

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015396.D
 Acq On : 31 Aug 2023 12:17
 Operator : SY/MD
 Sample : 04212-03
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-OU3-DENALI-3

Quant Time: Sep 01 00:45:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77447	61.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.000%
35) Dibromofluoromethane	7.716	113	63584	55.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.179	98	234318	56.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.580%
62) 4-Bromofluorobenzene	12.483	95	74750	48.368	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.740%

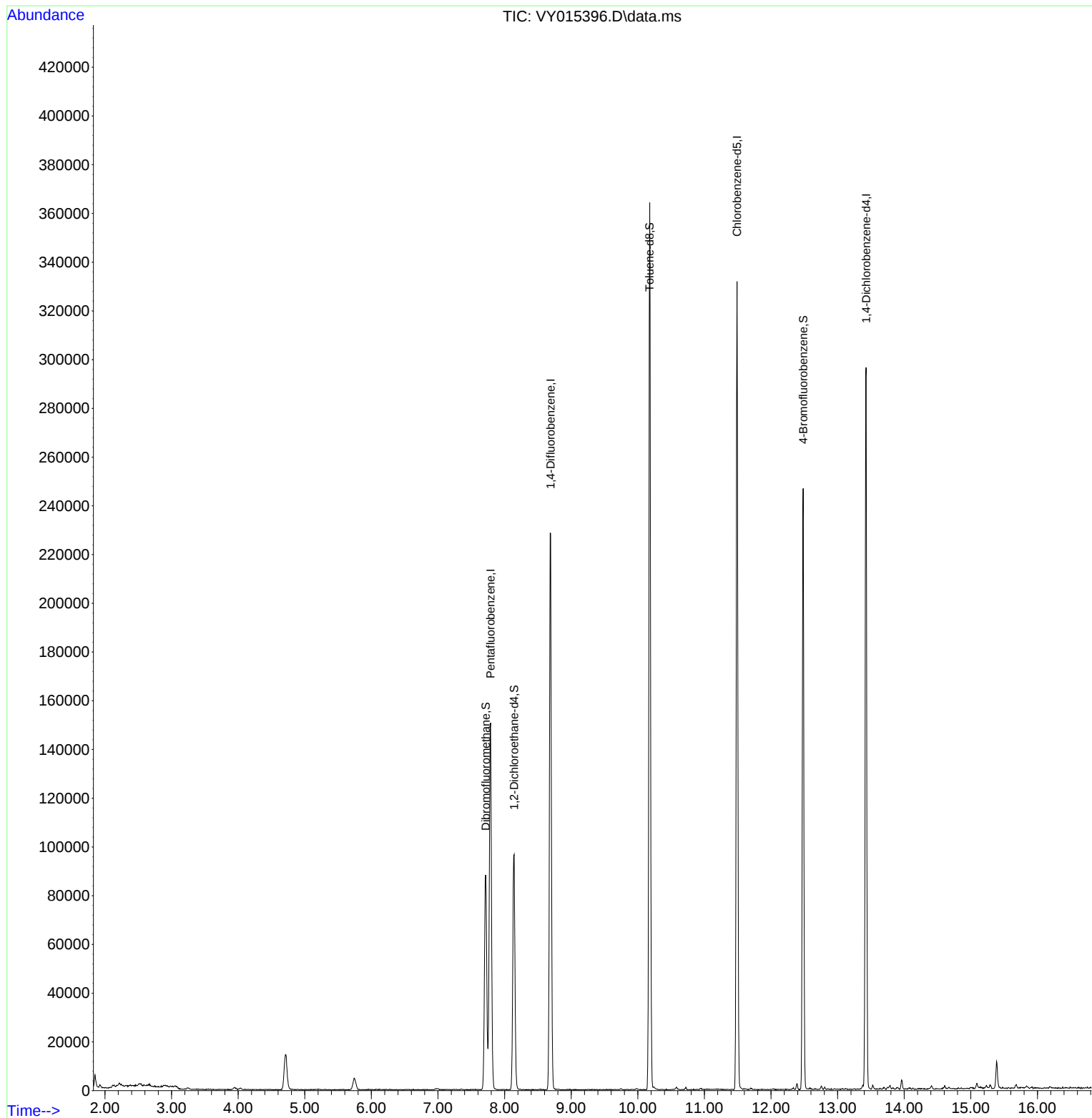
Target Compounds	Qvalue

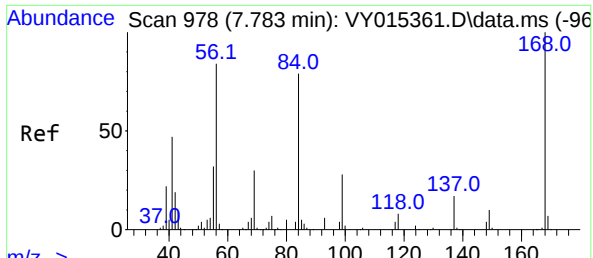
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
Data File : VY015396.D
Acq On : 31 Aug 2023 12:17
Operator : SY/MD
Sample : 04212-03
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3

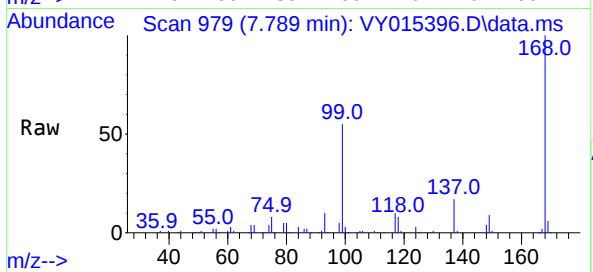
Quant Time: Sep 01 00:45:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



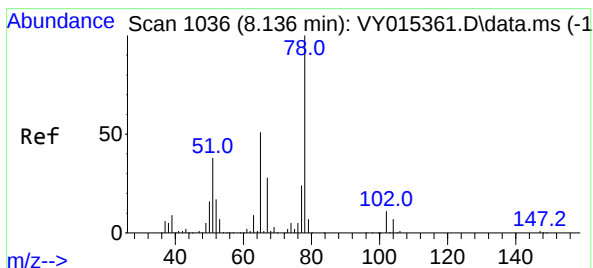
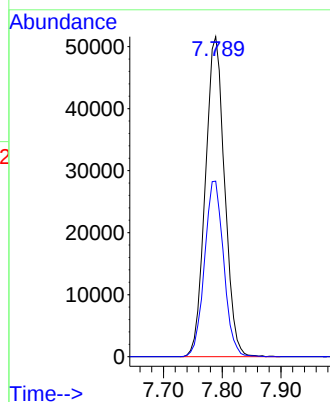
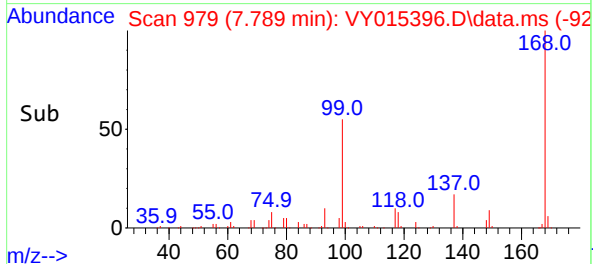


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

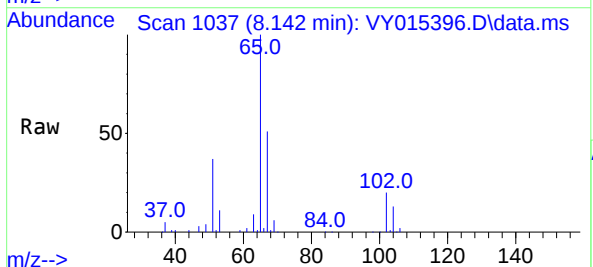
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3



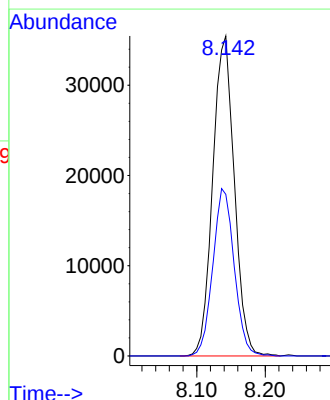
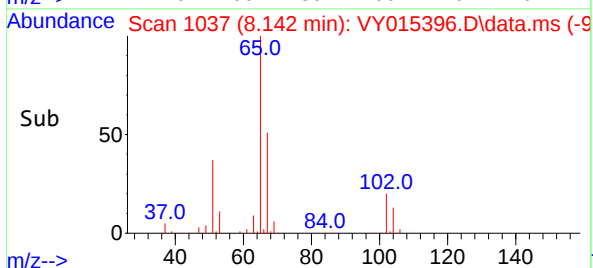
Tgt Ion:168 Resp: 117465
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

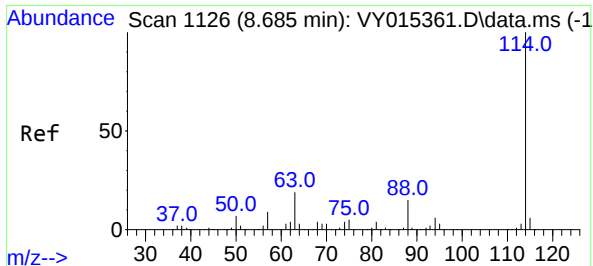


#33
1,2-Dichloroethane-d4
Concen: 61.505 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17



Tgt Ion: 65 Resp: 77447
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

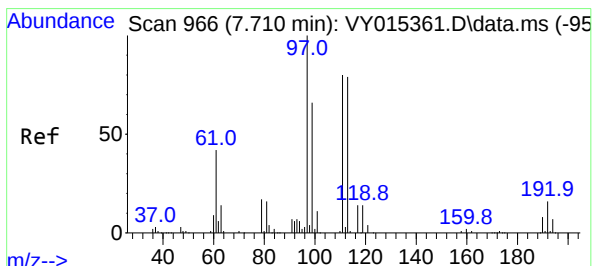
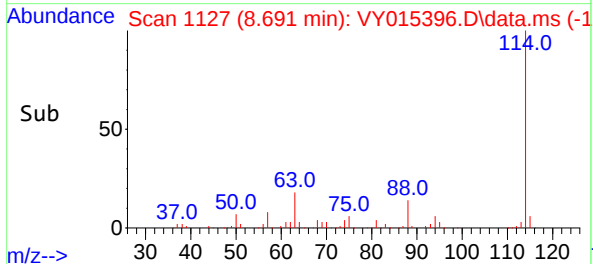
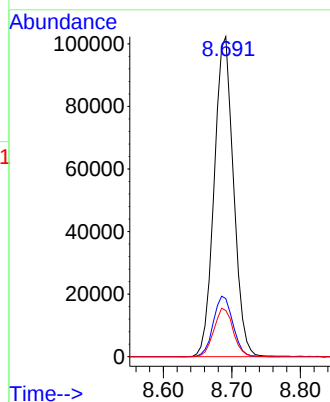
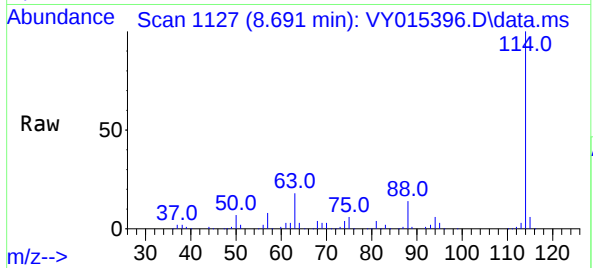




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

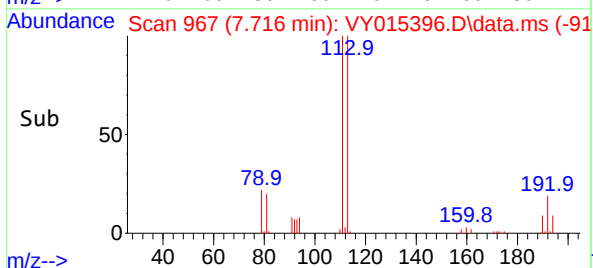
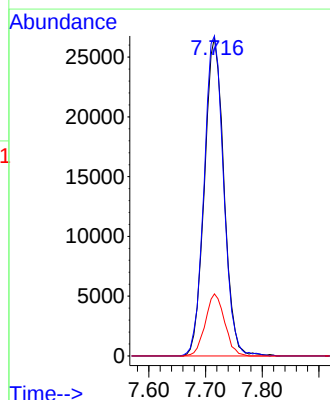
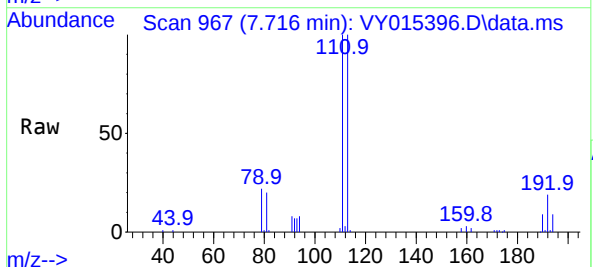
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3

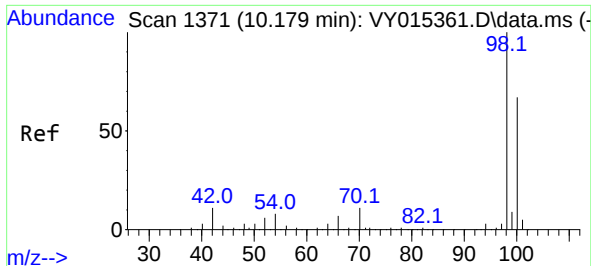
Tgt Ion:114 Resp: 199584
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.312 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

Tgt Ion:113 Resp: 63584
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.4 16.9 25.3

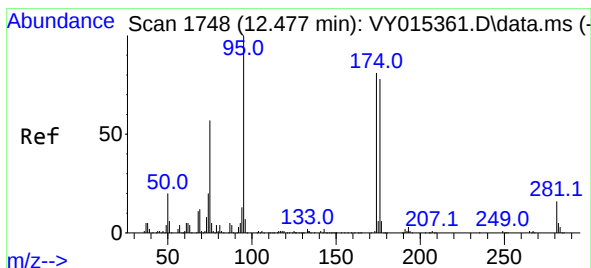
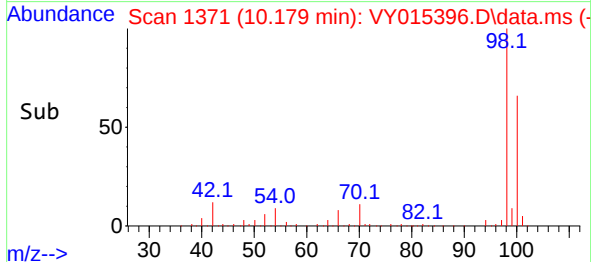
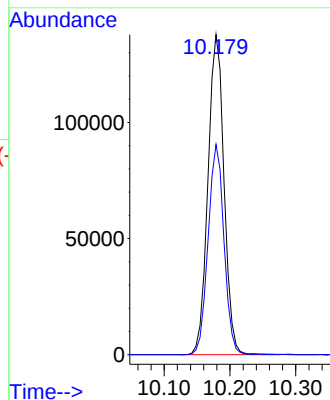
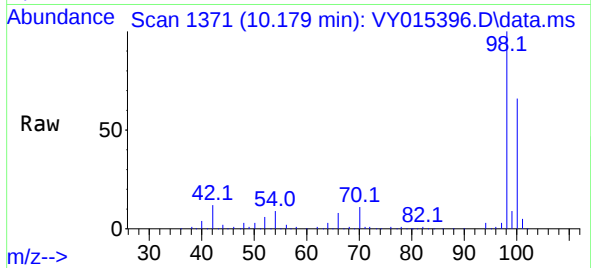




#50
Toluene-d8
Concen: 56.286 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

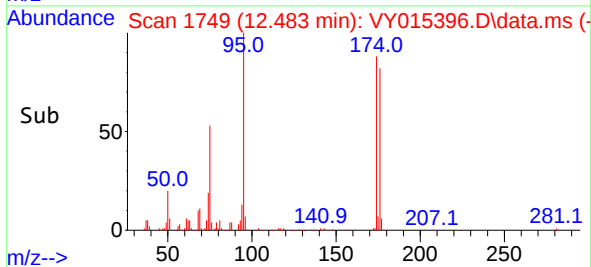
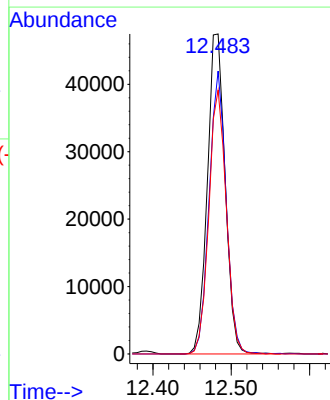
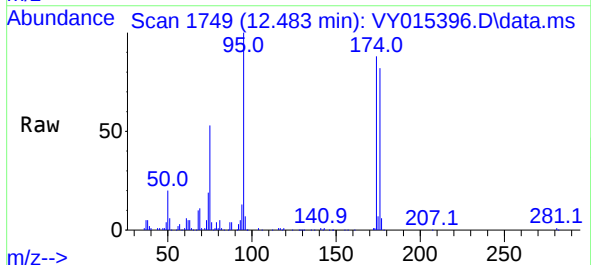
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3

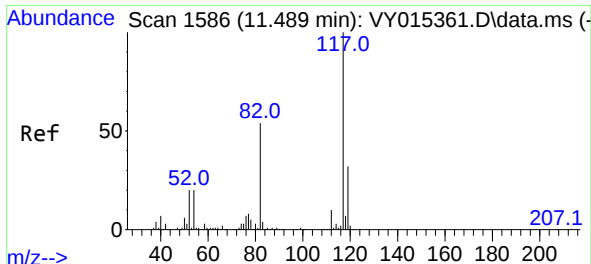
Tgt Ion: 98 Resp: 234318
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

Tgt Ion: 95 Resp: 74750
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 80.8 0.0 173.8

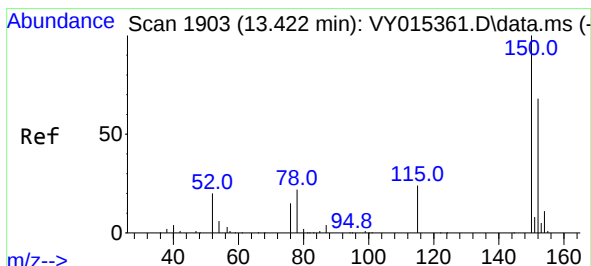
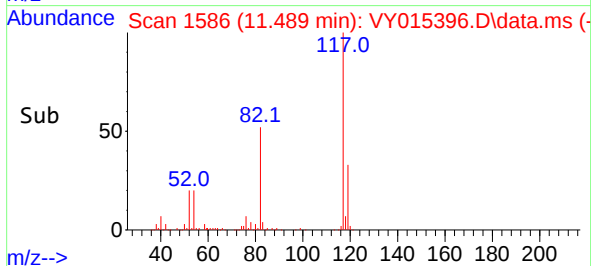
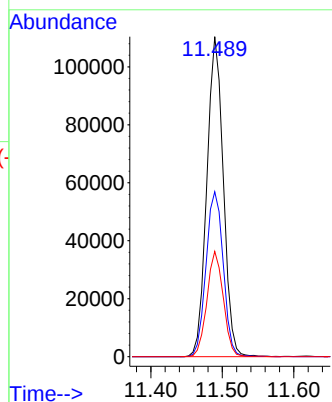
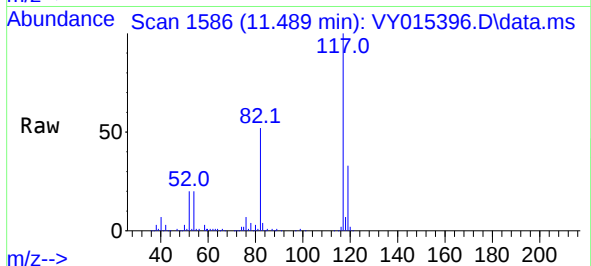




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3

Tgt Ion:117 Resp: 176755
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015396.D
Acq: 31 Aug 2023 12:17

Tgt Ion:152 Resp: 76224
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 159.1 0.0 348.8

