

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017770.D
 Acq On : 26 Mar 2024 15:23
 Operator : SY/MD
 Sample : P1869-10
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-4

Quant Time: Mar 27 01:31:05 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	128103	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	234042	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.501	117	213462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	68992	61.820	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.640%
35) Dibromofluoromethane	7.728	113	77442	55.355	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.720%
50) Toluene-d8	10.191	98	272831	50.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.489	95	76679	47.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.380%

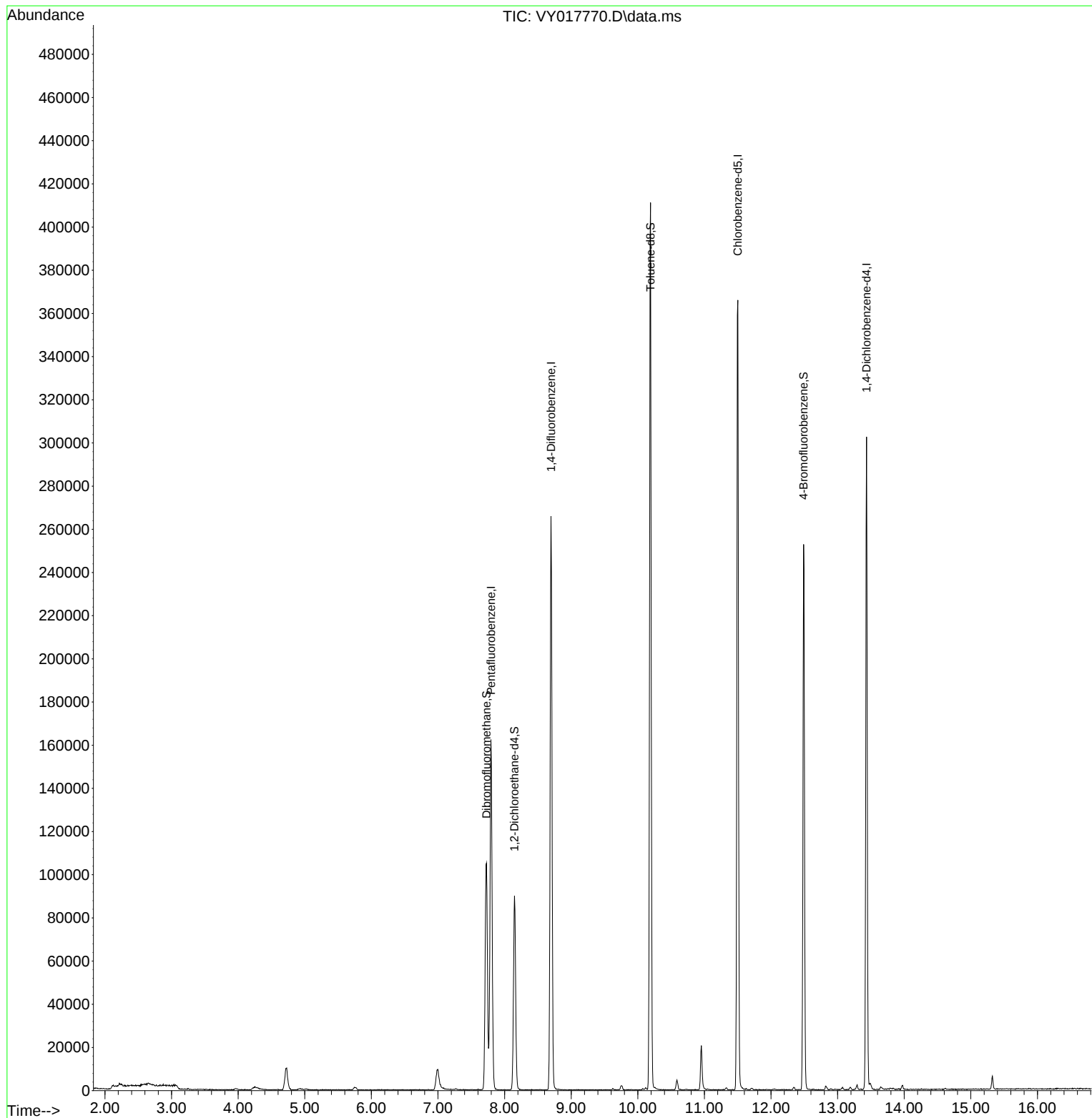
Target Compounds	Qvalue

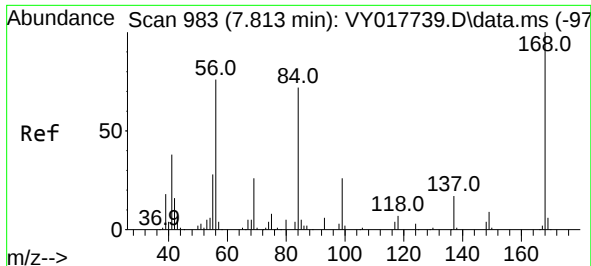
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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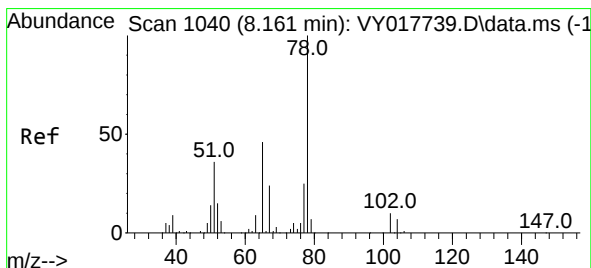
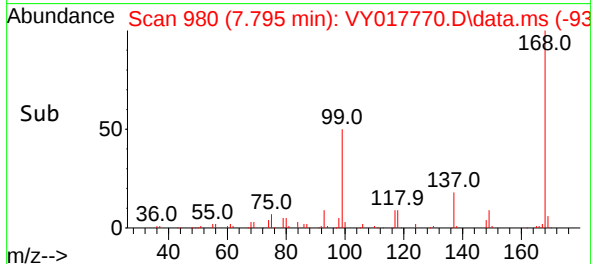
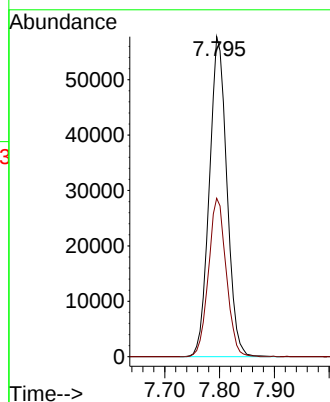
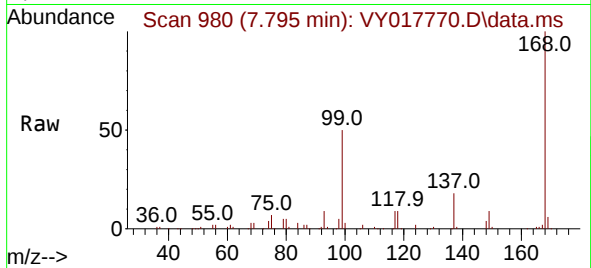




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

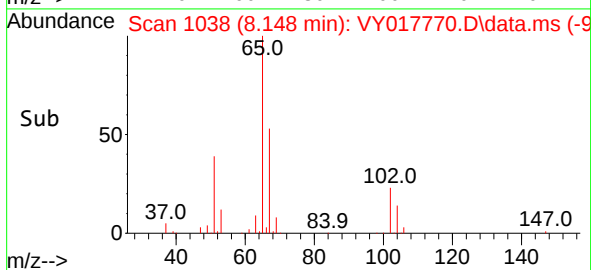
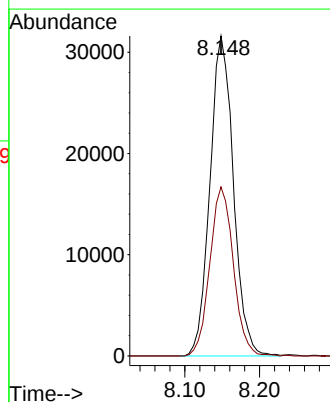
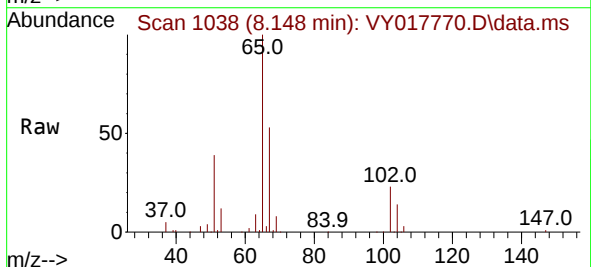
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

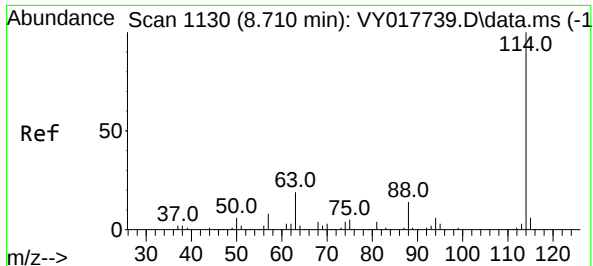
Tgt Ion:168 Resp: 128103
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.820 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.013 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 65 Resp: 68992
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1130

Delta R.T. -0.013 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-4

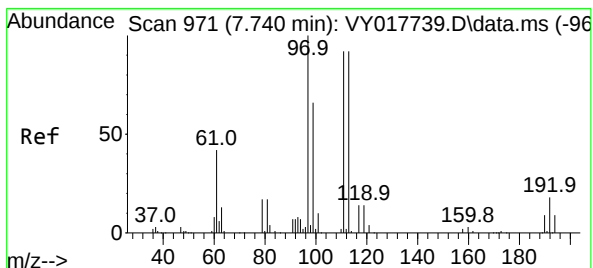
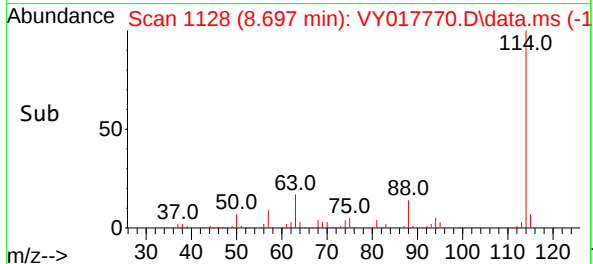
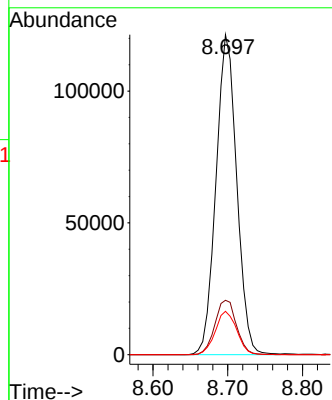
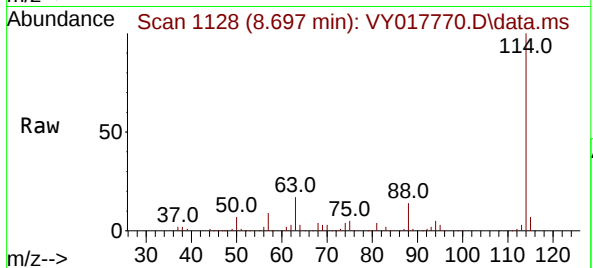
Tgt Ion:114 Resp: 234042

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.355 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.013 min

Lab File: VY017770.D

Acq: 26 Mar 2024 15:23

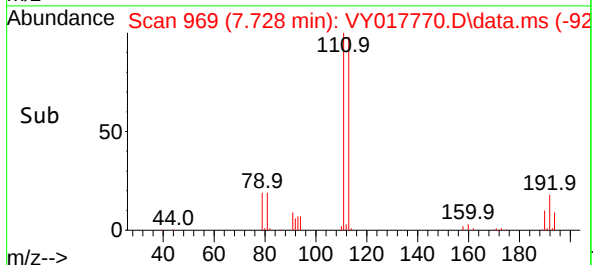
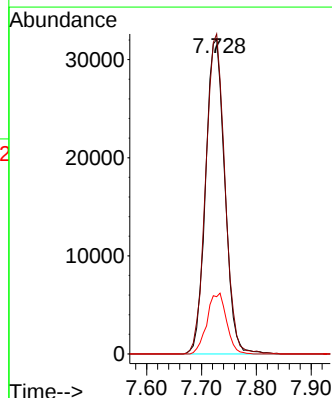
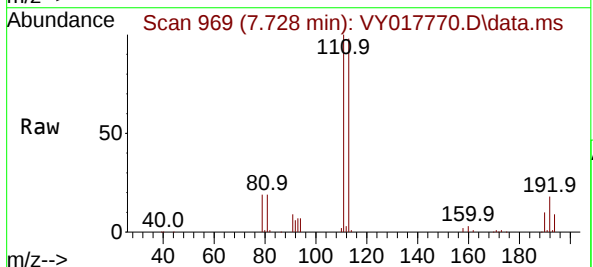
Tgt Ion:113 Resp: 77442

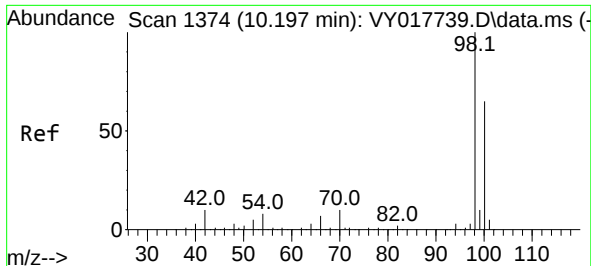
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 19.7 15.9 23.9

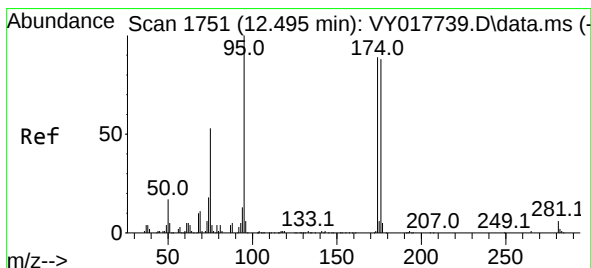
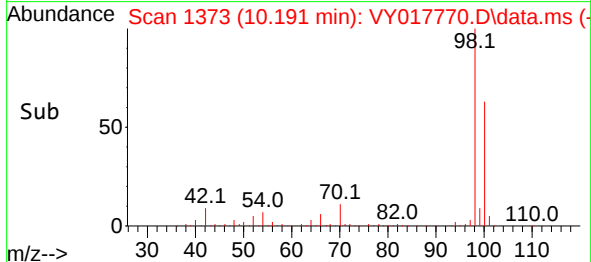
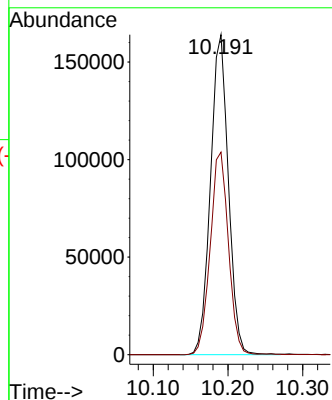
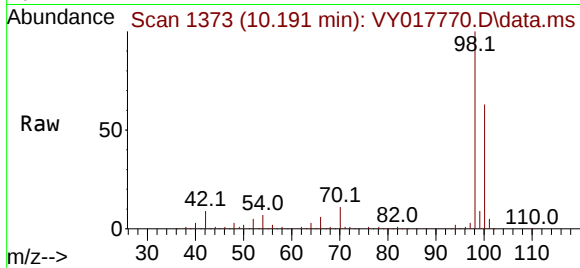




#50
Toluene-d8
Concen: 50.955 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

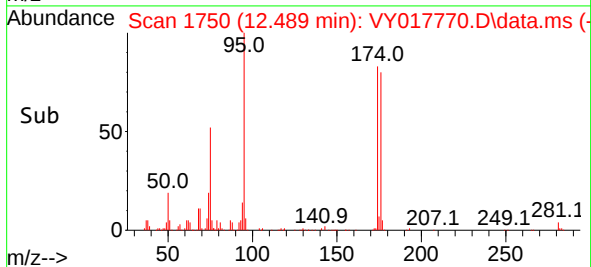
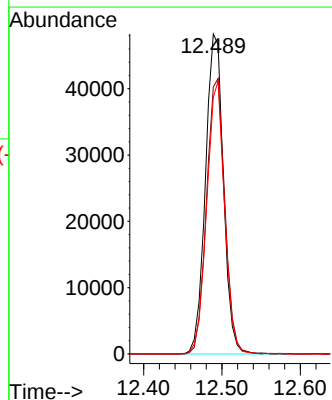
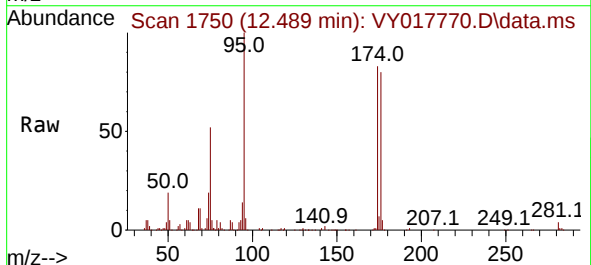
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

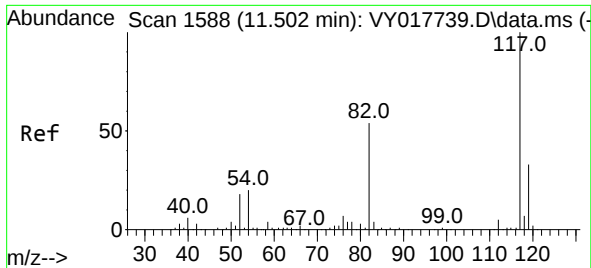
Tgt Ion: 98 Resp: 272831
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.692 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.007 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion: 95 Resp: 76679
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 84.4 0.0 171.4

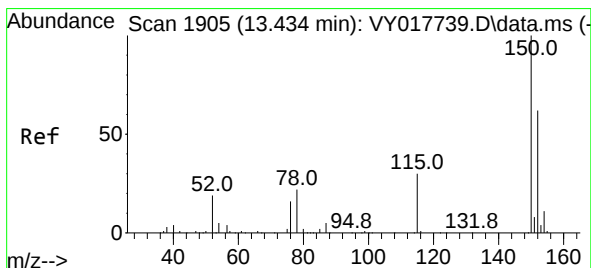
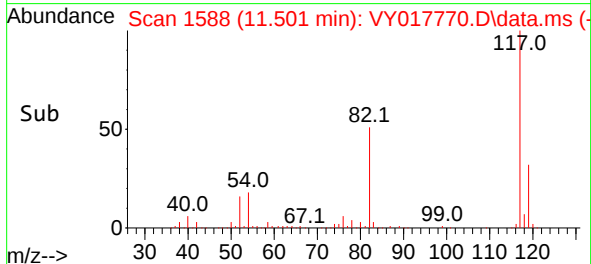
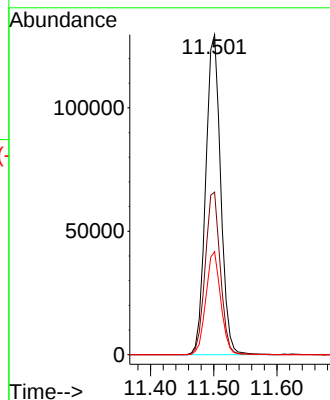
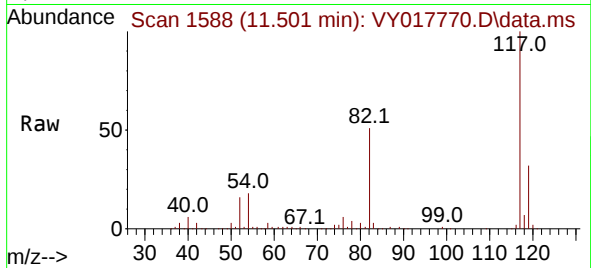




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017770.D
Acq: 26 Mar 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-4

Tgt Ion:117 Resp: 213462
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.2 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: VY017770.D
Acq: 26 Mar 2024 15:23

Tgt Ion:152 Resp: 78172
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 160.6 0.0 345.6

