

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017773.D
 Acq On : 26 Mar 2024 16:34
 Operator : SY/MD
 Sample : P1869-13
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-5

Quant Time: Mar 27 01:32:11 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	124827	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	230150	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	208494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72495	66.664	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.320%
35) Dibromofluoromethane	7.722	113	76722	55.768	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.540%
50) Toluene-d8	10.185	98	265779	50.478	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.489	95	76256	48.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.460%

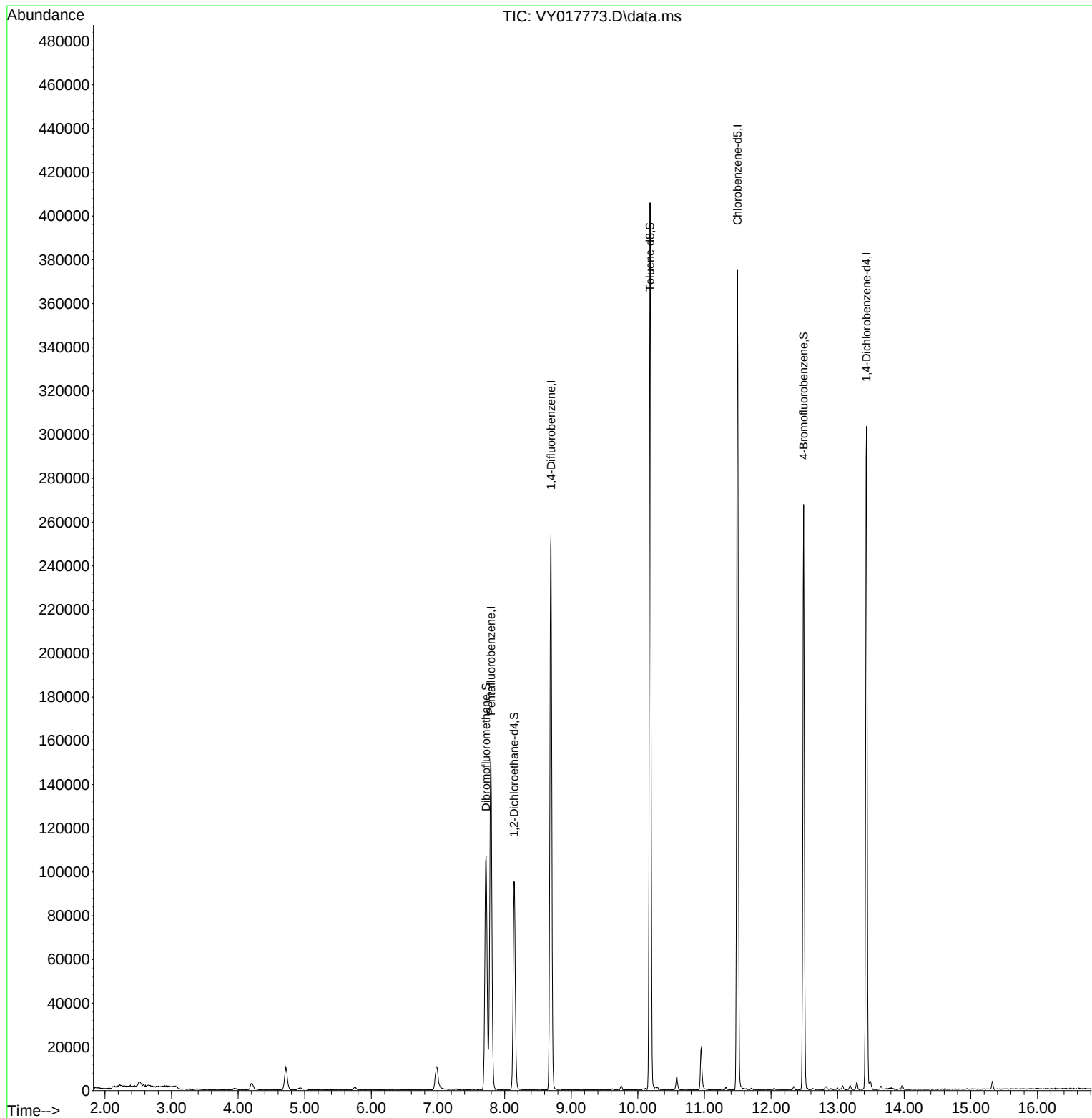
Target Compounds	Qvalue

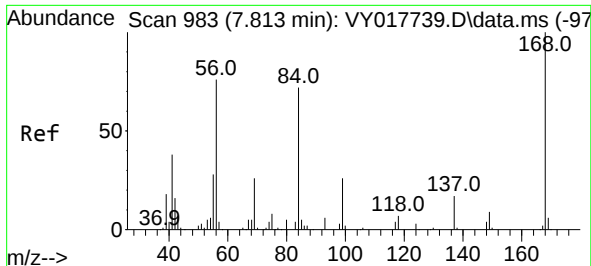
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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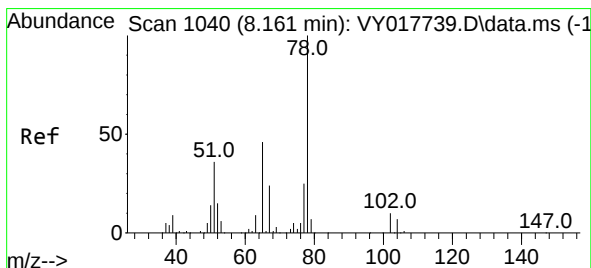
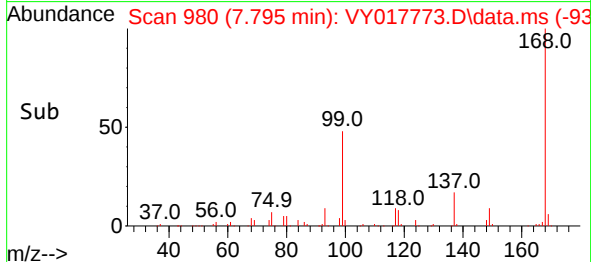
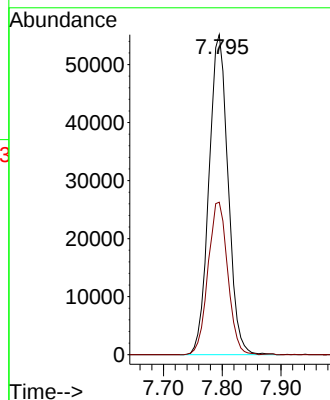
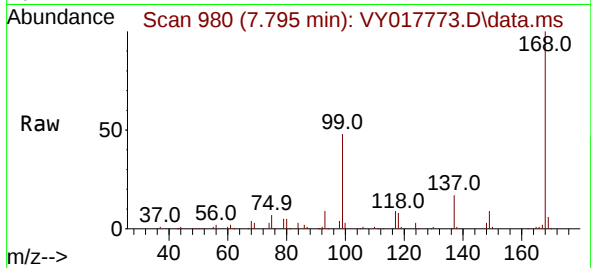




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

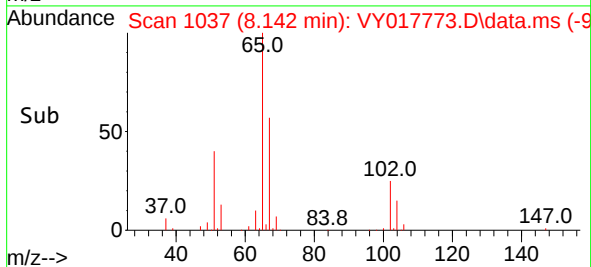
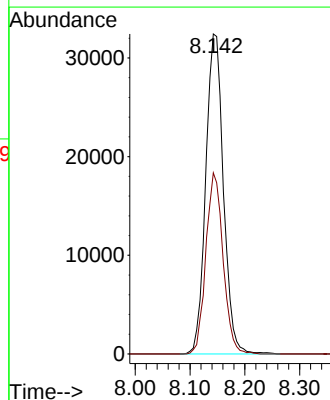
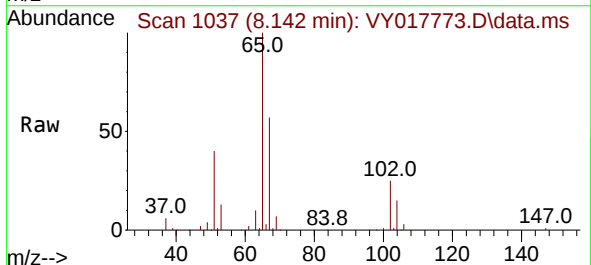
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

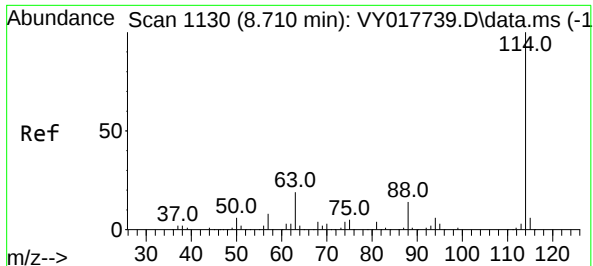
Tgt Ion:168 Resp: 124827
Ion Ratio Lower Upper
168 100
99 47.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.664 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion: 65 Resp: 72495
Ion Ratio Lower Upper
65 100
67 55.1 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: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-5

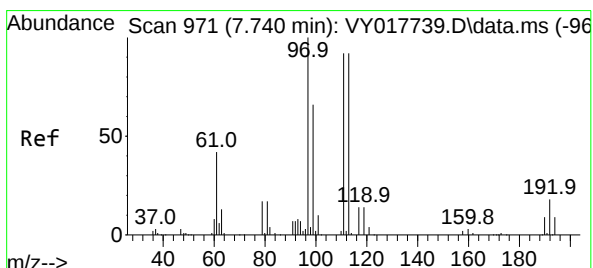
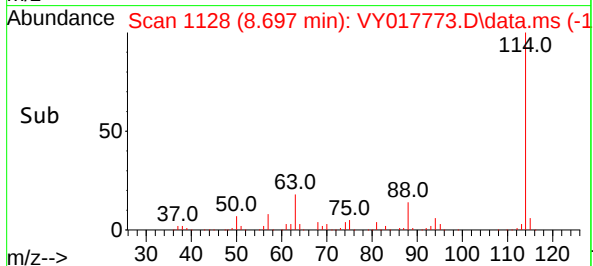
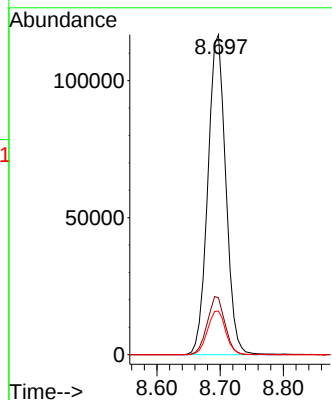
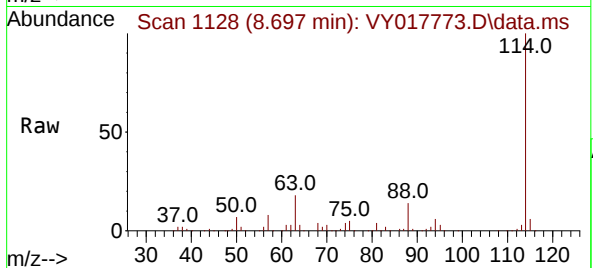
Tgt Ion:114 Resp: 230150

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.768 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

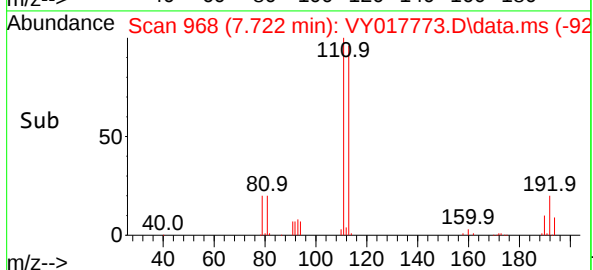
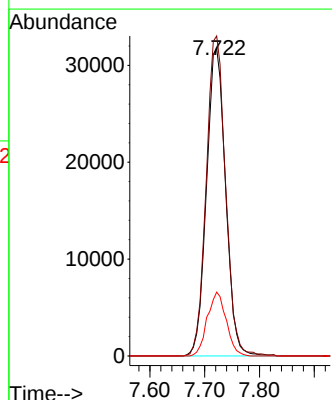
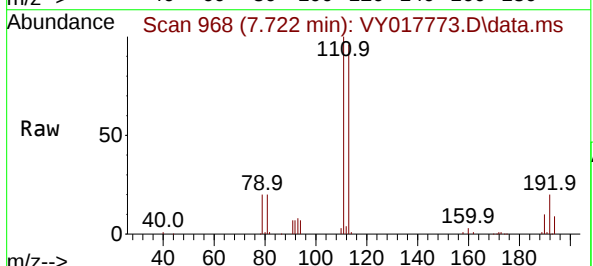
Tgt Ion:113 Resp: 76722

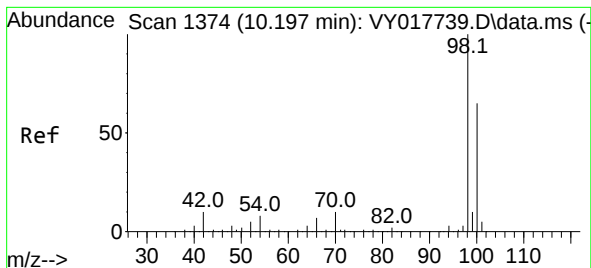
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 20.6 15.9 23.9





#50

Toluene-d8

Concen: 50.478 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

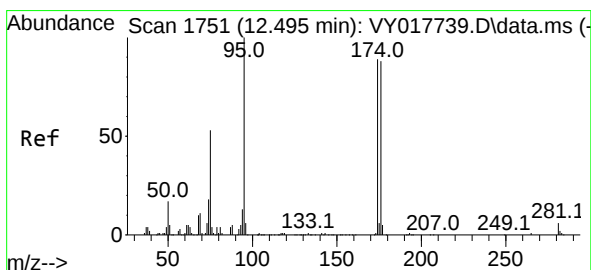
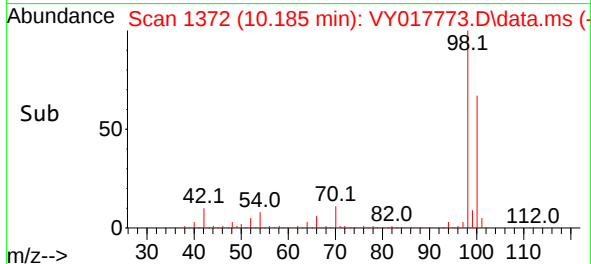
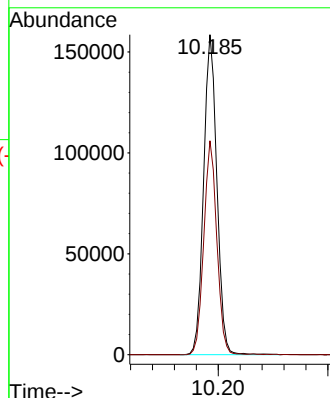
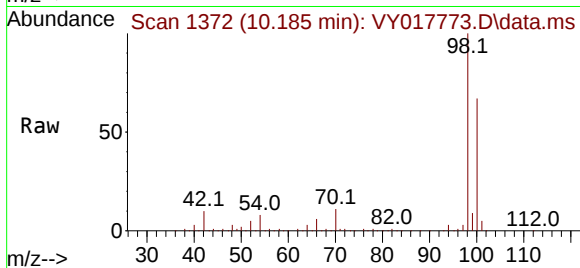
SOIL-5

Tgt Ion: 98 Resp: 265779

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.231 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017773.D

Acq: 26 Mar 2024 16:34

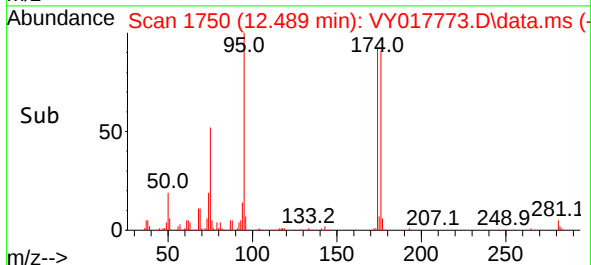
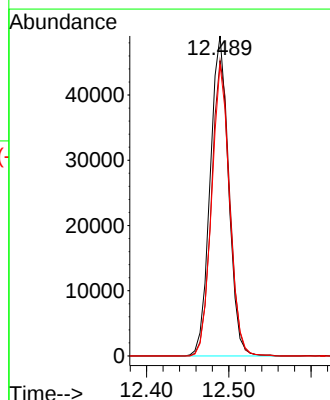
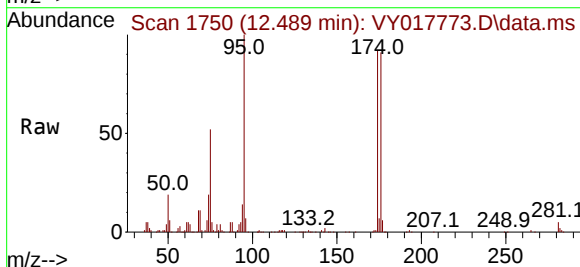
Tgt Ion: 95 Resp: 76256

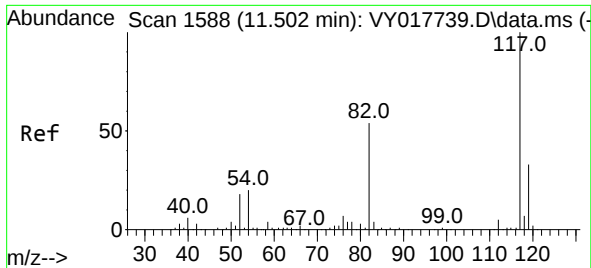
Ion Ratio Lower Upper

95 100

174 92.0 0.0 175.6

176 88.8 0.0 171.4

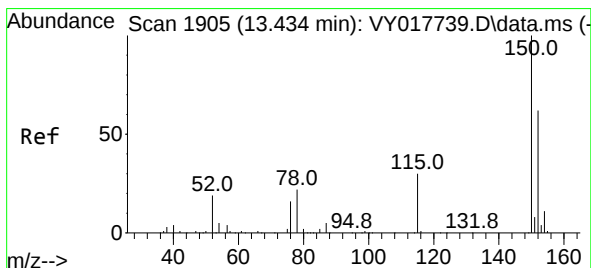
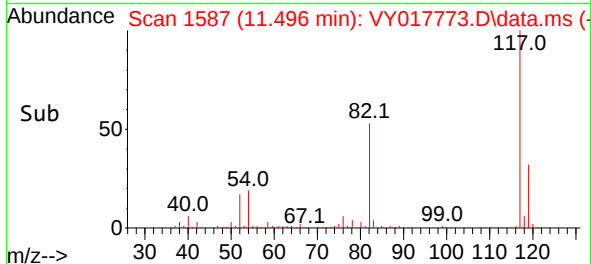
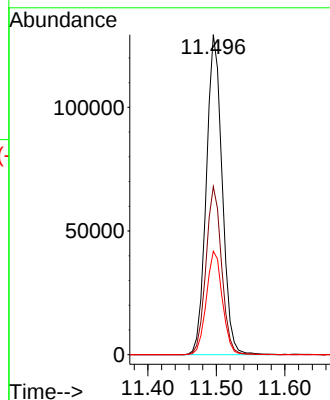
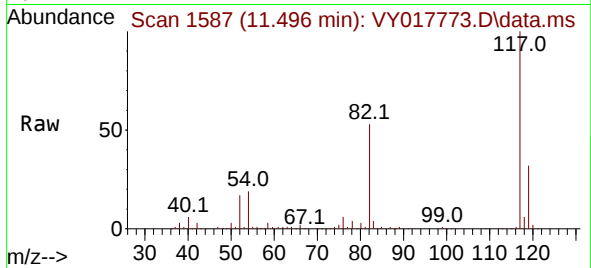




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017773.D
Acq: 26 Mar 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-5

Tgt Ion:117 Resp: 208494
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.4 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: VY017773.D
Acq: 26 Mar 2024 16:34

Tgt Ion:152 Resp: 81626
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.8 0.0 345.6

