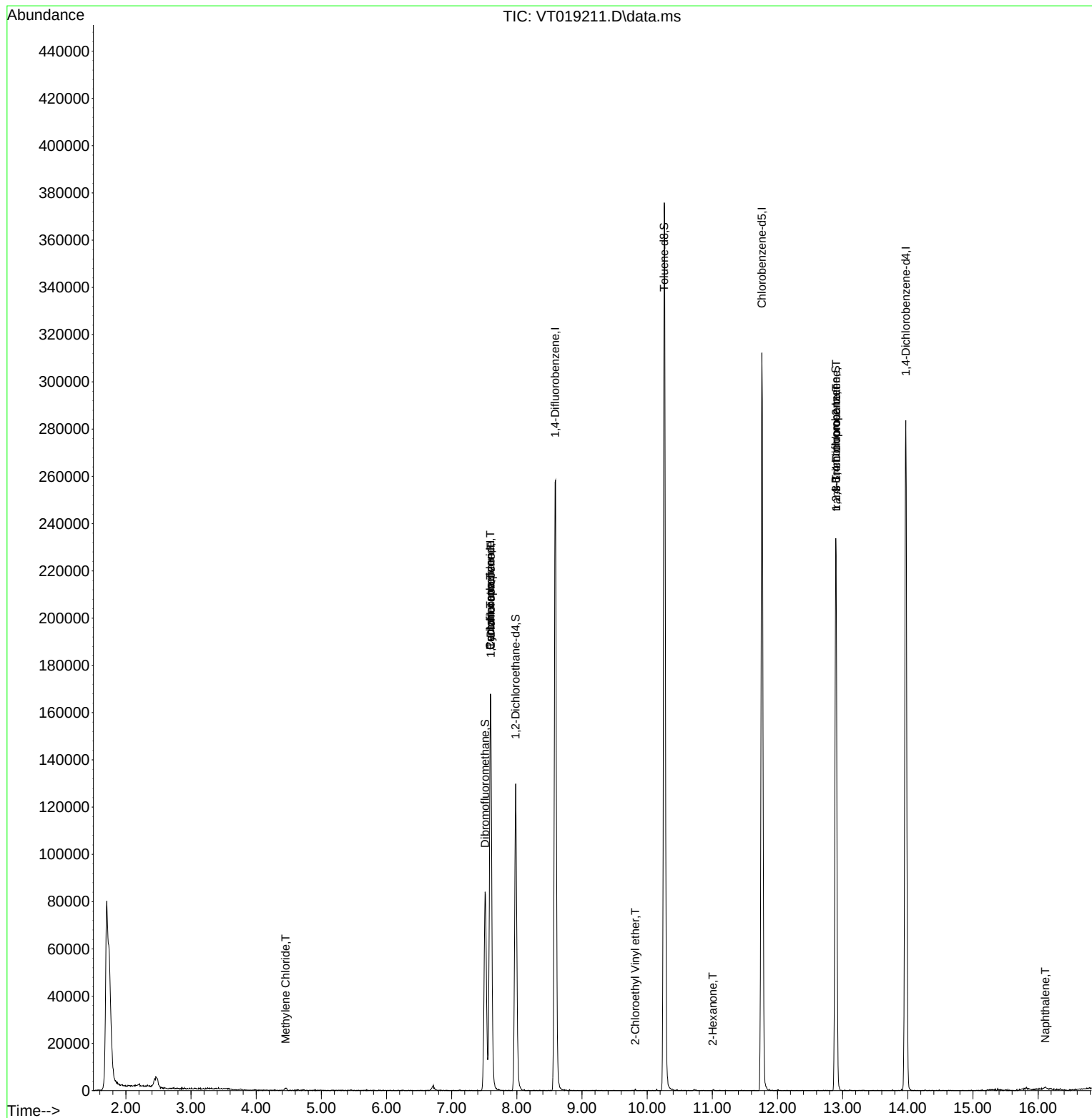
Internal Standards						
1) Pentafluorobenzene	7.595	168	140005	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.588	114	238829	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.760	117	195034	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.970	152	92300	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.982	65	104112	46.231	ug/l	0.05
Spiked Amount	50.000		Recovery	=	92.460%	
35) Dibromofluoromethane	7.512	113	68968	45.658	ug/l	0.05
Spiked Amount	50.000		Recovery	=	91.320%	
50) Toluene-d8	10.262	98	278398	45.385	ug/l	0.04
Spiked Amount	50.000		Recovery	=	90.780%	
62) 4-Bromofluorobenzene	12.894	95	91137	47.261	ug/l	0.04
Spiked Amount	50.000		Recovery	=	94.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.758	43	771	Below Cal	#	45
20) Methylene Chloride	4.451	84	657	0.436	ug/l #	63
31) Cyclohexane	7.595	56	3705	1.686	ug/l #	23
36) 1,1-Dichloropropene	7.601	75	12106	7.125	ug/l #	50
38) Carbon Tetrachloride	7.595	117	13935	9.020	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.816	63	201	0.300	ug/l #	47
59) 2-Hexanone	11.008	43	504	0.240	ug/l	65
76) 1,2,3-Trichloropropane	12.900	75	51675	27.207	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.900	75	51675	63.836	ug/l #	7
95) Naphthalene	16.108	128	1840	0.302	ug/l #	73

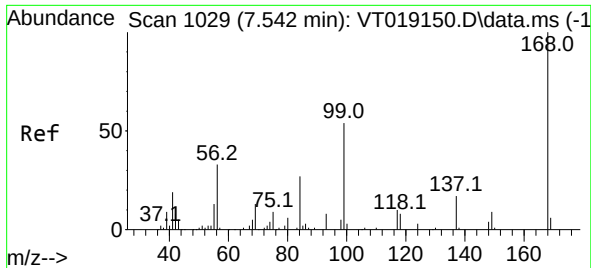
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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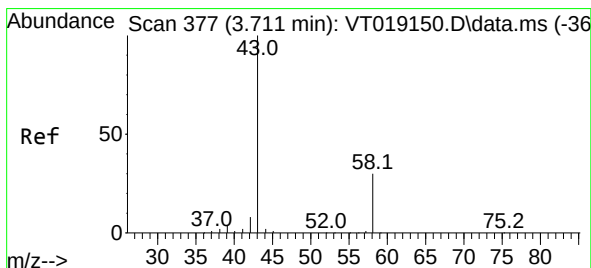
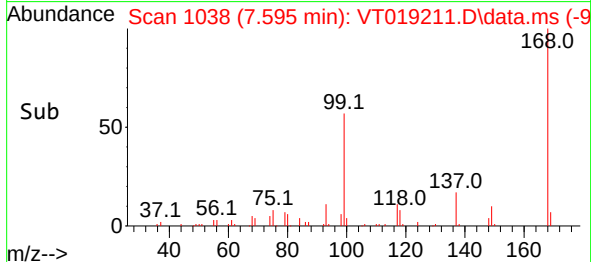
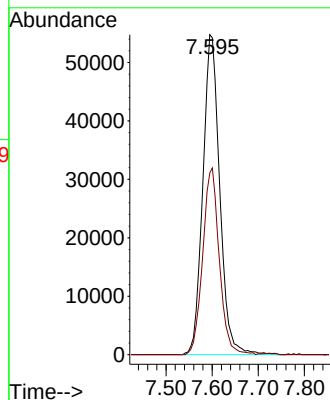
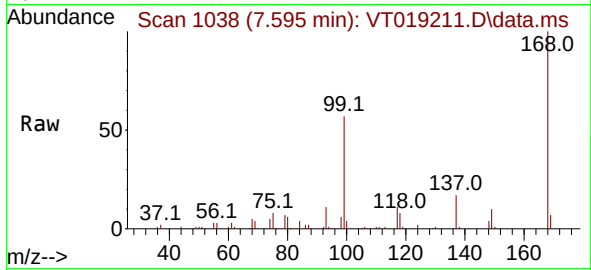




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.595 min Scan# 1029
Delta R.T. 0.047 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

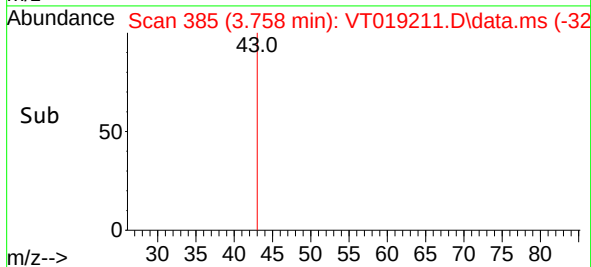
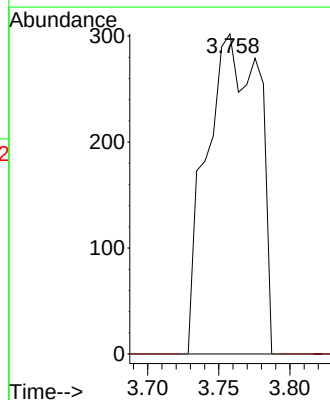
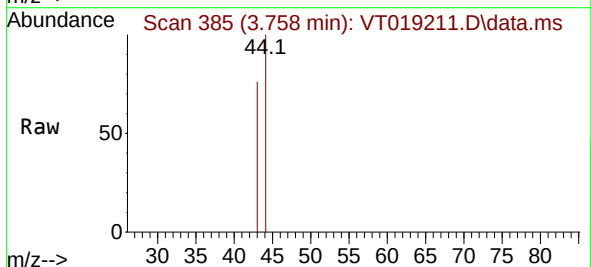
Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL03

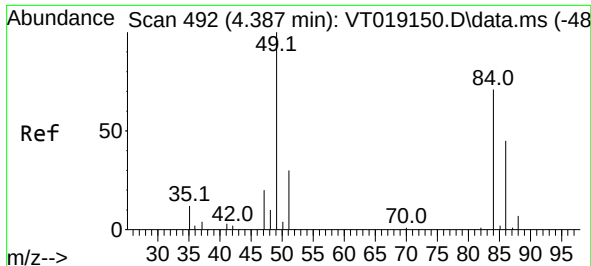
Tgt Ion:168 Resp: 140005
Ion Ratio Lower Upper
168 100
99 56.8 46.6 70.0



#16
Acetone
Concen: Below Cal
RT: 3.758 min Scan# 385
Delta R.T. 0.041 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



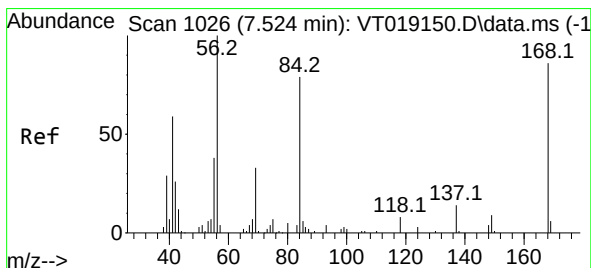
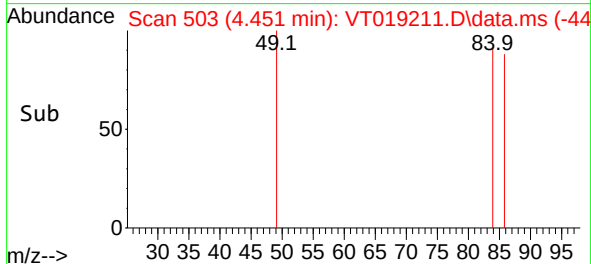
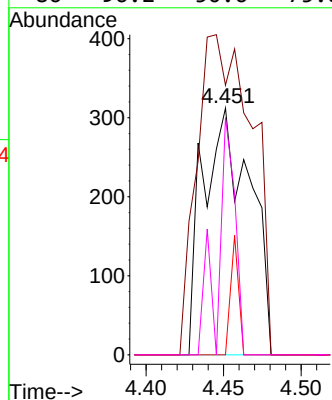
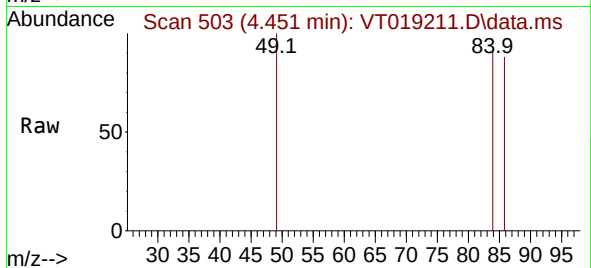


#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 4.451 min Scan# 503
Delta R.T. 0.053 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL03

Tgt Ion: 84 Resp: 657

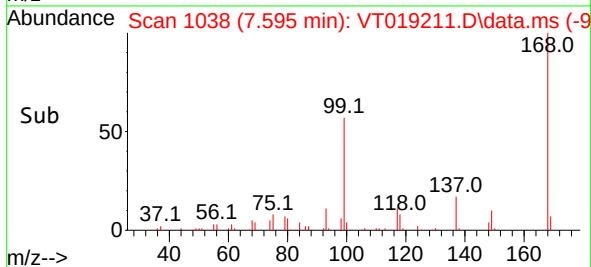
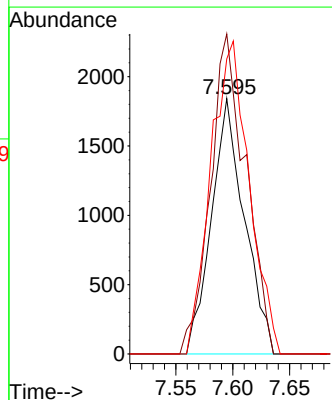
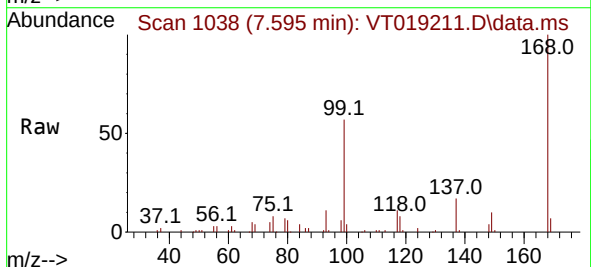
Ion	Ratio	Lower	Upper
84	100		
49	109.3	113.1	169.7#
51	0.0	33.6	50.4#
86	96.2	50.6	75.8#

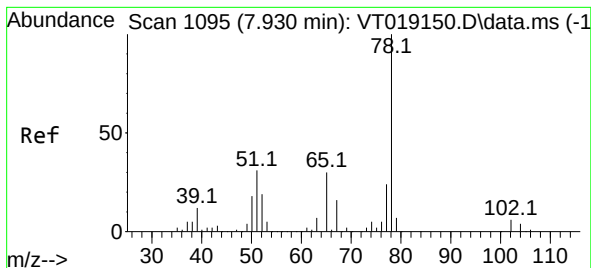


#31
Cyclohexane
Concen: 1.686 ug/l
RT: 7.595 min Scan# 1038
Delta R.T. 0.059 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Tgt Ion: 56 Resp: 3705

Ion	Ratio	Lower	Upper
56	100		
69	125.3	26.1	39.1#
84	115.5	63.6	95.4#





#33

1,2-Dichloroethane-d4

Concen: 46.231 ug/l

RT: 7.982 min Scan# 1104

Delta R.T. 0.047 min

Lab File: VT019211.D

Acq: 30 Oct 2025 11:37

Instrument :

MSVOA_T

ClientSampleId :

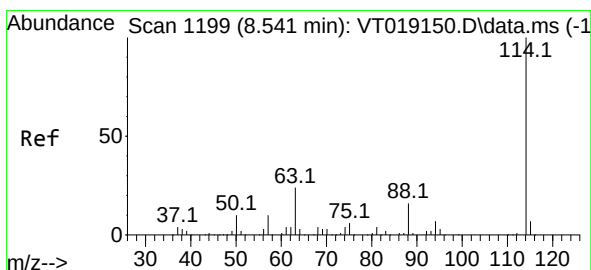
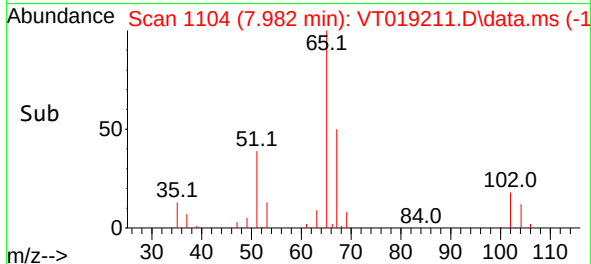
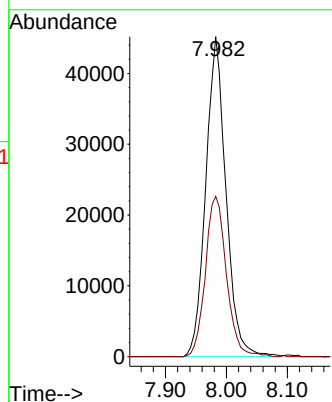
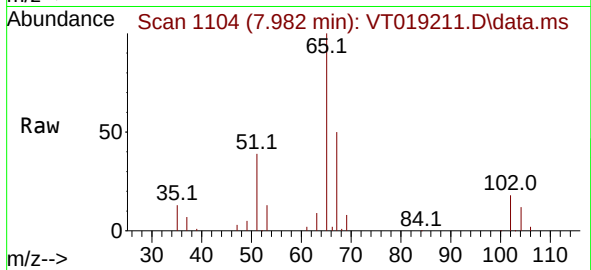
VT1030WBL03

Tgt Ion: 65 Resp: 104112

Ion Ratio Lower Upper

65 100

67 52.2 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: VT019211.D

Acq: 30 Oct 2025 11:37

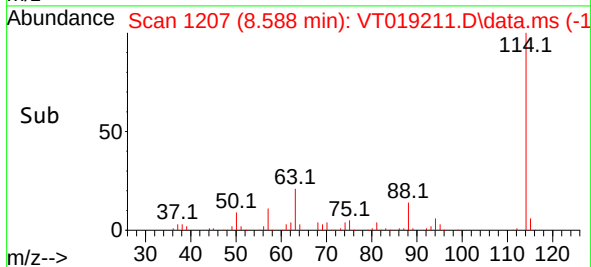
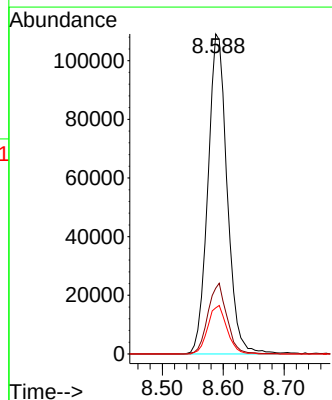
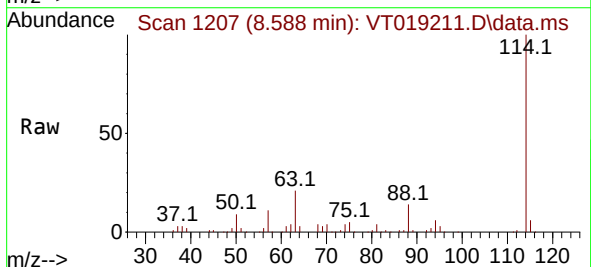
Tgt Ion: 114 Resp: 238829

Ion Ratio Lower Upper

114 100

63 20.6 0.0 47.2

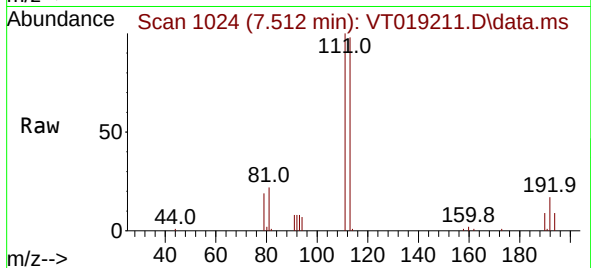
88 14.4 0.0 32.6





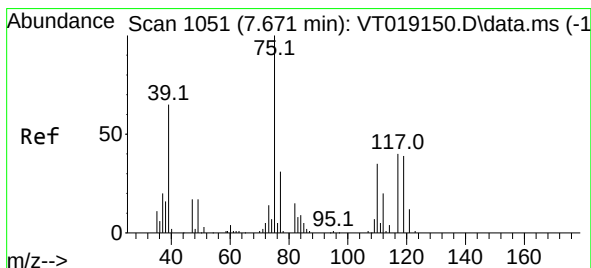
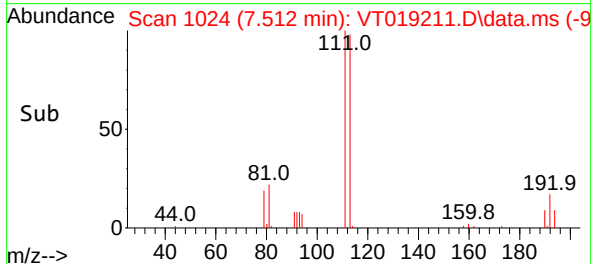
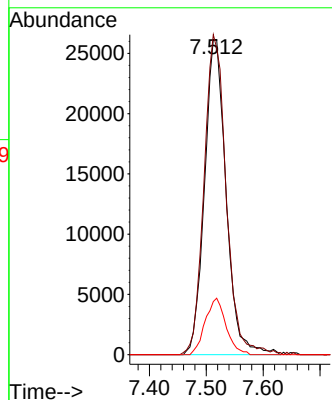
#35
 Dibromofluoromethane
 Concen: 45.658 ug/l
 RT: 7.512 min Scan# 1024
 Delta R.T. 0.047 min
 Lab File: VT019211.D
 Acq: 30 Oct 2025 11:37

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1030WBL03



Tgt Ion:113 Resp: 68968

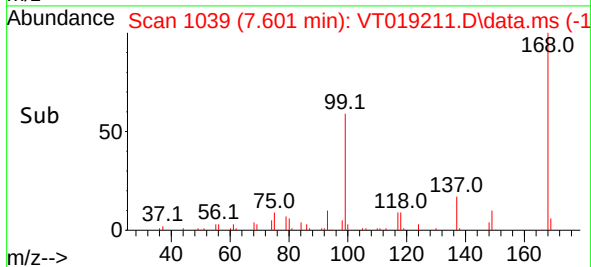
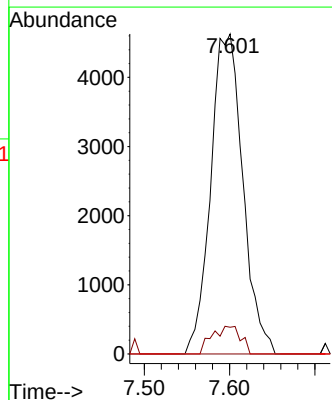
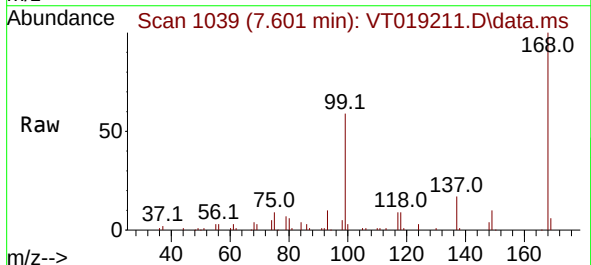
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	17.2	15.3	22.9

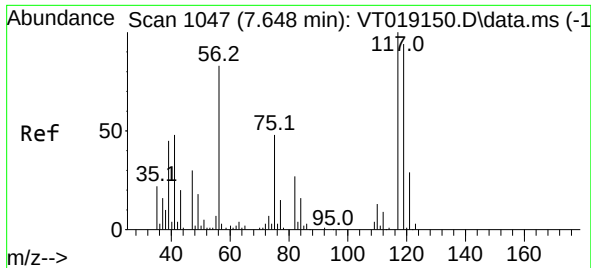


#36
 1,1-Dichloropropene
 Concen: 7.125 ug/l
 RT: 7.601 min Scan# 1039
 Delta R.T. -0.082 min
 Lab File: VT019211.D
 Acq: 30 Oct 2025 11:37

Tgt Ion: 75 Resp: 12106

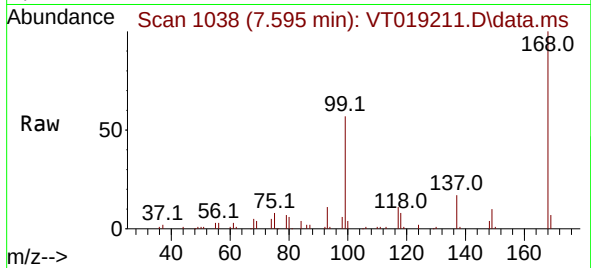
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.1	48.2#
77	0.0	25.1	37.7#



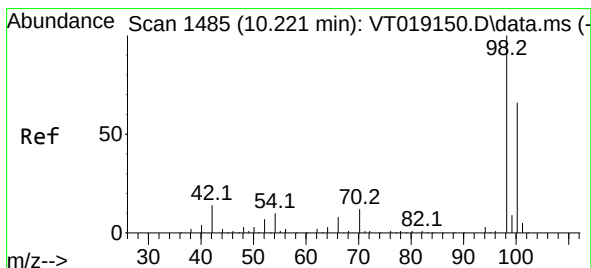
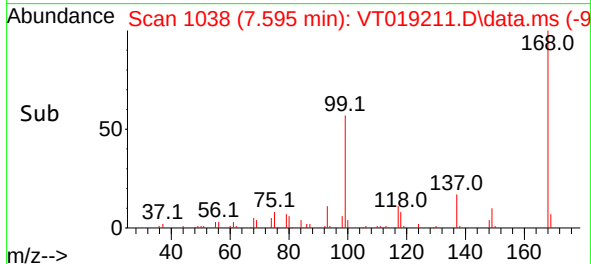
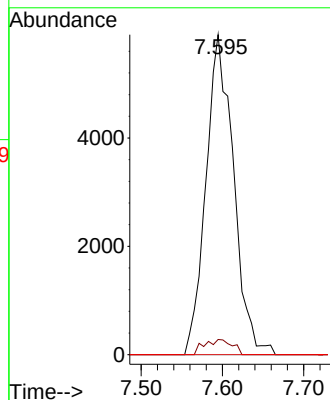


#38
Carbon Tetrachloride
Concen: 9.020 ug/l
RT: 7.595 min Scan# 1047
Delta R.T. -0.064 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL03

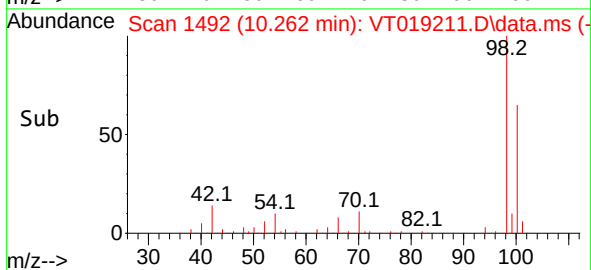
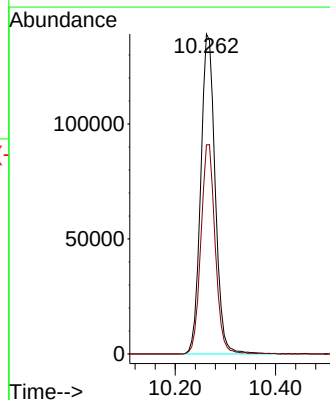
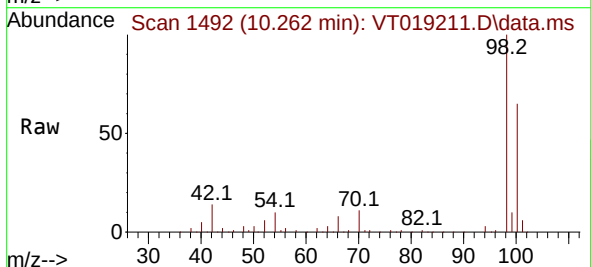


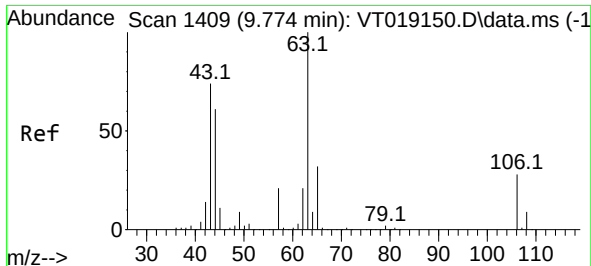
Tgt Ion:117 Resp: 13935
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 45.385 ug/l
RT: 10.262 min Scan# 1492
Delta R.T. 0.035 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Tgt Ion: 98 Resp: 278398
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3

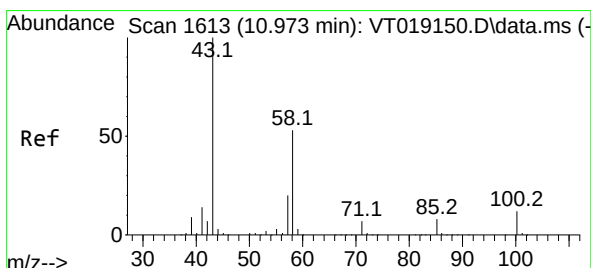
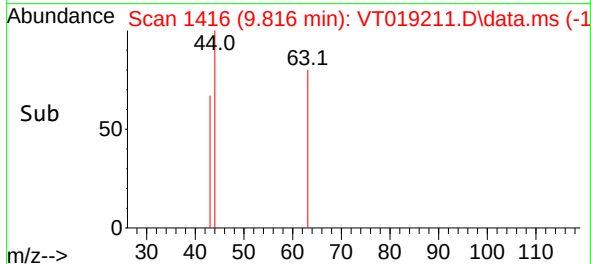
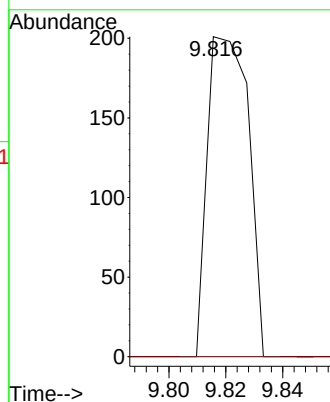
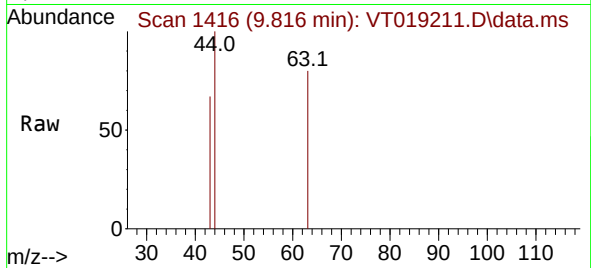




#58
2-Chloroethyl Vinyl ether
Concen: 0.300 ug/l
RT: 9.816 min Scan# 1409
Delta R.T. 0.036 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

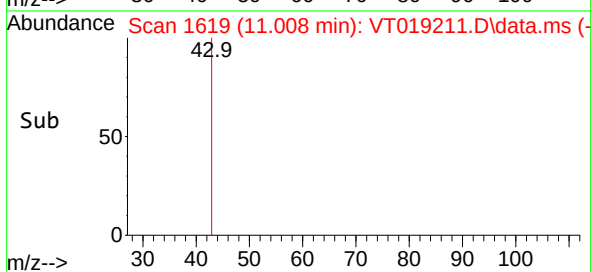
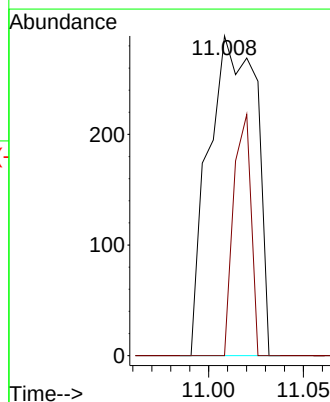
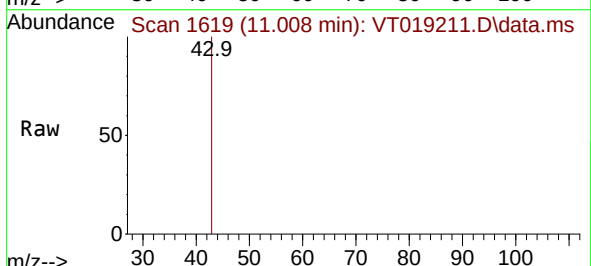
Instrument :
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ClientSampleId :
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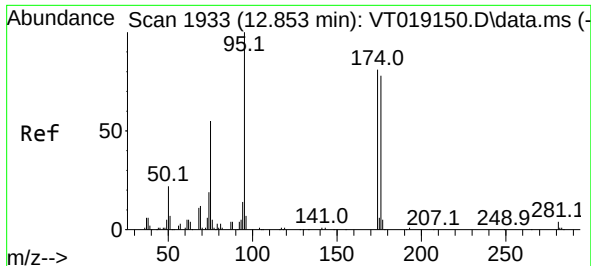
Tgt Ion: 63 Resp: 201
Ion Ratio Lower Upper
63 100
106 0.0 22.4 33.6#



#59
2-Hexanone
Concen: 0.240 ug/l
RT: 11.008 min Scan# 1619
Delta R.T. 0.029 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 27.6 26.1 78.3

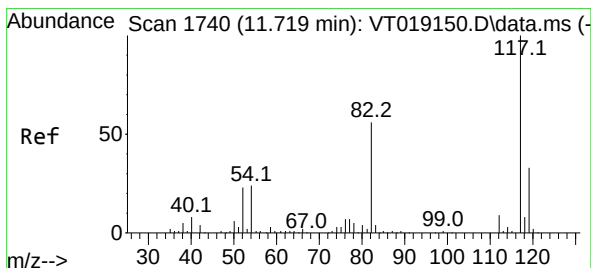
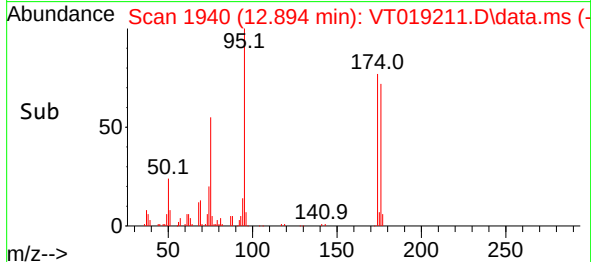
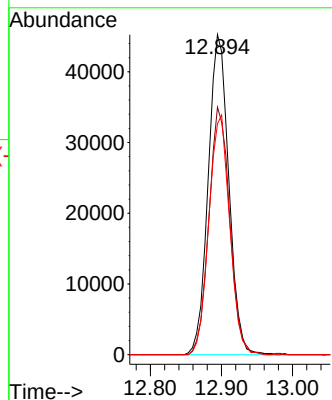
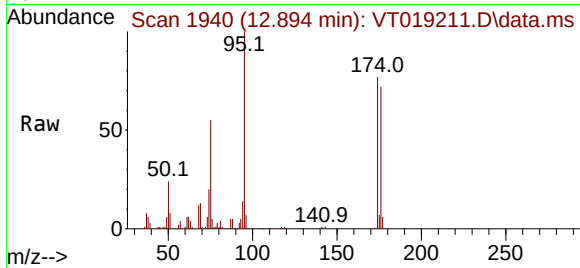




#62
4-Bromofluorobenzene
Concen: 47.261 ug/l
RT: 12.894 min Scan# 1933
Delta R.T. 0.035 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

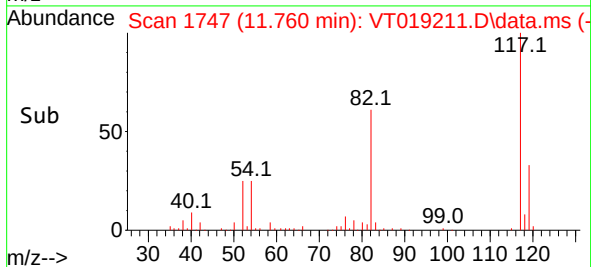
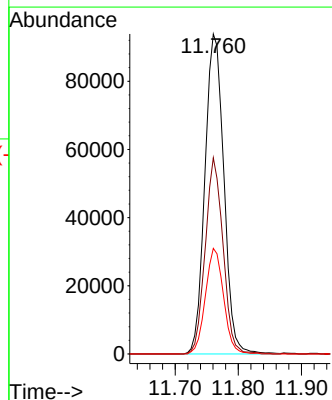
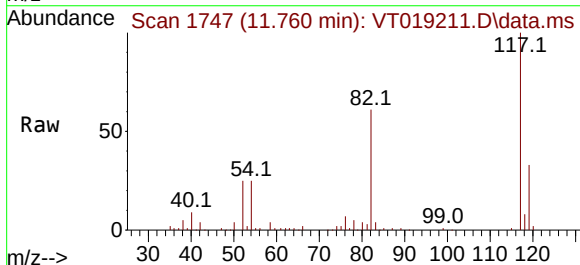
Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL03

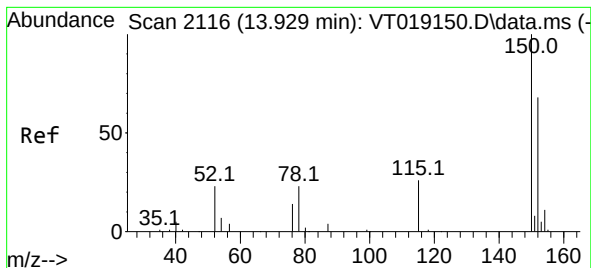
Tgt Ion: 95	Resp: 91137
Ion Ratio	Lower Upper
95	100
174	78.2 0.0 160.6
176	75.5 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.760 min Scan# 1747
Delta R.T. 0.035 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Tgt Ion: 117	Resp: 195034
Ion Ratio	Lower Upper
117	100
82	61.3 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: VT019211.D

Acq: 30 Oct 2025 11:37

Instrument :

MSVOA_T

ClientSampleId :

VT1030WBL03

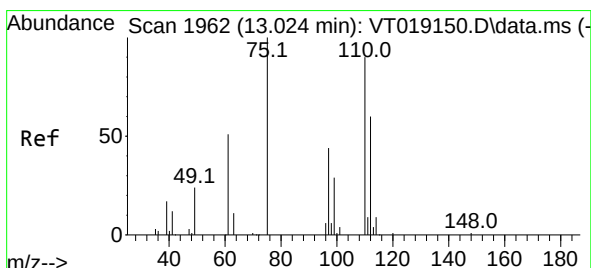
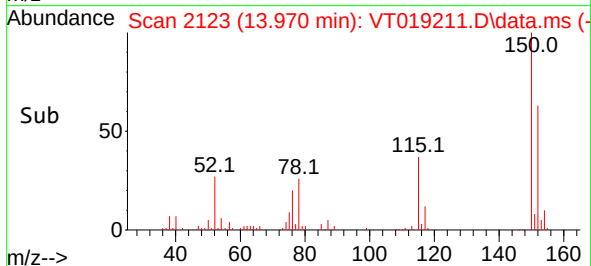
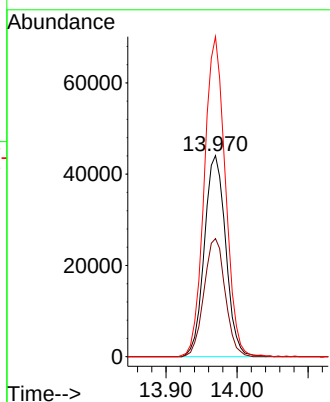
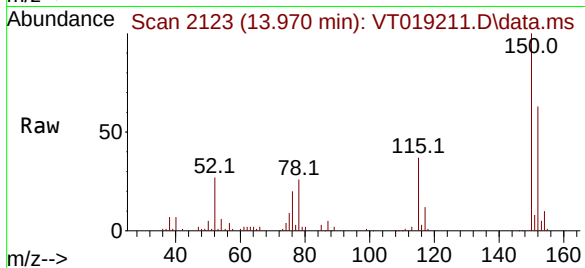
Tgt Ion:152 Resp: 92300

Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.9

150 156.7 0.0 342.6



#76

1,2,3-Trichloropropane

Concen: 27.207 ug/l

RT: 12.900 min Scan# 1941

Delta R.T. -0.130 min

Lab File: VT019211.D

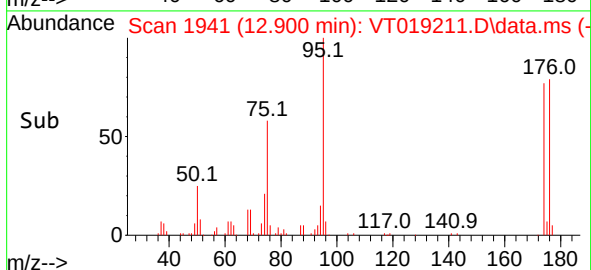
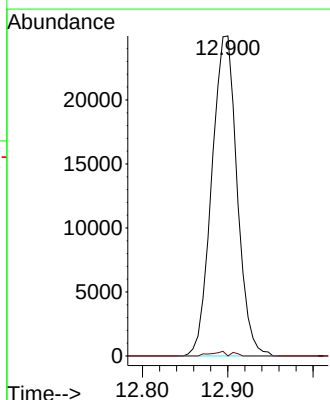
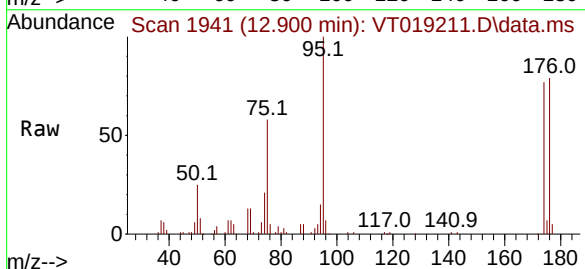
Acq: 30 Oct 2025 11:37

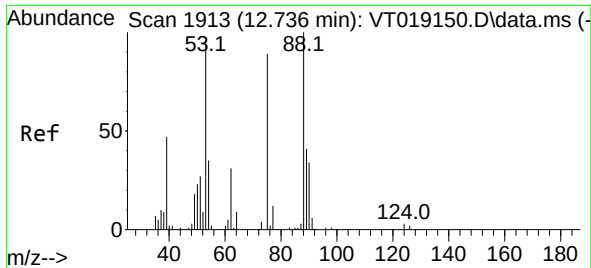
Tgt Ion: 75 Resp: 51675

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#

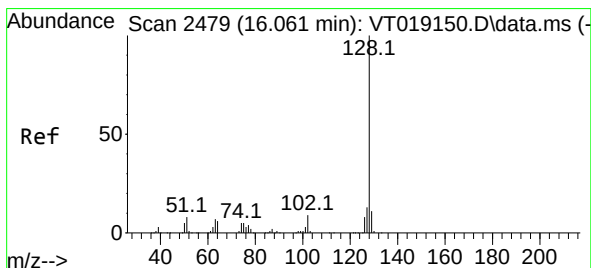
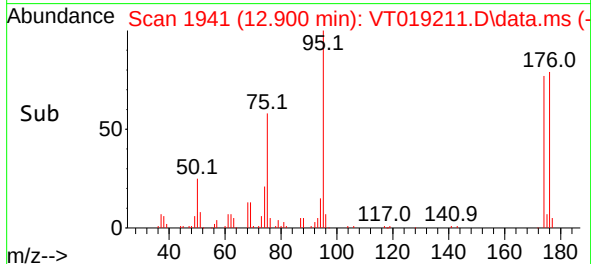
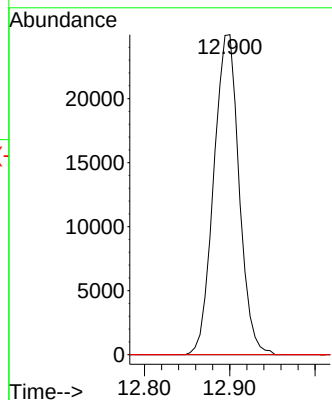
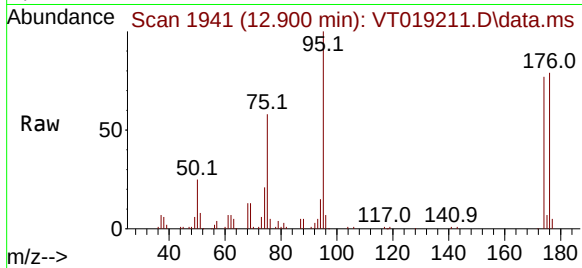




#81
trans-1,4-Dichloro-2-butene
Concen: 63.836 ug/l
RT: 12.900 min Scan# 1941
Delta R.T. 0.164 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Instrument :
MSVOA_T
ClientSampleId :
VT1030WBL03

Tgt Ion: 75 Resp: 51675
Ion Ratio Lower Upper
75 100
53 0.0 86.0 129.0#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.302 ug/l
RT: 16.108 min Scan# 2487
Delta R.T. 0.047 min
Lab File: VT019211.D
Acq: 30 Oct 2025 11:37

Tgt Ion:128 Resp: 1840
Ion Ratio Lower Upper
128 100
127 3.0 10.5 15.7#
129 0.0 8.8 13.2#

