

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011751.D
 Acq On : 09 Dec 2022 18:27
 Operator : KP/MD
 Sample : N5947-01
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NYE-SOIL-1208

Quant Time: Dec 10 03:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	205833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128111	95.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	191.160%#
35) Dibromofluoromethane	7.716	113	114751	73.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.560%#
50) Toluene-d8	10.179	98	432405	87.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	175.360%#
62) 4-Bromofluorobenzene	12.483	95	145350	71.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	143.640%

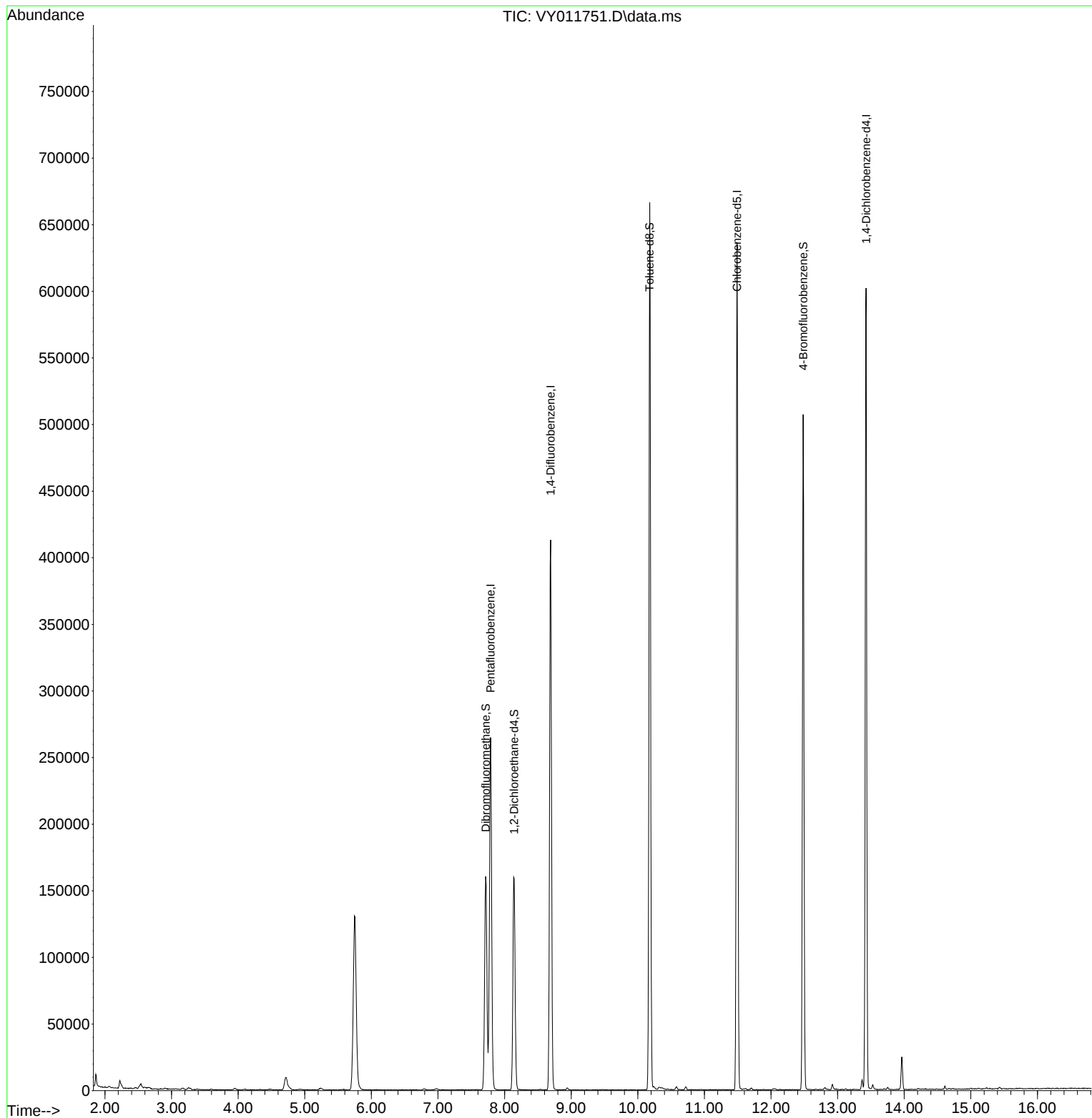
Target Compounds	Qvalue

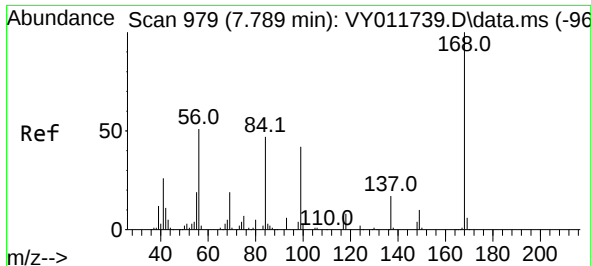
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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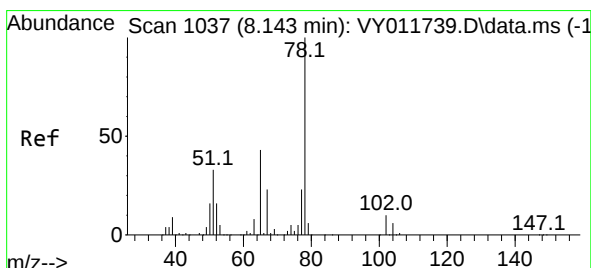
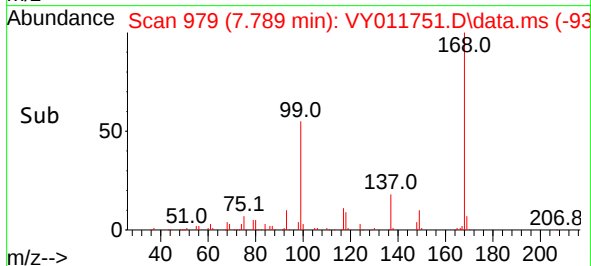
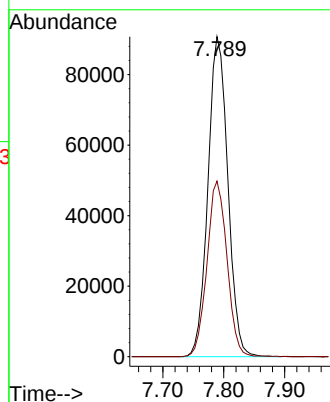
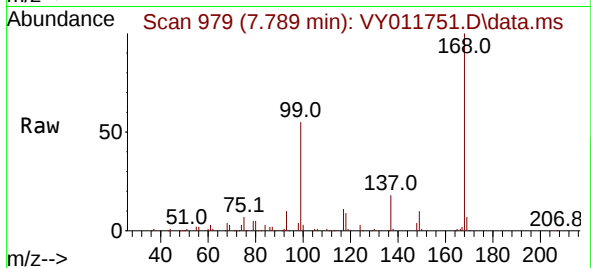




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

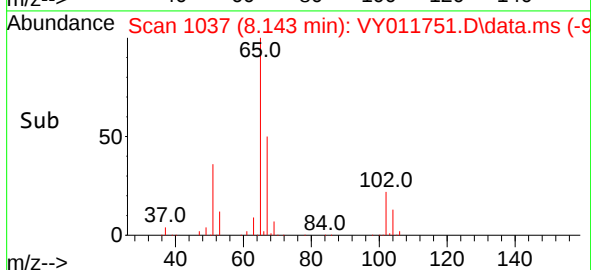
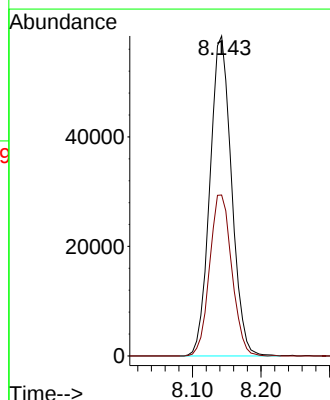
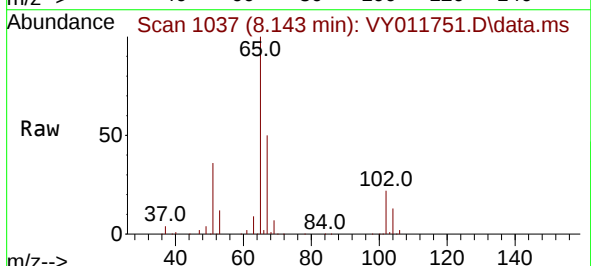
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

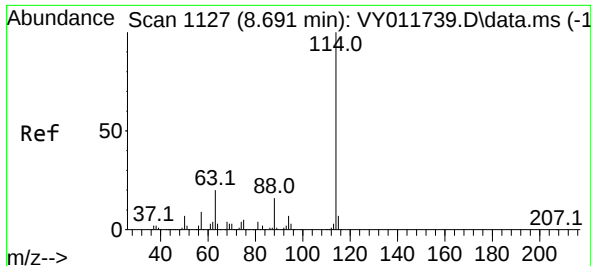
Tgt Ion:168 Resp: 205833
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 95.579 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 65 Resp: 128111
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

NYE-SOIL-1208

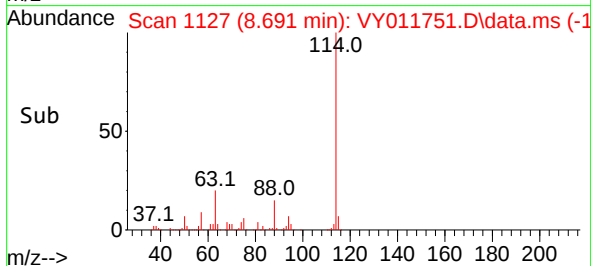
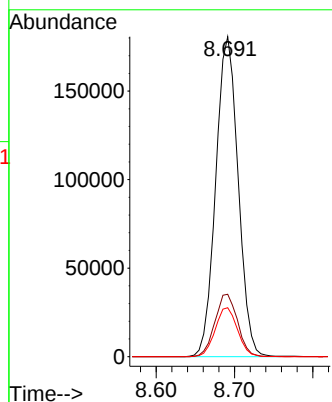
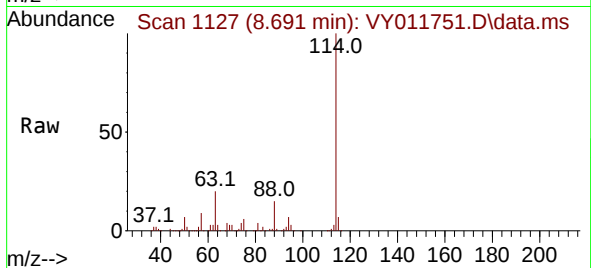
Tgt Ion:114 Resp: 359054

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 73.782 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011751.D

Acq: 09 Dec 2022 18:27

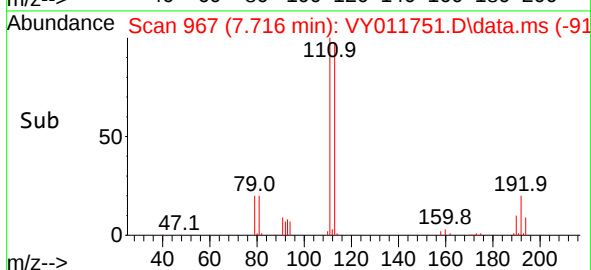
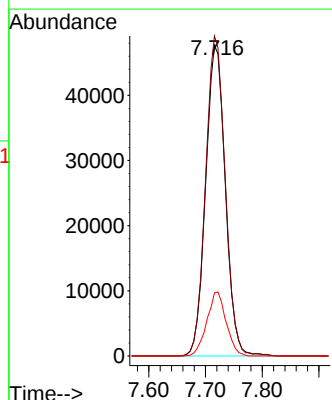
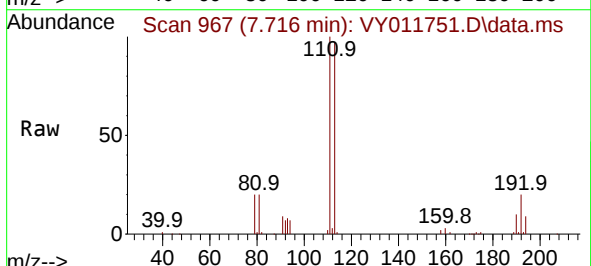
Tgt Ion:113 Resp: 114751

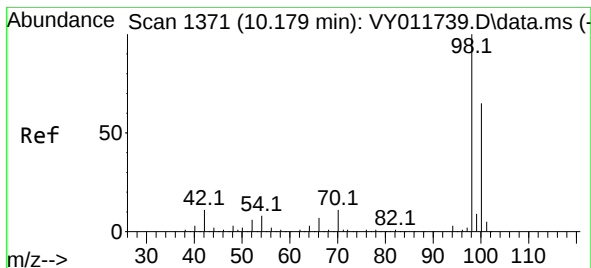
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.2 16.0 24.0

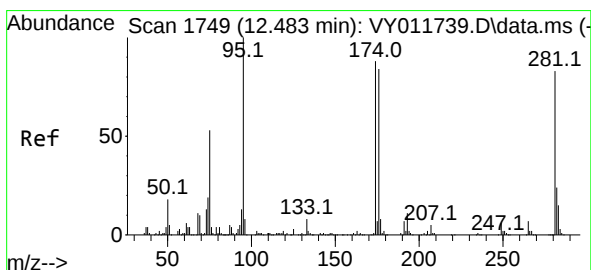
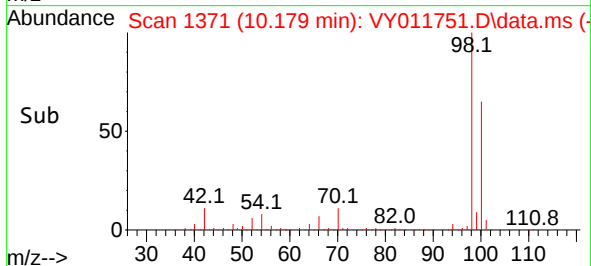
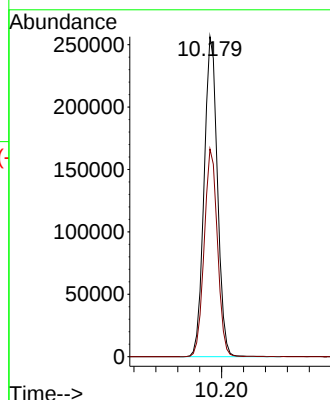
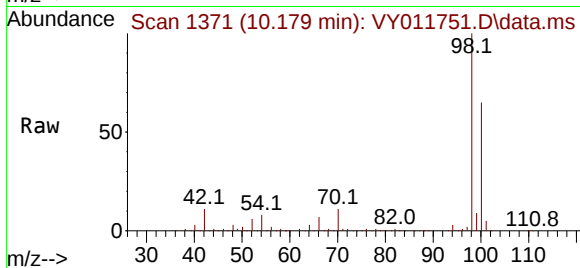




#50
Toluene-d8
Concen: 87.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

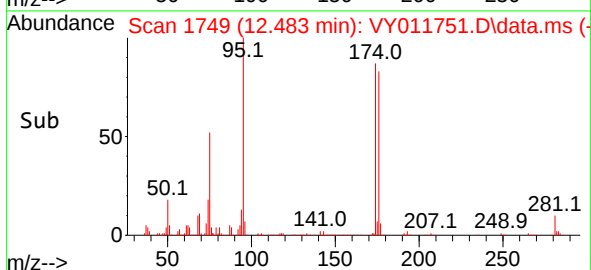
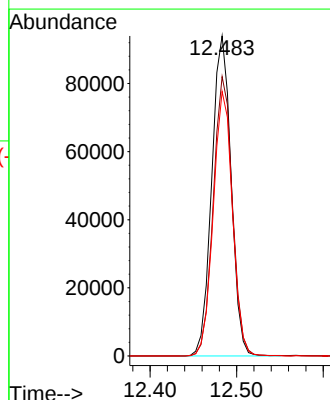
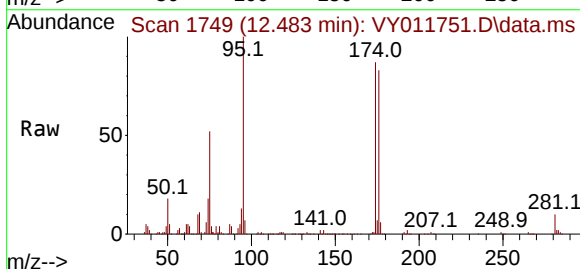
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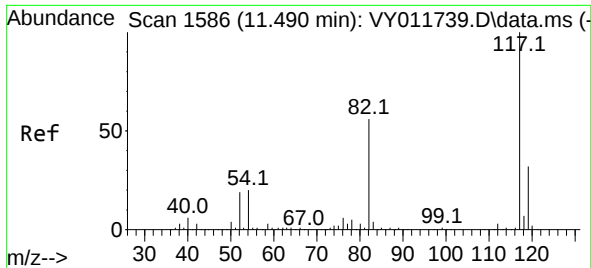
Tgt Ion: 98 Resp: 432405
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 71.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion: 95 Resp: 145350
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.0
176 82.4 0.0 167.6

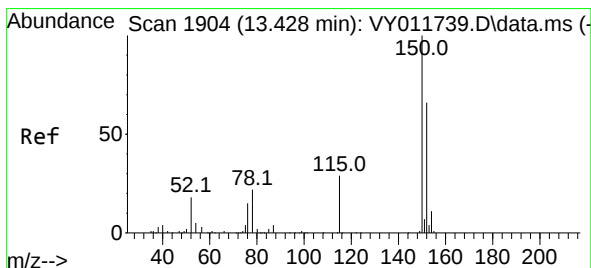
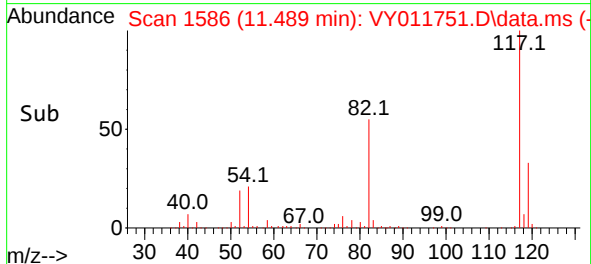
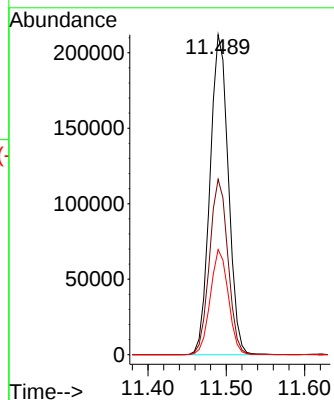
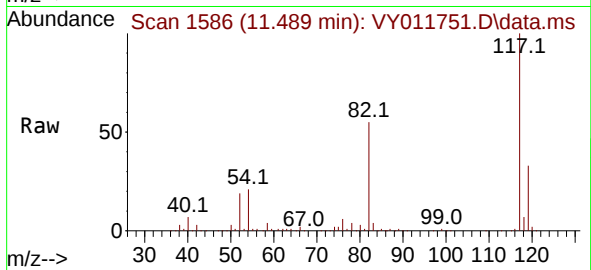




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-1208

Tgt Ion:117 Resp: 344439
Ion Ratio Lower Upper
117 100
82 54.8 44.8 67.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011751.D
Acq: 09 Dec 2022 18:27

Tgt Ion:152 Resp: 156698
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 158.7 0.0 342.6

