

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075383.D
 Acq On : 21 Feb 2023 16:22
 Operator : KP/SY
 Sample : VD0221SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBL01

Quant Time: Feb 21 17:58:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	53960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	94962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	84675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25836	55.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.811	113	26675	47.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.269	98	87527	43.022	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.040%
62) 4-Bromofluorobenzene	12.575	95	28790	42.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.280%

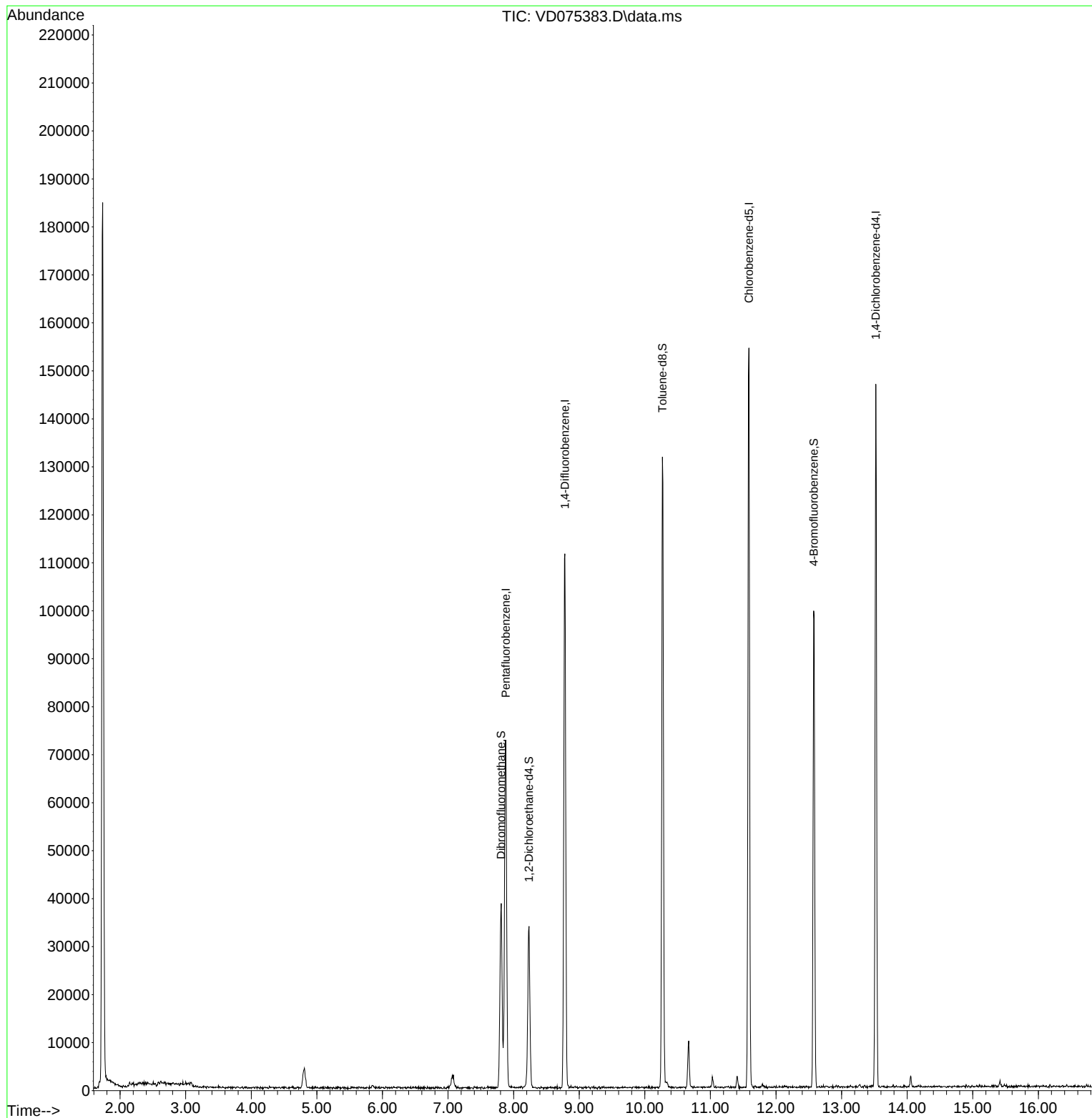
Target Compounds	Qvalue

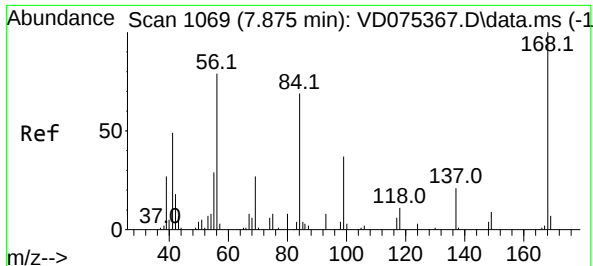
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
Data File : VD075383.D
Acq On : 21 Feb 2023 16:22
Operator : KP/SY
Sample : VD0221SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Quant Time: Feb 21 17:58:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 21 16:26:04 2023
Response via : Initial Calibration

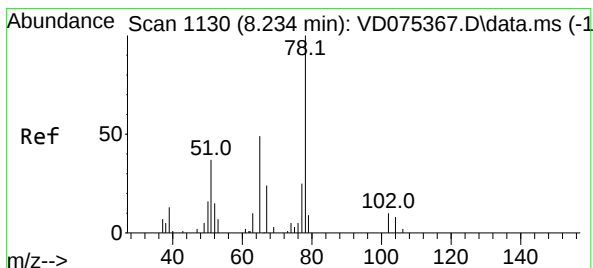
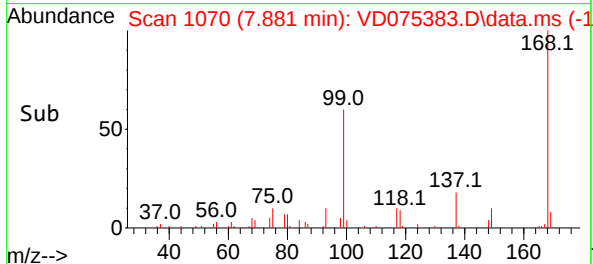
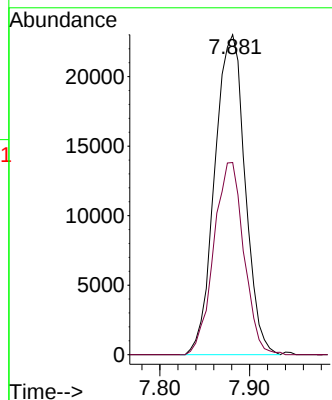
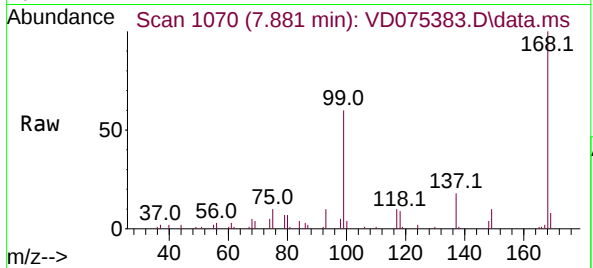




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

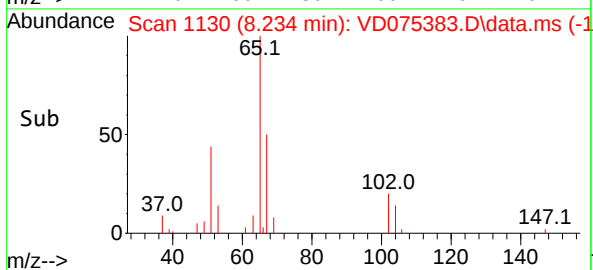
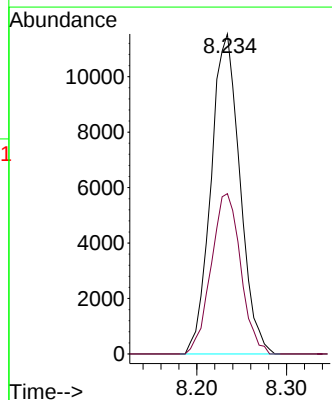
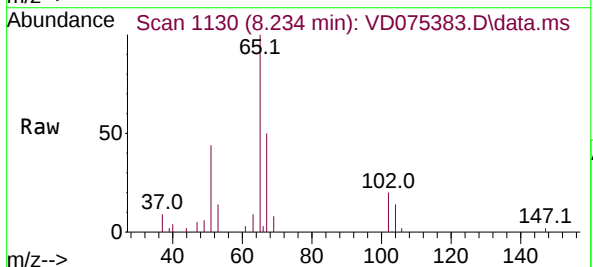
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

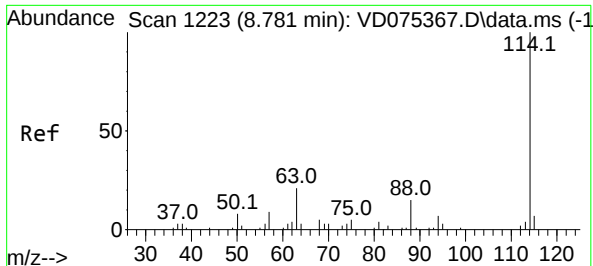
Tgt Ion:168 Resp: 53960
Ion Ratio Lower Upper
168 100
99 60.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 55.988 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion: 65 Resp: 25836
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075383.D

Acq: 21 Feb 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBL01

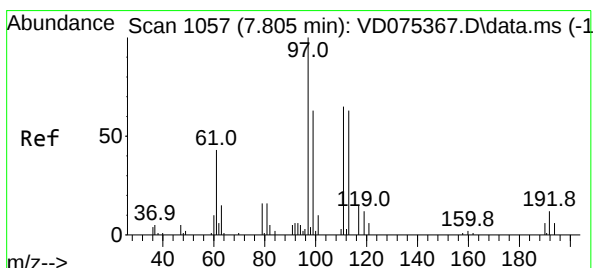
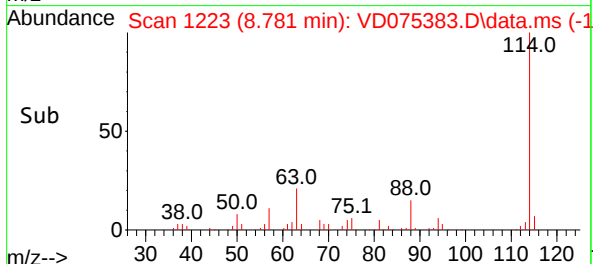
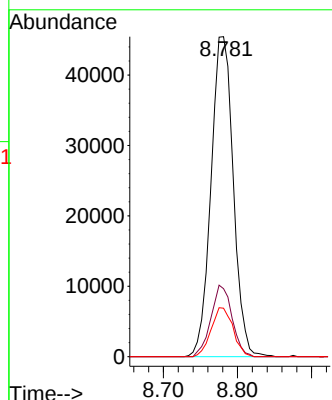
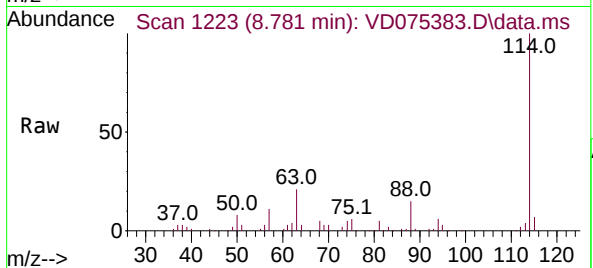
Tgt Ion:114 Resp: 94962

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.318 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075383.D

Acq: 21 Feb 2023 16:22

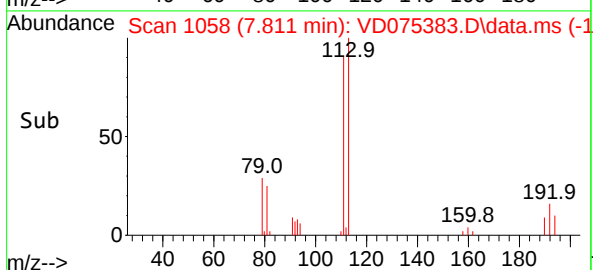
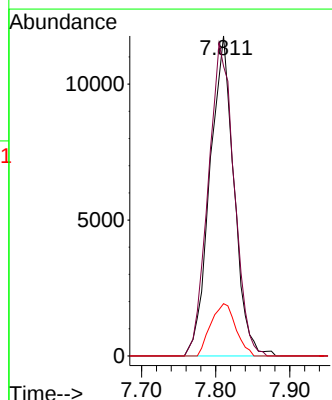
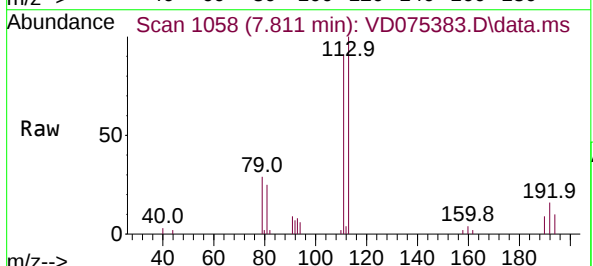
Tgt Ion:113 Resp: 26675

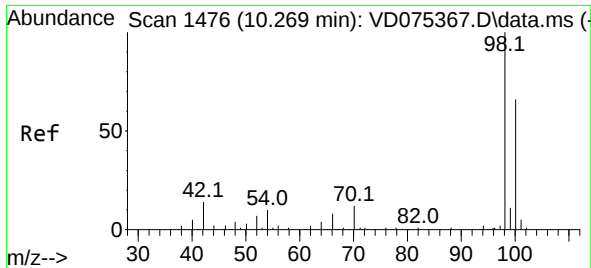
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 16.8 15.2 22.8

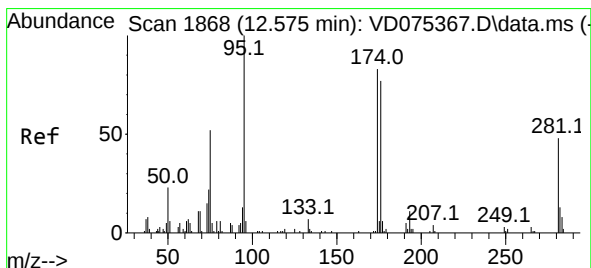
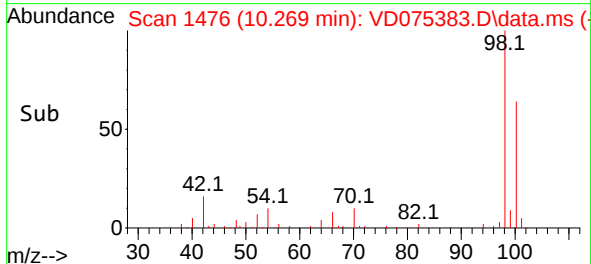
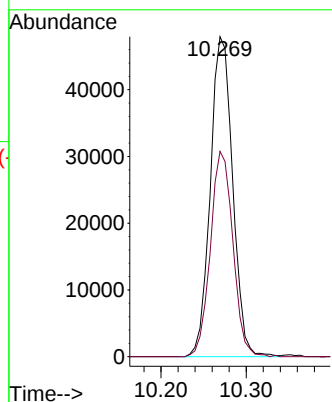
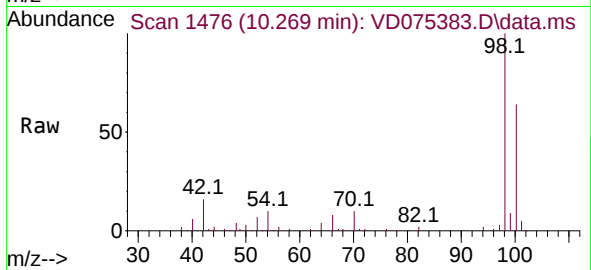




#50
Toluene-d8
Concen: 43.022 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

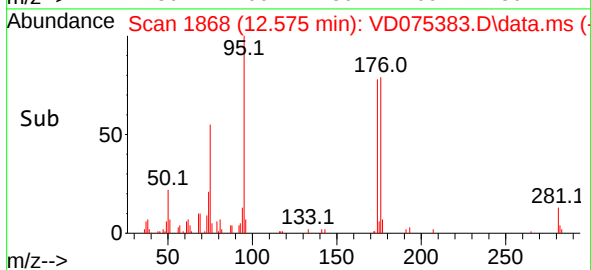
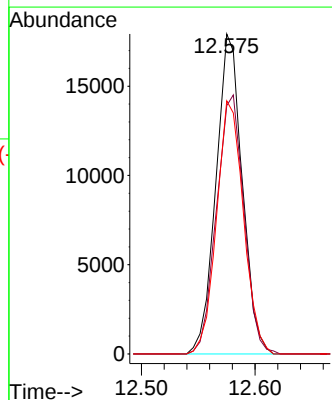
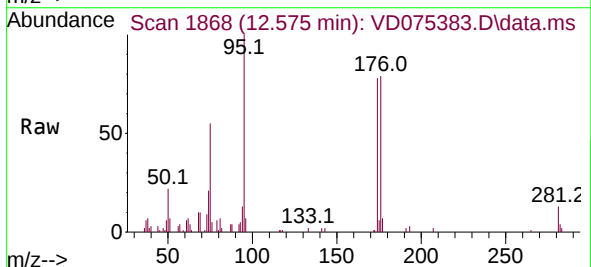
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

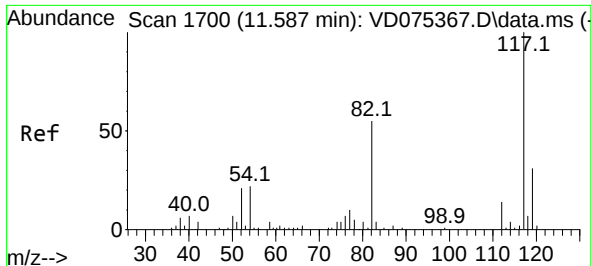
Tgt Ion: 98 Resp: 87527
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion: 95 Resp: 28790
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.0
176 81.1 0.0 156.8

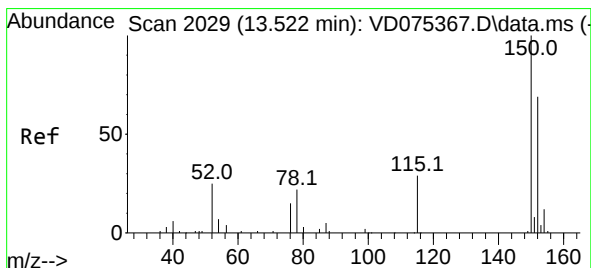
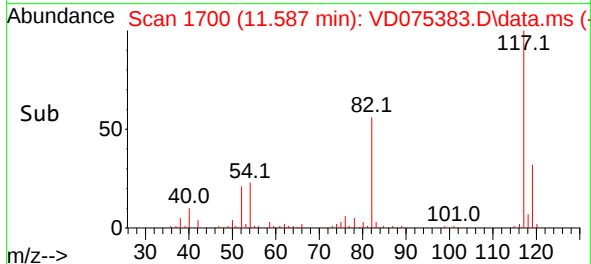
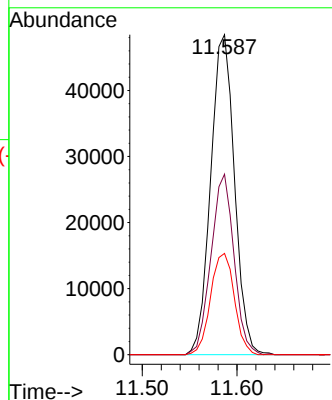
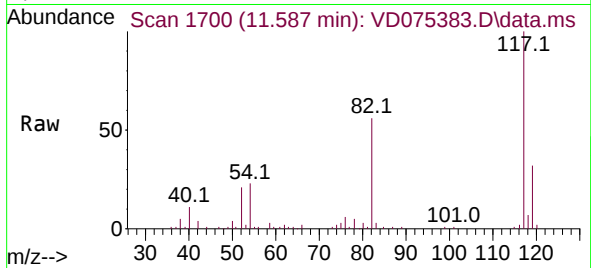




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBL01

Tgt Ion:117 Resp: 84675
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075383.D
Acq: 21 Feb 2023 16:22

Tgt Ion:152 Resp: 36696
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.3
150 159.0 0.0 364.8

