

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071447.D
 Acq On : 23 Dec 2021 17:13
 Operator : VA/SY
 Sample : M5044-16
 Misc : 6.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-16-4.5

Quant Time: Dec 24 03:31:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

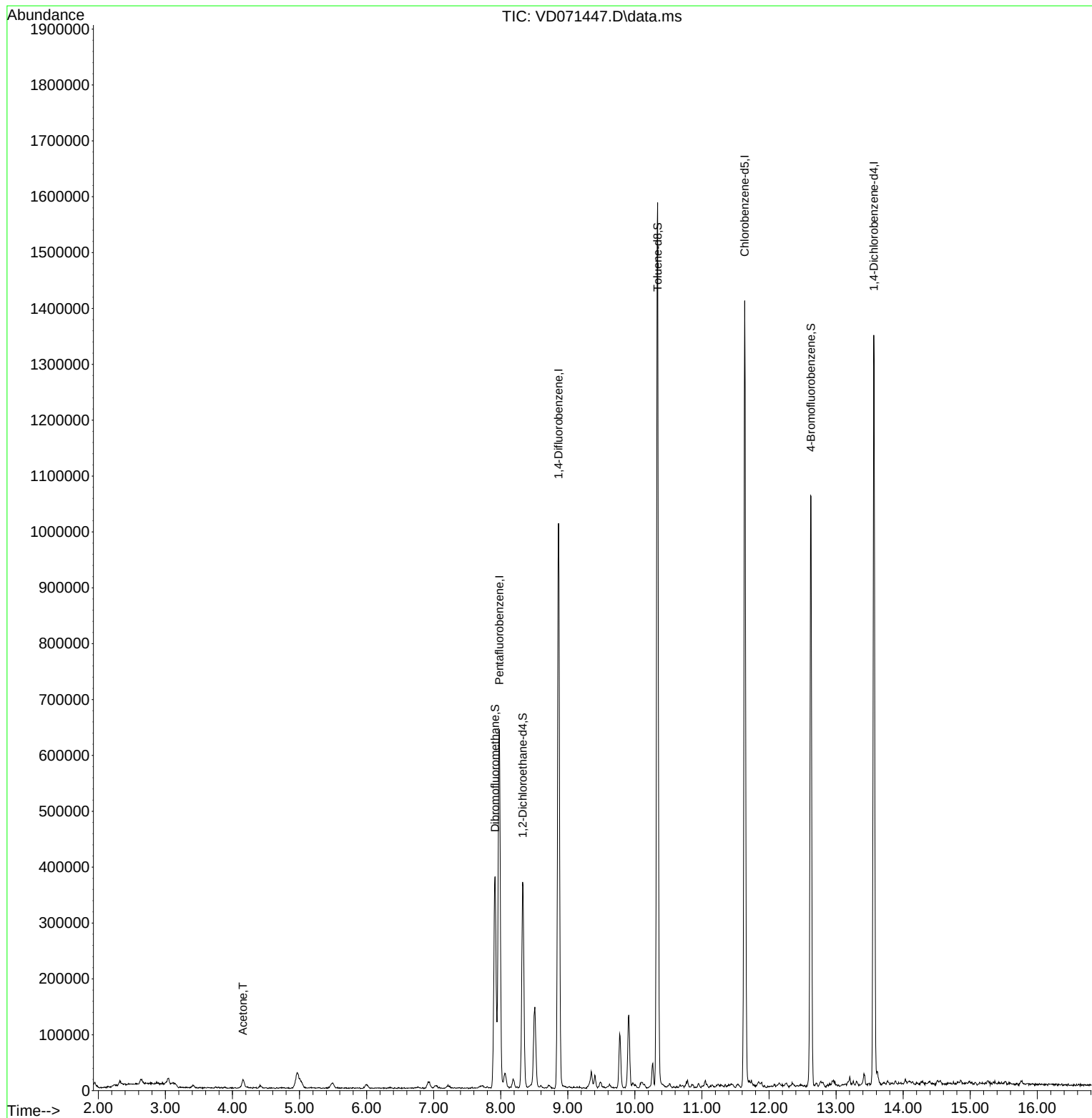
Internal Standards						
1) Pentafluorobenzene	7.979	168	448675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	815575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	293222	49.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.914	113	263388	48.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.338	98	1025710	49.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.626	95	332710	45.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.400%
Target Compounds						
16) Acetone	4.156	43	25569	17.083	ug/l	Qvalue 90

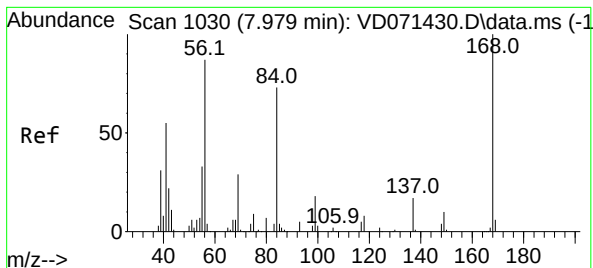
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071447.D
Acq On : 23 Dec 2021 17:13
Operator : VA/SY
Sample : M5044-16
Misc : 6.53G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

Quant Time: Dec 24 03:31:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

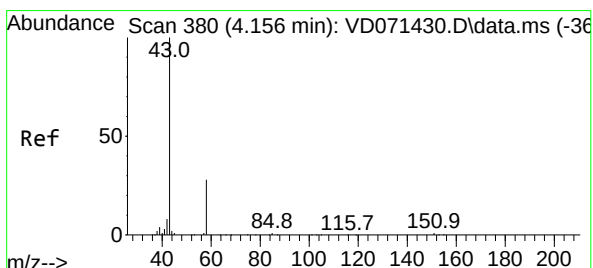
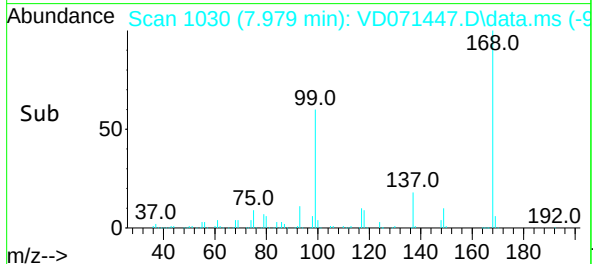
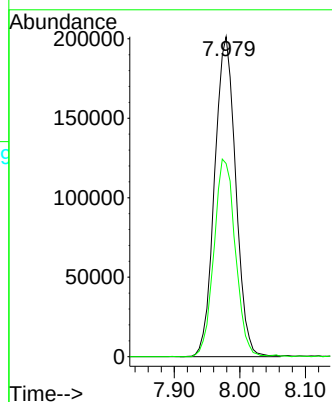
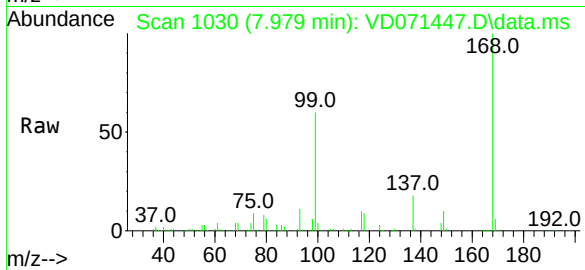




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

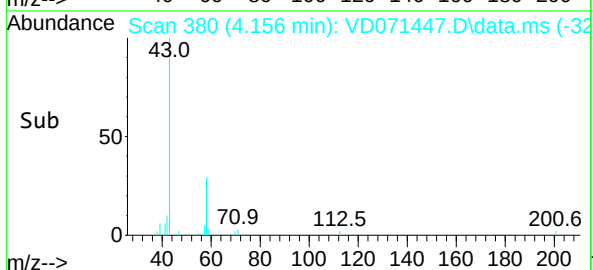
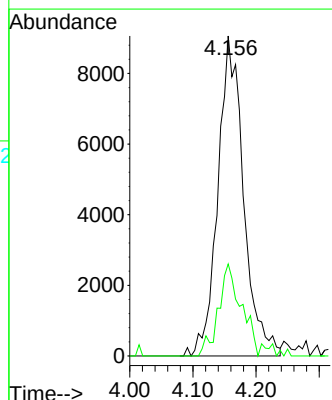
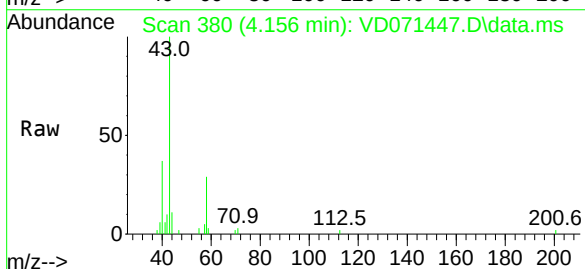
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

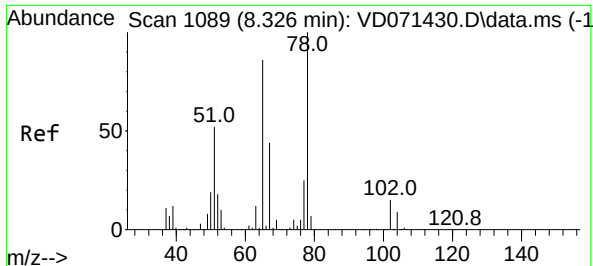
Tgt Ion:168 Resp: 448675
Ion Ratio Lower Upper
168 100
99 60.3 46.6 69.8



#16
Acetone
Concen: 17.083 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 43 Resp: 25569
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 49.208 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071447.D

Acq: 23 Dec 2021 17:13

Instrument :

MSVOA_D

ClientSampleId :

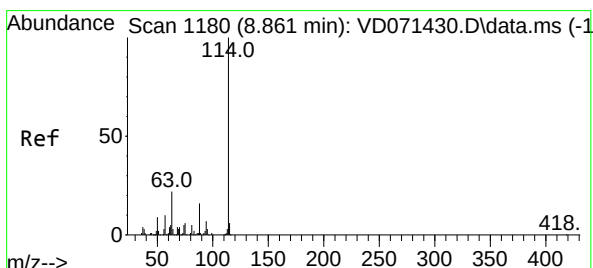
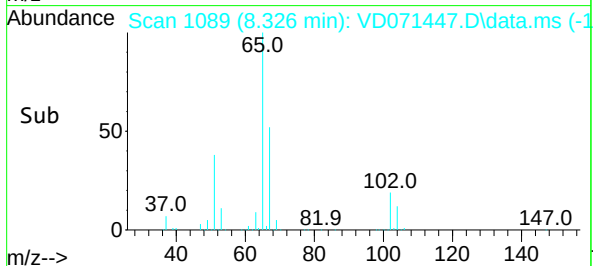
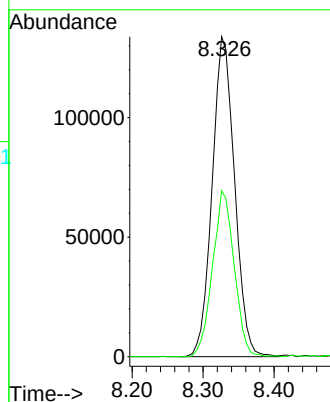
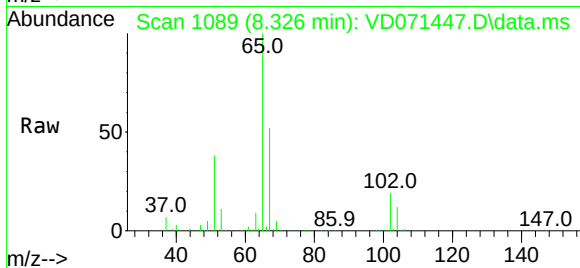
DA-16-4.5

Tgt Ion: 65 Resp: 293222

Ion Ratio Lower Upper

65 100

67 50.1 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071447.D

Acq: 23 Dec 2021 17:13

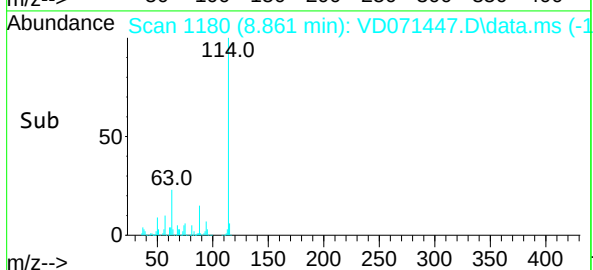
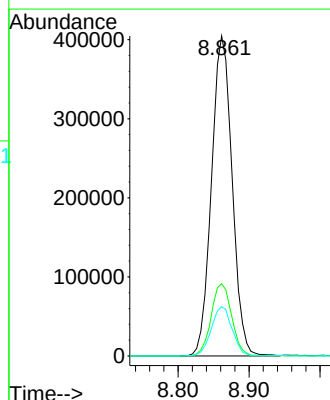
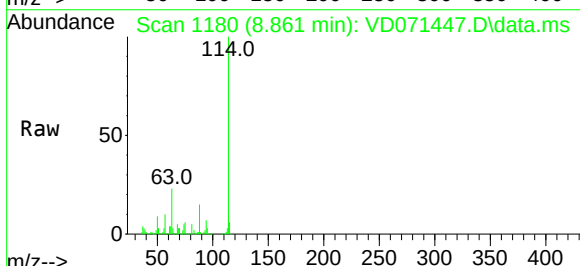
Tgt Ion: 114 Resp: 815575

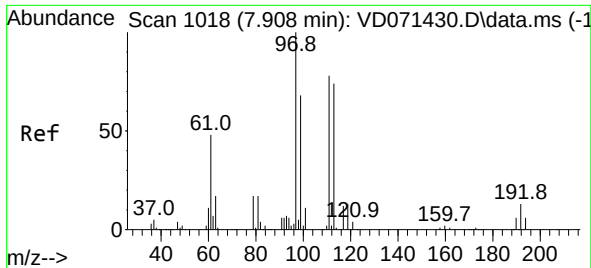
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.4 0.0 32.8

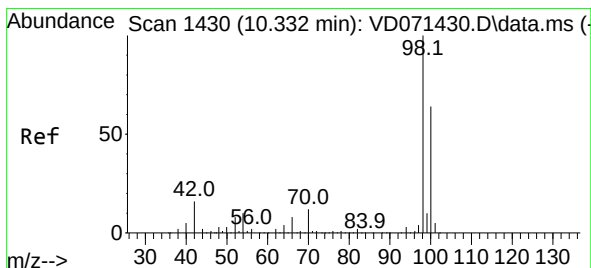
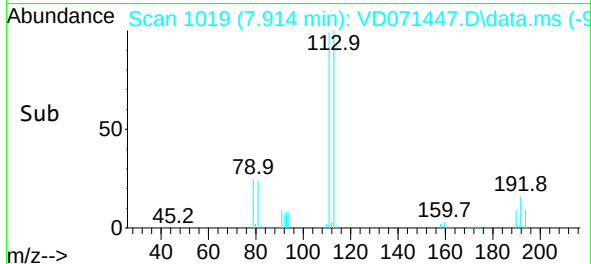
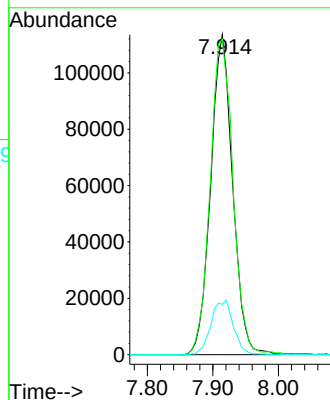
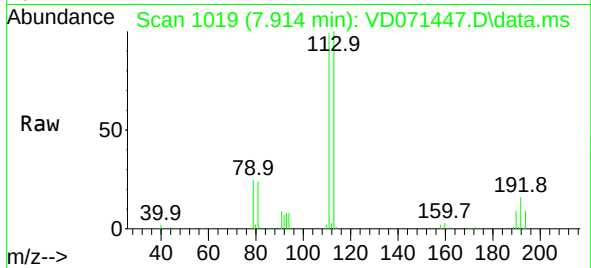




#35
Dibromofluoromethane
Concen: 48.052 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

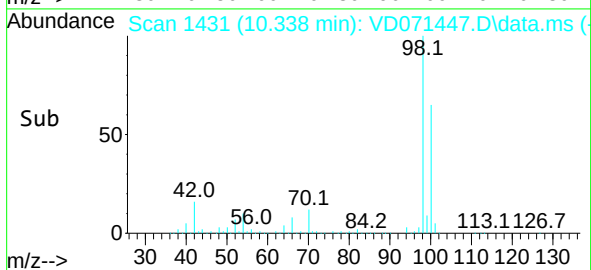
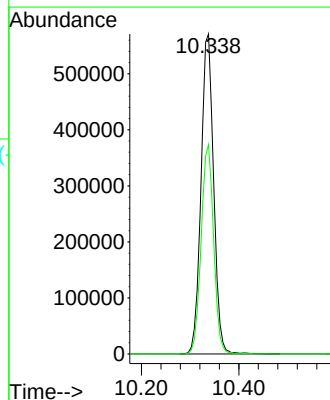
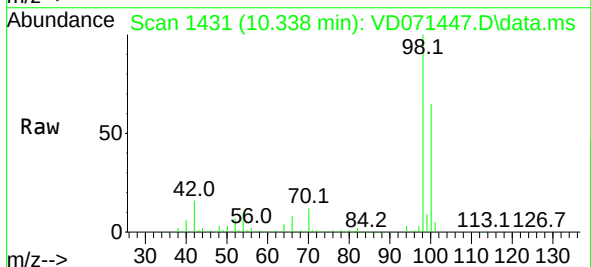
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

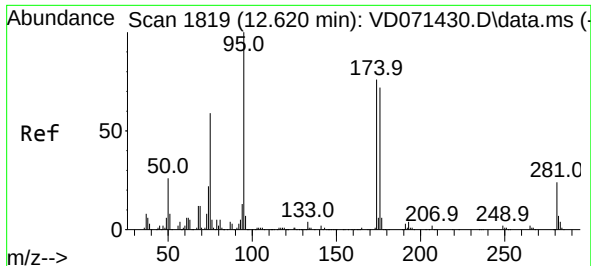
Tgt Ion:113 Resp: 263388
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 17.3 15.2 22.8



#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 98 Resp: 1025710
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

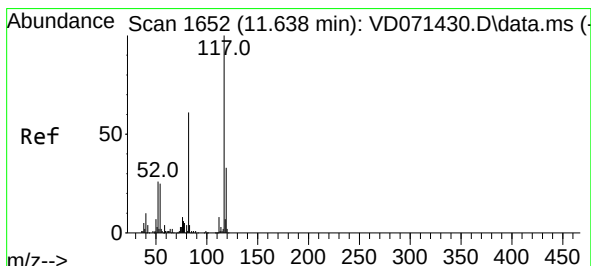
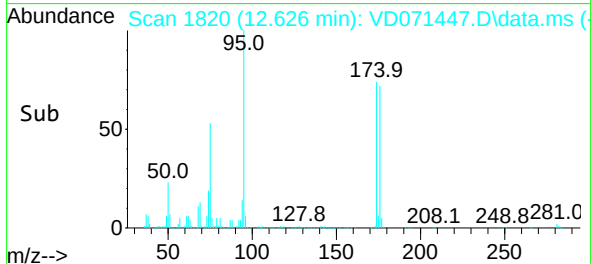
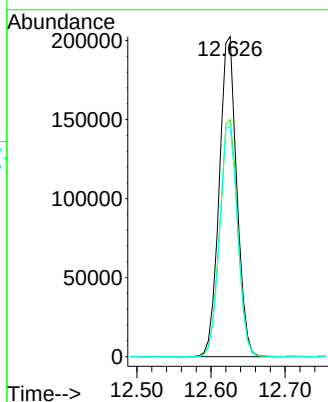
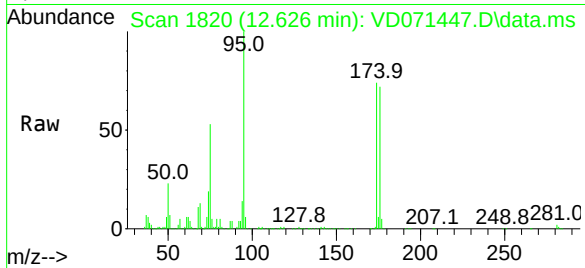




#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

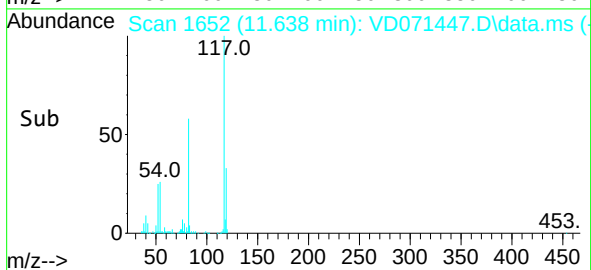
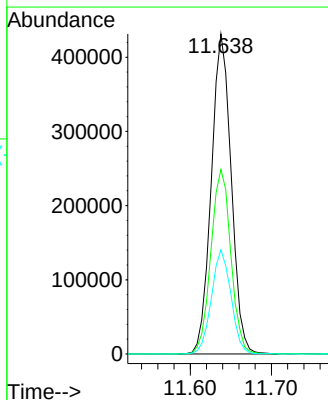
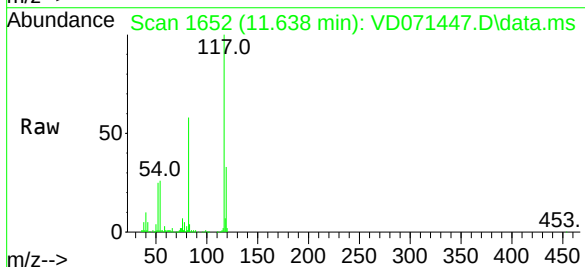
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

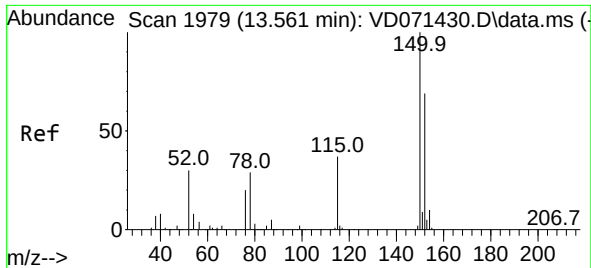
Tgt Ion: 95 Resp: 332710
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 117 Resp: 735744
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.6 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD071447.D
 Acq: 23 Dec 2021 17:13

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-16-4.5

Tgt Ion:152 Resp: 327152
 Ion Ratio Lower Upper
 152 100
 115 60.4 29.8 89.3
 150 158.2 0.0 349.2

