

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019042.D
 Acq On : 13 Aug 2024 20:26
 Operator : SY/MD
 Sample : P3548-12
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IN-SITU-SOIL

Quant Time: Aug 14 01:42:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	67013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	113621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	100277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	42376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	31467	53.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.960%
35) Dibromofluoromethane	7.628	113	36103	49.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.103	98	133314	47.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.408	95	35146	42.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%

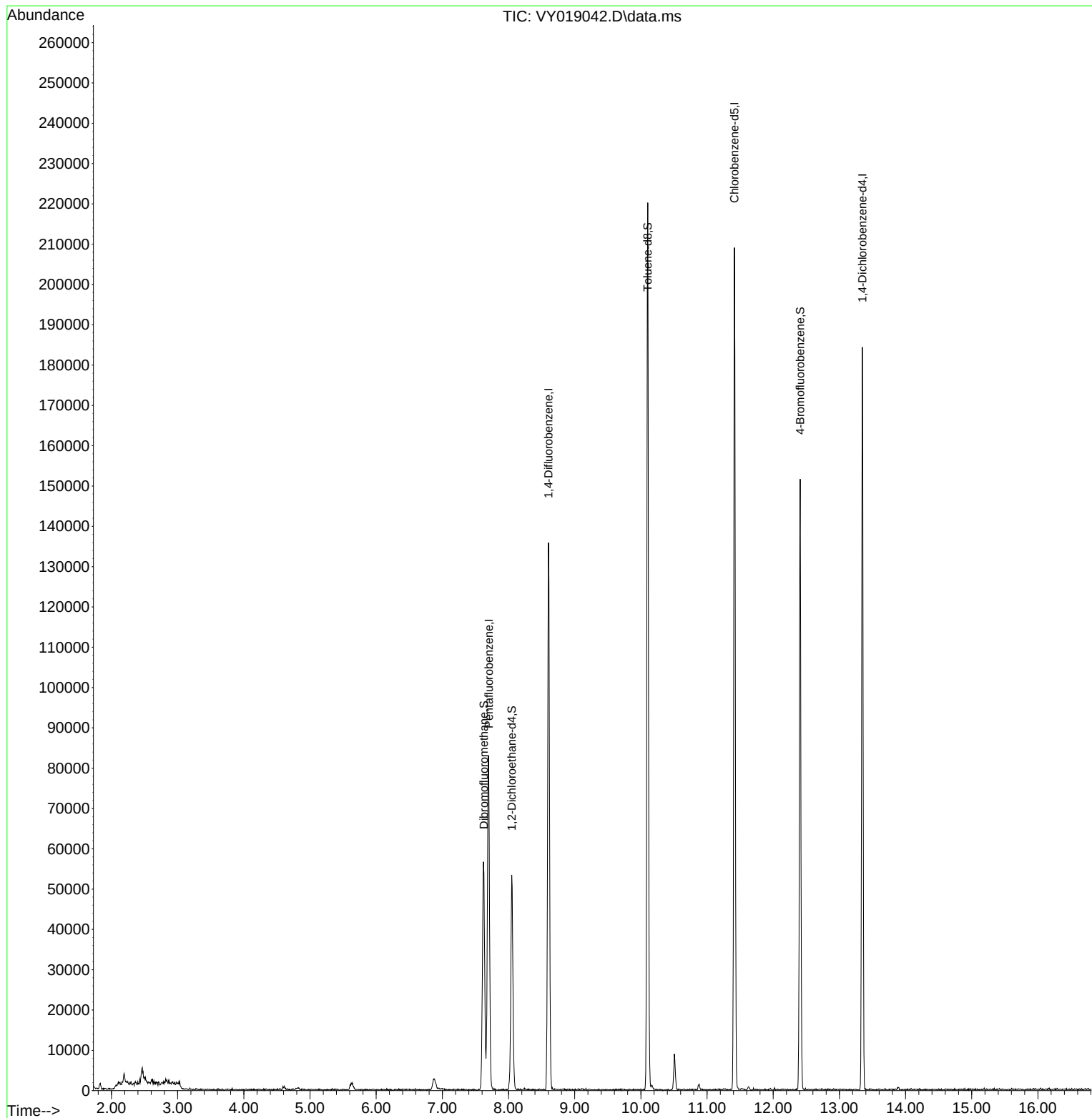
Target Compounds	Qvalue

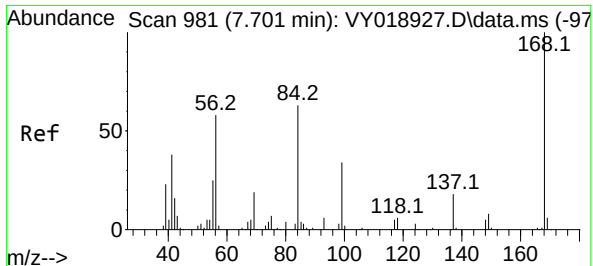
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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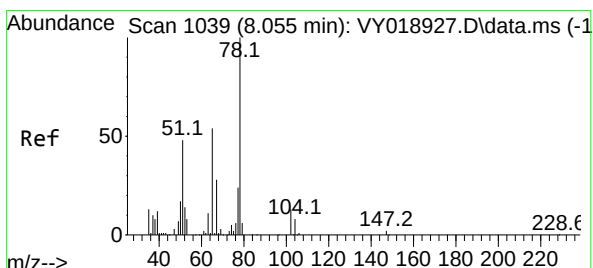
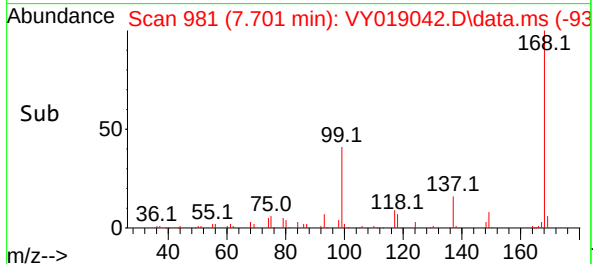
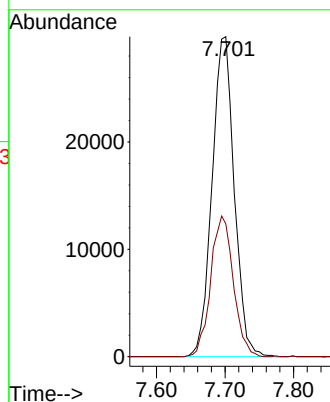
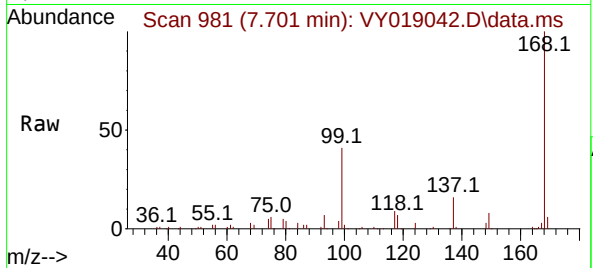




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

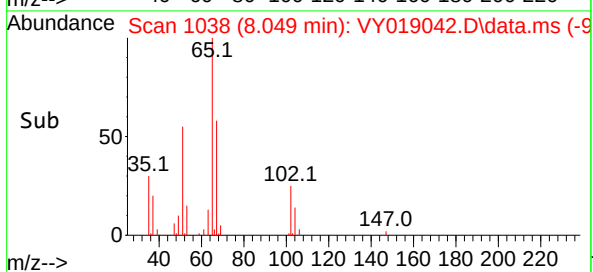
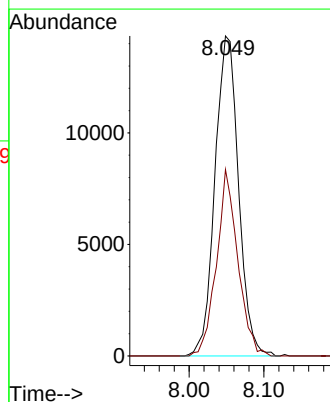
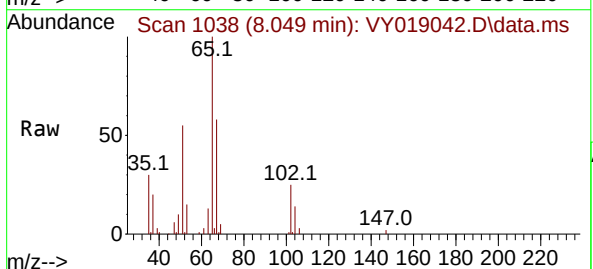
Instrument :
MSVOA_Y
ClientSampleId :
IN-SITU-SOIL

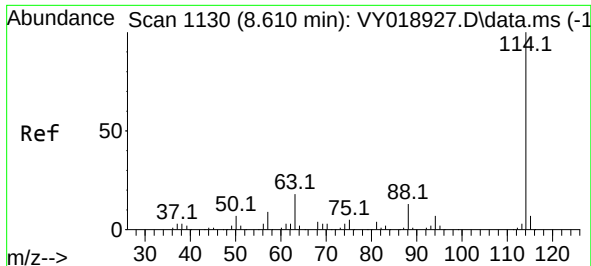
Tgt Ion:168 Resp: 67013
Ion Ratio Lower Upper
168 100
99 41.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.482 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

Tgt Ion: 65 Resp: 31467
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

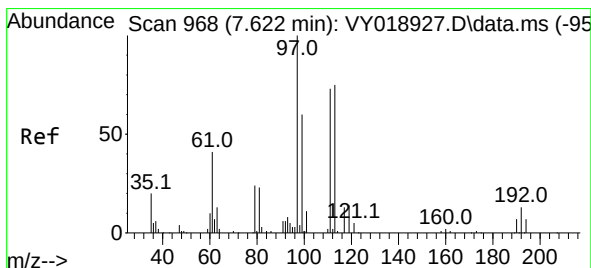
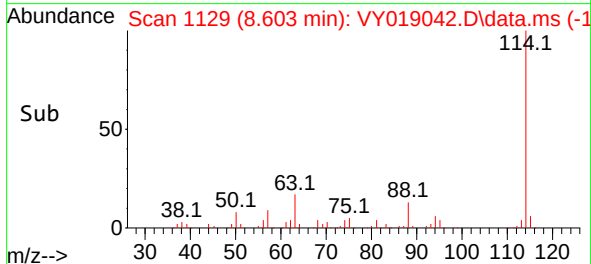
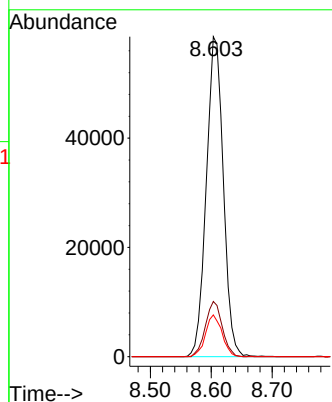
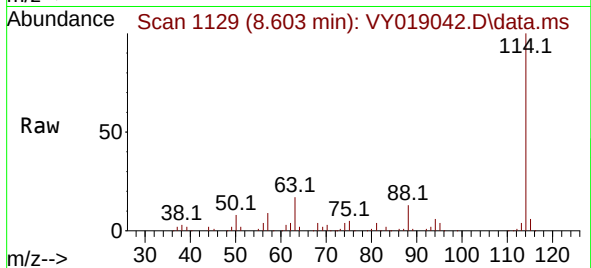




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

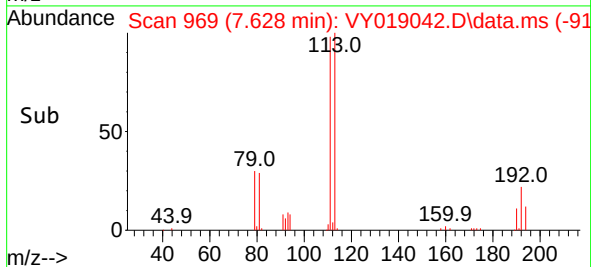
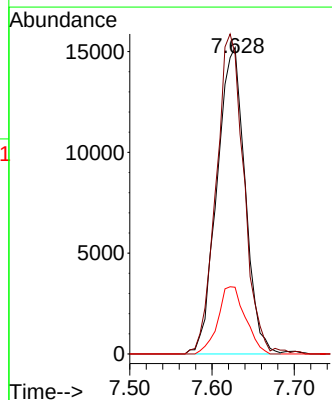
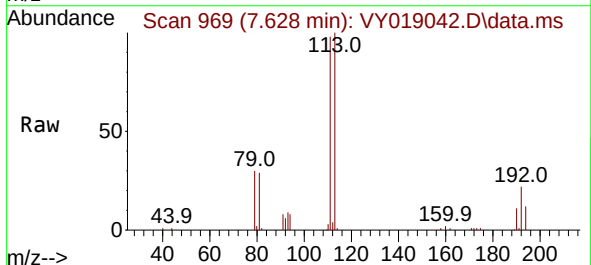
Instrument :
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ClientSampleId :
IN-SITU-SOIL

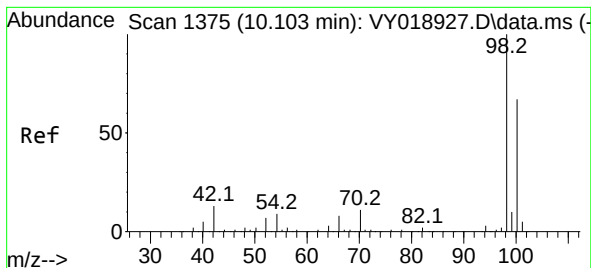
Tgt Ion:114 Resp: 113621
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.750 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

Tgt Ion:113 Resp: 36103
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 21.4 15.9 23.9

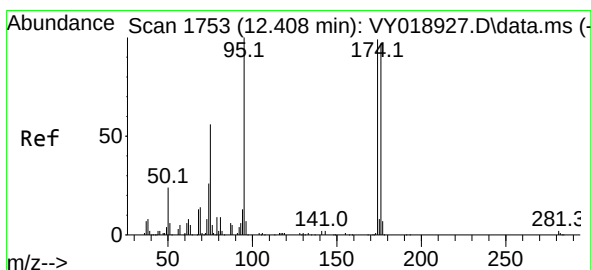
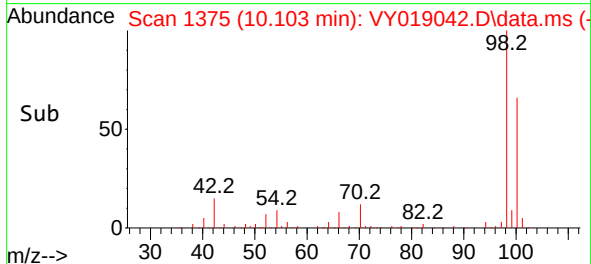
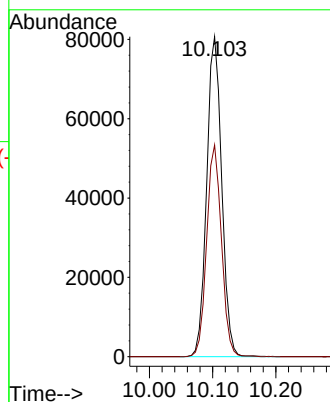
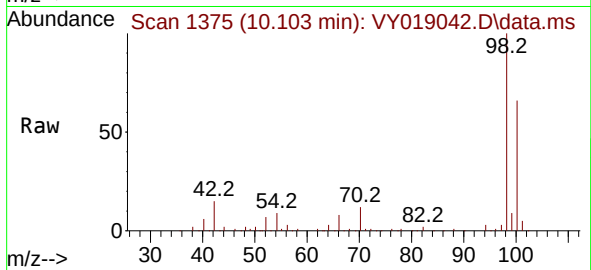




#50
Toluene-d8
Concen: 47.828 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

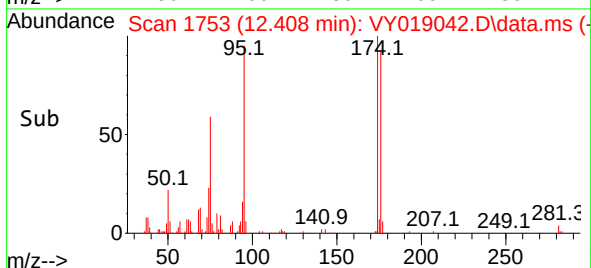
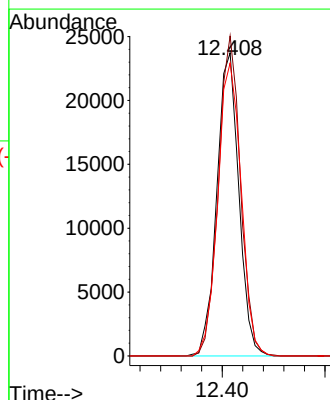
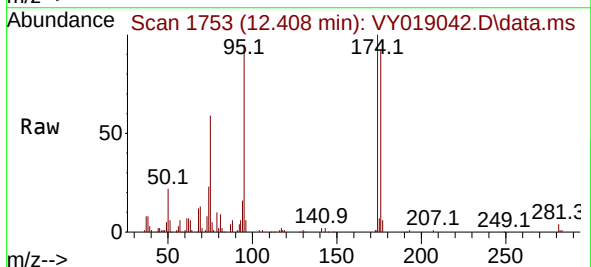
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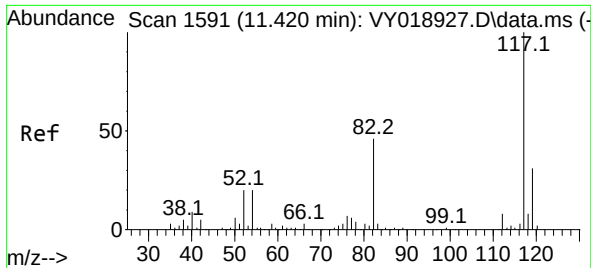
Tgt Ion: 98 Resp: 133314
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.500 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

Tgt Ion: 95 Resp: 35146
Ion Ratio Lower Upper
95 100
174 106.3 0.0 175.6
176 103.1 0.0 171.4

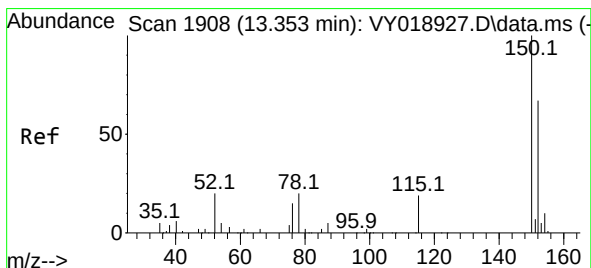
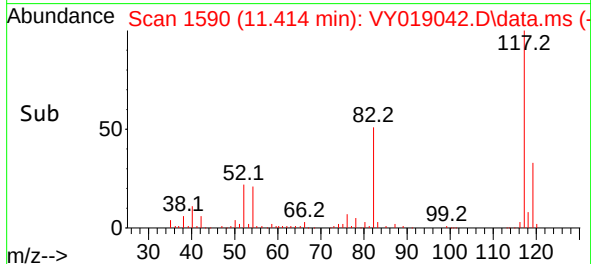
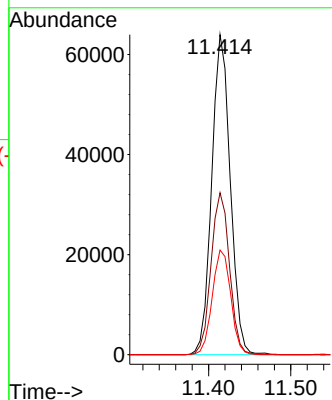
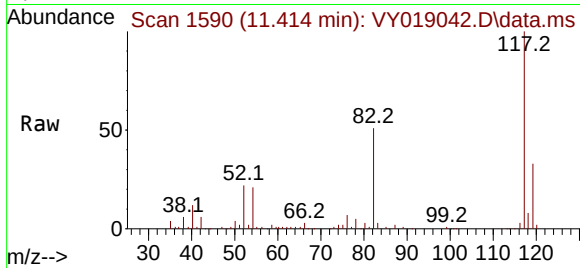




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

Instrument :
MSVOA_Y
ClientSampleId :
IN-SITU-SOIL

Tgt Ion:117 Resp: 100277
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019042.D
Acq: 13 Aug 2024 20:26

Tgt Ion:152 Resp: 42376
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 156.0 0.0 345.6

