

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015006.D
 Acq On : 09 Aug 2023 15:31
 Operator : SY/MD
 Sample : 03931-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL2

Quant Time: Aug 10 01:46:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	168819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	275039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105335	51.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.960%
35) Dibromofluoromethane	7.710	113	90593	49.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.173	98	339178	48.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.477	95	128461	52.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.400%

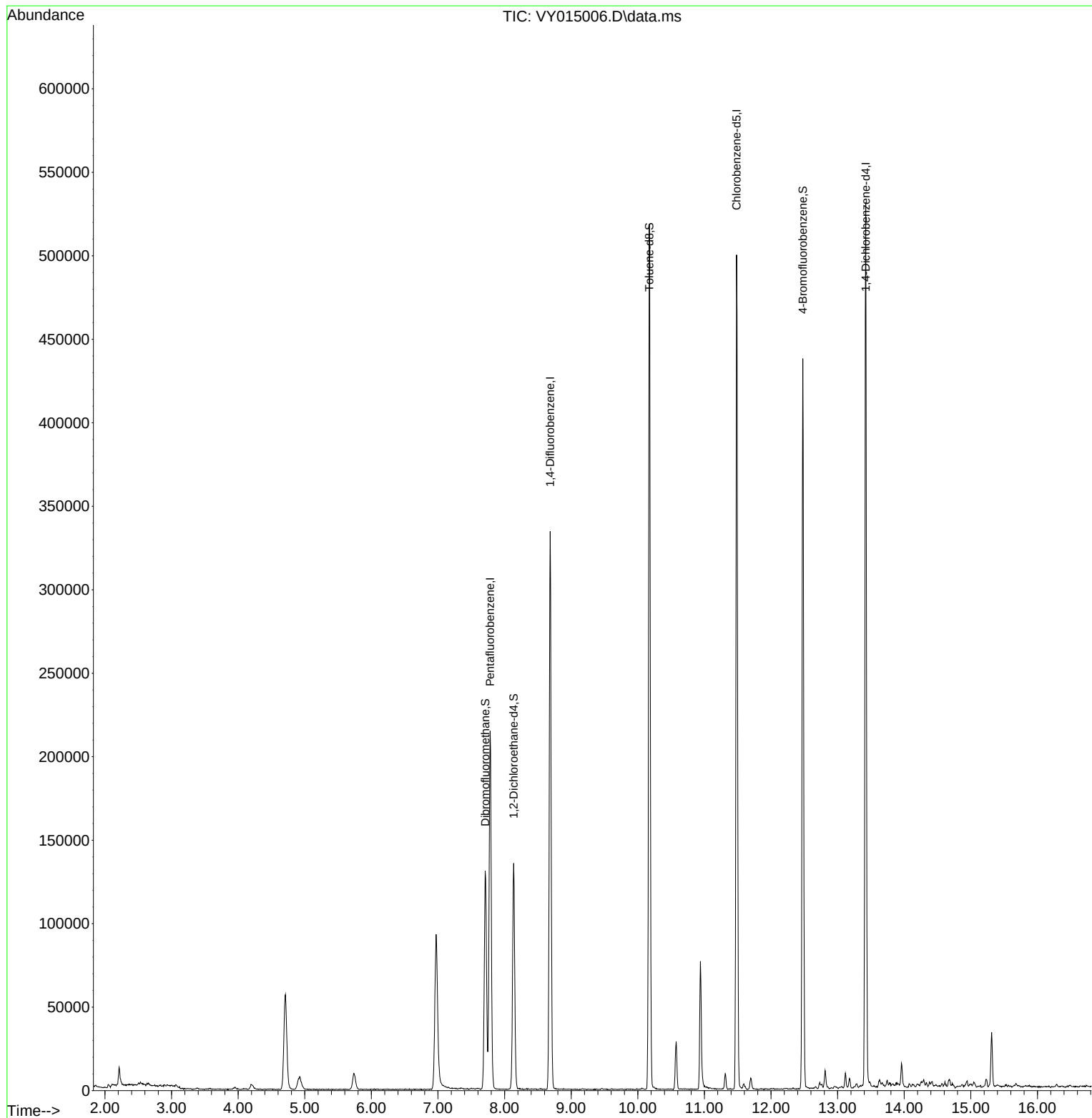
Target Compounds	Qvalue

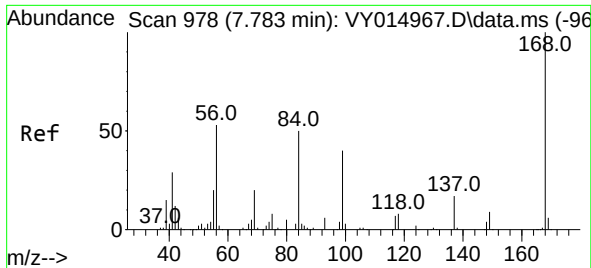
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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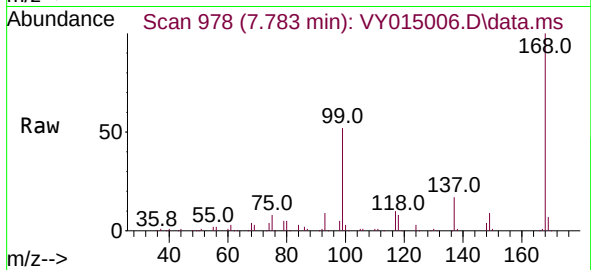
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
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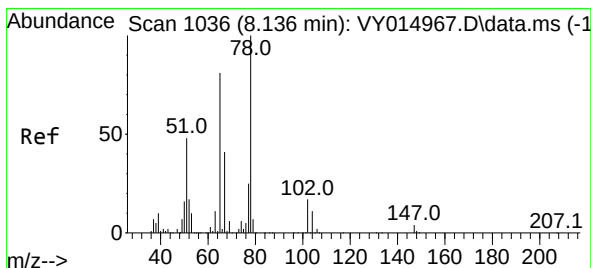
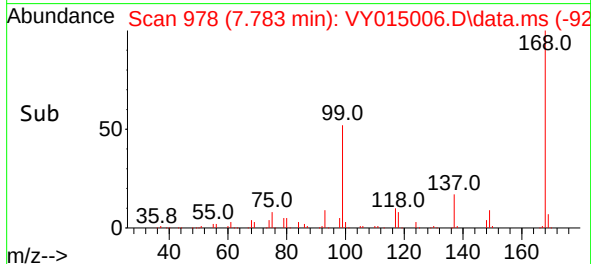
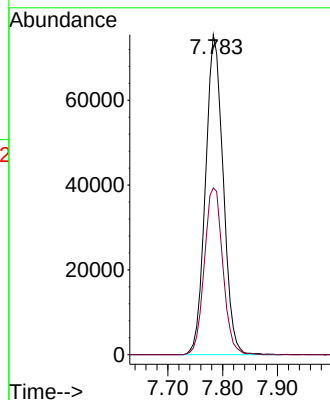


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

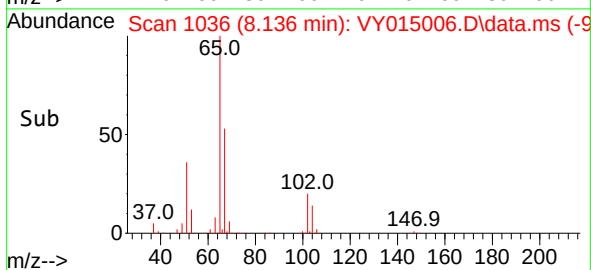
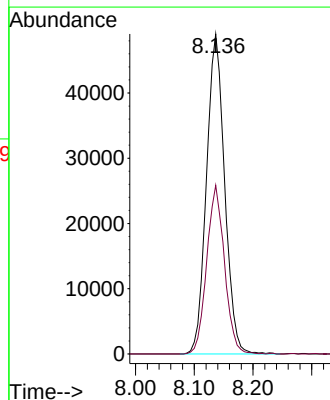
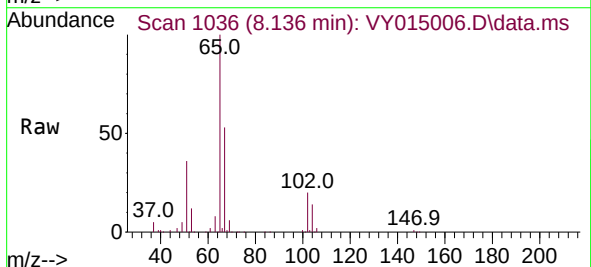


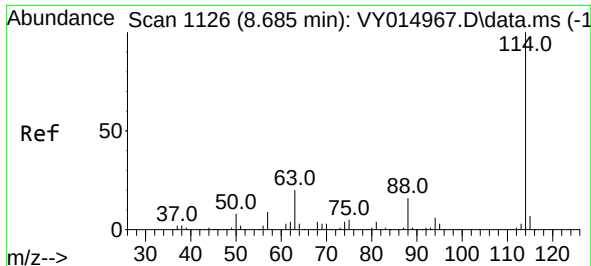
Tgt Ion:168 Resp: 168819
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.480 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 65 Resp: 105335
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015006.D

Acq: 09 Aug 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL2

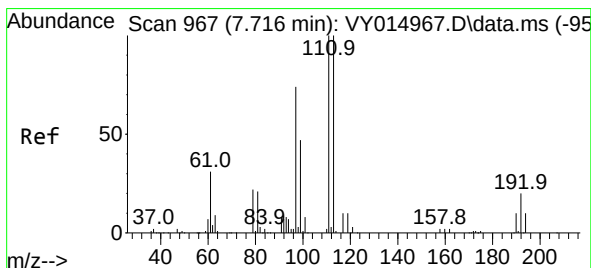
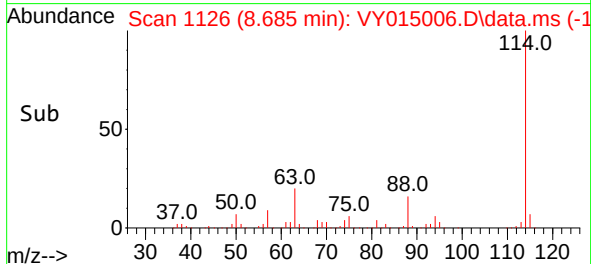
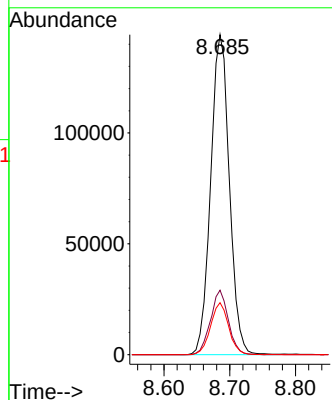
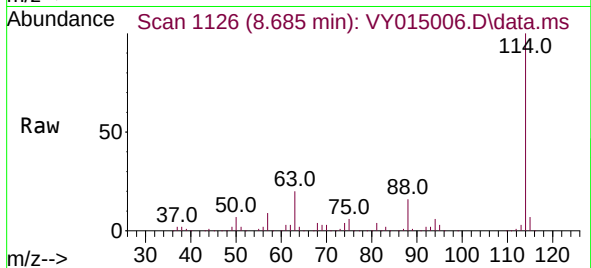
Tgt Ion:114 Resp: 285295

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.656 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015006.D

Acq: 09 Aug 2023 15:31

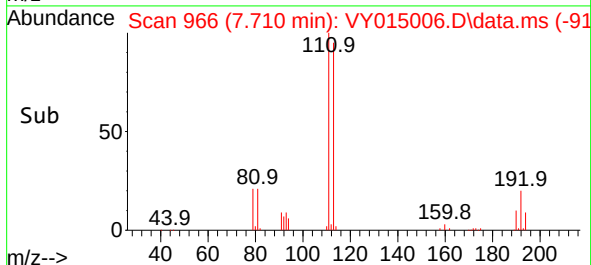
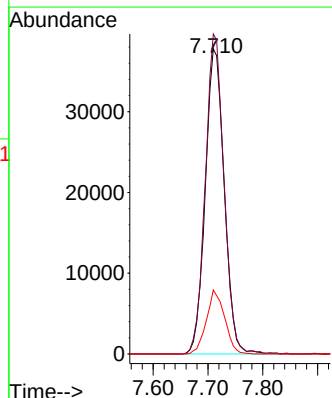
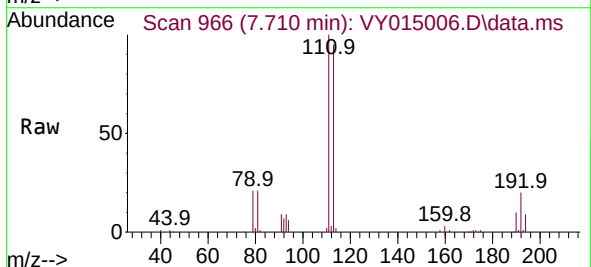
Tgt Ion:113 Resp: 90593

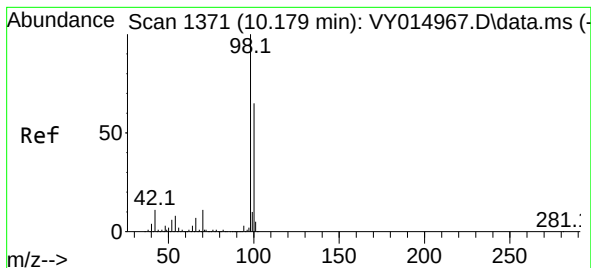
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 20.2 16.9 25.3

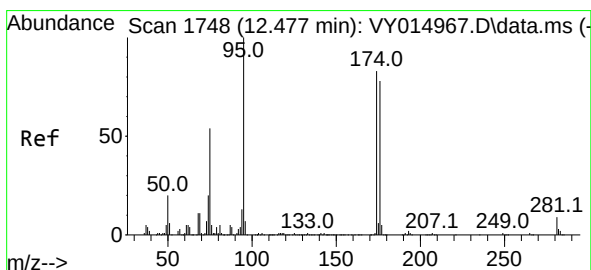
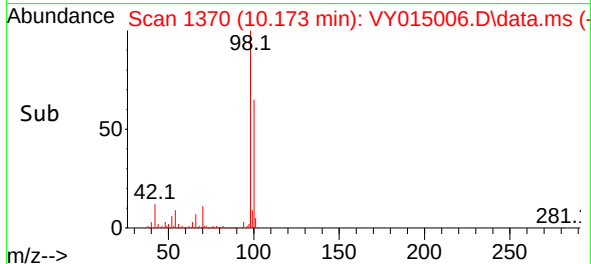
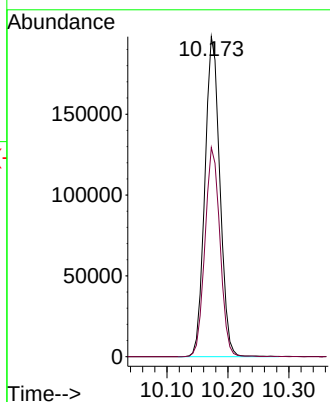
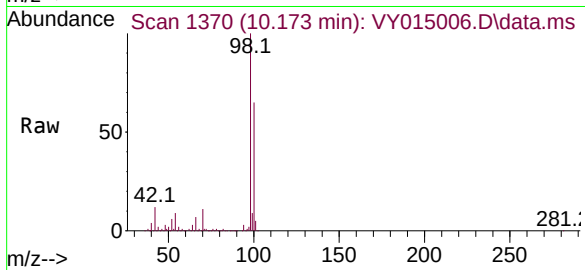




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

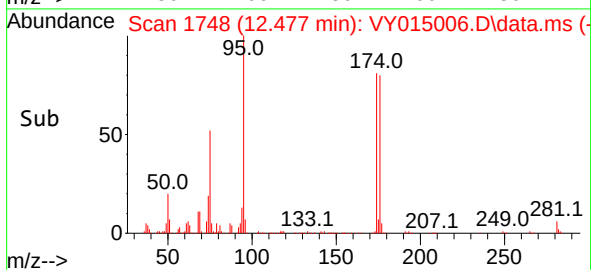
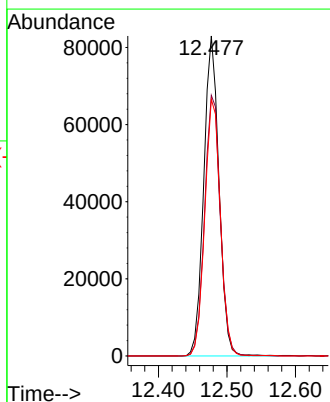
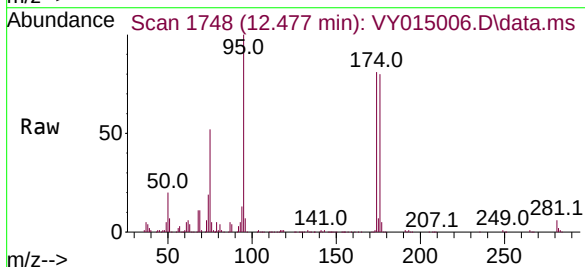
Instrument :
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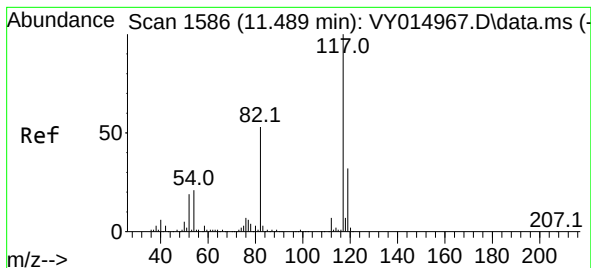
Tgt Ion: 98 Resp: 339178
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 95 Resp: 128461
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.1 0.0 173.8

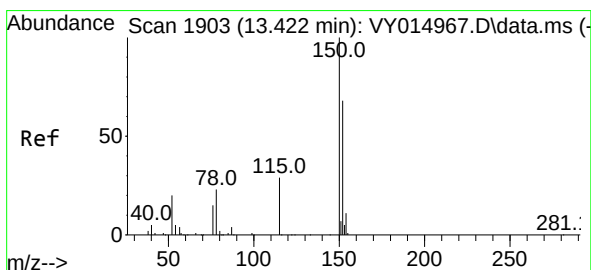
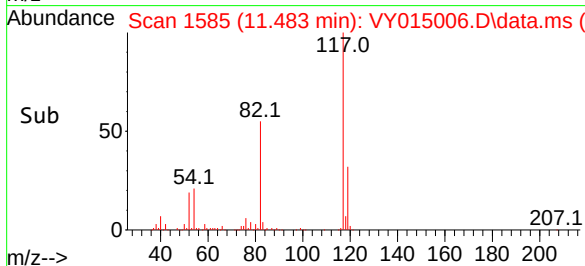
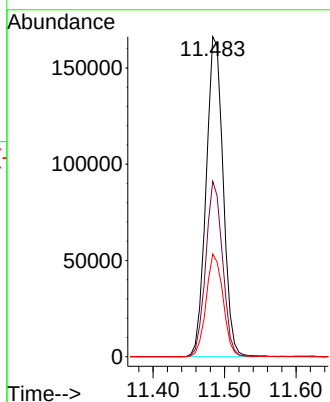
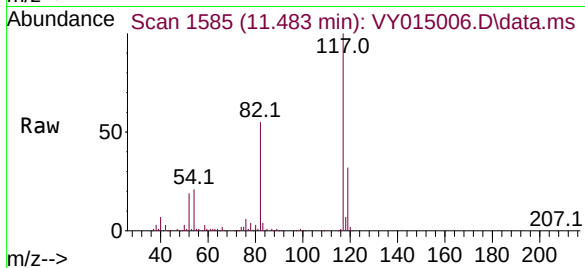




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

Tgt Ion:117 Resp: 275039
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion:152 Resp: 137668
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 155.6 0.0 348.8

