

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017853.D
 Acq On : 04 Apr 2024 14:45
 Operator : SY/MD
 Sample : P1974-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1RE

Quant Time: Apr 05 00:47:42 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	7.795	168	2722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1514	64.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.560%
35) Dibromofluoromethane	7.722	113	863	31.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.740%
50) Toluene-d8	10.185	98	4876	48.207	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.496	95	815	26.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.960%

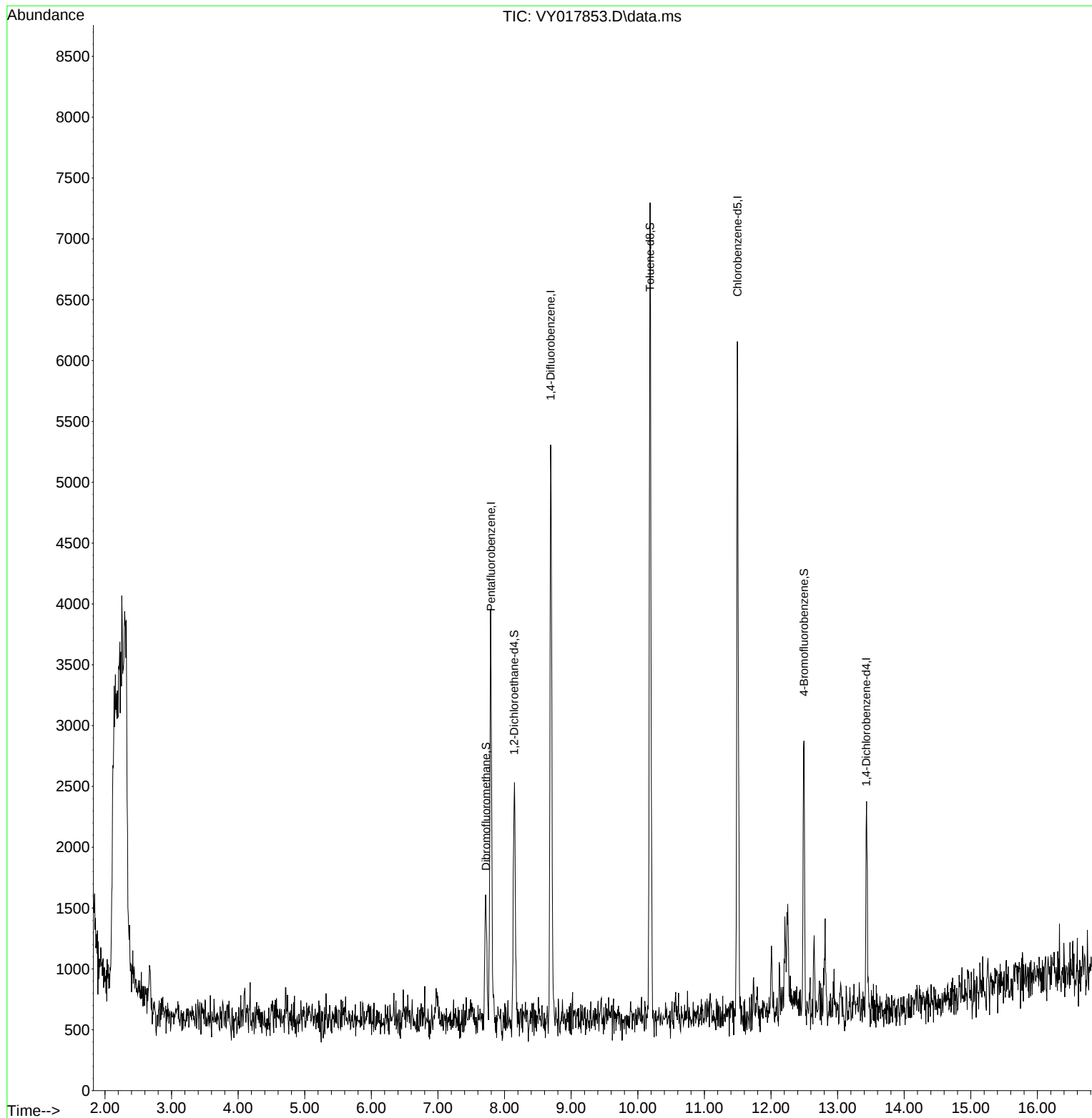
Target Compounds	Qvalue

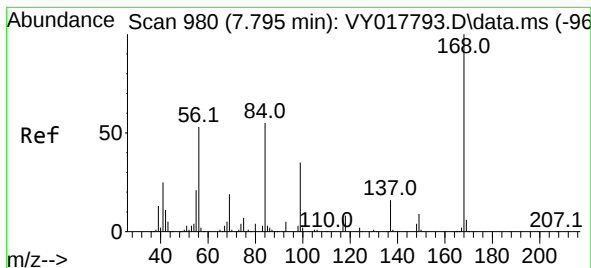
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY017853.D

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Instrument :

MSVOA_Y

ClientSampleId :

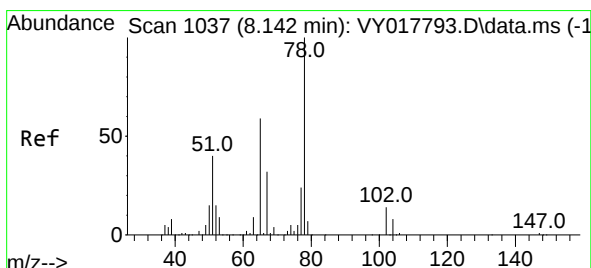
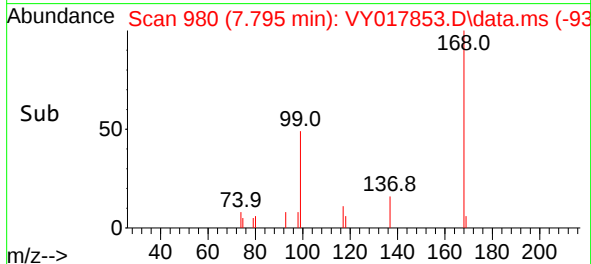
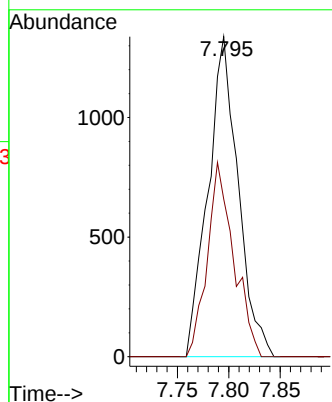
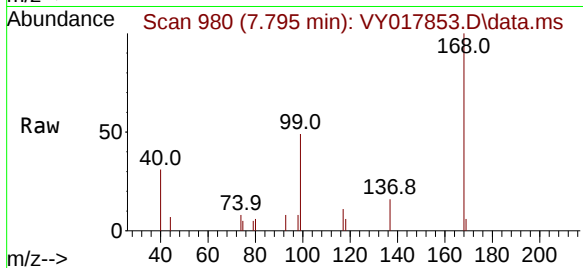
SOIL-1RE

Tgt Ion:168 Resp: 2722

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 64.277 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017853.D

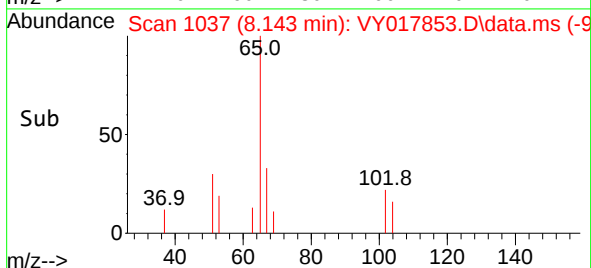
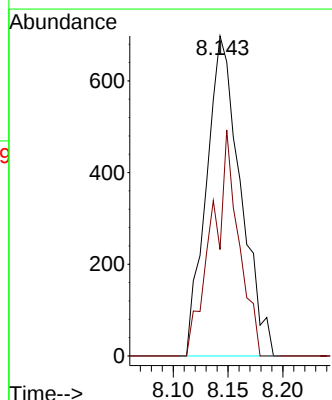
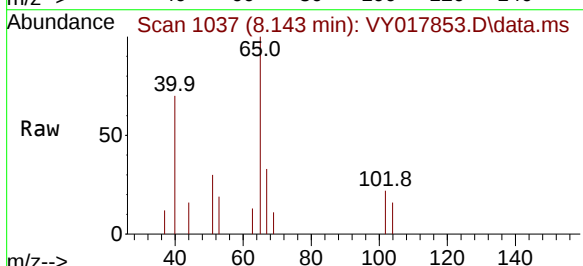
Acq: 04 Apr 2024 14:45

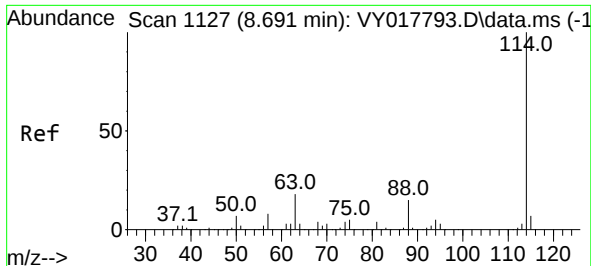
Tgt Ion: 65 Resp: 1514

Ion Ratio Lower Upper

65 100

67 55.2 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: VY017853.D

Acq: 04 Apr 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1RE

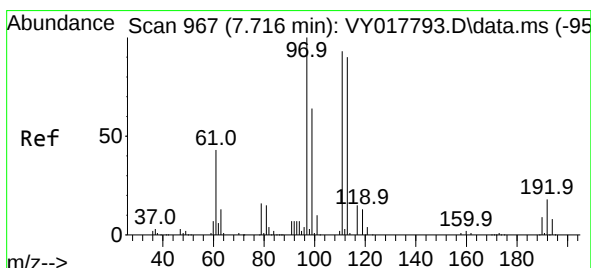
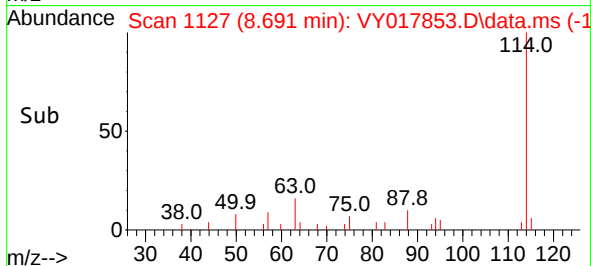
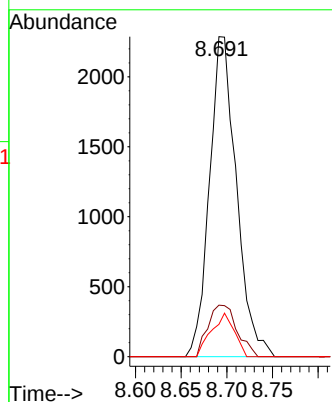
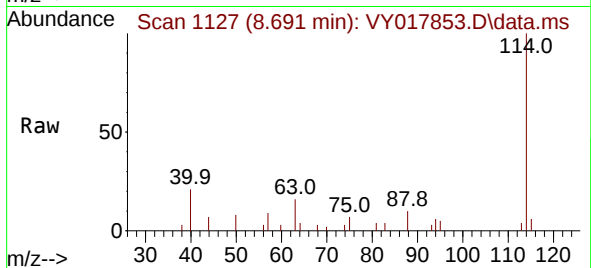
Tgt Ion:114 Resp: 4686

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 10.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 31.871 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017853.D

Acq: 04 Apr 2024 14:45

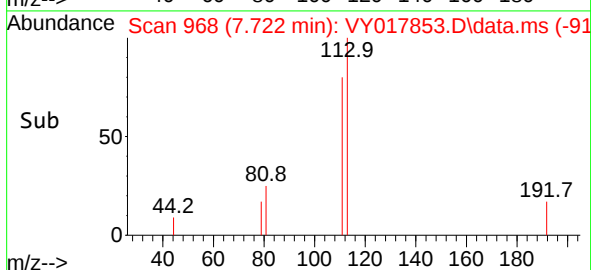
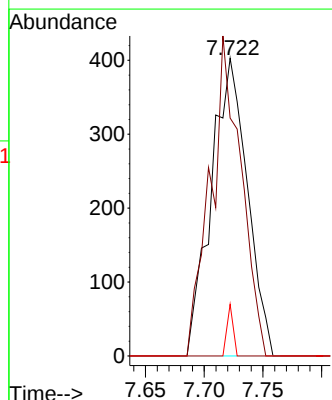
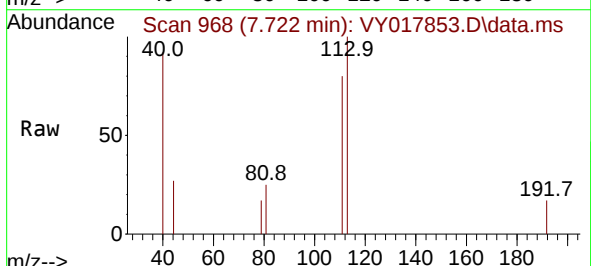
Tgt Ion:113 Resp: 863

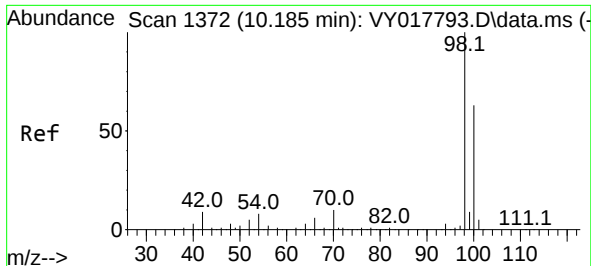
Ion Ratio Lower Upper

113 100

111 91.0 82.2 123.4

192 3.0 15.9 23.9#

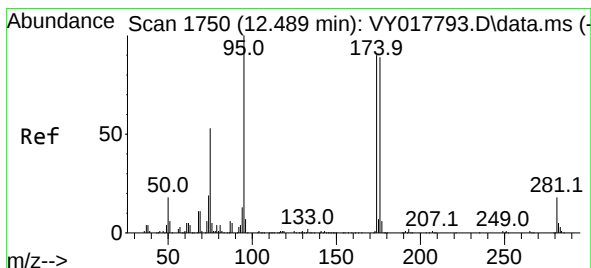
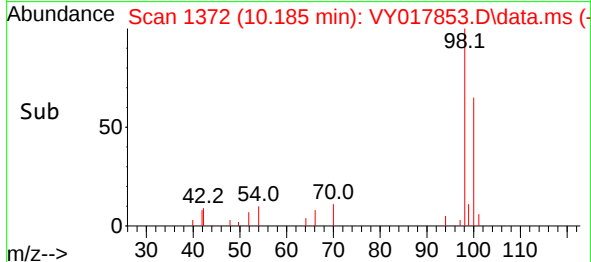
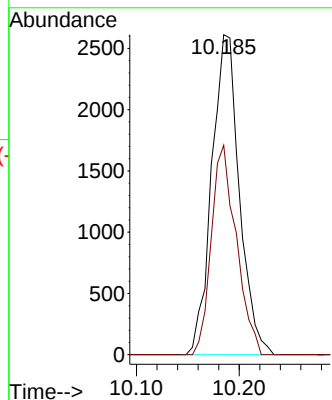
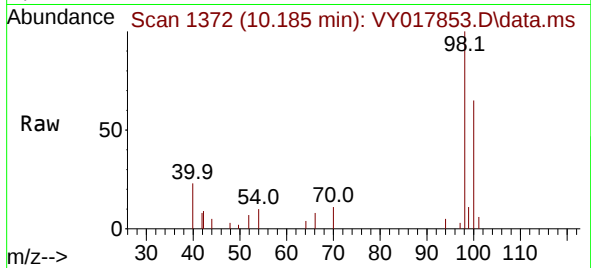




#50
Toluene-d8
Concen: 48.207 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

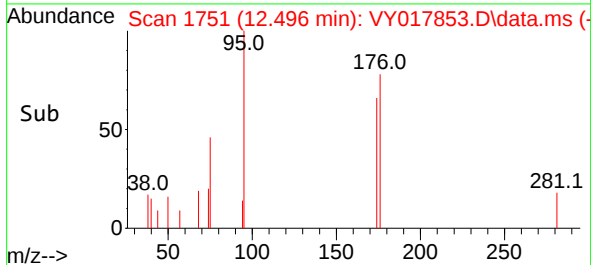
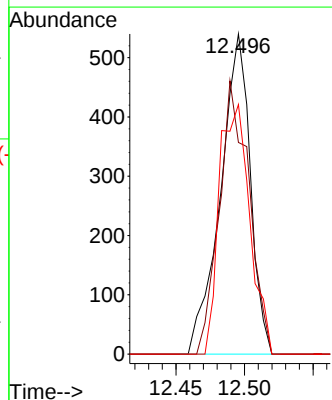
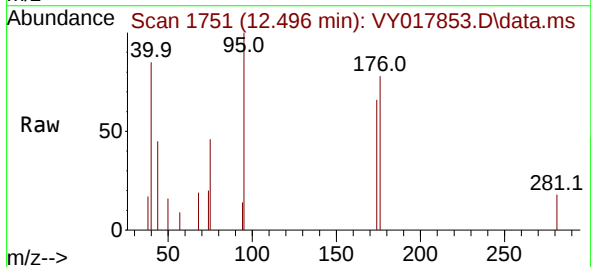
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

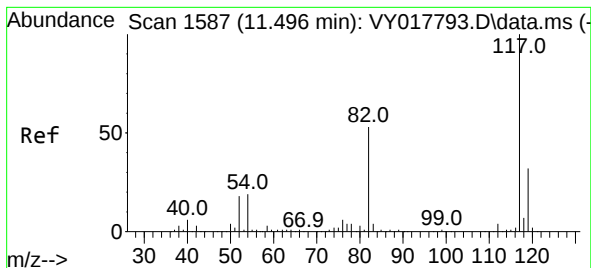
Tgt Ion: 98 Resp: 4876
Ion Ratio Lower Upper
98 100
100 59.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.483 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion: 95 Resp: 815
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 79.8 0.0 171.4

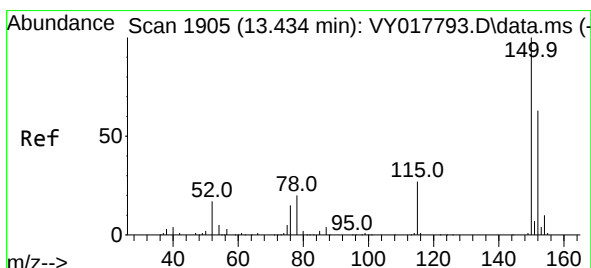
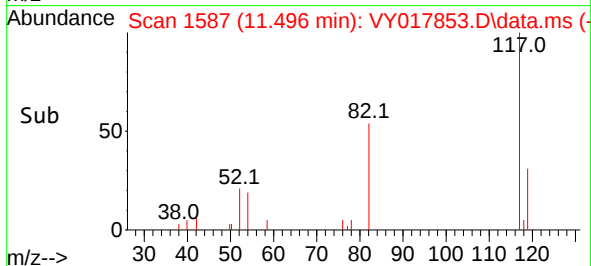
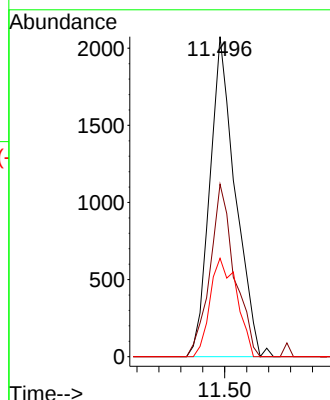
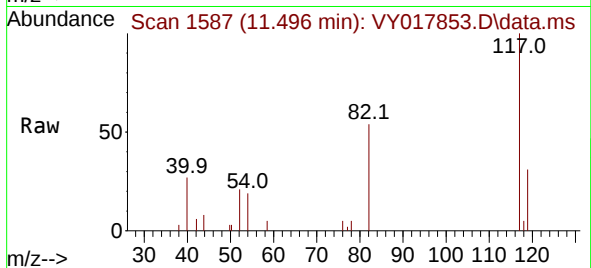




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1RE

Tgt Ion:117 Resp: 3354
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 30.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017853.D
Acq: 04 Apr 2024 14:45

Tgt Ion:152 Resp: 557
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 170.0 0.0 345.6

