

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006791.D
 Acq On : 17 Nov 2021 16:18
 Operator : SY/MD
 Sample : M4674-07
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P4

Quant Time: Nov 18 03:02:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

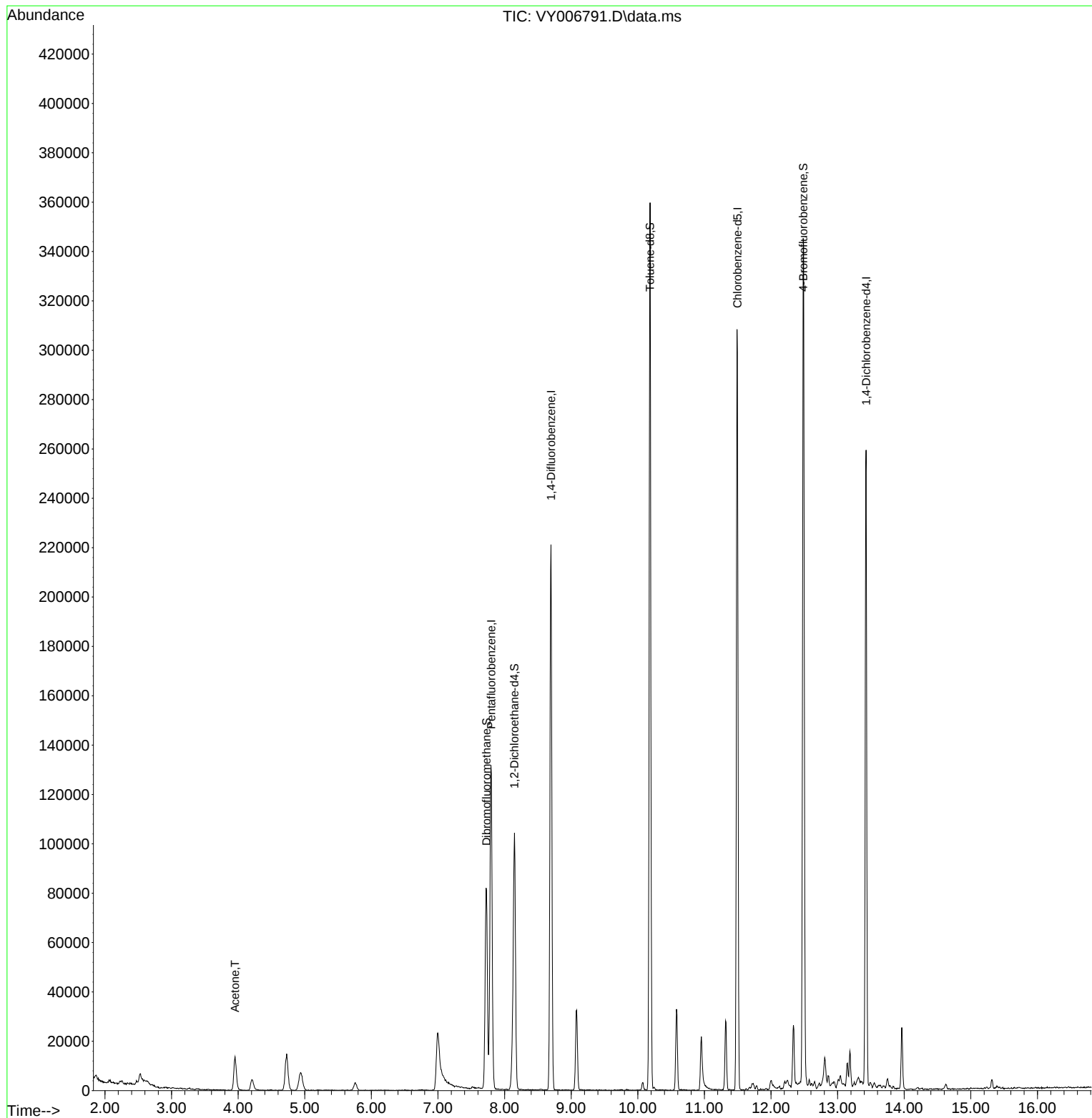
Internal Standards						
1) Pentafluorobenzene	7.801	168	100533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77890	59.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.220%
35) Dibromofluoromethane	7.728	113	54708	51.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.880%
50) Toluene-d8	10.185	98	216913	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.483	95	67639	46.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.060%
Target Compounds						
16) Acetone	3.954	43	23754	59.337	ug/l	Qvalue 95

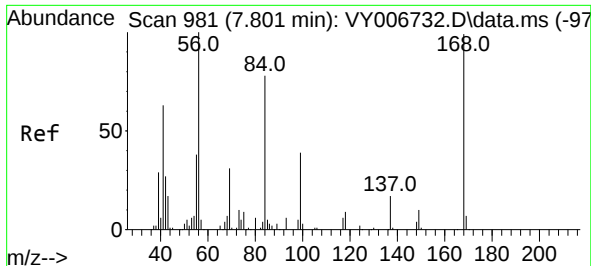
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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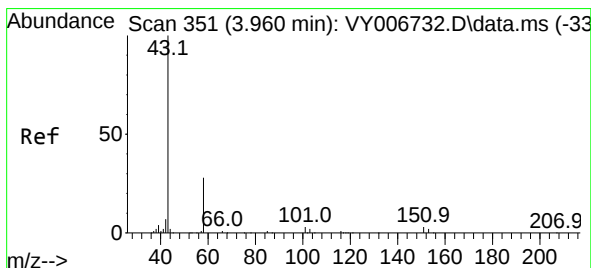
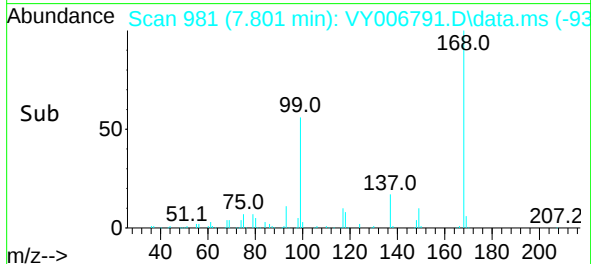
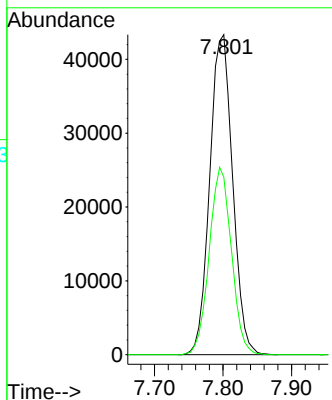
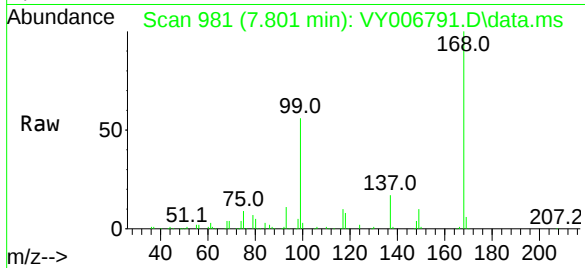




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

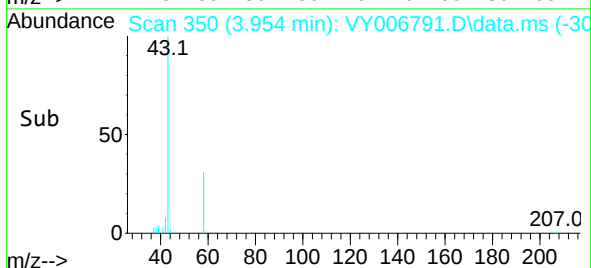
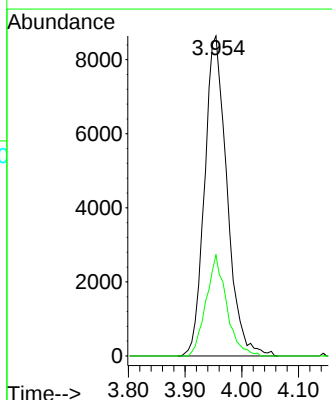
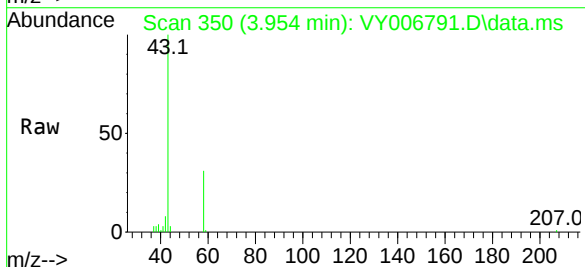
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

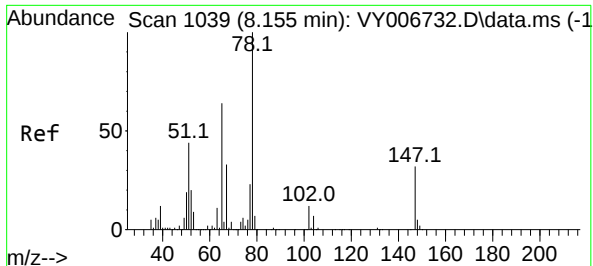
Tgt Ion:168 Resp: 100533
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#16
Acetone
Concen: 59.337 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 43 Resp: 23754
Ion Ratio Lower Upper
43 100
58 31.5 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 59.115 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006791.D

Acq: 17 Nov 2021 16:18

Instrument :

MSVOA_Y

ClientSampleId :

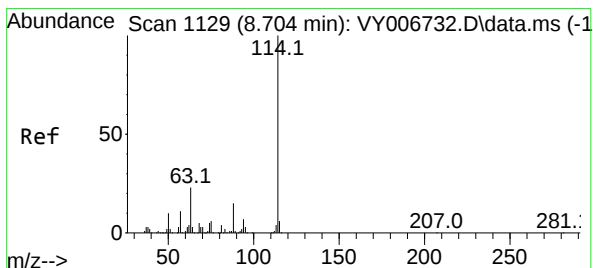
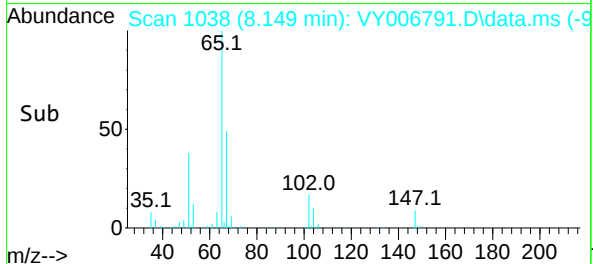
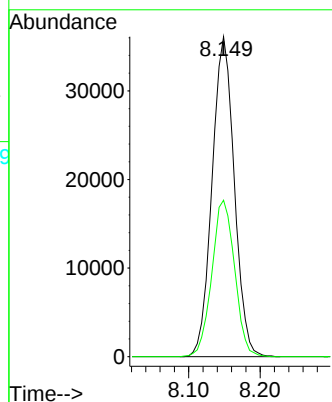
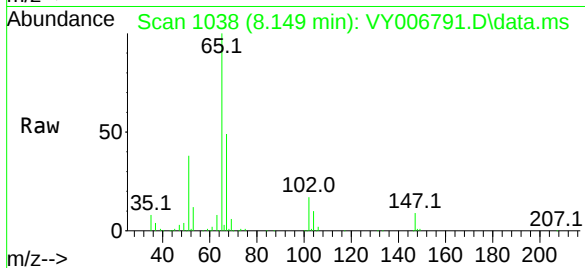
MF-SOIL-P4

Tgt Ion: 65 Resp: 77890

Ion Ratio Lower Upper

65 100

67 50.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006791.D

Acq: 17 Nov 2021 16:18

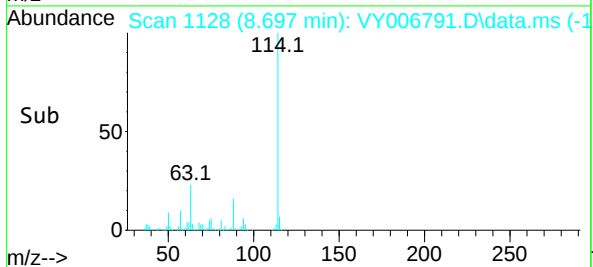
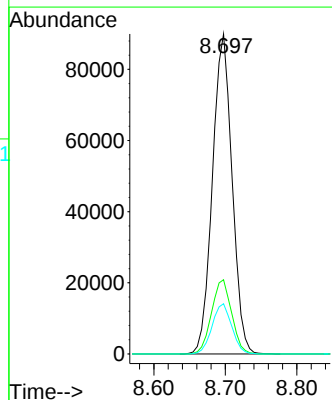
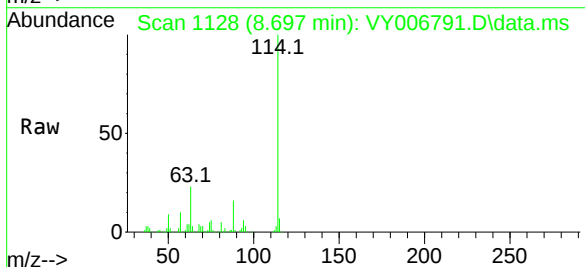
Tgt Ion: 114 Resp: 171476

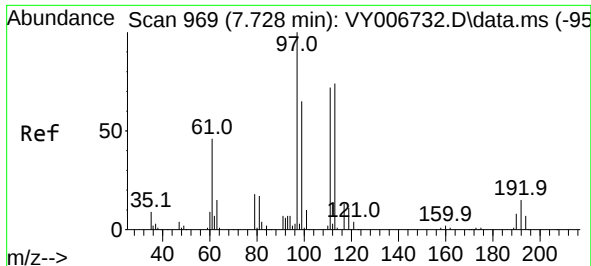
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.941 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY006791.D

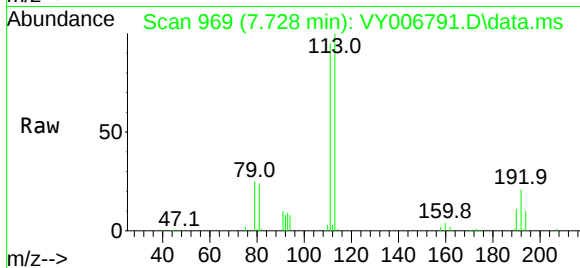
Acq: 17 Nov 2021 16:18

Instrument :

MSVOA_Y

ClientSampleId :

MF-SOIL-P4



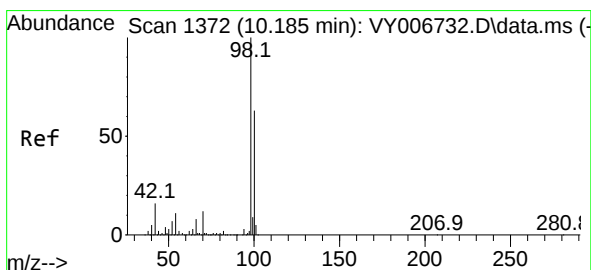
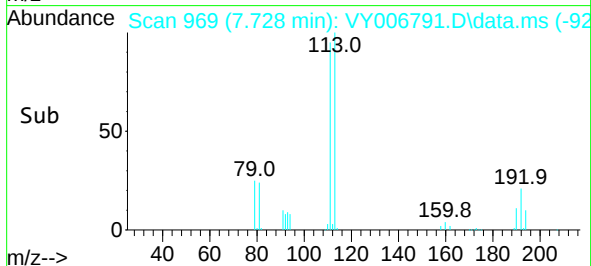
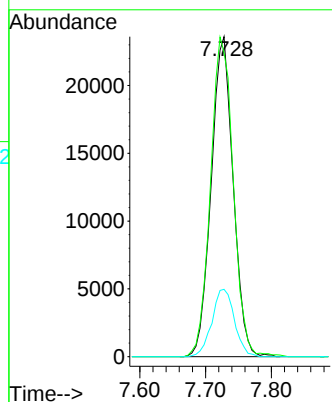
Tgt Ion:113 Resp: 54708

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 21.7 17.4 26.2



#50

Toluene-d8

Concen: 49.767 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY006791.D

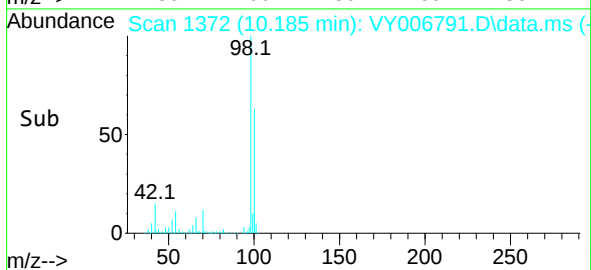
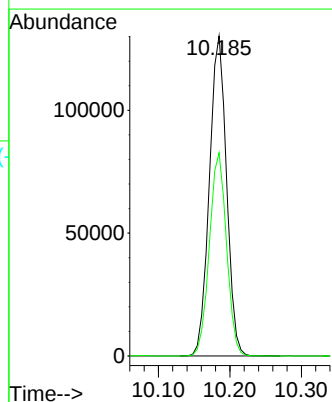
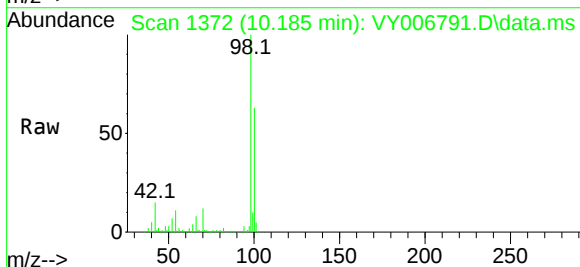
Acq: 17 Nov 2021 16:18

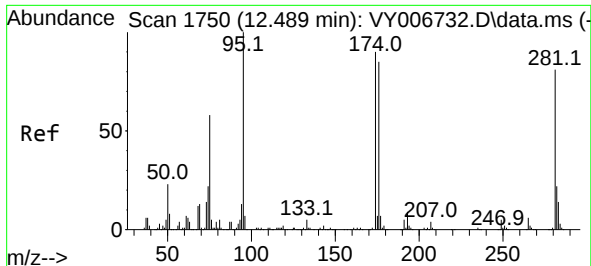
Tgt Ion: 98 Resp: 216913

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3

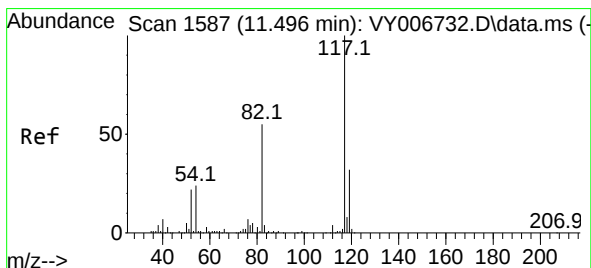
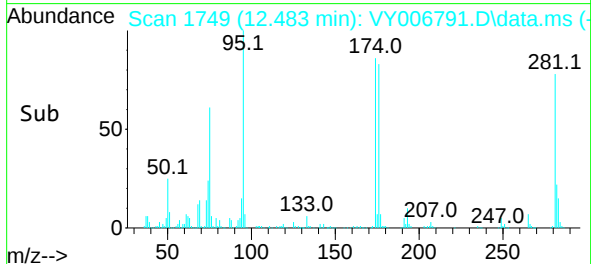
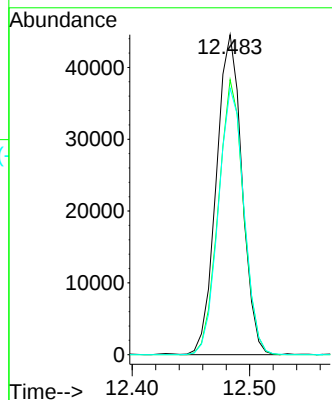
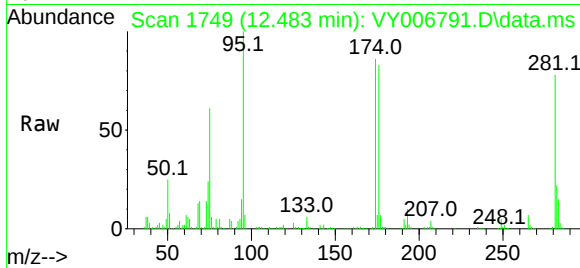




#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

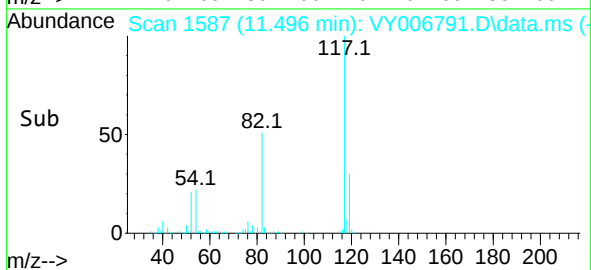
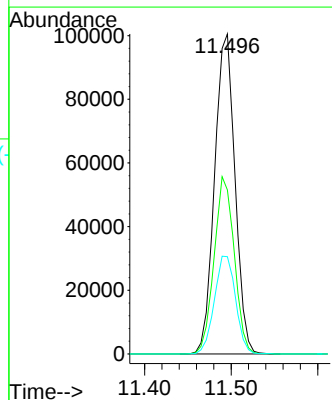
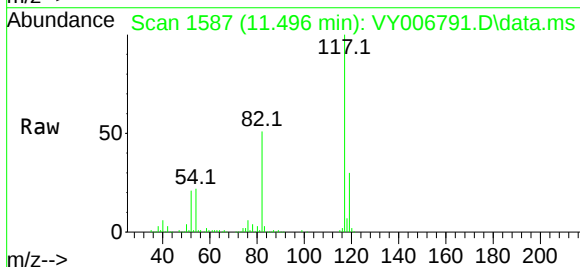
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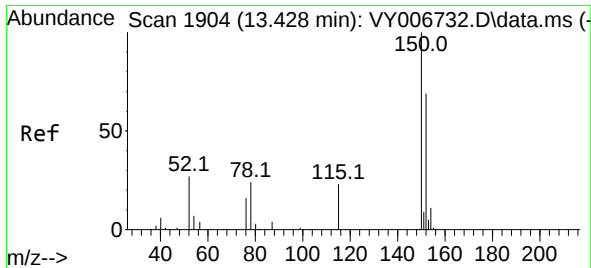
Tgt Ion: 95 Resp: 67639
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 83.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

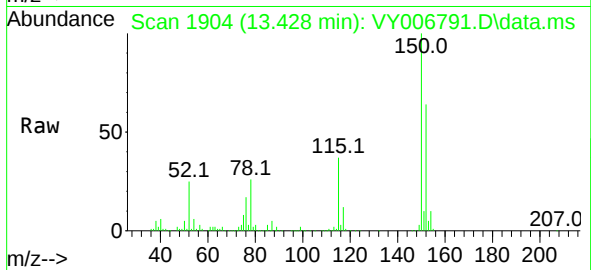
Tgt Ion: 117 Resp: 164238
Ion Ratio Lower Upper
117 100
82 51.2 45.7 68.5
119 30.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006791.D
 Acq: 17 Nov 2021 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P4



Tgt Ion:152 Resp: 61403
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.5 85.5
 150 157.5 0.0 348.2

