

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019221.D
 Acq On : 31 Oct 2025 11:23
 Operator : SY/MD
 Sample : VT1031WBL02
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBL02

Quant Time: Nov 01 05:18:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

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

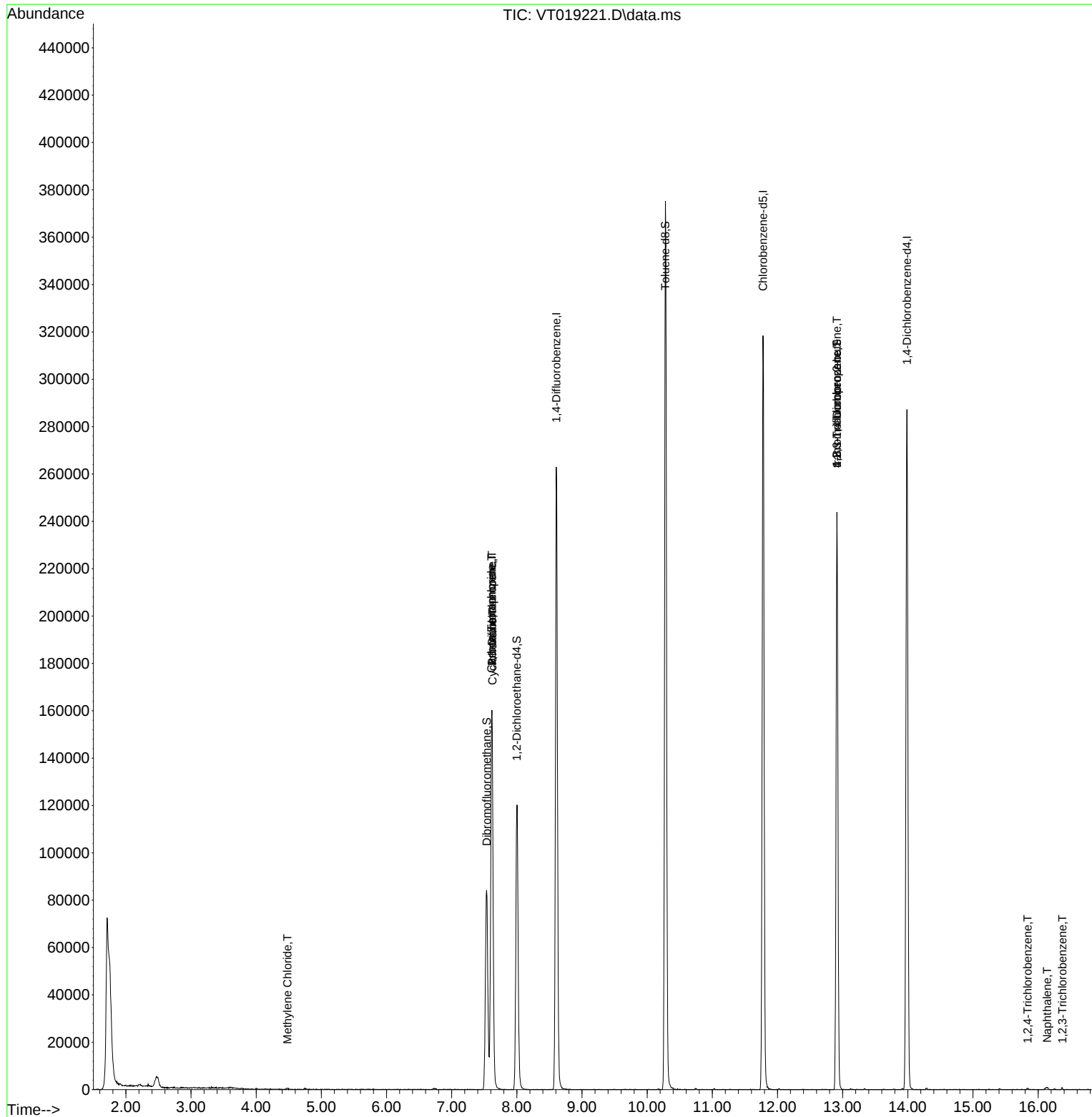
Internal Standards						
1) Pentafluorobenzene	7.618	168	135931	50.000	ug/l	0.07
34) 1,4-Difluorobenzene	8.605	114	238513	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	199569	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	94029	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	102663	46.954	ug/l	0.07
Spiked Amount	50.000		Recovery	=	93.900%	
35) Dibromofluoromethane	7.536	113	70222	46.550	ug/l	0.07
Spiked Amount	50.000		Recovery	=	93.100%	
50) Toluene-d8	10.280	98	282273	46.078	ug/l	0.05
Spiked Amount	50.000		Recovery	=	92.160%	
62) 4-Bromofluorobenzene	12.912	95	91898	47.718	ug/l	0.05
Spiked Amount	50.000		Recovery	=	95.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	503	Below Cal	#	45
20) Methylene Chloride	4.481	84	295	0.202	ug/l #	34
31) Cyclohexane	7.624	56	3459	1.621	ug/l #	19
36) 1,1-Dichloropropene	7.618	75	11814	6.962	ug/l #	50
38) Carbon Tetrachloride	7.612	117	13781	8.932	ug/l #	16
76) 1,2,3-Trichloropropane	12.912	75	53687	27.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.912	75	53687	65.102	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.838	180	433	0.244	ug/l #	70
95) Naphthalene	16.138	128	2589	0.416	ug/l #	69
96) 1,2,3-Trichlorobenzene	16.373	180	384	0.219	ug/l #	84

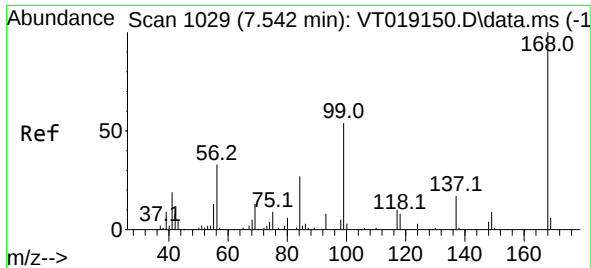
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
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Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Nov 01 05:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 2025
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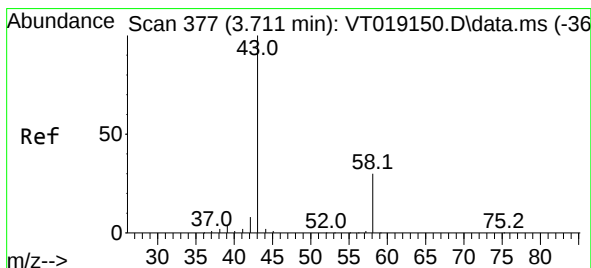
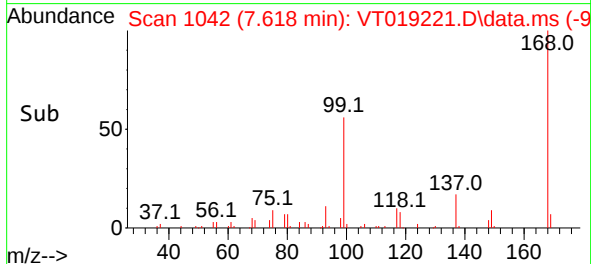
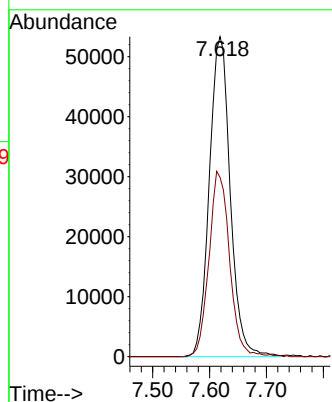
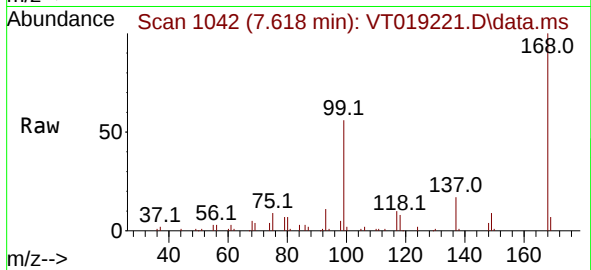




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.618 min Scan# 1029
Delta R.T. 0.070 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

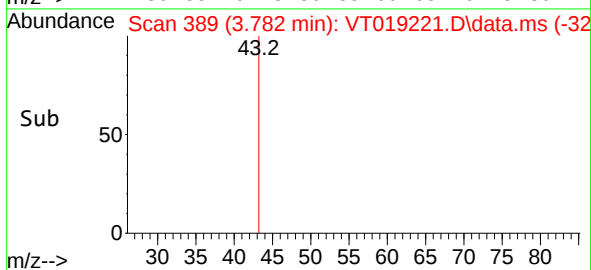
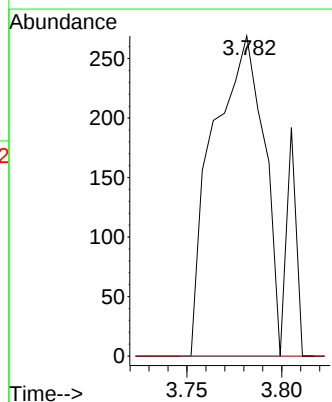
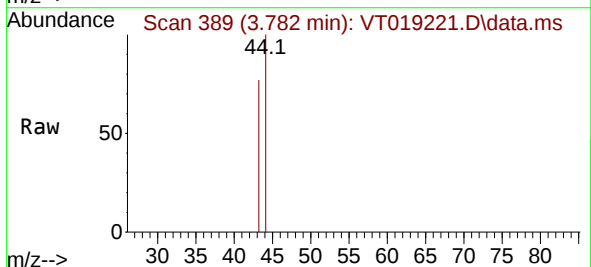
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MSVOA_T
ClientSampleId :
VT1031WBL02

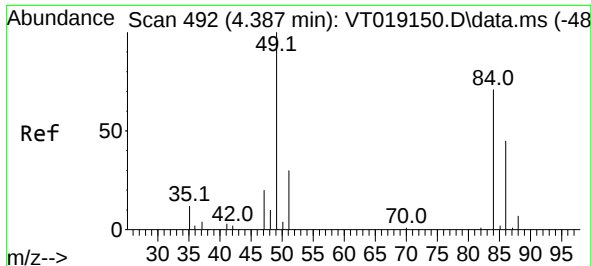
Tgt Ion:168 Resp: 135931
Ion Ratio Lower Upper
168 100
99 56.0 46.6 70.0



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 389
Delta R.T. 0.065 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

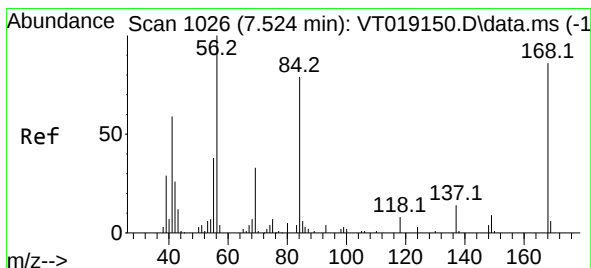
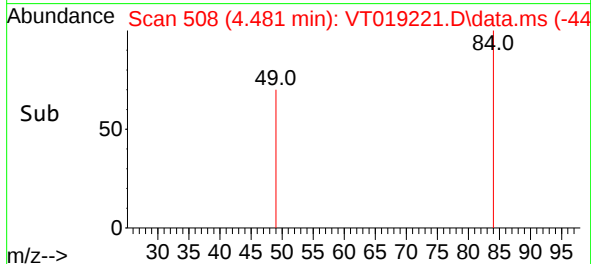
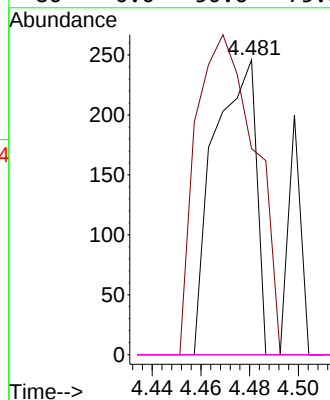
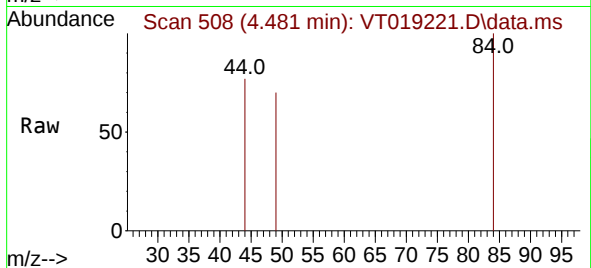




#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 4.481 min Scan# 508
Delta R.T. 0.083 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

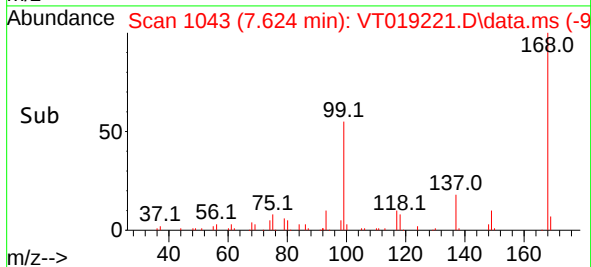
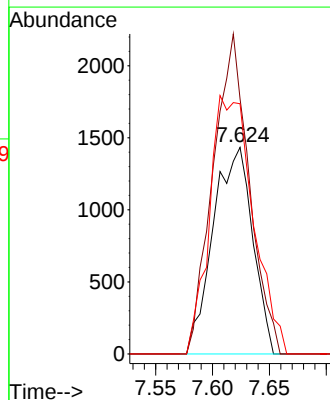
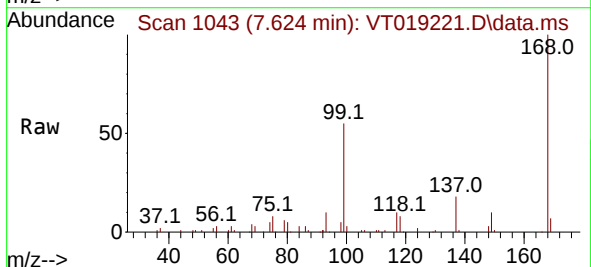
Instrument :
MSVOA_T
ClientSampleId :
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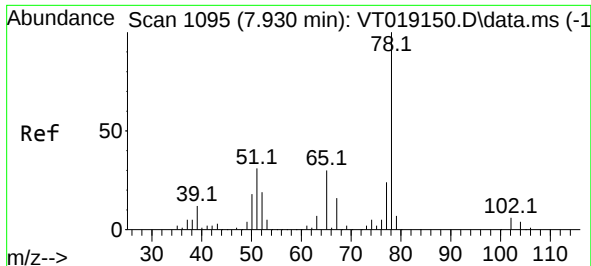
Tgt Ion: 84	Resp: 295
Ion Ratio	Lower Upper
84 100	
49 69.9	113.1 169.7#
51 0.0	33.6 50.4#
86 0.0	50.6 75.8#



#31
Cyclohexane
Concen: 1.621 ug/l
RT: 7.624 min Scan# 1043
Delta R.T. 0.088 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Tgt Ion: 56	Resp: 3459		
Ion Ratio	Lower	Upper	
56 100			
69 123.5	26.1	39.1#	
84 121.1	63.6	95.4#	

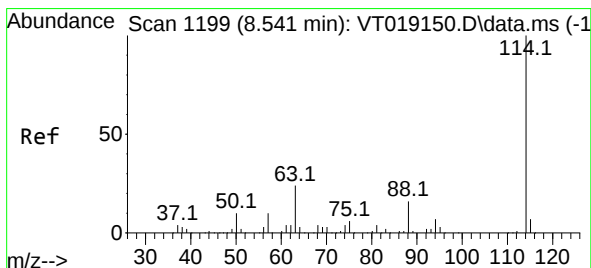
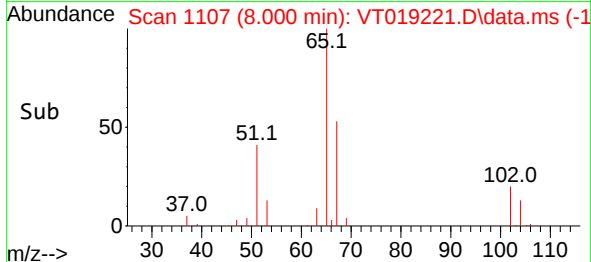
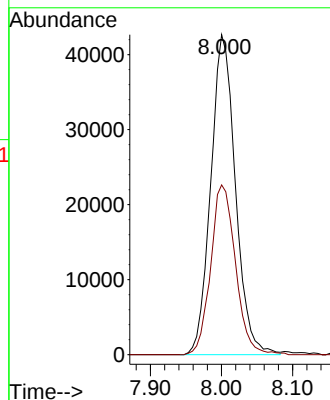
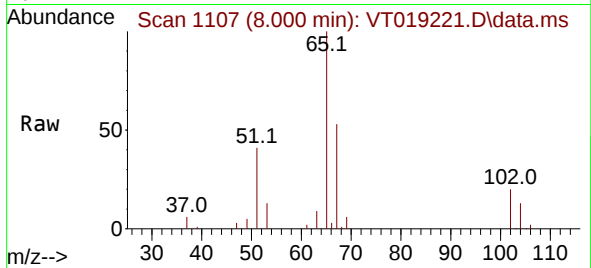




#33
 1,2-Dichloroethane-d4
 Concen: 46.954 ug/l
 RT: 8.000 min Scan# 1107
 Delta R.T. 0.065 min
 Lab File: VT019221.D
 Acq: 31 Oct 2025 11:23

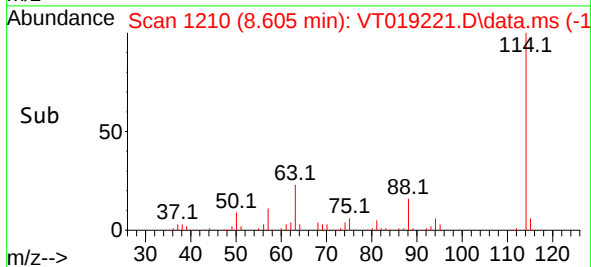
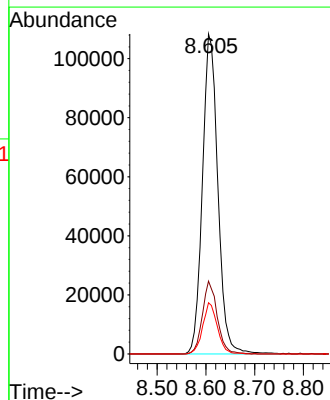
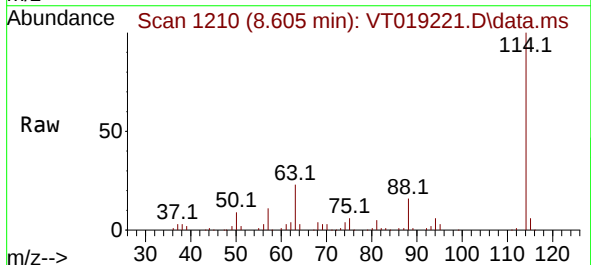
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBL02

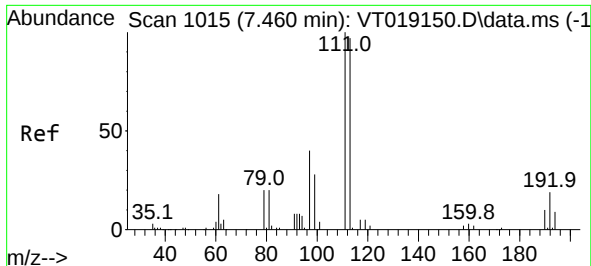
Tgt Ion: 65 Resp: 102663
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.605 min Scan# 1210
 Delta R.T. 0.058 min
 Lab File: VT019221.D
 Acq: 31 Oct 2025 11:23

Tgt Ion: 114 Resp: 238513
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.2
 88 16.0 0.0 32.6

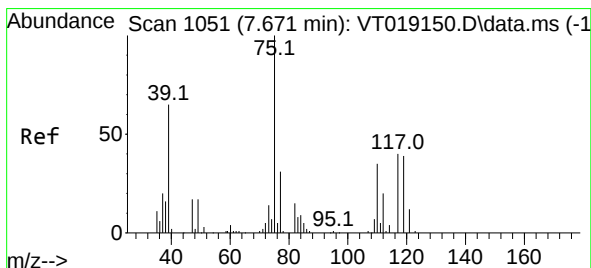
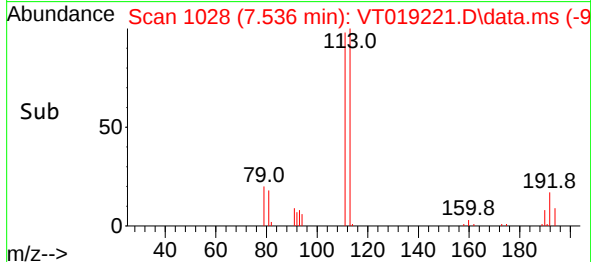
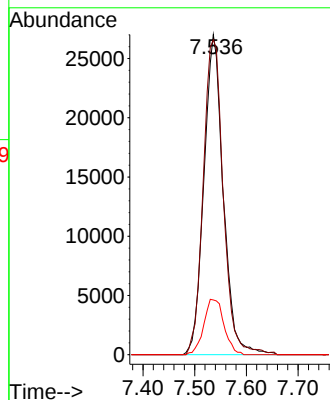
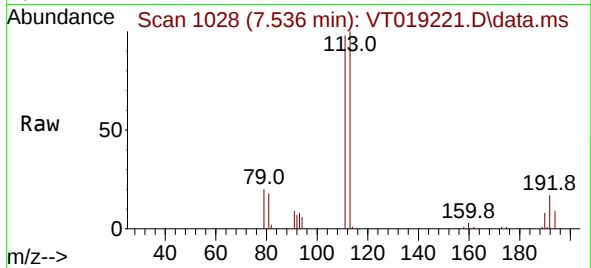




#35
 Dibromofluoromethane
 Concen: 46.550 ug/l
 RT: 7.536 min Scan# 1042
 Delta R.T. 0.071 min
 Lab File: VT019221.D
 Acq: 31 Oct 2025 11:23

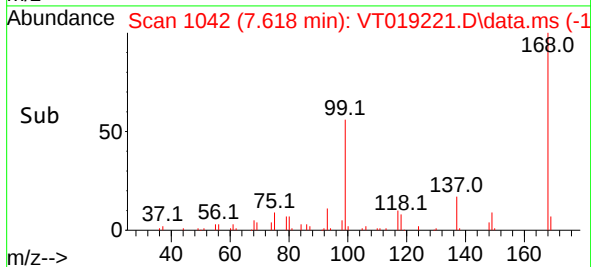
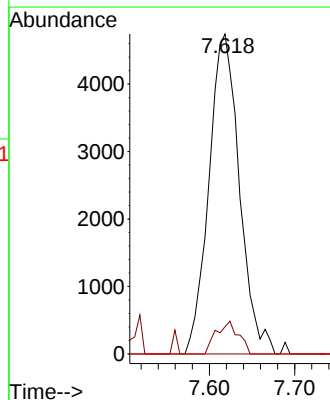
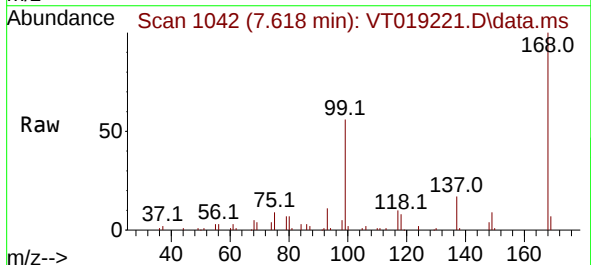
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBL02

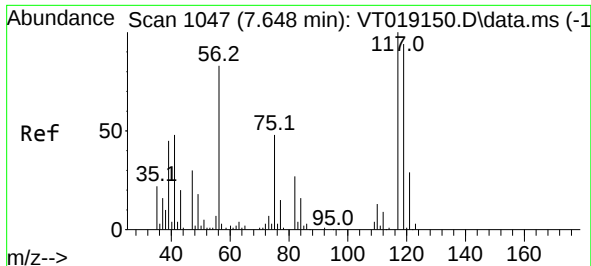
Tgt Ion:113 Resp: 70222
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.6 122.4
 192 18.1 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 6.962 ug/l
 RT: 7.618 min Scan# 1042
 Delta R.T. -0.065 min
 Lab File: VT019221.D
 Acq: 31 Oct 2025 11:23

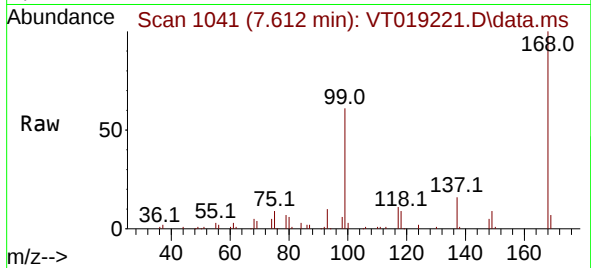
Tgt Ion: 75 Resp: 11814
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.1 48.2#
 77 0.0 25.1 37.7#



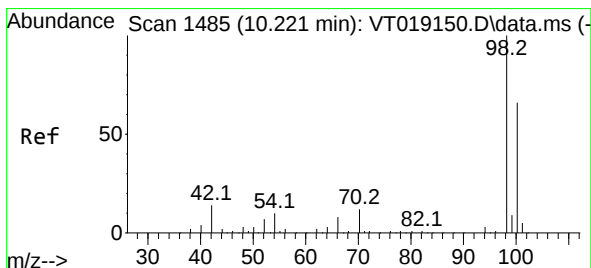
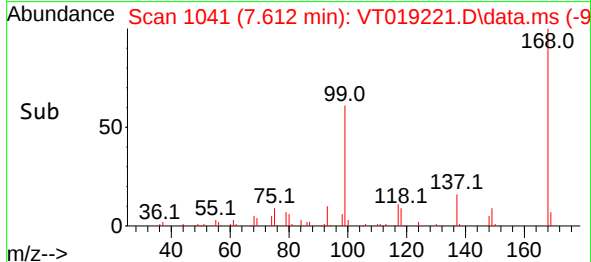
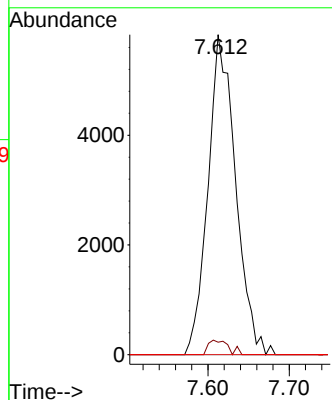


#38
Carbon Tetrachloride
Concen: 8.932 ug/l
RT: 7.612 min Scan# 1041
Delta R.T. -0.047 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Instrument :
MSVOA_T
ClientSampleId :
VT1031WBL02

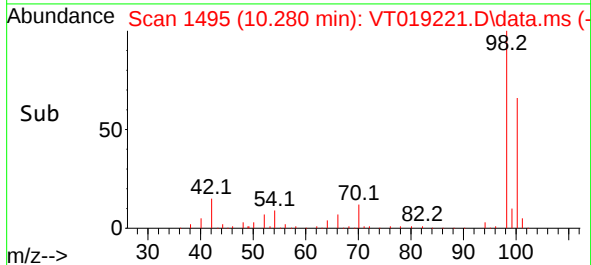
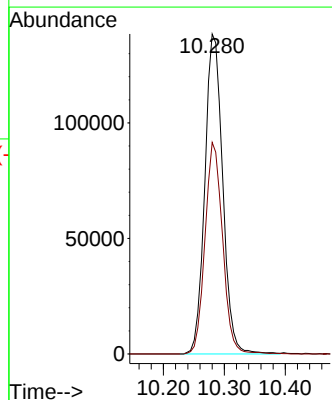
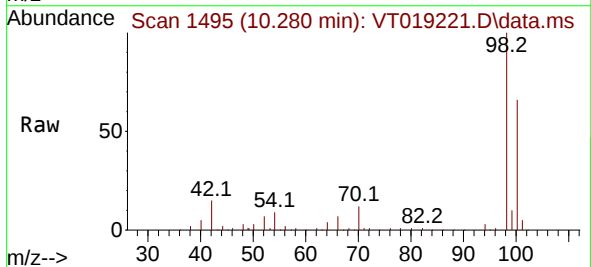


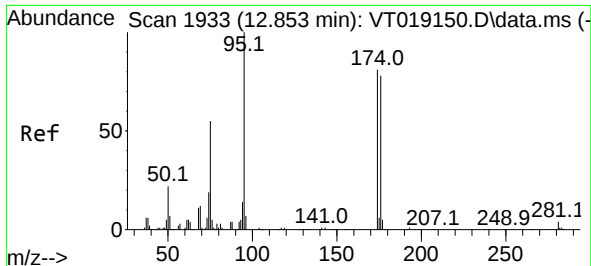
Tgt Ion:117 Resp: 13781
Ion Ratio Lower Upper
117 100
119 3.9 75.0 112.6#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 46.078 ug/l
RT: 10.280 min Scan# 1495
Delta R.T. 0.053 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Tgt Ion: 98 Resp: 282273
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

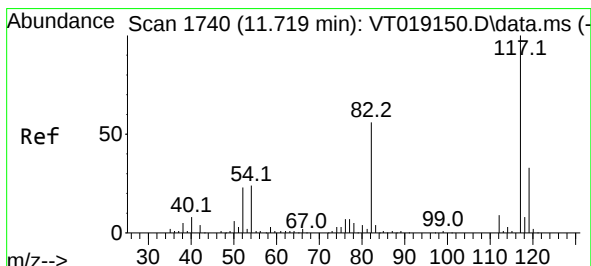
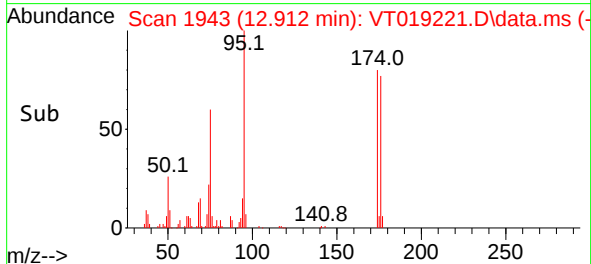
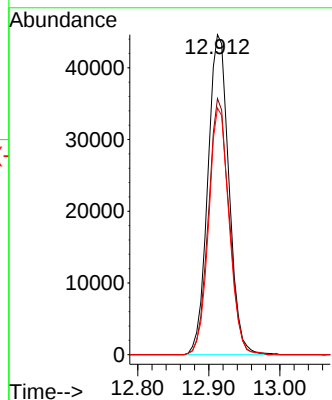
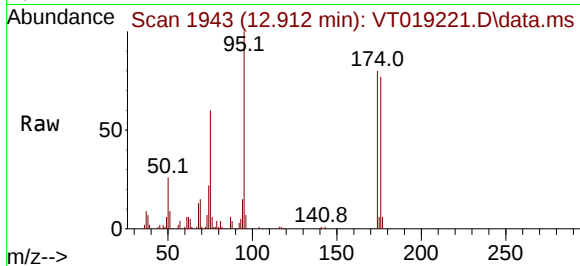




#62
4-Bromofluorobenzene
Concen: 47.718 ug/l
RT: 12.912 min Scan# 1933
Delta R.T. 0.053 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

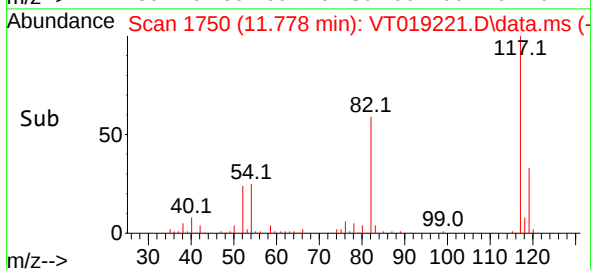
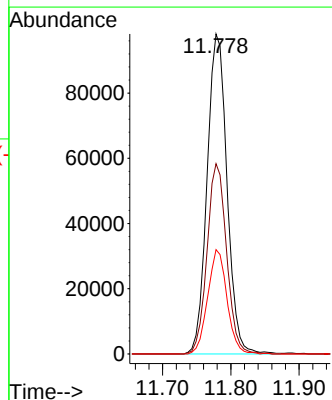
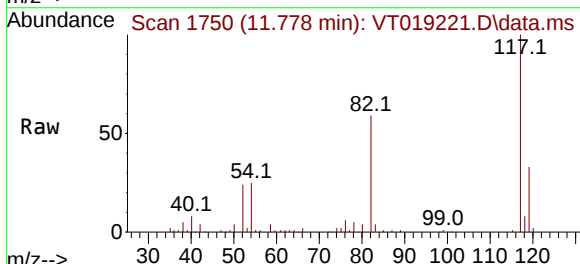
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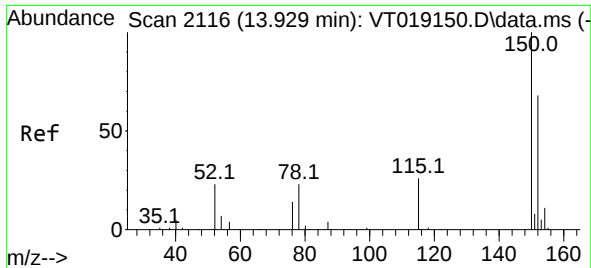
Tgt Ion: 95	Resp: 91898
Ion Ratio	Lower Upper
95 100	
174 78.6	0.0 160.6
176 75.0	0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.778 min Scan# 1750
Delta R.T. 0.053 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Tgt Ion: 117	Resp: 199569
Ion Ratio	Lower Upper
117 100	
82 59.4	45.1 67.7
119 32.6	26.6 40.0

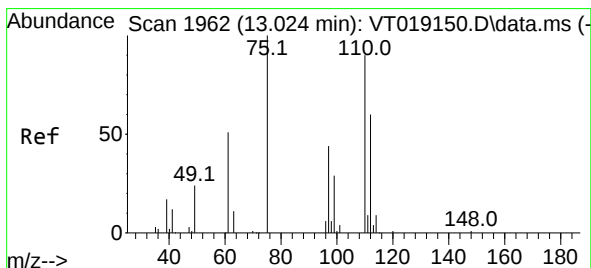
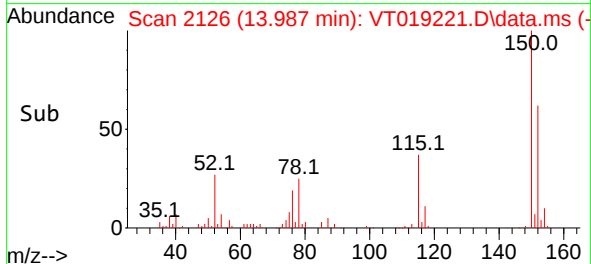
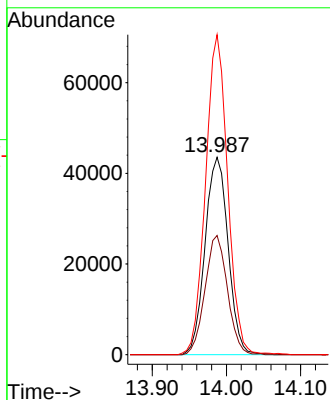
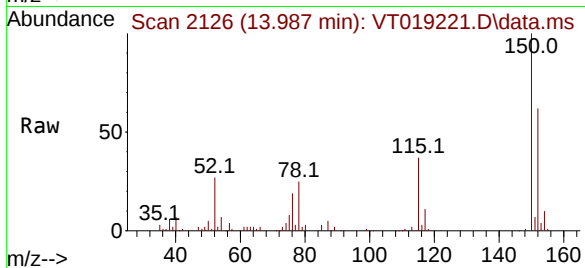




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.987 min Scan# 2116
 Delta R.T. 0.058 min
 Lab File: VT019221.D
 Acq: 31 Oct 2025 11:23

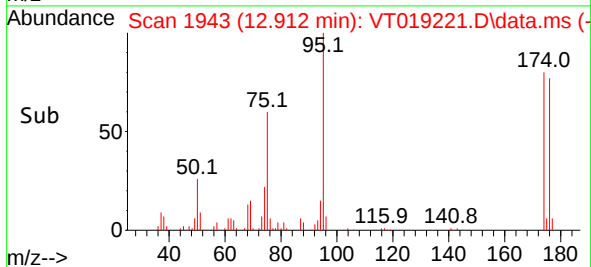
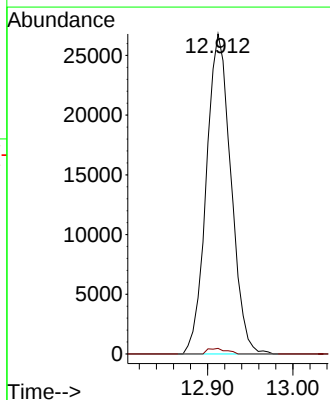
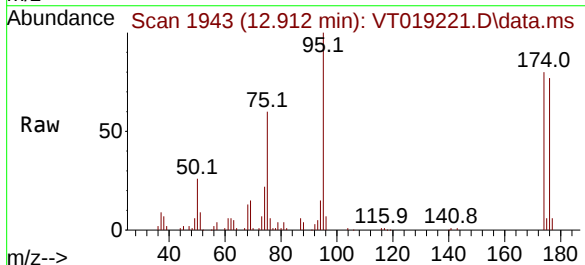
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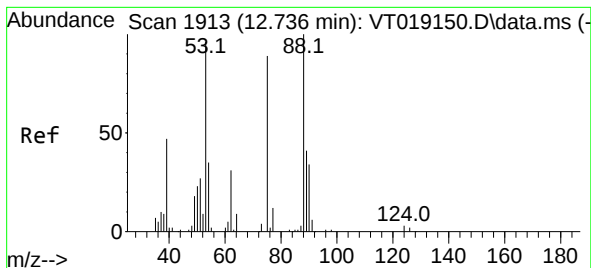
Tgt Ion:152 Resp: 94029
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.6 88.9
 150 155.4 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 27.746 ug/l
 RT: 12.912 min Scan# 1943
 Delta R.T. -0.118 min
 Lab File: VT019221.D
 Acq: 31 Oct 2025 11:23

Tgt Ion: 75 Resp: 53687
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

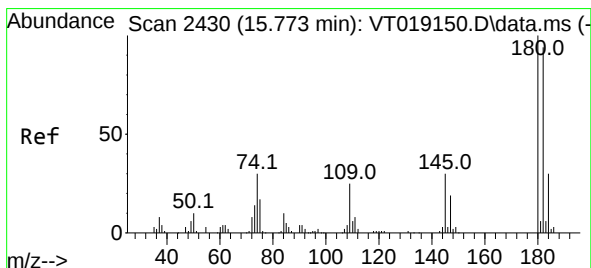
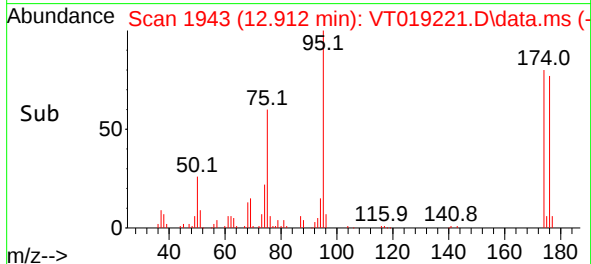
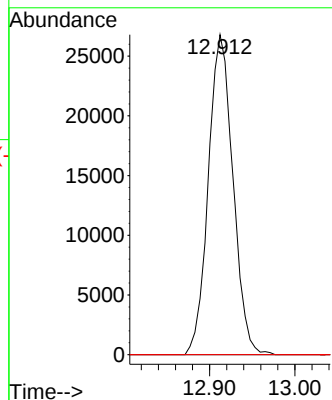
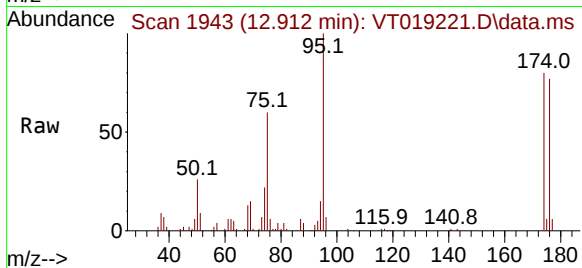




#81
trans-1,4-Dichloro-2-butene
Concen: 65.102 ug/l
RT: 12.912 min Scan# 1913
Delta R.T. 0.176 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

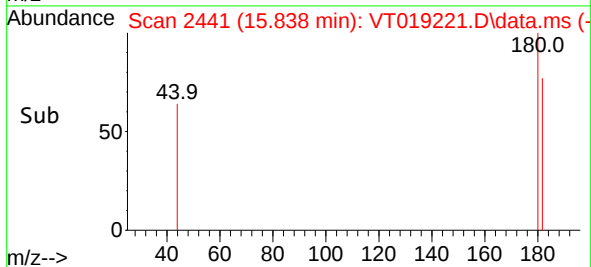
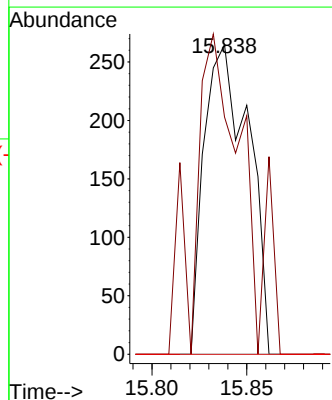
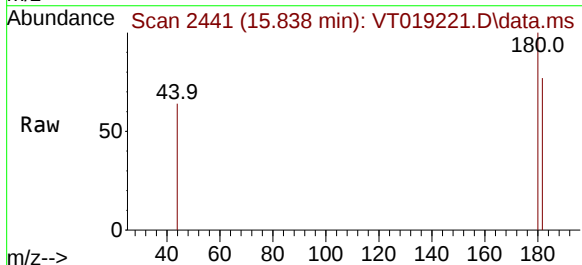
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBL02

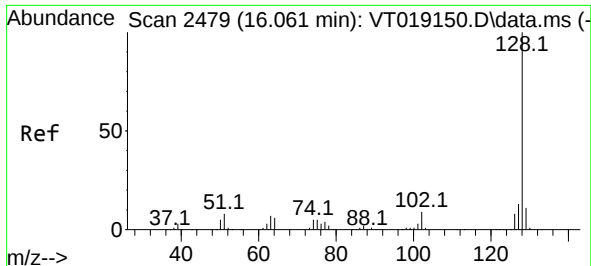
Tgt Ion: 75 Resp: 53687
Ion Ratio Lower Upper
75 100
53 0.0 86.0 129.0#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.244 ug/l
RT: 15.838 min Scan# 2441
Delta R.T. 0.065 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Tgt Ion: 180 Resp: 433
Ion Ratio Lower Upper
180 100
182 115.7 47.0 141.0
145 0.0 15.0 45.0#

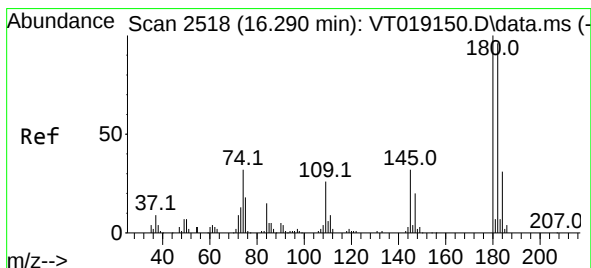
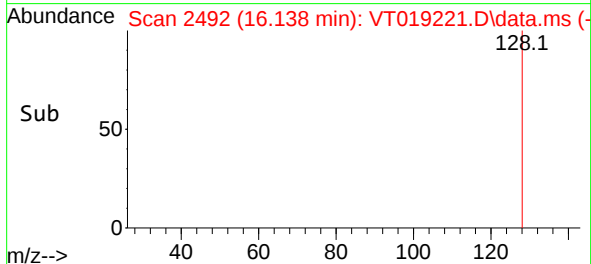
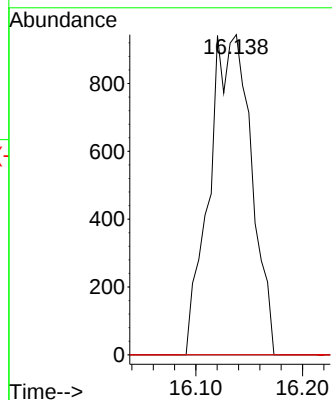
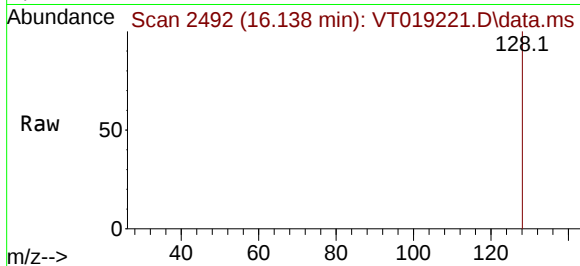




#95
Naphthalene
Concen: 0.416 ug/l
RT: 16.138 min Scan# 2479
Delta R.T. 0.077 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Instrument :
MSVOA_T
ClientSampleId :
VT1031WBL02

Tgt Ion:128 Resp: 2589
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 16.373 min Scan# 2532
Delta R.T. 0.077 min
Lab File: VT019221.D
Acq: 31 Oct 2025 11:23

Tgt Ion:180 Resp: 384
Ion Ratio Lower Upper
180 100
182 92.4 47.6 142.8
145 0.0 15.8 47.4#

