

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017771.D
 Acq On : 26 Mar 2024 15:47
 Operator : SY/MD
 Sample : P1869-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Quant Time: Mar 27 01:31:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	146850	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	262374	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	228787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73359	57.342	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.680%
35) Dibromofluoromethane	7.728	113	83497	53.238	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.191	98	299290	49.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.489	95	80572	44.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.400%

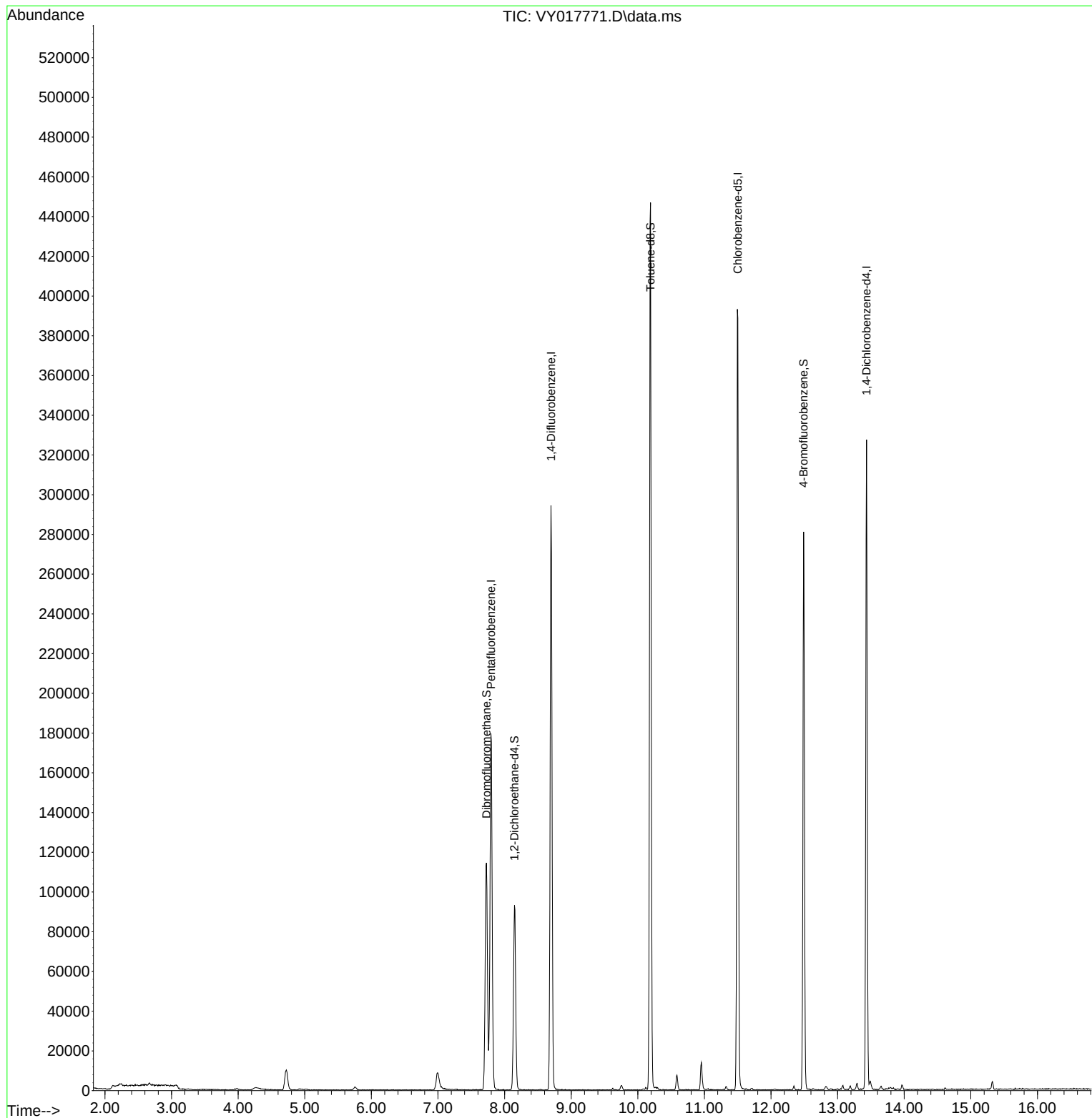
Target Compounds	Qvalue

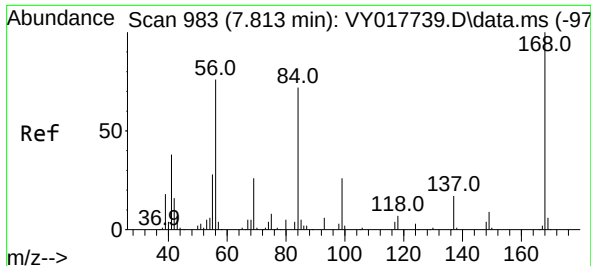
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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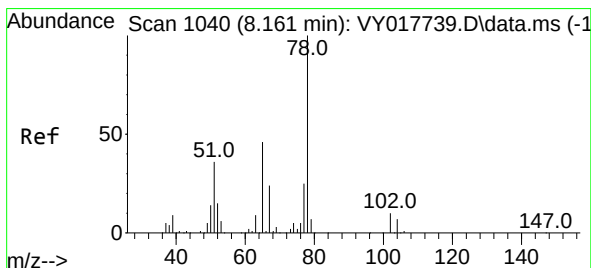
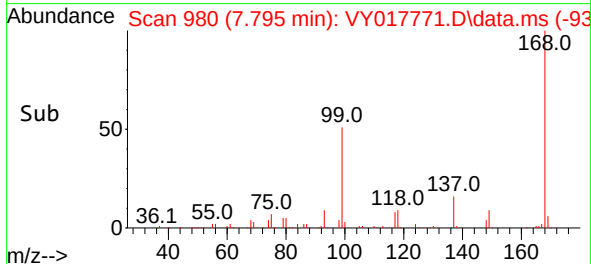
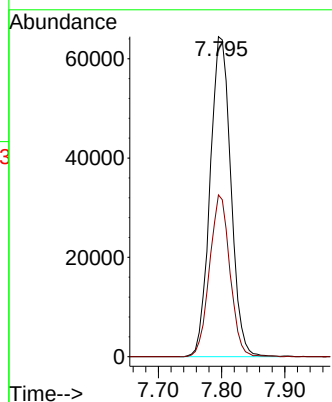
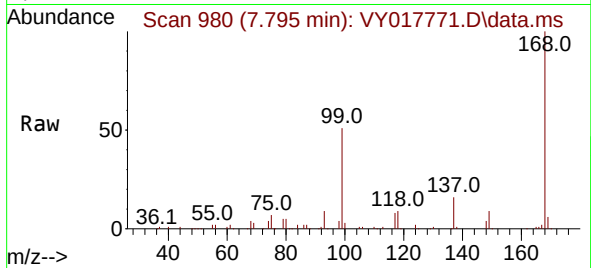




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017771.D
Acq: 26 Mar 2024 15:47

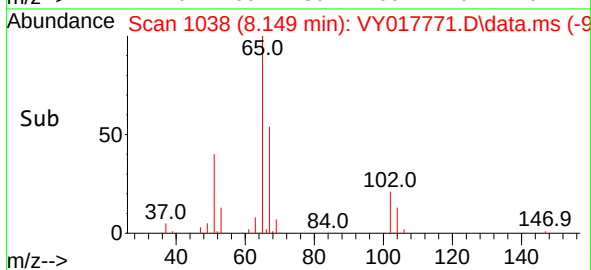
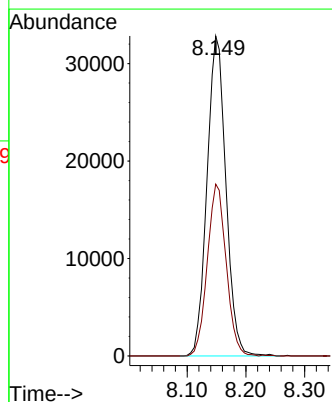
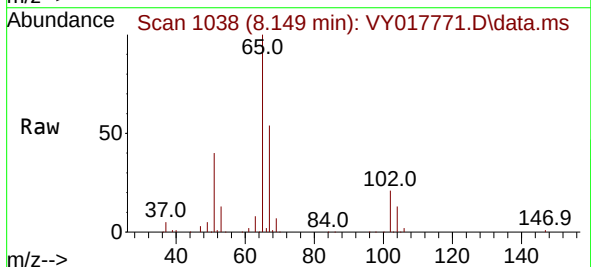
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

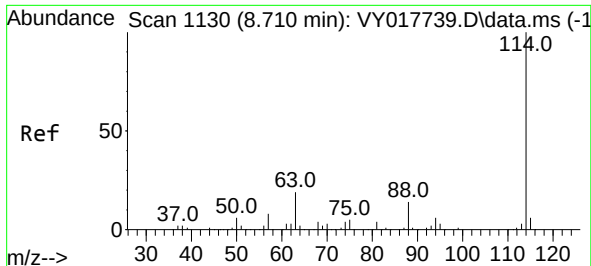
Tgt Ion:168 Resp: 146850
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.342 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY017771.D
Acq: 26 Mar 2024 15:47

Tgt Ion: 65 Resp: 73359
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6

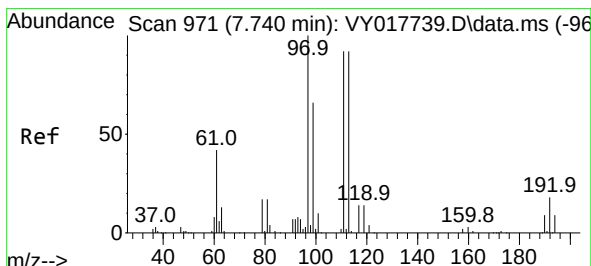
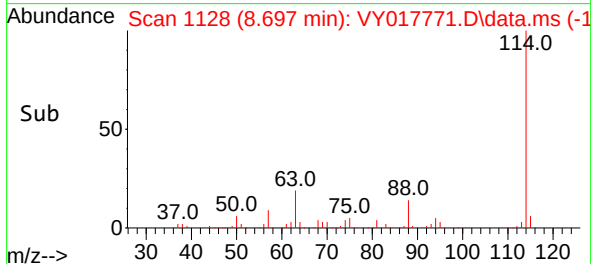
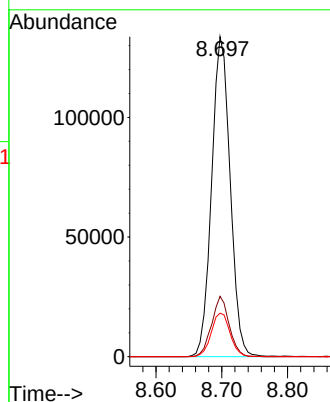
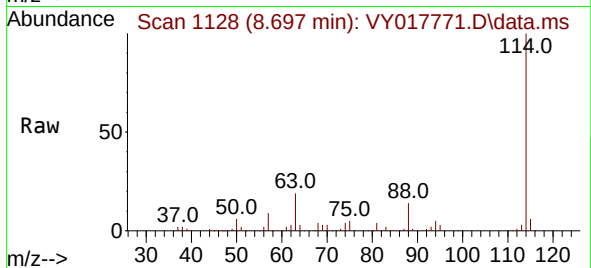




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1130
Delta R.T. -0.012 min
Lab File: VY017771.D
Acq: 26 Mar 2024 15:47

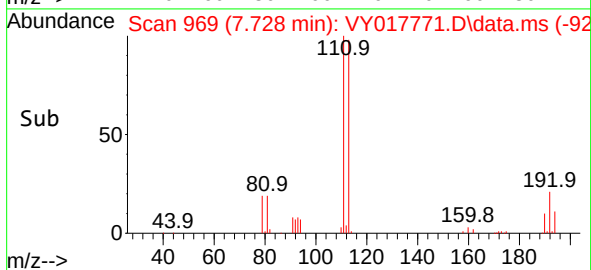
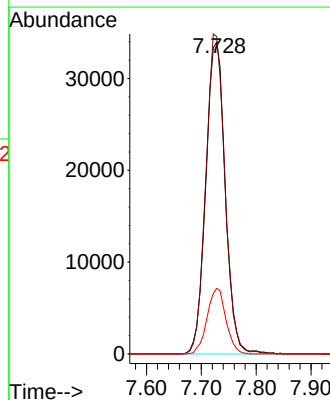
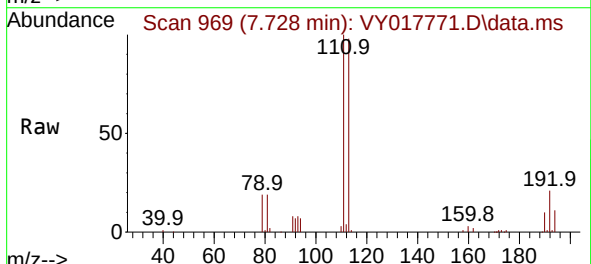
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

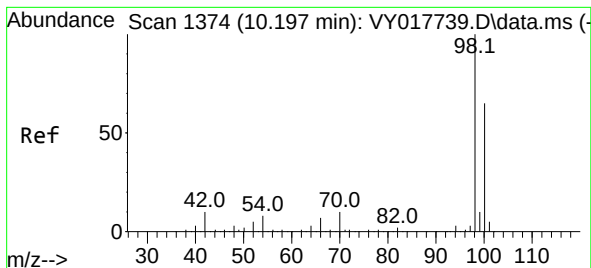
Tgt Ion:114 Resp: 262374
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.238 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY017771.D
Acq: 26 Mar 2024 15:47

Tgt Ion:113 Resp: 83497
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 49.861 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017771.D

Acq: 26 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

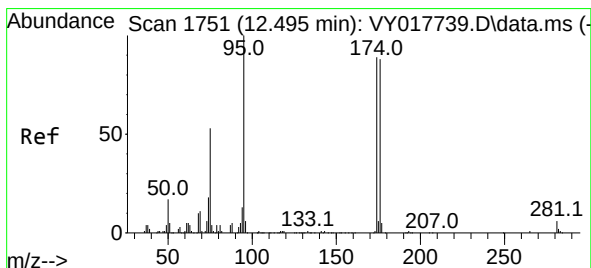
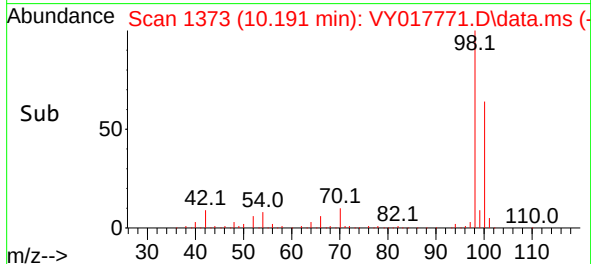
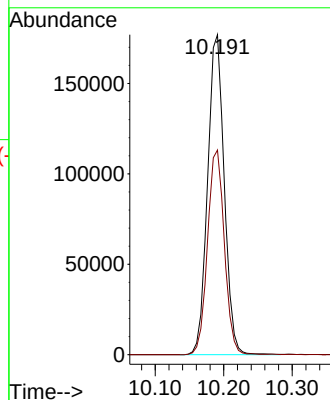
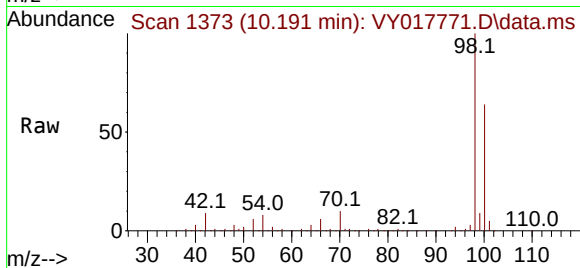
SOIL-2

Tgt Ion: 98 Resp: 299290

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.702 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017771.D

Acq: 26 Mar 2024 15:47

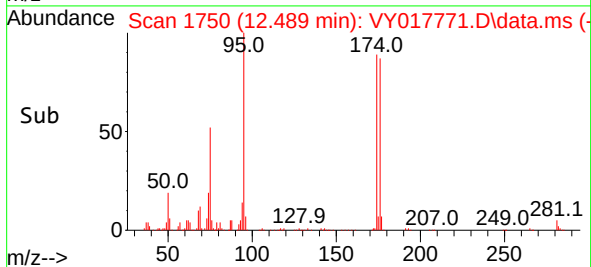
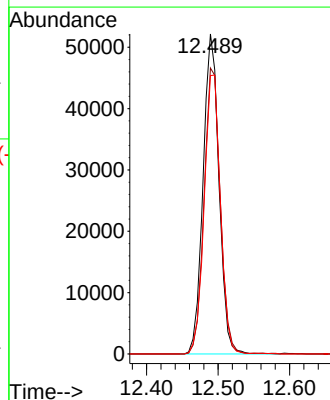
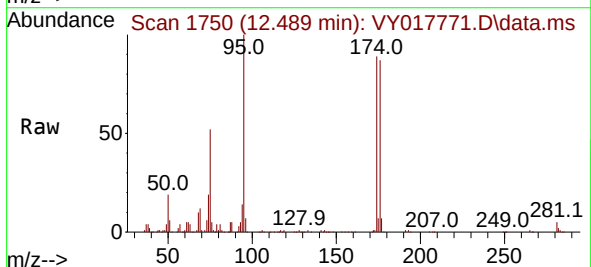
Tgt Ion: 95 Resp: 80572

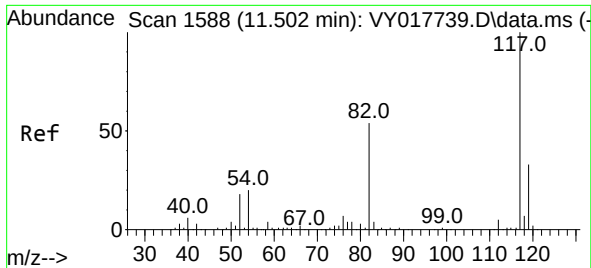
Ion Ratio Lower Upper

95 100

174 90.9 0.0 175.6

176 88.9 0.0 171.4

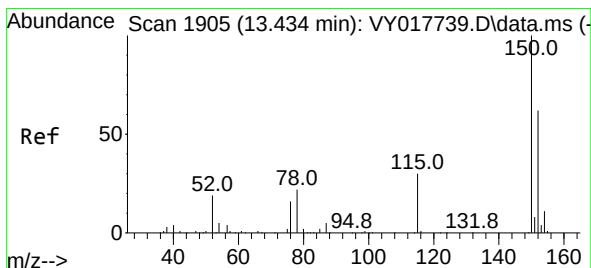
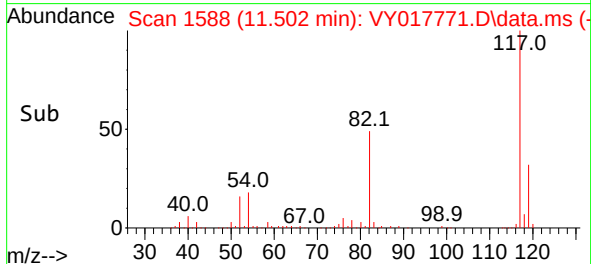
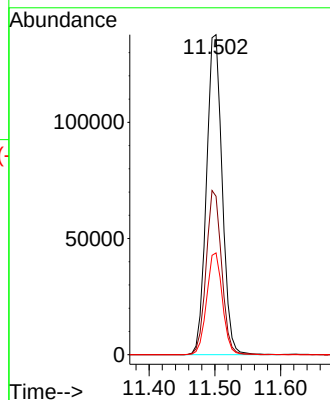
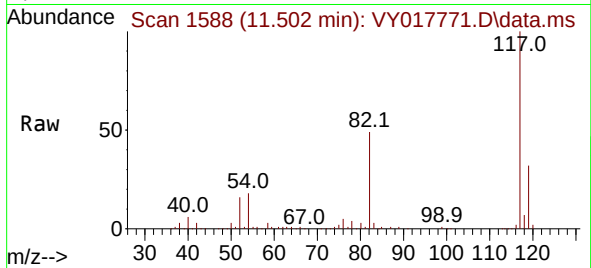




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017771.D
Acq: 26 Mar 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

Tgt Ion:117 Resp: 228787
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017771.D
Acq: 26 Mar 2024 15:47

Tgt Ion:152 Resp: 85506
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.3 0.0 345.6

