

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074616.D
 Acq On : 21 Oct 2022 15:26
 Operator : VA/SY
 Sample : N5224-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOILPILE-MIX

Quant Time: Oct 21 23:11:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	67953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	116984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	100960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39396	75.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.880%
35) Dibromofluoromethane	7.804	113	45938	71.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.700%
50) Toluene-d8	10.269	98	139877	59.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.480%
62) 4-Bromofluorobenzene	12.575	95	41682	62.358	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.720%

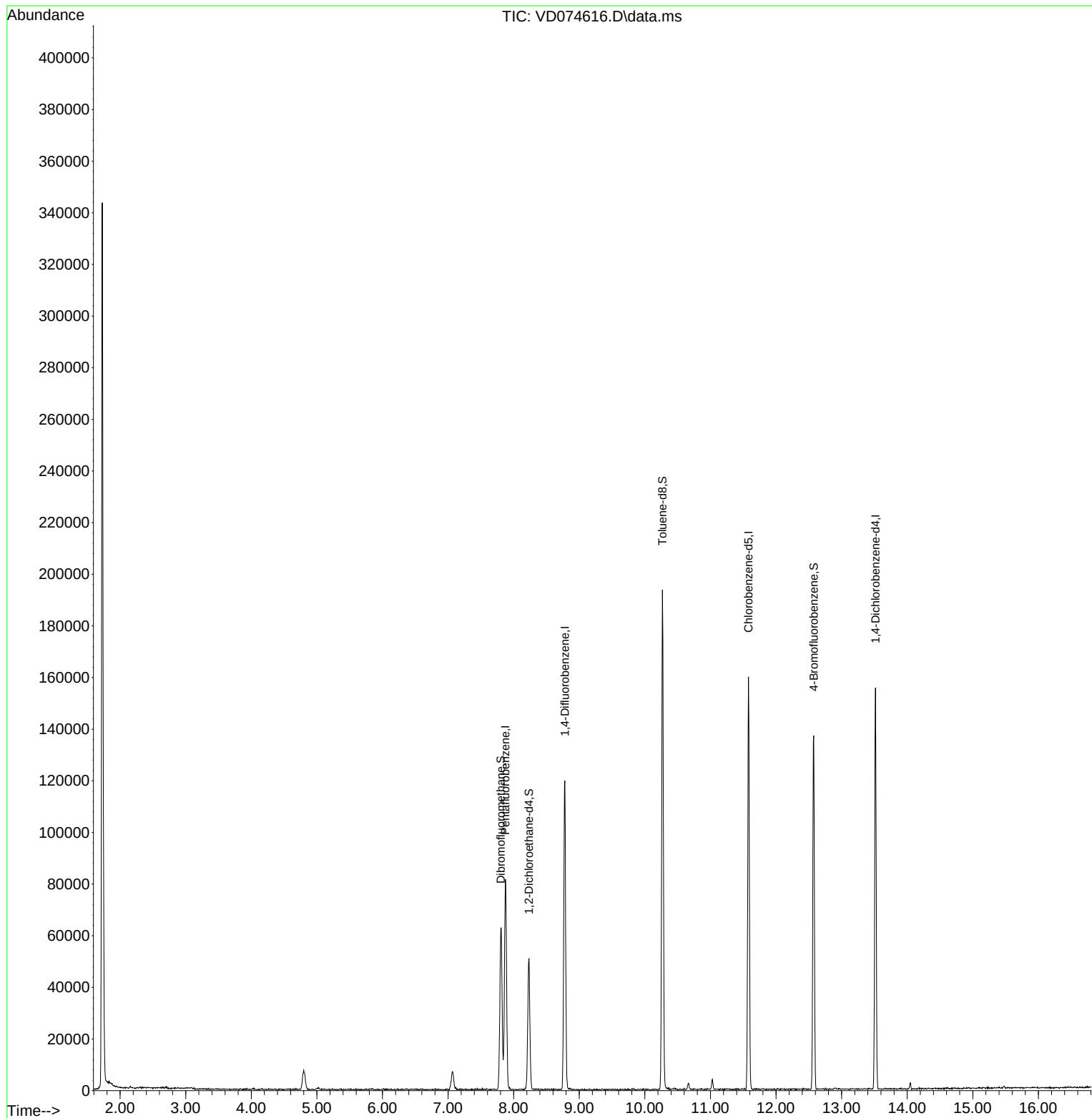
Target Compounds	Qvalue

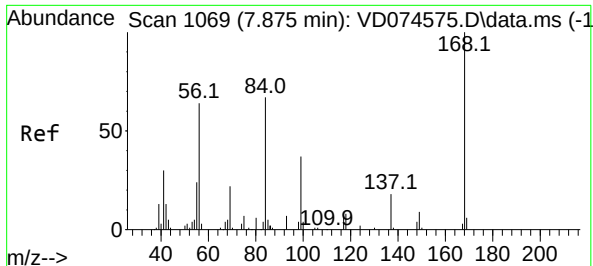
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
Data File : VD074616.D
Acq On : 21 Oct 2022 15:26
Operator : VA/SY
Sample : N5224-01
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOILPILE-MIX

Quant Time: Oct 21 23:11:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

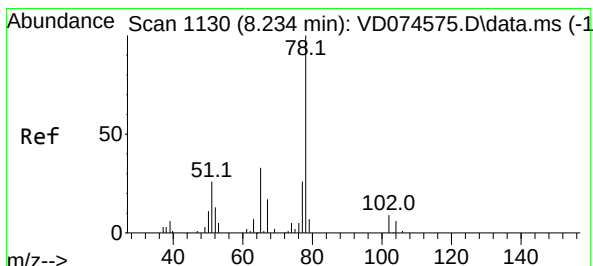
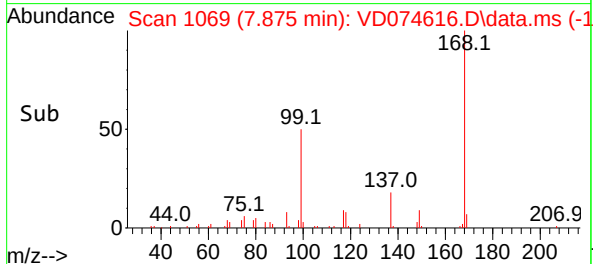
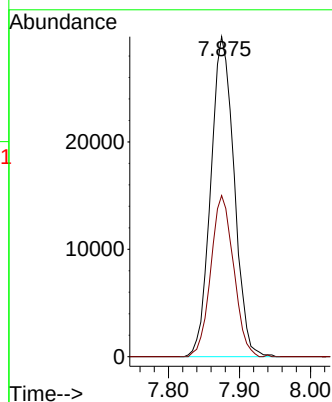
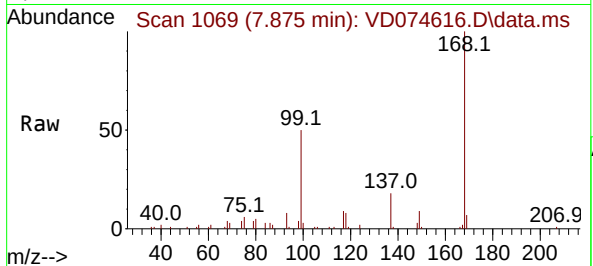




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074616.D
Acq: 21 Oct 2022 15:26

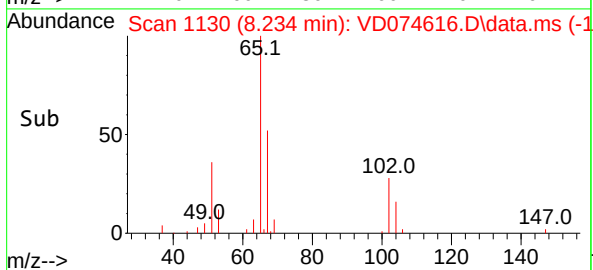
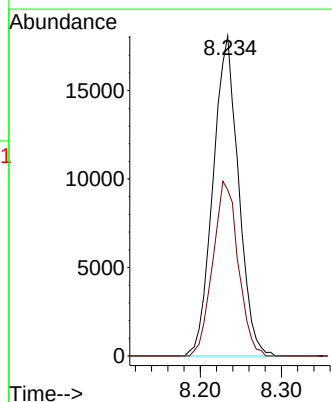
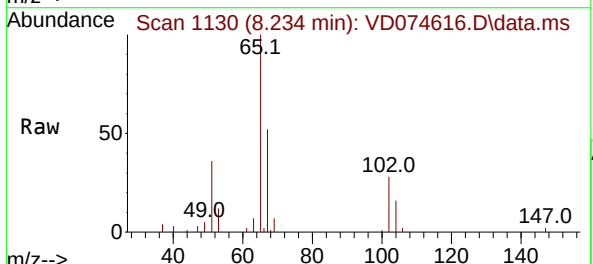
Instrument :
MSVOA_D
ClientSampleId :
SOILPILE-MIX

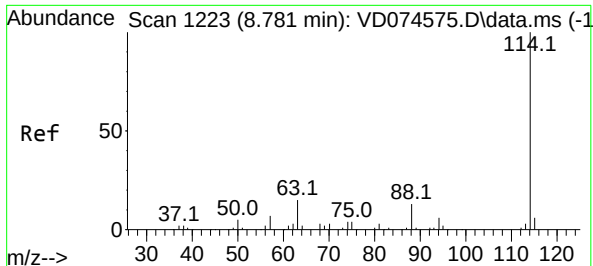
Tgt Ion:168 Resp: 67953
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 75.935 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074616.D
Acq: 21 Oct 2022 15:26

Tgt Ion: 65 Resp: 39396
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 116984

Delta R.T. 0.006 min

Lab File: VD074616.D

Acq: 21 Oct 2022 15:26

Instrument :

MSVOA_D

ClientSampleId :

SOILPILE-MIX

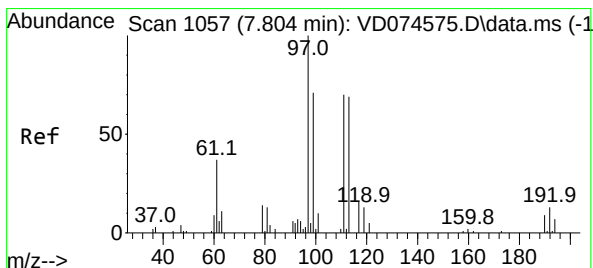
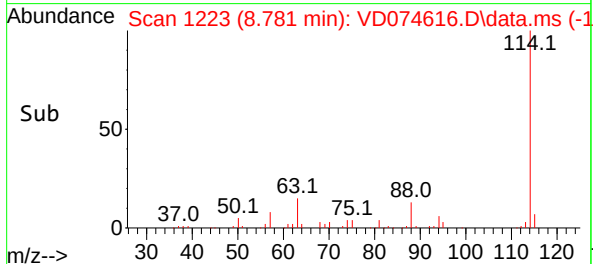
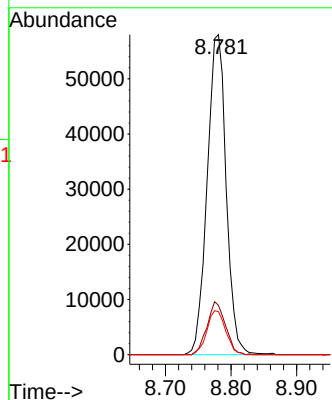
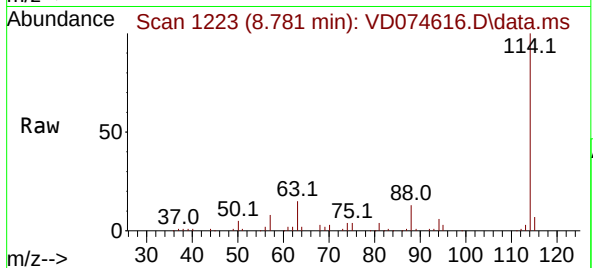
Tgt Ion:114 Resp: 116984

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 71.347 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074616.D

Acq: 21 Oct 2022 15:26

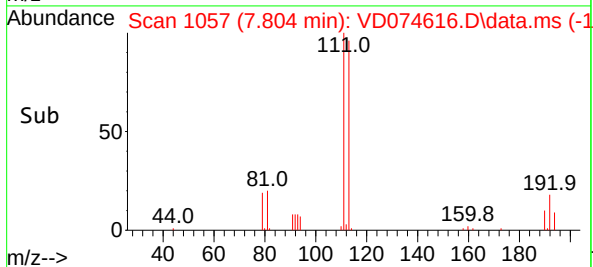
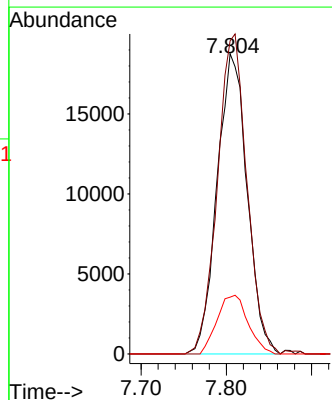
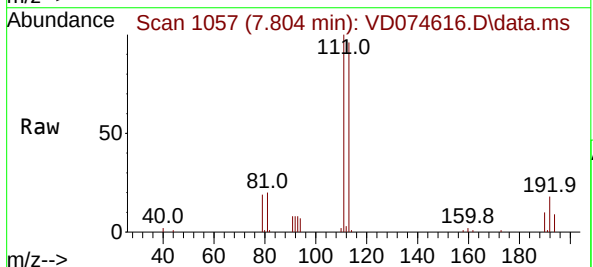
Tgt Ion:113 Resp: 45938

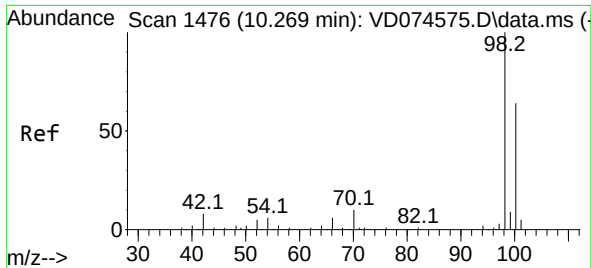
Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 20.1 16.4 24.6

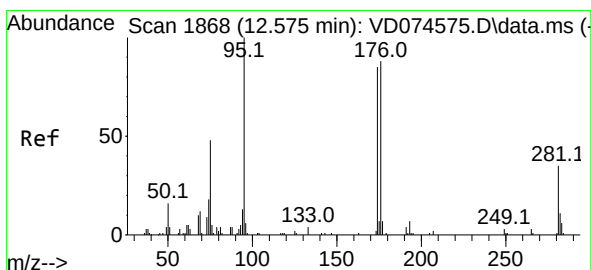
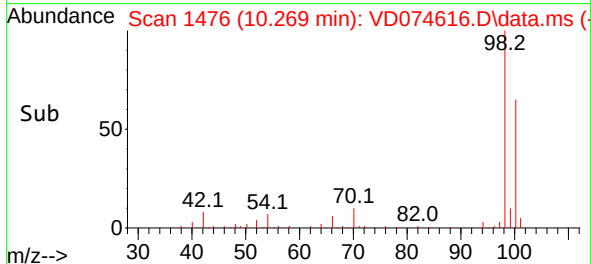
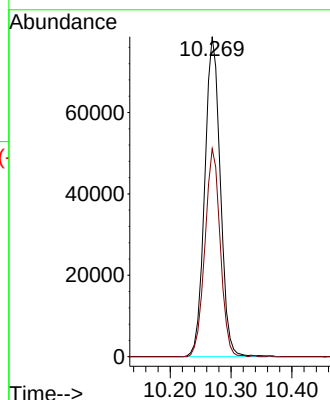
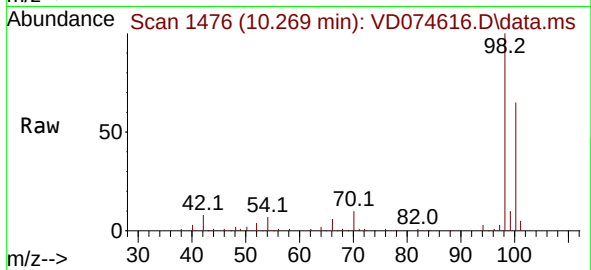




#50
Toluene-d8
Concen: 59.739 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074616.D
Acq: 21 Oct 2022 15:26

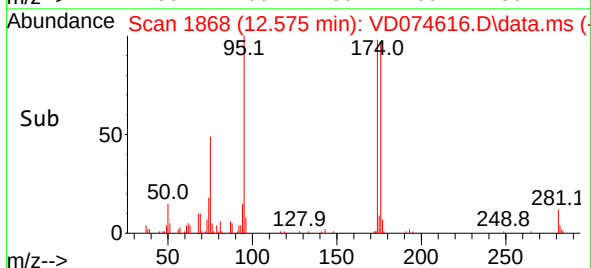
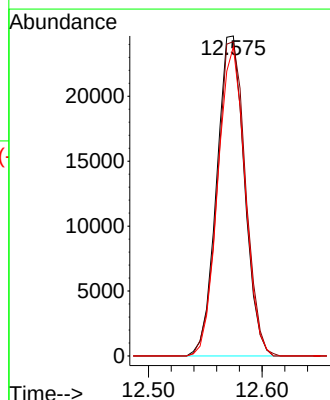
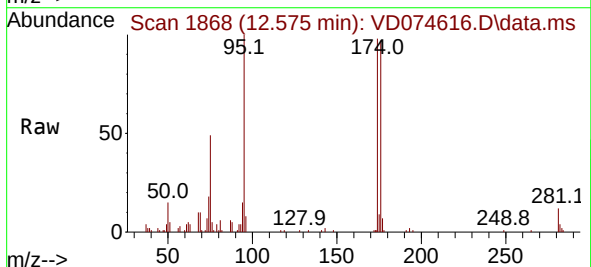
Instrument :
MSVOA_D
ClientSampleId :
SOILPILE-MIX

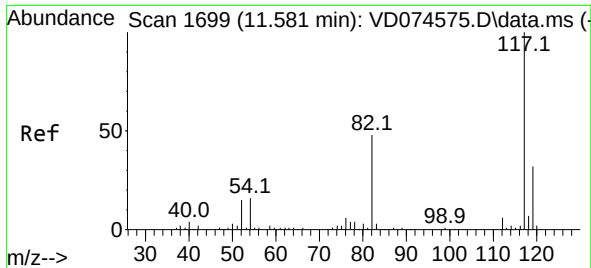
Tgt Ion: 98 Resp: 139877
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 62.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074616.D
Acq: 21 Oct 2022 15:26

Tgt Ion: 95 Resp: 41682
Ion Ratio Lower Upper
95 100
174 100.3 0.0 197.0
176 94.7 0.0 182.6

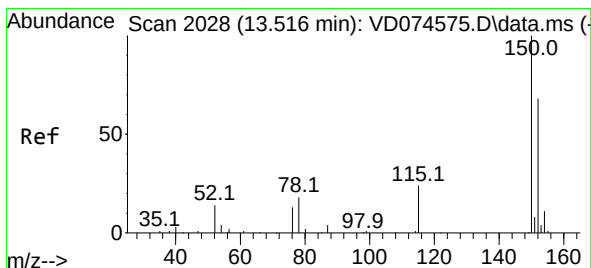
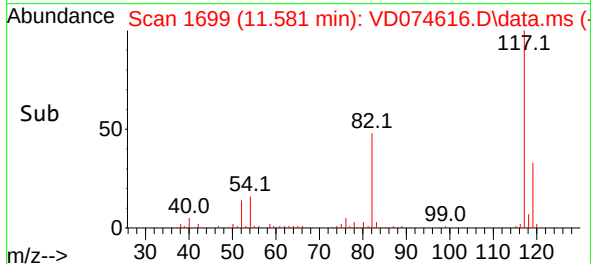
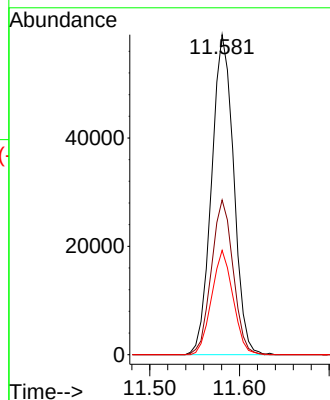
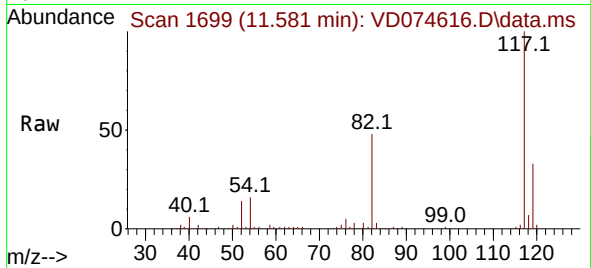




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074616.D
Acq: 21 Oct 2022 15:26

Instrument :
MSVOA_D
ClientSampleId :
SOILPILE-MIX

Tgt Ion:117 Resp: 100960
Ion Ratio Lower Upper
117 100
82 48.4 41.6 62.4
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074616.D
Acq: 21 Oct 2022 15:26

Tgt Ion:152 Resp: 44309
Ion Ratio Lower Upper
152 100
115 54.2 26.8 80.4
150 159.1 0.0 348.2

