

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017854.D
 Acq On : 04 Apr 2024 15:08
 Operator : SY/MD
 Sample : P1974-07RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3RE

Quant Time: Apr 05 00:48:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2411	78.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.400%
35) Dibromofluoromethane	7.722	113	1285	40.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.200%
50) Toluene-d8	10.185	98	6224	51.992	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.489	95	969	26.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.200%

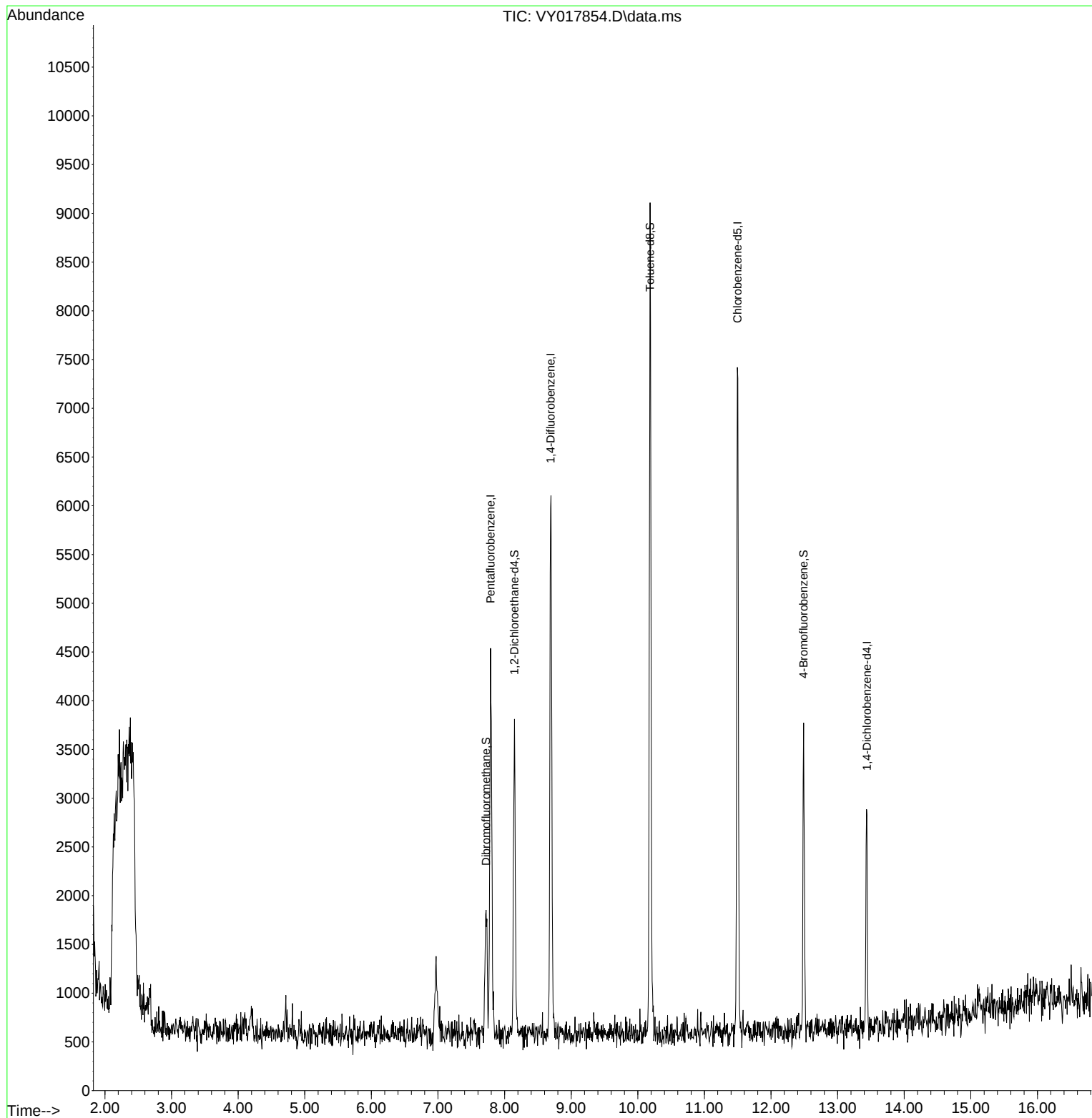
Target Compounds	Qvalue

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

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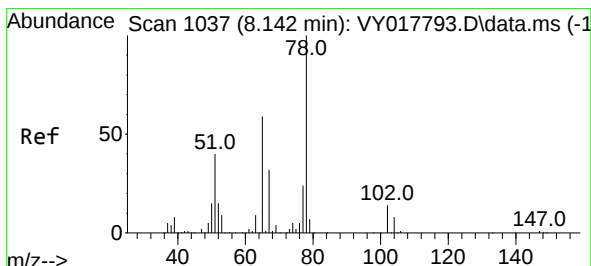
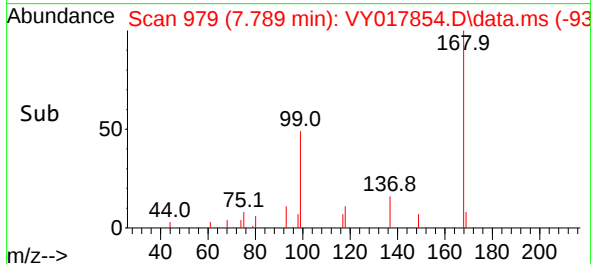
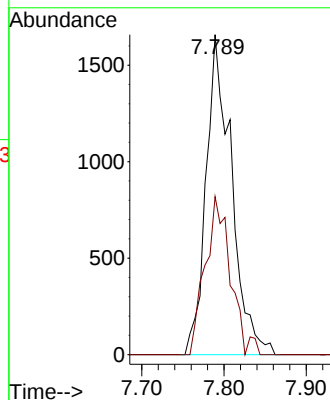
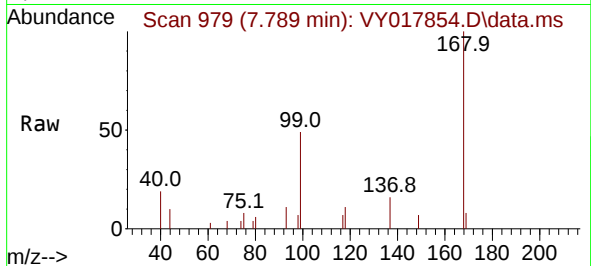




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

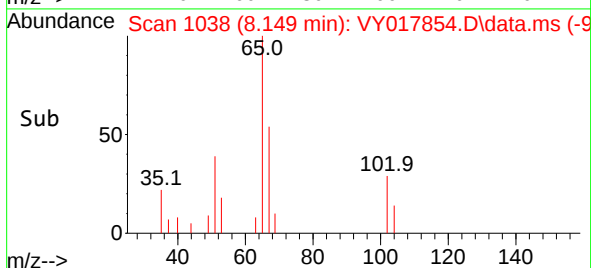
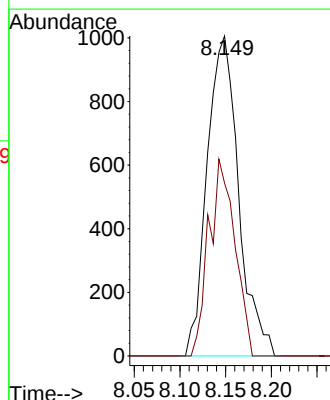
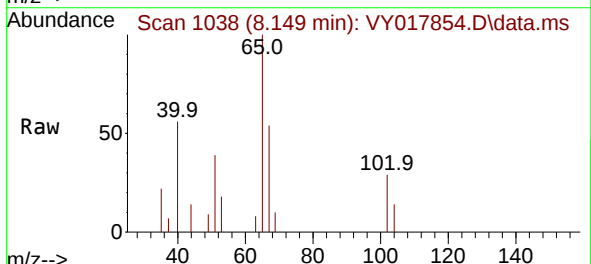
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

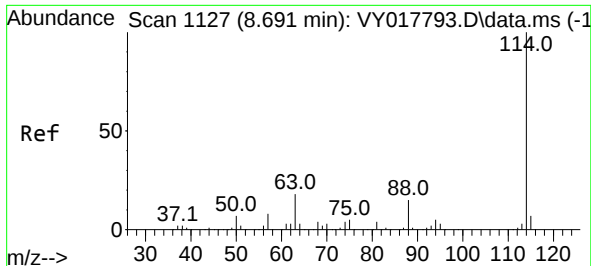
Tgt Ion:168 Resp: 3563
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 78.198 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion: 65 Resp: 2411
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017854.D

Acq: 04 Apr 2024 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3RE

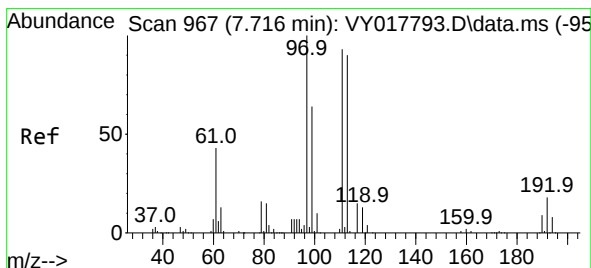
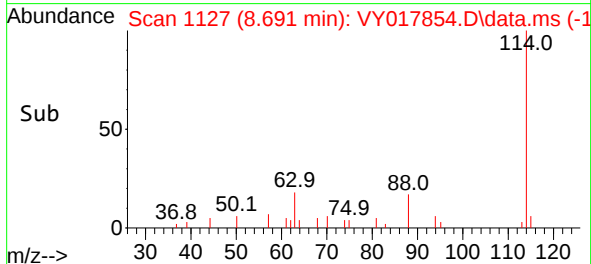
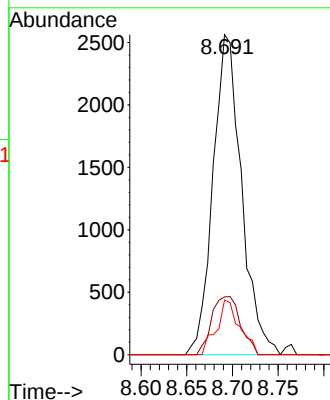
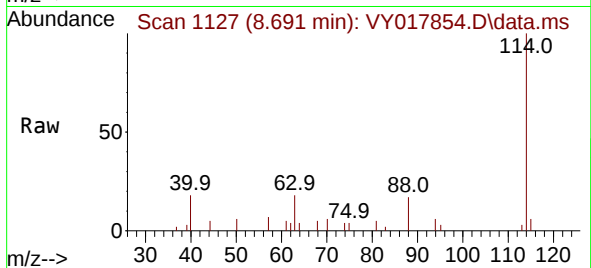
Tgt Ion:114 Resp: 5546

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 17.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 40.097 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017854.D

Acq: 04 Apr 2024 15:08

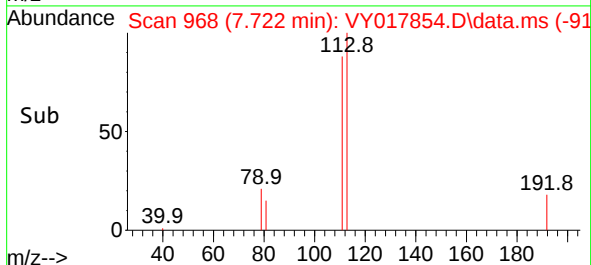
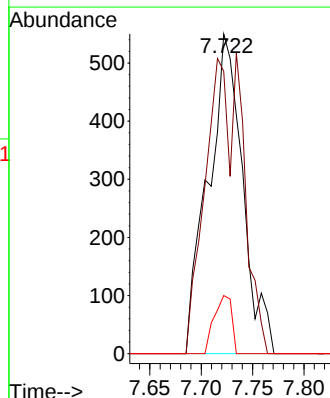
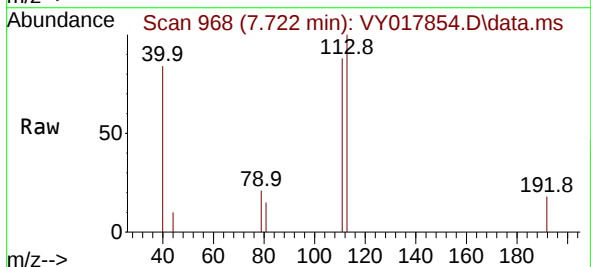
Tgt Ion:113 Resp: 1285

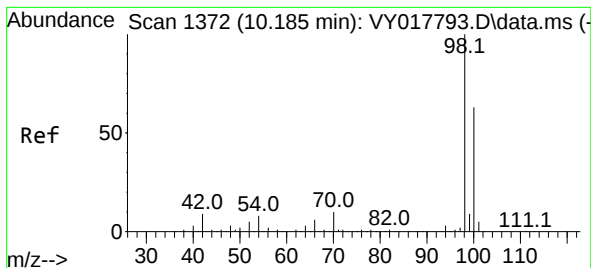
Ion Ratio Lower Upper

113 100

111 65.6 82.2 123.4#

192 9.2 15.9 23.9#

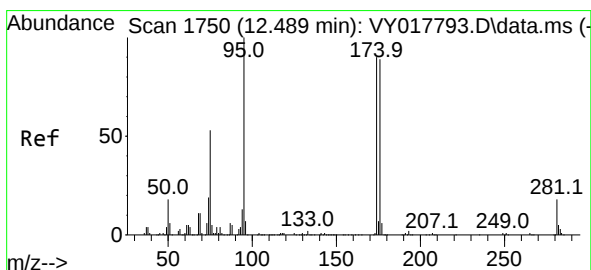
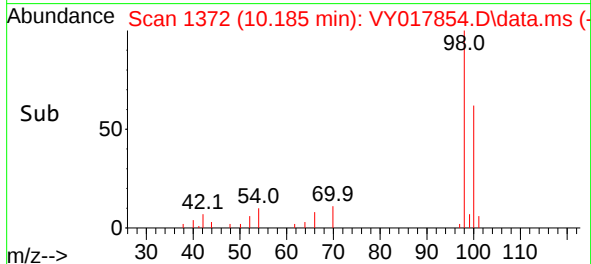
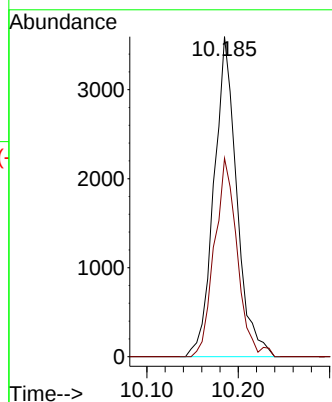
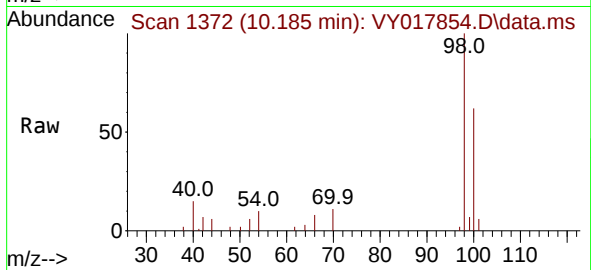




#50
Toluene-d8
Concen: 51.992 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

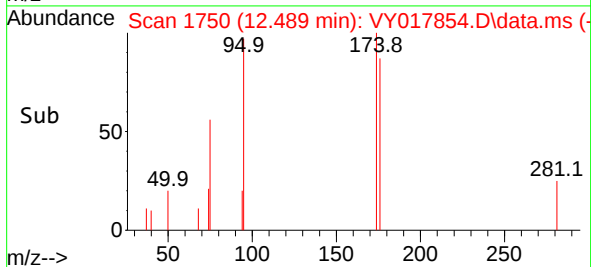
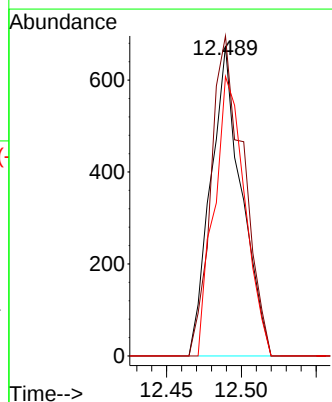
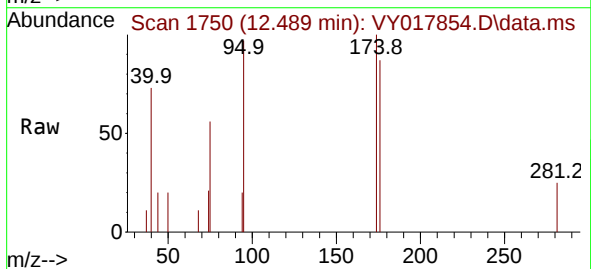
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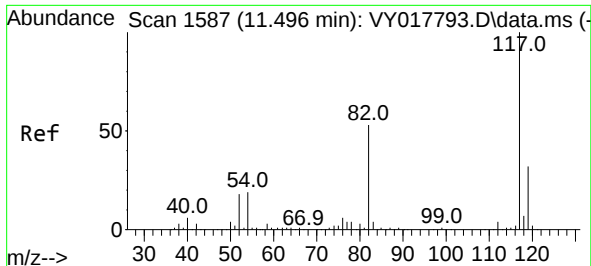
Tgt Ion: 98 Resp: 6224
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.605 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion: 95 Resp: 969
Ion Ratio Lower Upper
95 100
174 108.4 0.0 175.6
176 89.6 0.0 171.4

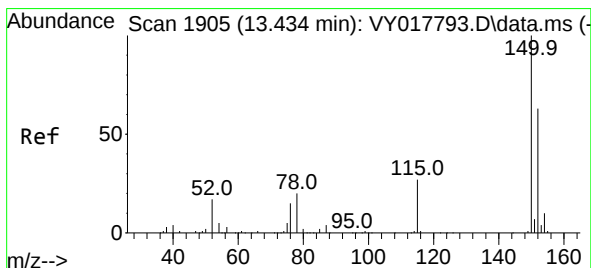
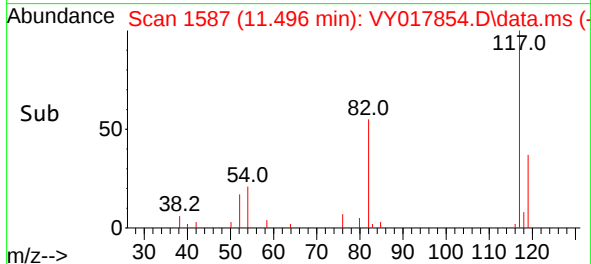
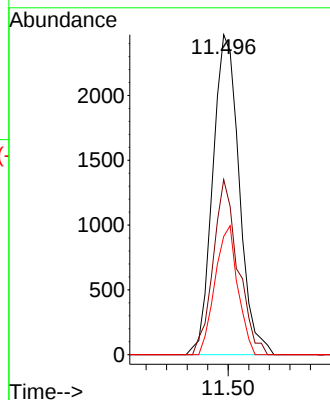
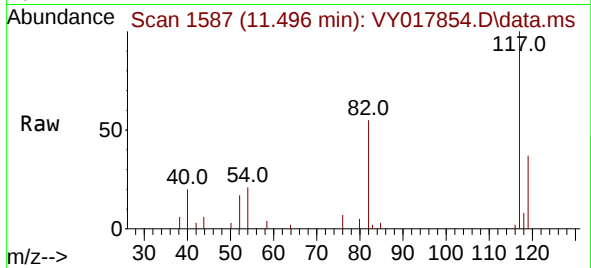




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3RE

Tgt Ion:117	Resp:	4403
Ion	Ratio	Lower Upper
117	100	
82	54.7	42.4 63.6
119	36.9	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017854.D
Acq: 04 Apr 2024 15:08

Tgt Ion:152	Resp:	727
Ion	Ratio	Lower Upper
152	100	
115	51.2	28.2 84.7
150	154.9	0.0 345.6

