

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045107.D
 Acq On : 03 Mar 2025 12:16
 Operator : JC/MD
 Sample : Q1458-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-SOIL

Quant Time: Mar 04 05:21:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

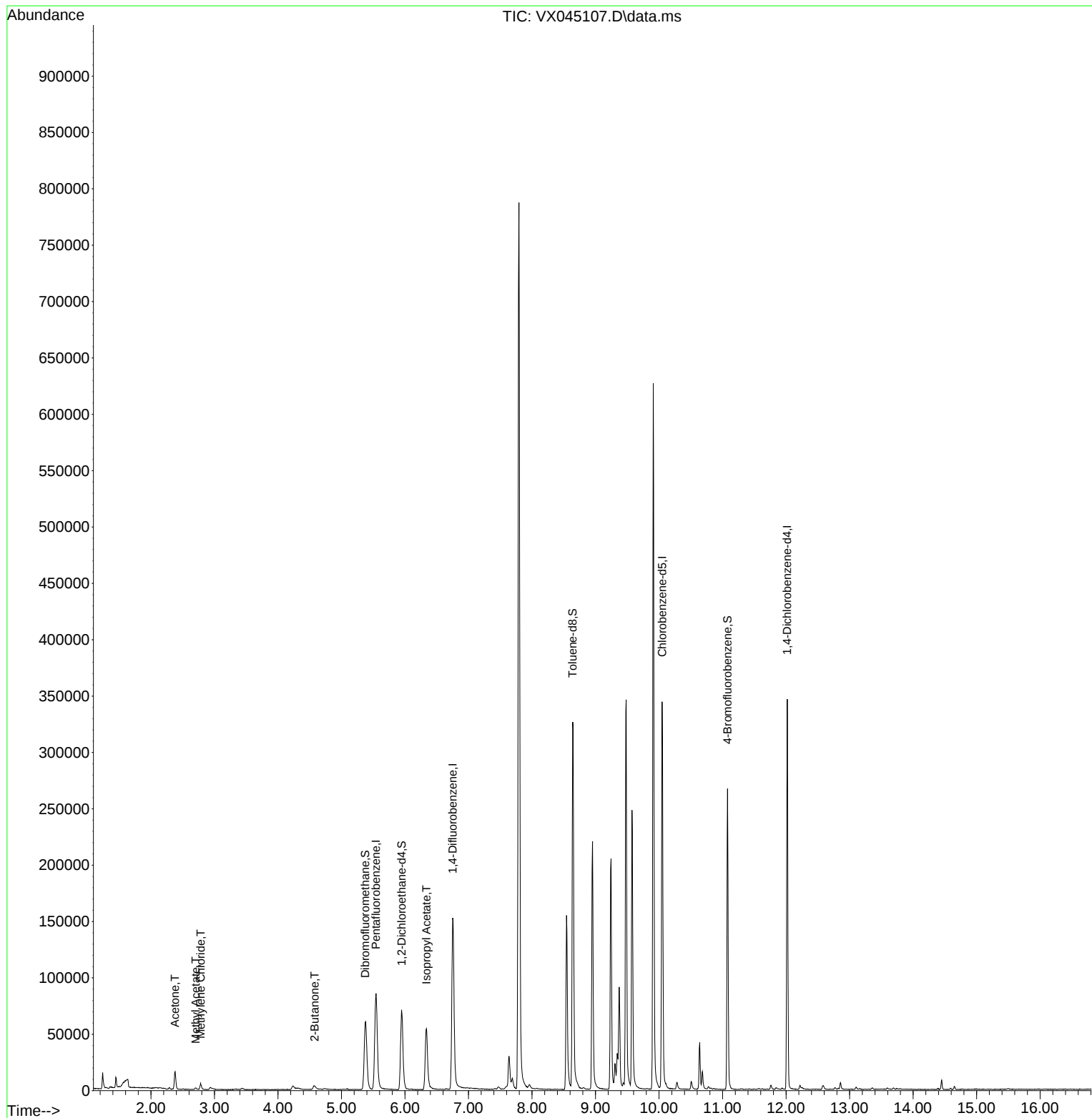
Internal Standards						
1) Pentafluorobenzene	5.544	168	81253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	149187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66417	51.389	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.780%		
35) Dibromofluoromethane	5.373	113	54220	50.299	ug/l	-0.01
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.600%		
50) Toluene-d8	8.641	98	198672	50.838	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.680%		
62) 4-Bromofluorobenzene	11.079	95	70672	54.574	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 109.140%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	17578	29.313	ug/l	96
18) Methyl Acetate	2.703	43	1865	1.293	ug/l	95
20) Methylene Chloride	2.782	84	2284	1.923	ug/l	98
25) 2-Butanone	4.574	43	7275	8.060	ug/l	93
43) Isopropyl Acetate	6.336	43	80627	28.624	ug/l	99

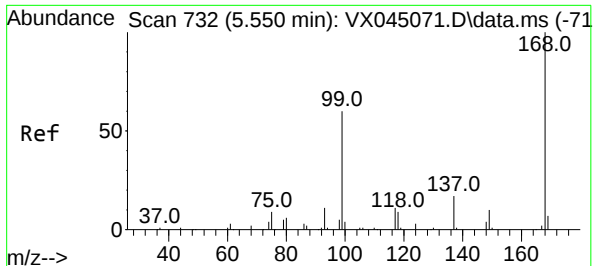
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

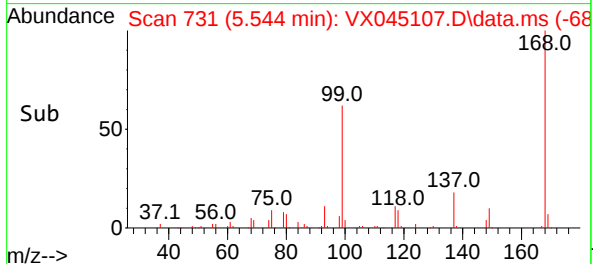
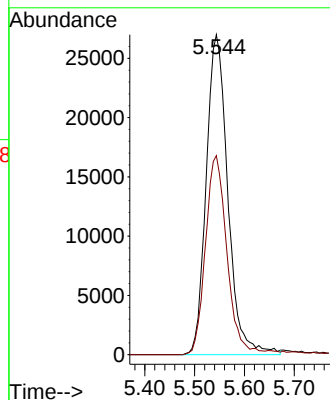
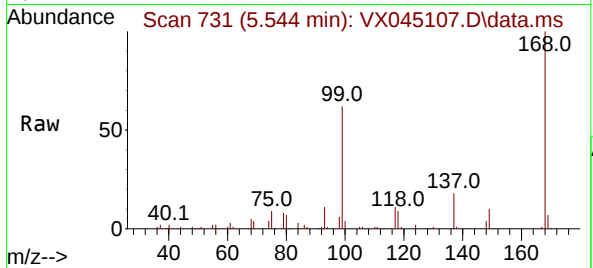




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

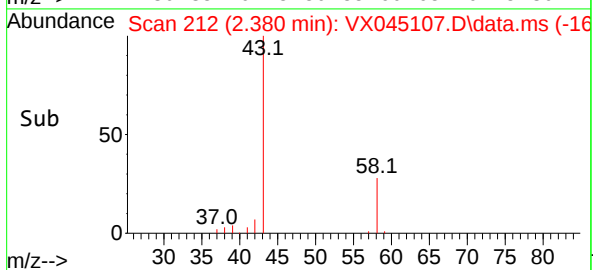
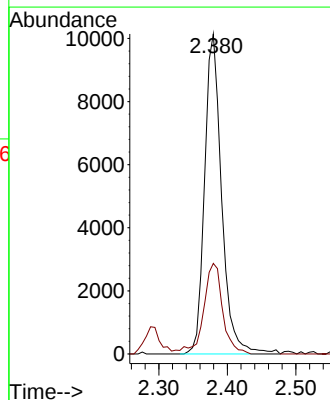
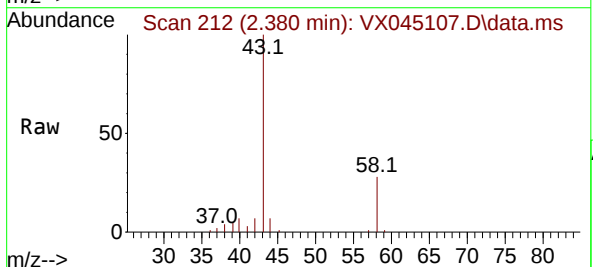
Instrument :
MSVOA_X
ClientSampleId :
SP-SOIL

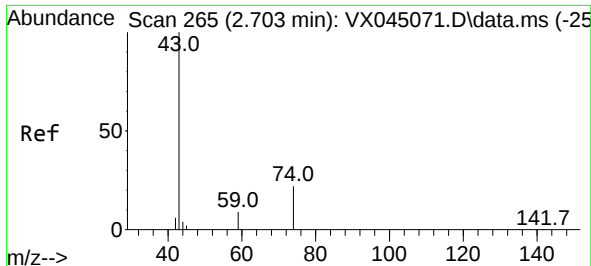
Tgt Ion:168 Resp: 81253
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#16
Acetone
Concen: 29.313 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

Tgt Ion: 43 Resp: 17578
Ion Ratio Lower Upper
43 100
58 28.3 24.2 36.4

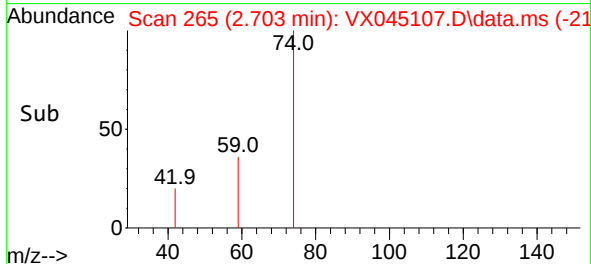
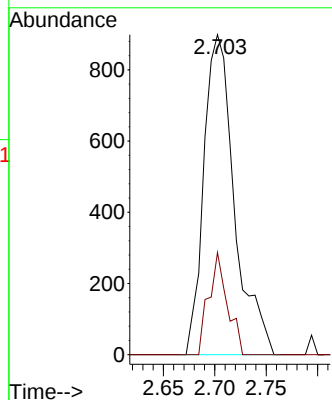
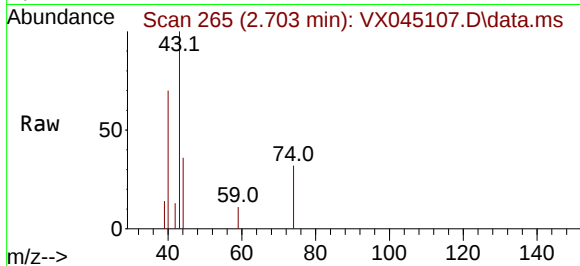




#18
Methyl Acetate
Concen: 1.293 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

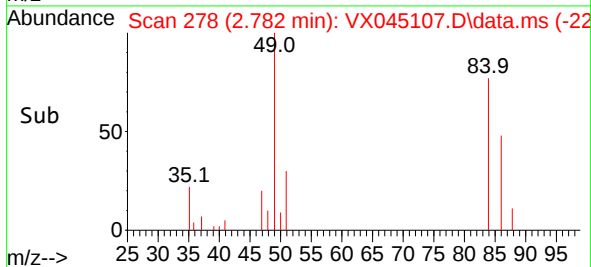
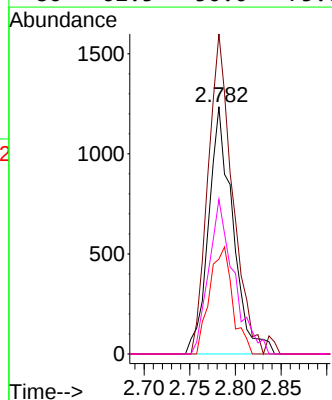
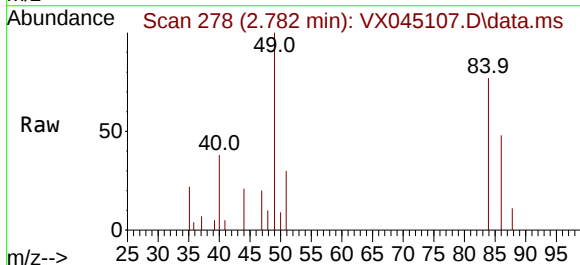
Instrument :
MSVOA_X
ClientSampleId :
SP-SOIL

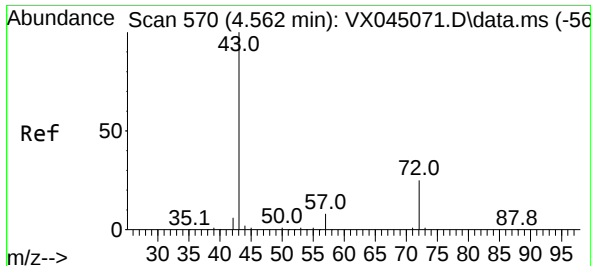
Tgt Ion: 43 Resp: 1865
Ion Ratio Lower Upper
43 100
74 19.4 17.4 26.2



#20
Methylene Chloride
Concen: 1.923 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

Tgt Ion: 84 Resp: 2284
Ion Ratio Lower Upper
84 100
49 129.5 106.5 159.7
51 38.4 32.1 48.1
86 62.5 50.0 75.0

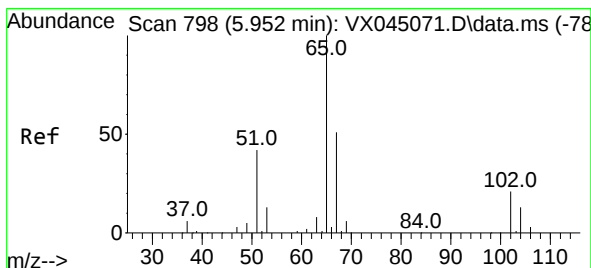
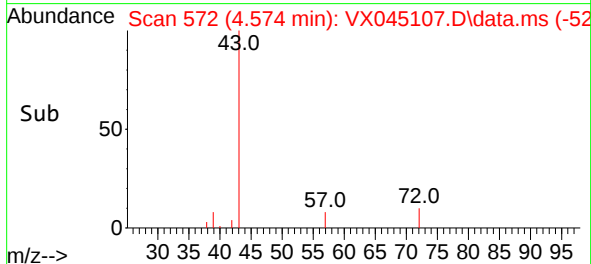
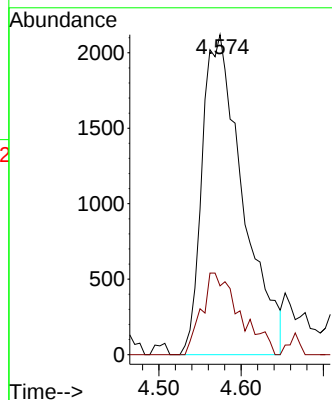
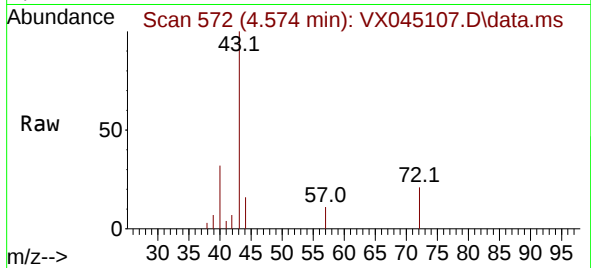




#25
2-Butanone
Concen: 8.060 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

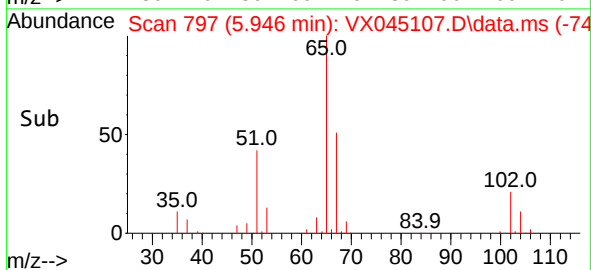
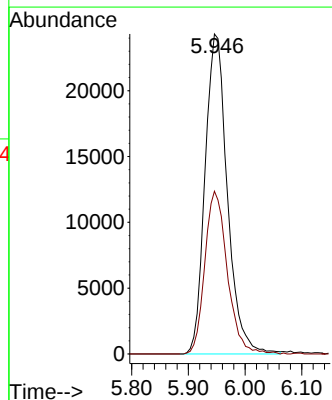
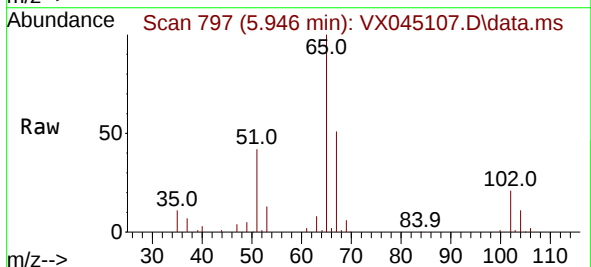
Instrument :
MSVOA_X
ClientSampleId :
SP-SOIL

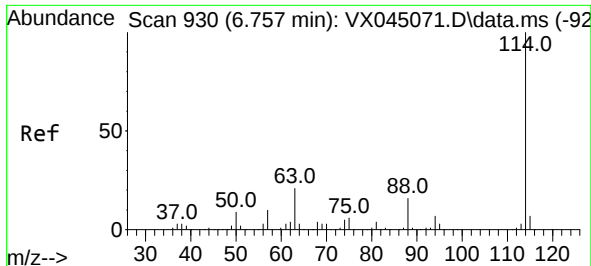
Tgt Ion: 43 Resp: 7275
Ion Ratio Lower Upper
43 100
72 21.5 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 51.389 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

Tgt Ion: 65 Resp: 66417
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

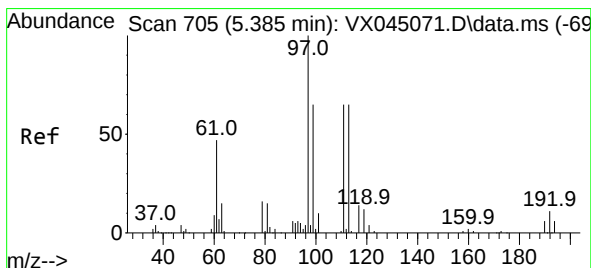
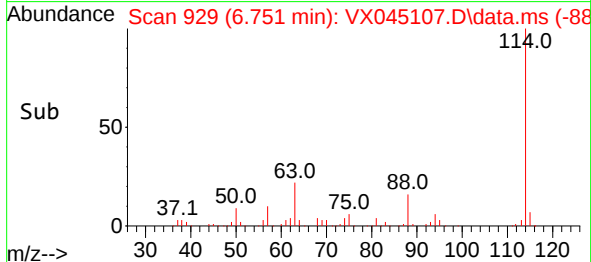
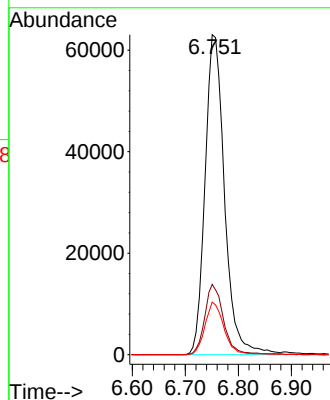
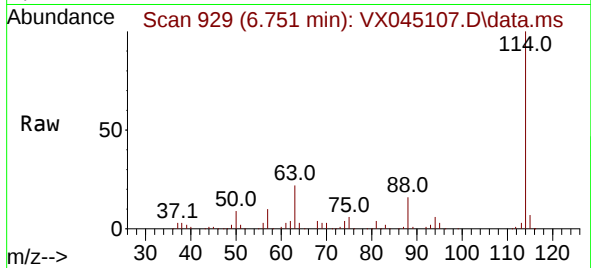




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

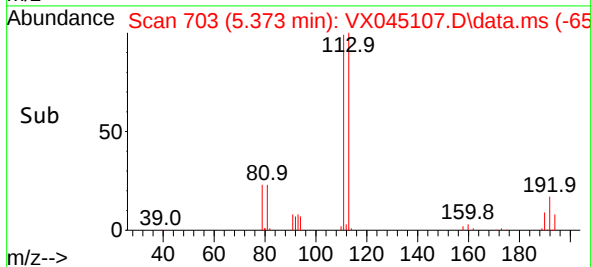
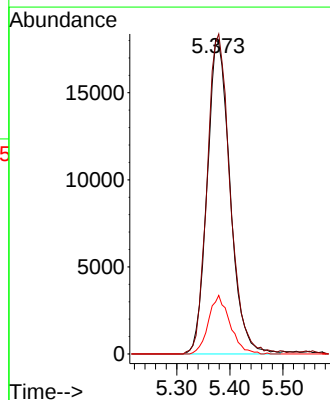
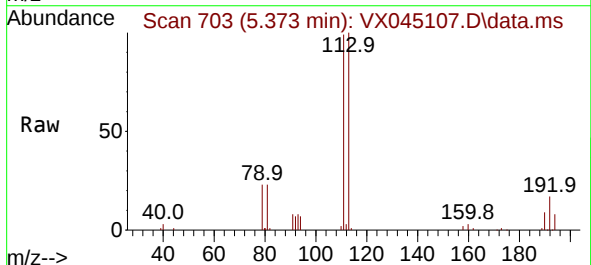
Instrument :
MSVOA_X
ClientSampleId :
SP-SOIL

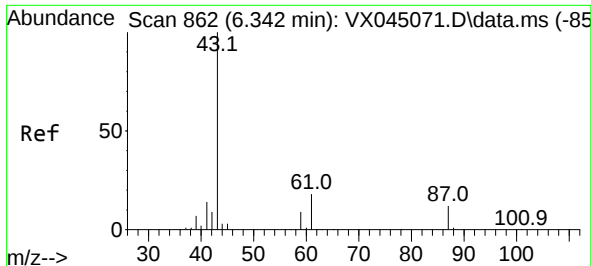
Tgt Ion:114 Resp: 161207
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.299 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

Tgt Ion:113 Resp: 54220
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.4 14.3 21.5

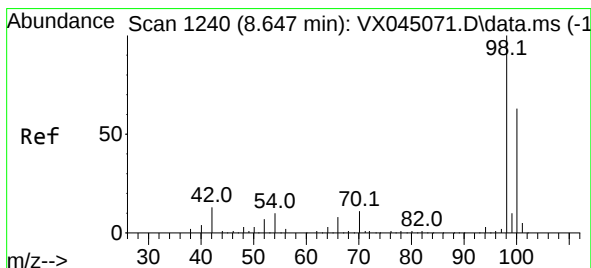
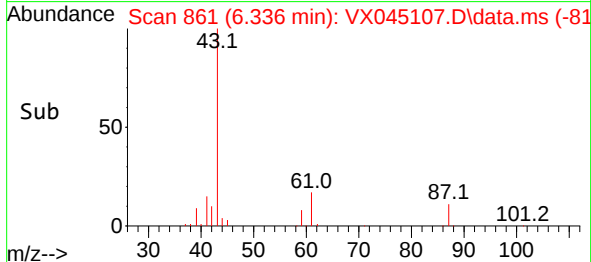
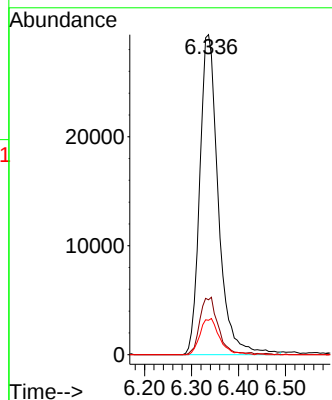
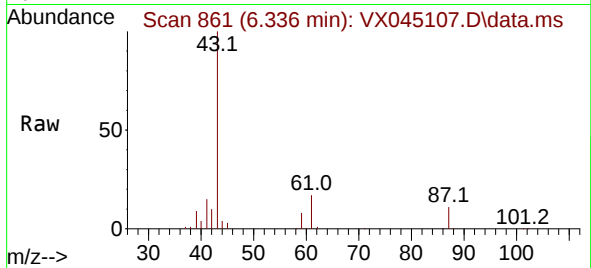




#43
Isopropyl Acetate
Concen: 28.624 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

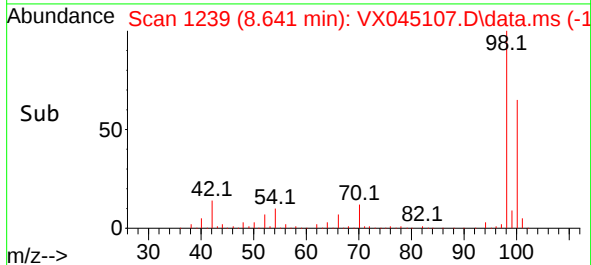
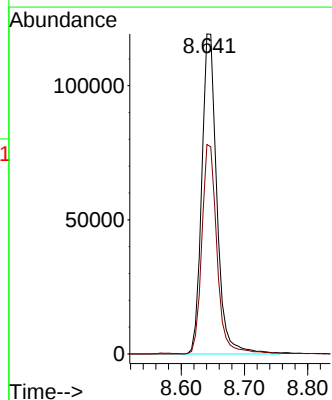
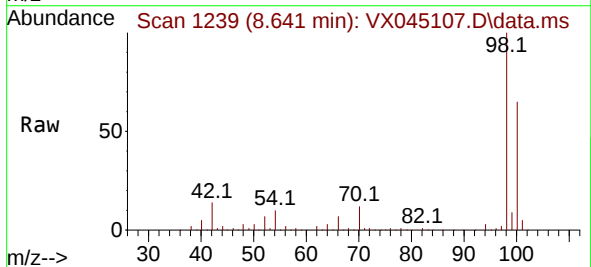
Instrument :
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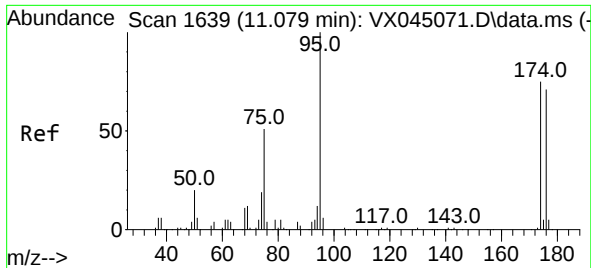
Tgt Ion: 43 Resp: 80627
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 11.8 9.4 14.2



#50
Toluene-d8
Concen: 50.838 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

Tgt Ion: 98 Resp: 198672
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

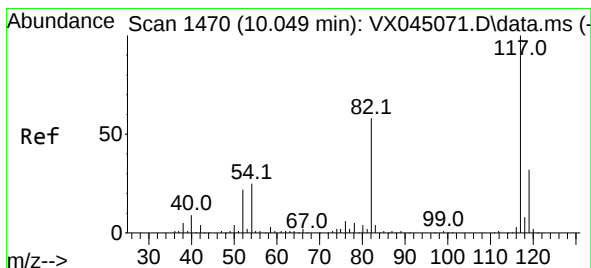
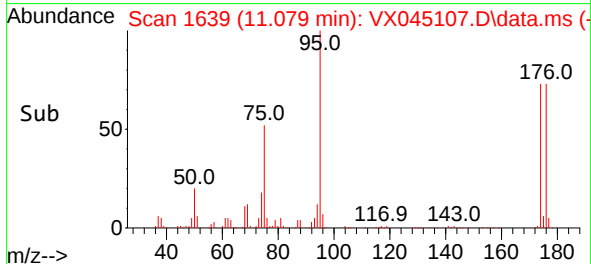
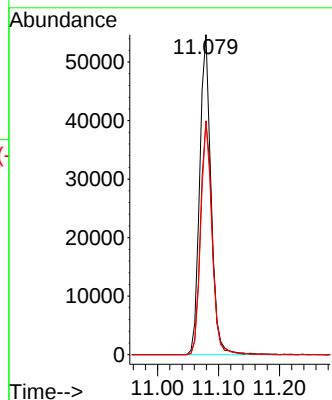
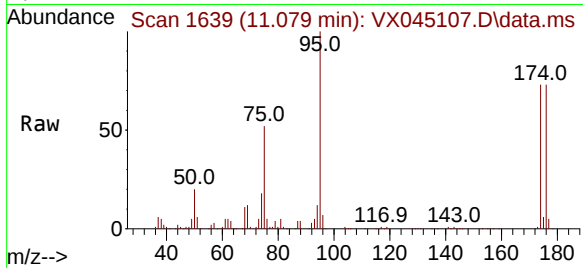




#62
4-Bromofluorobenzene
Concen: 54.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

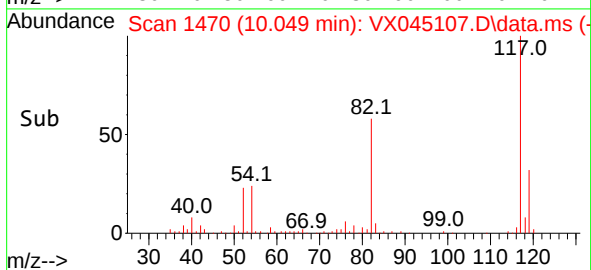
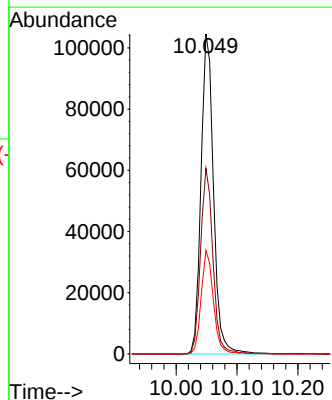
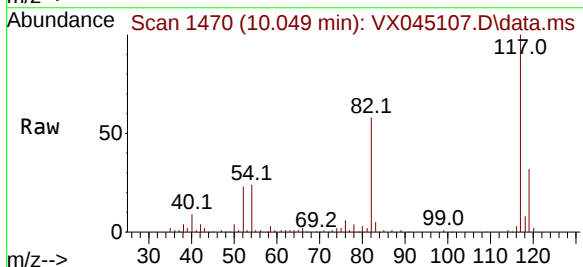
Instrument :
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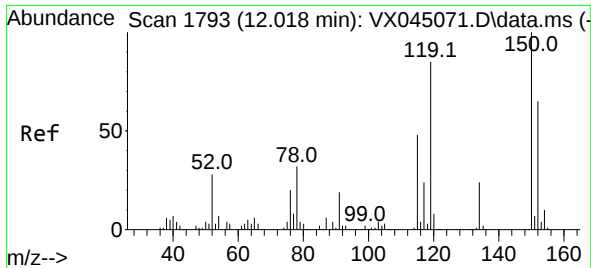
Tgt Ion: 95 Resp: 70672
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.2
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045107.D
Acq: 03 Mar 2025 12:16

Tgt Ion: 117 Resp: 149187
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045107.D
 Acq: 03 Mar 2025 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-SOIL

Tgt Ion:152 Resp: 65795
 Ion Ratio Lower Upper
 152 100
 115 61.4 44.2 132.6
 150 158.2 0.0 349.0

