

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022910.D
 Acq On : 02 Jul 2025 14:23
 Operator : SY/MD
 Sample : Q2475-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

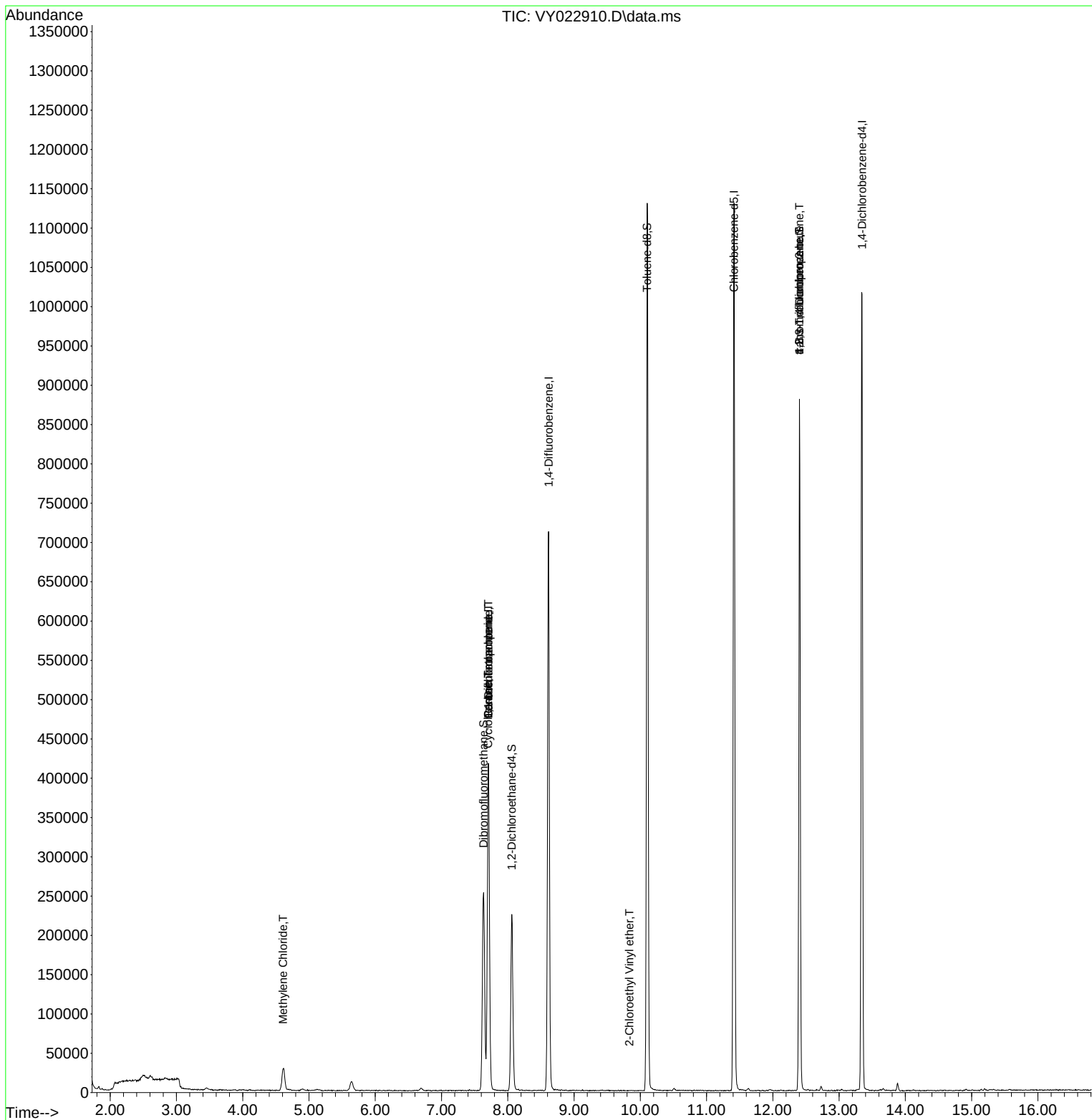
Quant Time: Jul 03 02:22:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

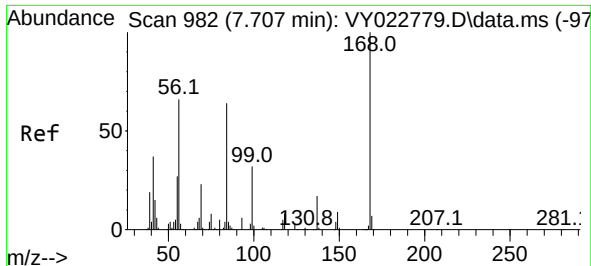
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	305677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	581654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	583667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	250999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177801	52.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.634	113	183147	51.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.560%	
50) Toluene-d8	10.103	98	717302	51.102	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.402	95	255997	56.733	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.460%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.610	84	19862	4.877	ug/l	94
31) Cyclohexane	7.701	56	7811	1.333	ug/l #	34
36) 1,1-Dichloropropene	7.707	75	27065	5.048	ug/l #	50
38) Carbon Tetrachloride	7.707	117	31041	5.487	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.835	63	21	15.665	ug/l #	48
76) 1,2,3-Trichloropropane	12.402	75	140182	54.705	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	140182	138.207	ug/l #	11

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

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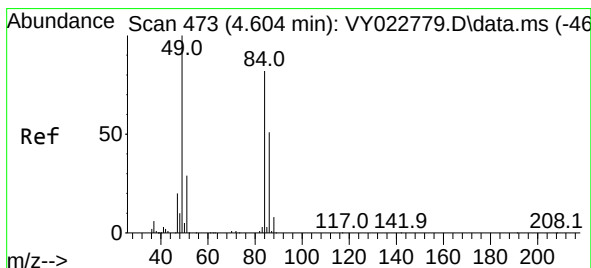
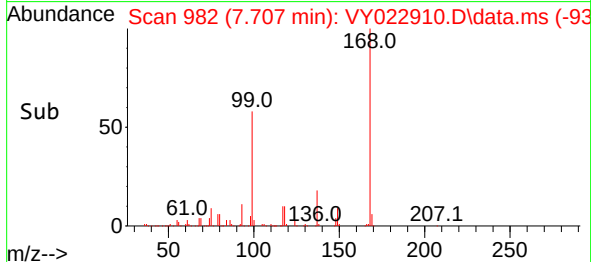
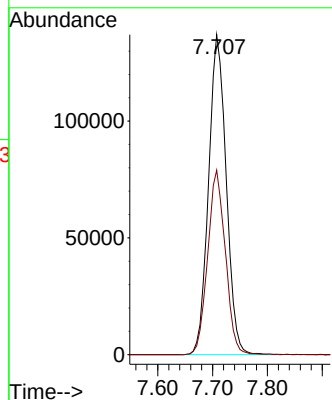
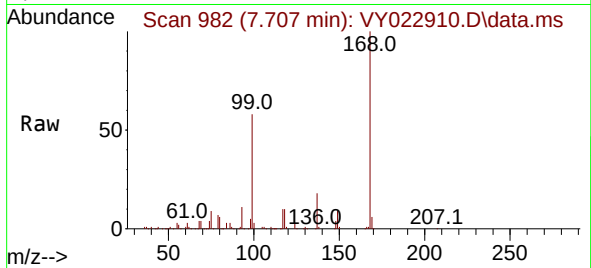




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

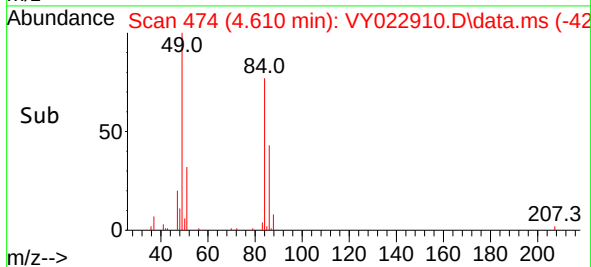
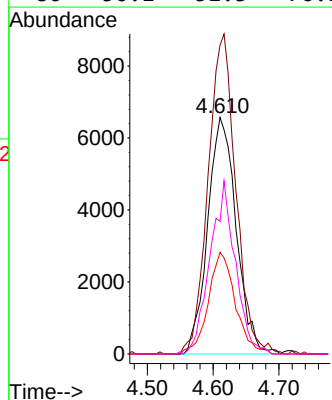
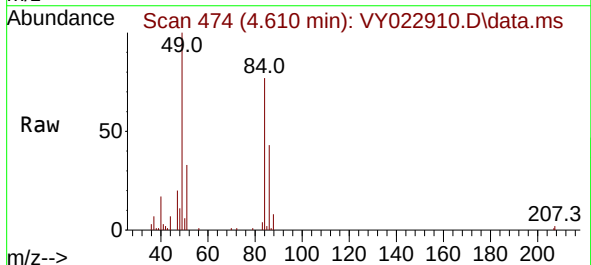
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ClientSampleId :
SOIL-PILE

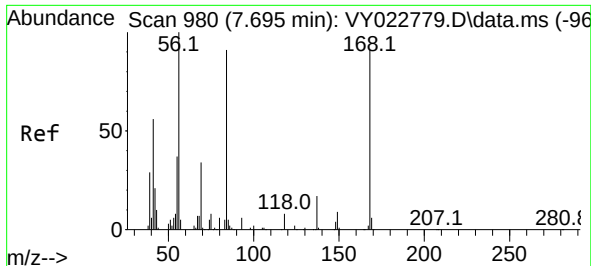
Tgt Ion:168 Resp: 305677
Ion Ratio Lower Upper
168 100
99 57.7 44.3 66.5



#20
Methylene Chloride
Concen: 4.877 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

Tgt Ion: 84 Resp: 19862
Ion Ratio Lower Upper
84 100
49 130.6 101.9 152.9
51 43.0 29.8 44.8
86 56.1 51.3 76.9

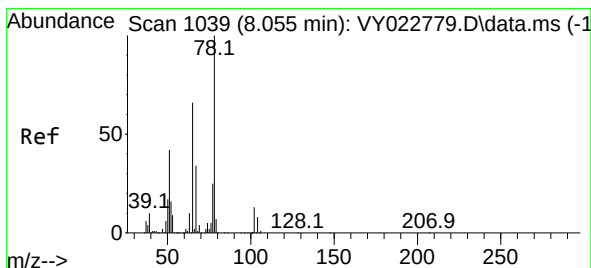
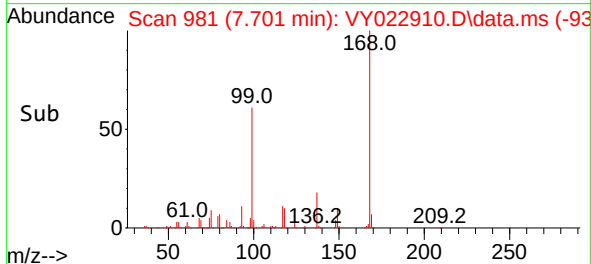
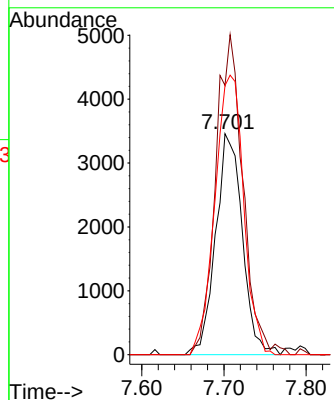
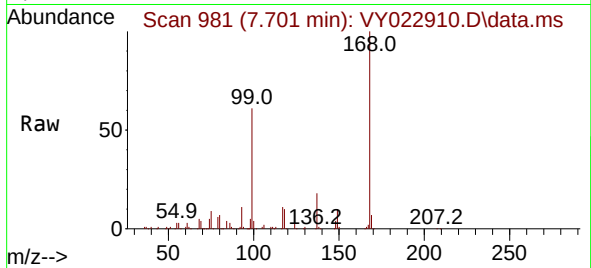




#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

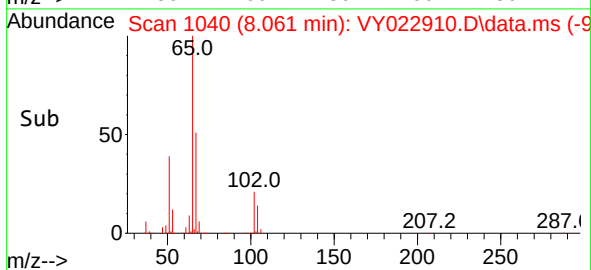
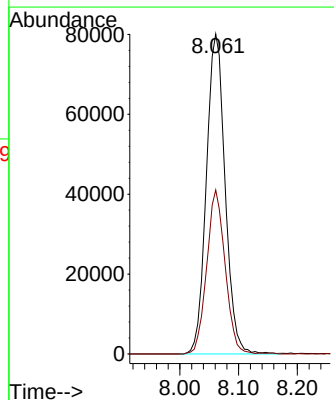
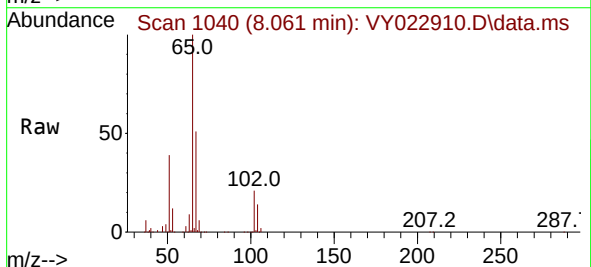
Instrument :
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ClientSampleId :
SOIL-PILE

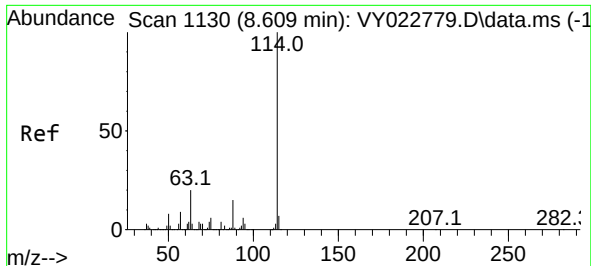
Tgt Ion: 56 Resp: 7811
Ion Ratio Lower Upper
56 100
69 121.9 27.0 40.6#
84 121.8 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 52.116 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

Tgt Ion: 65 Resp: 177801
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4

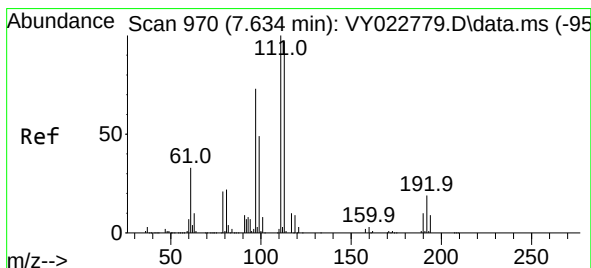
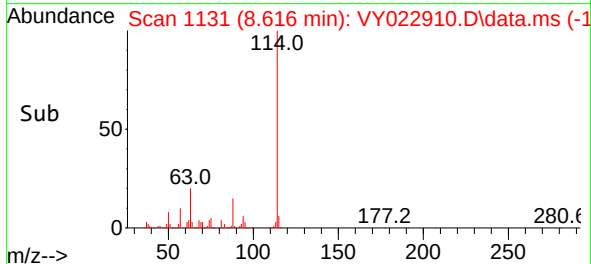
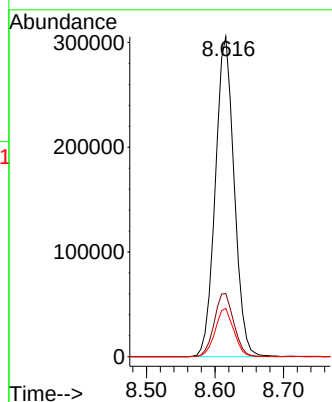
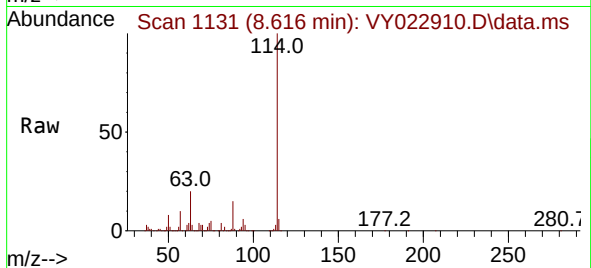




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

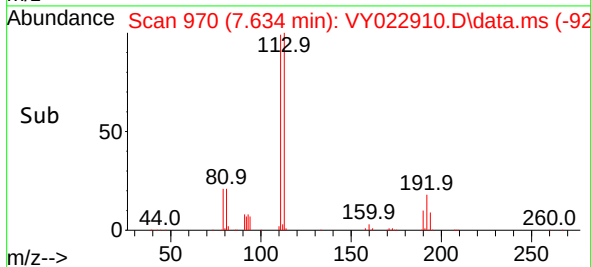
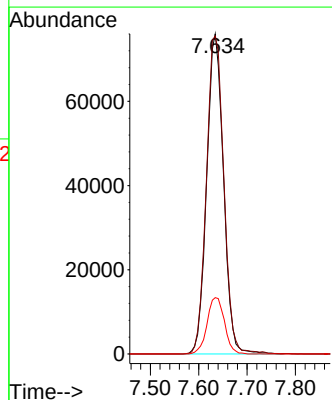
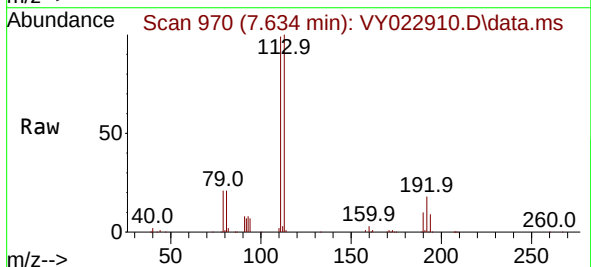
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

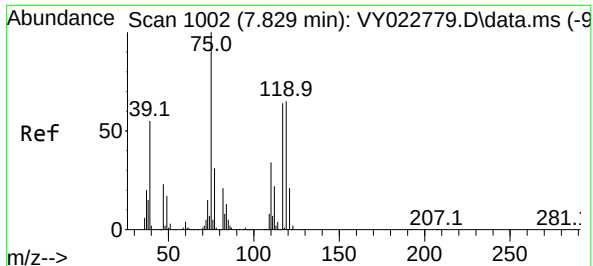
Tgt Ion:114 Resp: 581654
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.1 0.0 27.8



#35
Dibromofluoromethane
Concen: 51.775 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

Tgt Ion:113 Resp: 183147
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 18.3 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY022910.D

Acq: 02 Jul 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE

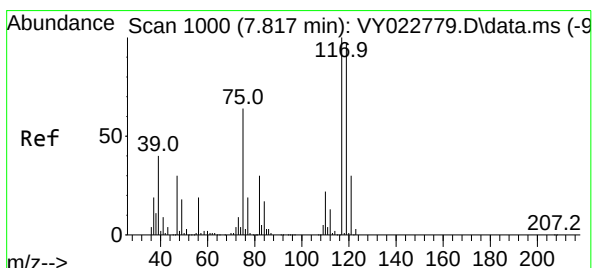
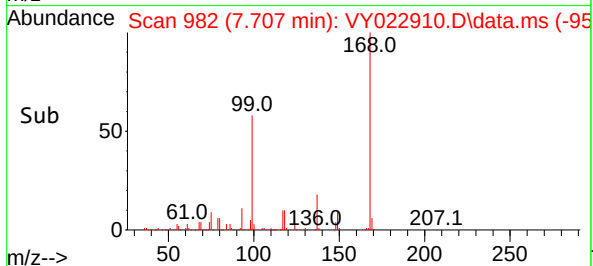
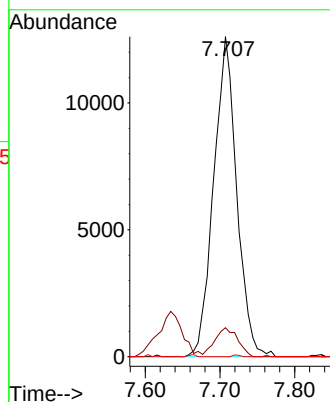
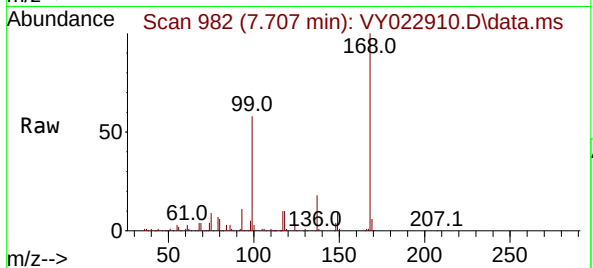
Tgt Ion: 75 Resp: 27065

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.7#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.487 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022910.D

Acq: 02 Jul 2025 14:23

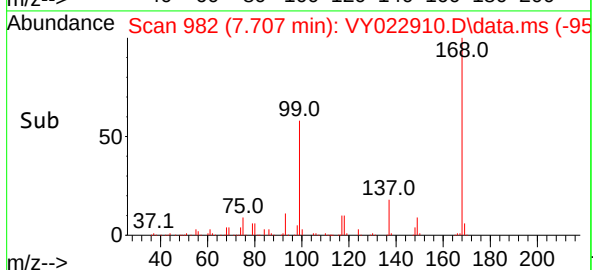
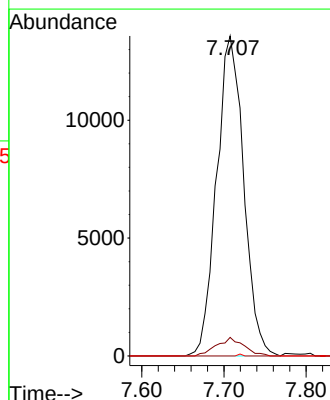
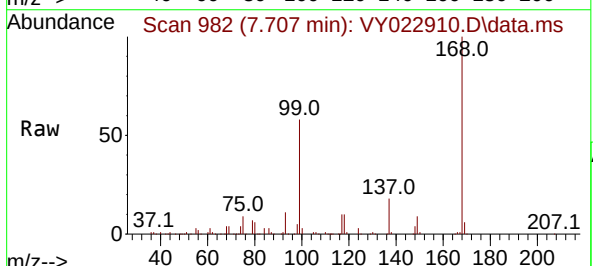
Tgt Ion: 117 Resp: 31041

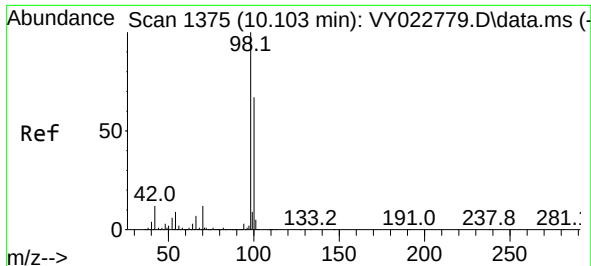
Ion Ratio Lower Upper

117 100

119 5.8 75.0 112.6#

121 0.0 25.0 37.4#

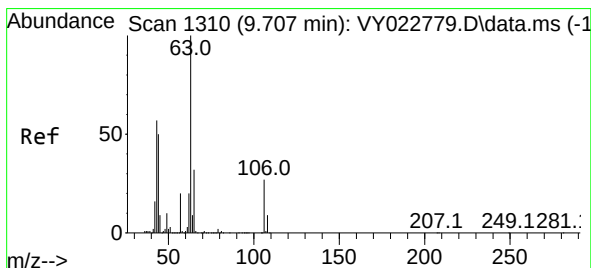
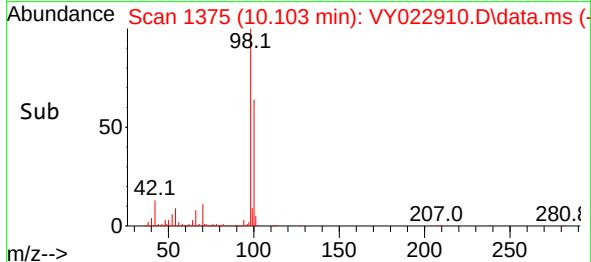
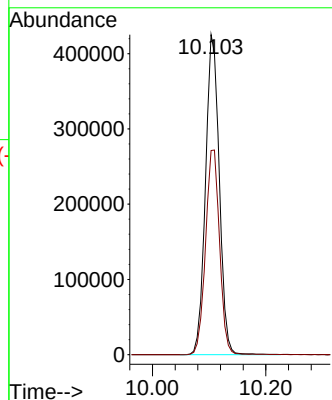
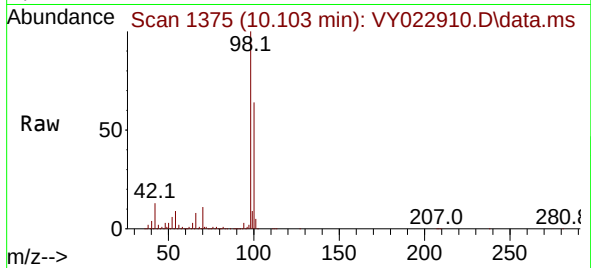




#50
Toluene-d8
Concen: 51.102 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

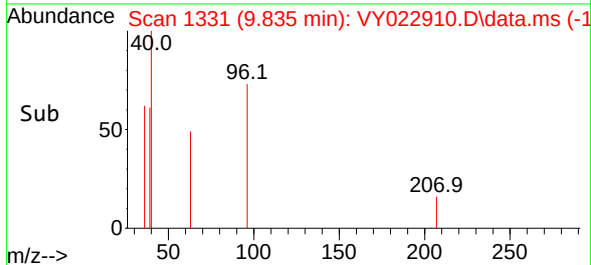
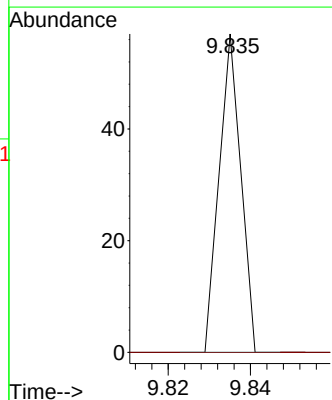
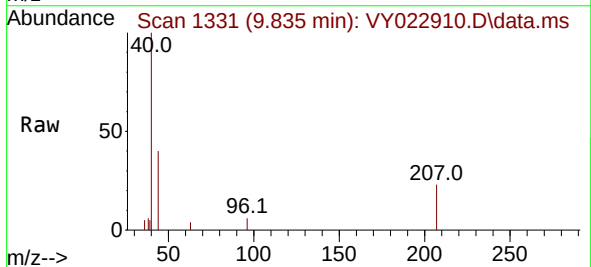
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

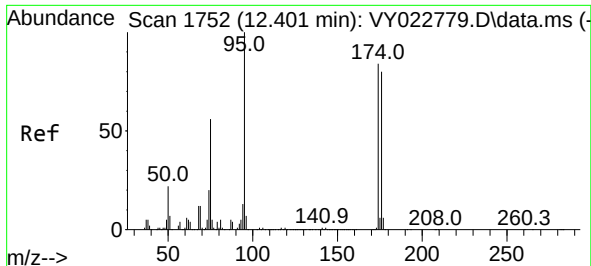
Tgt Ion: 98 Resp: 717302
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#58
2-Chloroethyl Vinyl ether
Concen: 15.665 ug/l
RT: 9.835 min Scan# 1331
Delta R.T. 0.122 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

Tgt Ion: 63 Resp: 21
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#

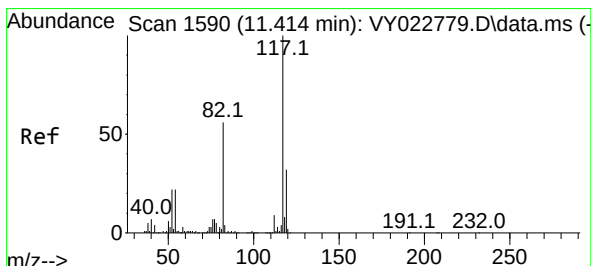
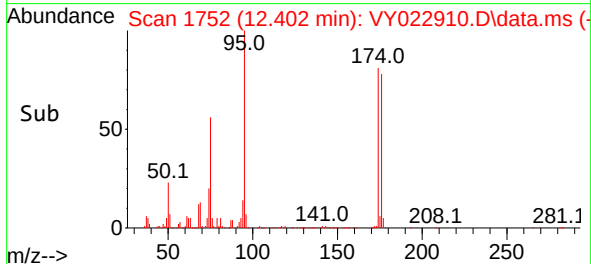
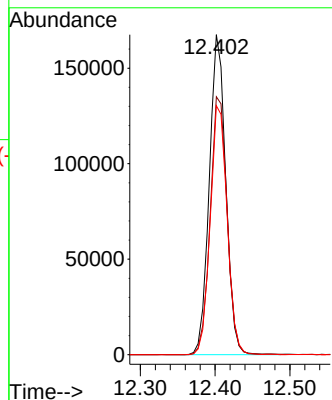
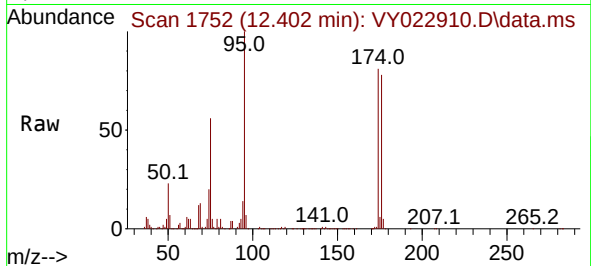




#62
4-Bromofluorobenzene
Concen: 56.733 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

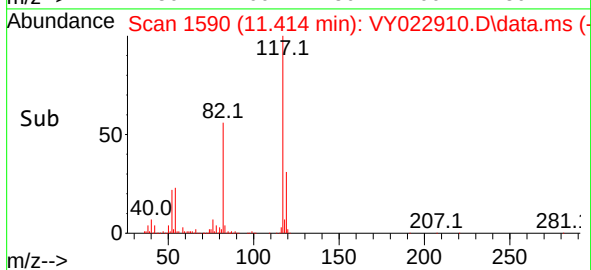
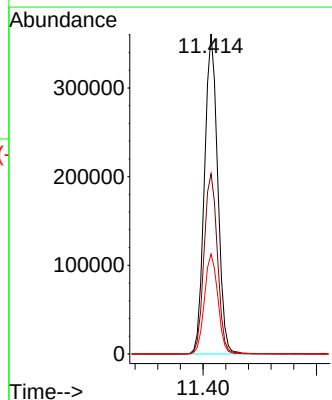
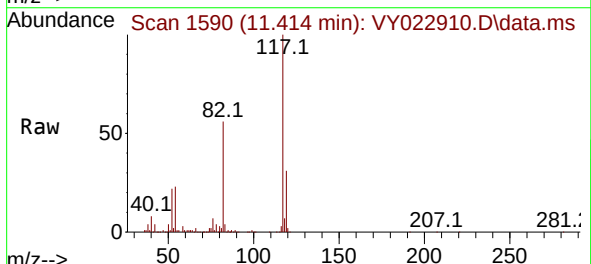
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ClientSampleId :
SOIL-PILE

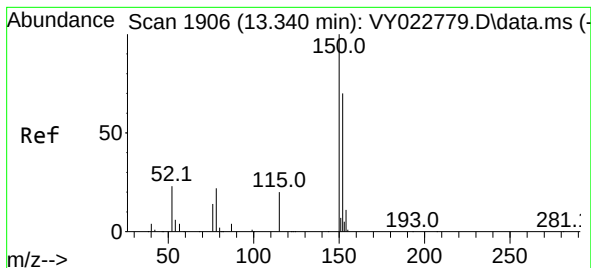
Tgt Ion: 95 Resp: 255997
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.0
176 80.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022910.D
Acq: 02 Jul 2025 14:23

Tgt Ion: 117 Resp: 583667
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 31.2 25.4 38.0

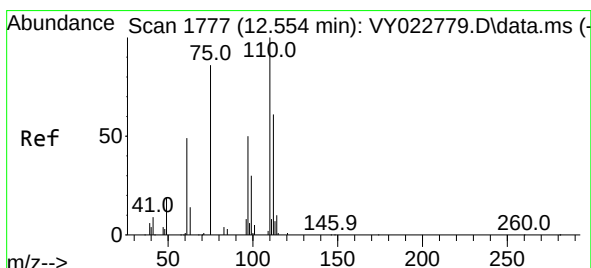
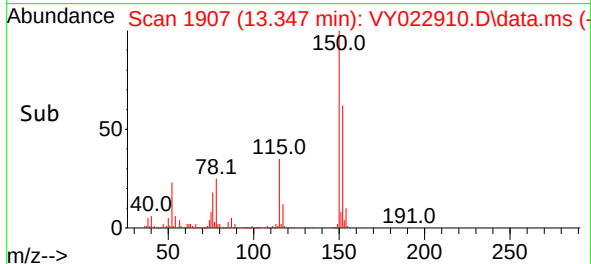
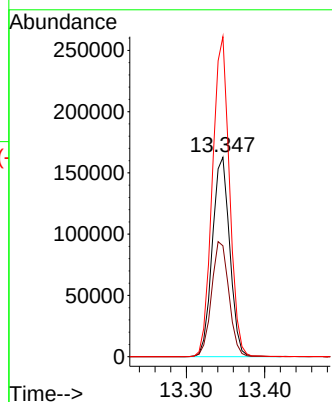
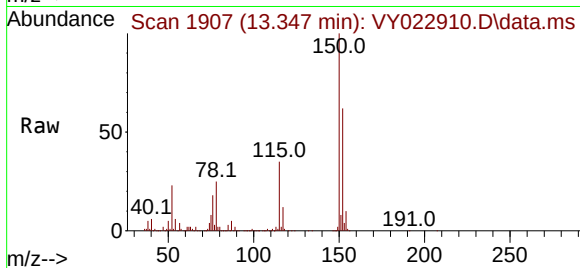




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY022910.D
 Acq: 02 Jul 2025 14:23

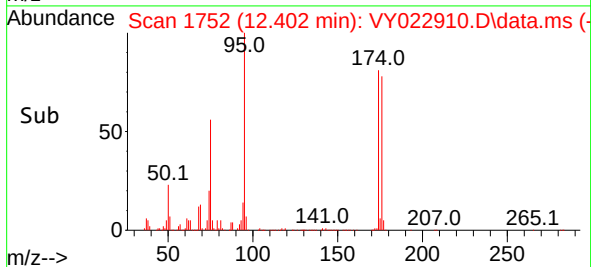
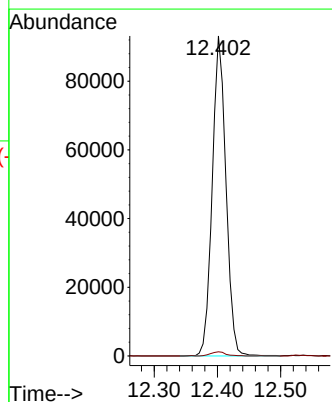
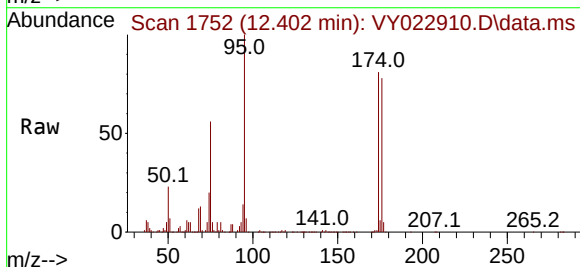
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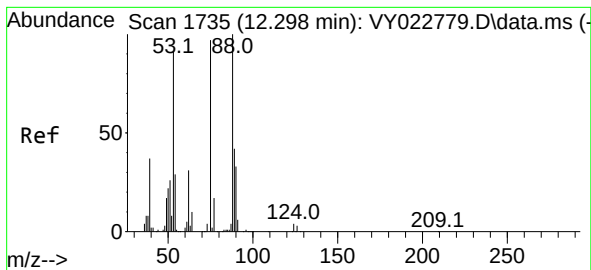
Tgt Ion:152 Resp: 250999
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.9 86.7
 150 157.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 54.705 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.152 min
 Lab File: VY022910.D
 Acq: 02 Jul 2025 14:23

Tgt Ion: 75 Resp: 140182
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.207 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY022910.D
 Acq: 02 Jul 2025 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Tgt Ion: 75 Resp: 140182
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.5 117.7#
 89 0.0 35.7 53.5#

