

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075641.D
 Acq On : 12 Apr 2023 15:48
 Operator : KP/SY
 Sample : 02260-12
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1D

Quant Time: Apr 13 07:28:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85969	62.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.040%
35) Dibromofluoromethane	7.805	113	107488	57.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.100%
50) Toluene-d8	10.269	98	361706	49.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.575	95	88275	40.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.920%

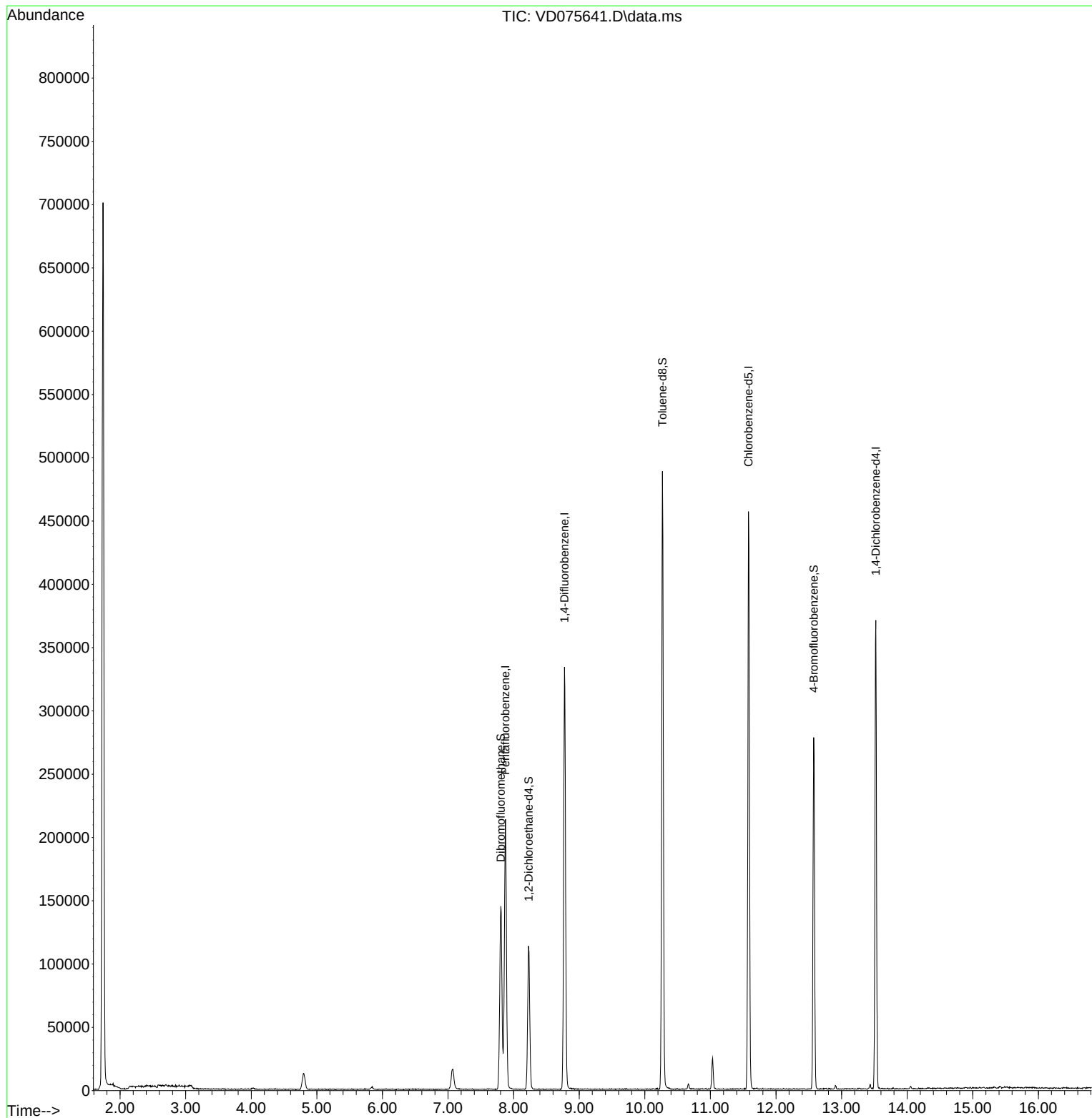
Target Compounds	Qvalue

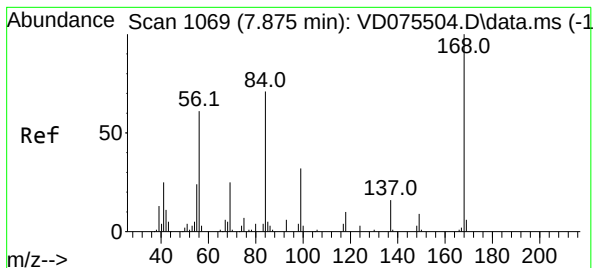
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
Data File : VD075641.D
Acq On : 12 Apr 2023 15:48
Operator : KP/SY
Sample : 02260-12
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-1D

Quant Time: Apr 13 07:28:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 2023
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: VD075641.D

Acq: 12 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

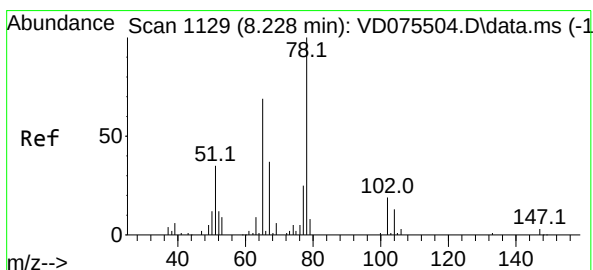
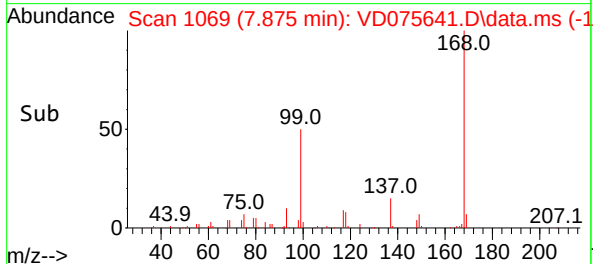
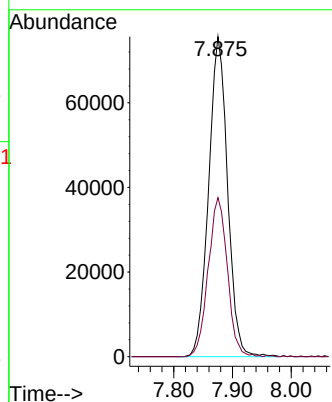
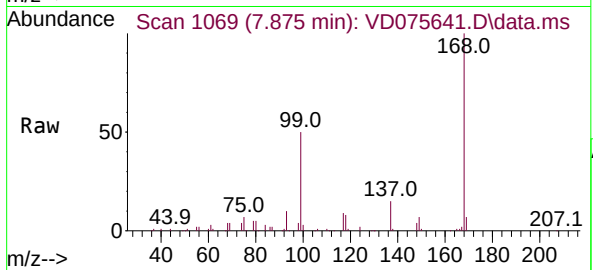
SP-1D

Tgt Ion:168 Resp: 168981

Ion Ratio Lower Upper

168 100

99 49.7 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 62.016 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075641.D

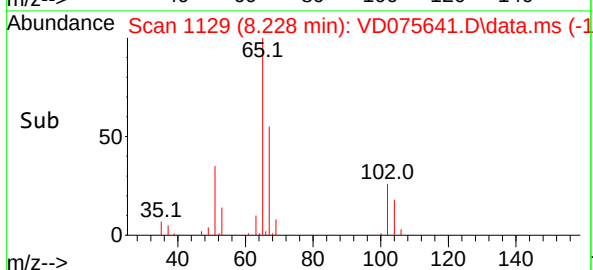
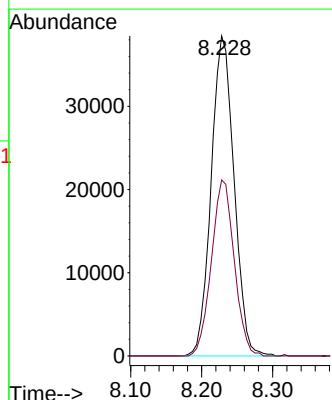
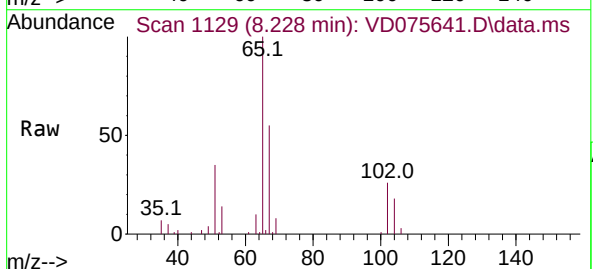
Acq: 12 Apr 2023 15:48

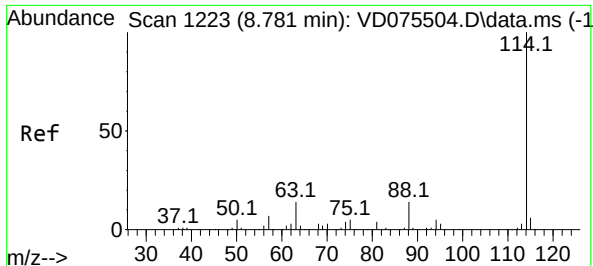
Tgt Ion: 65 Resp: 85969

Ion Ratio Lower Upper

65 100

67 54.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075641.D

Acq: 12 Apr 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

SP-1D

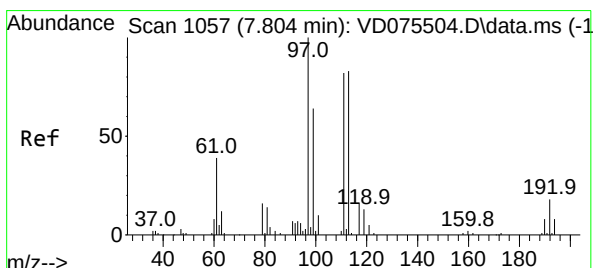
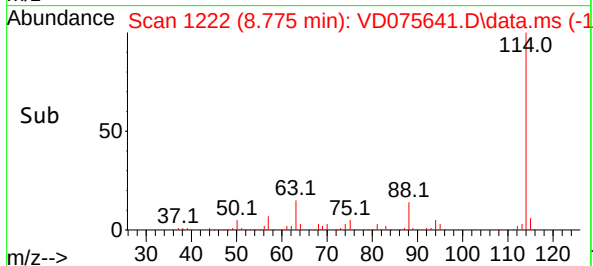
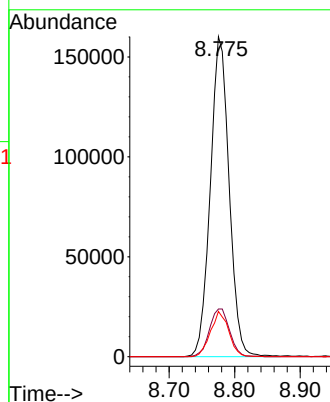
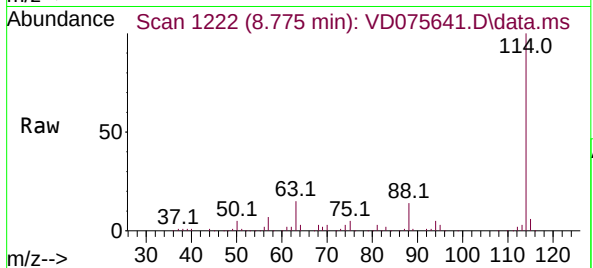
Tgt Ion:114 Resp: 318707

Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.548 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075641.D

Acq: 12 Apr 2023 15:48

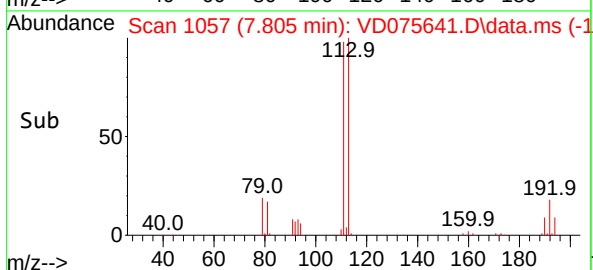
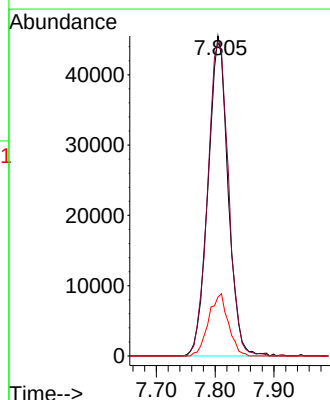
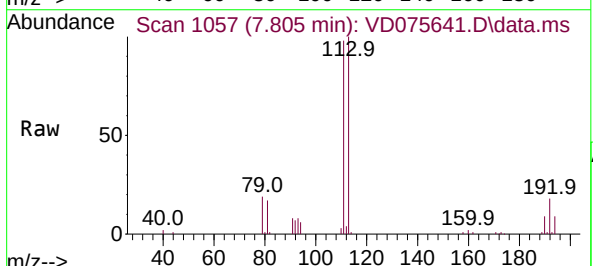
Tgt Ion:113 Resp: 107488

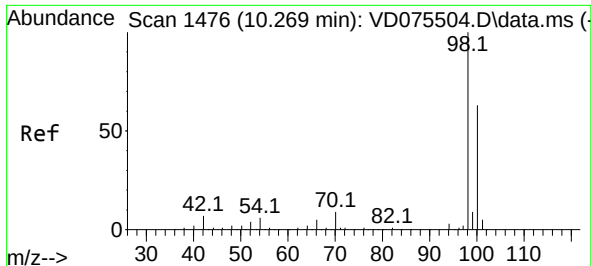
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 19.2 15.2 22.8

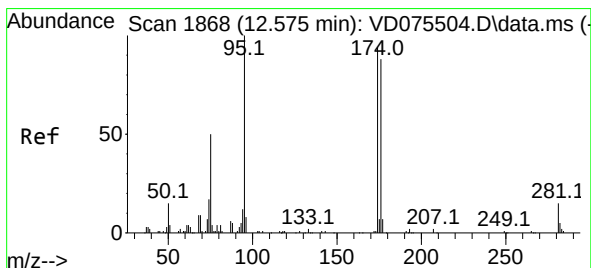
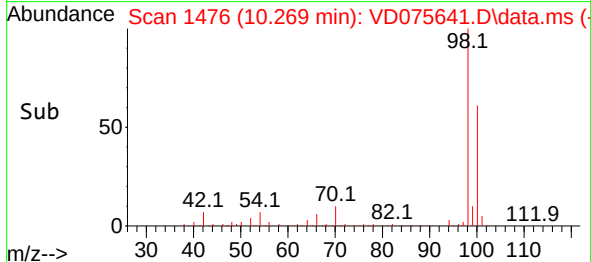
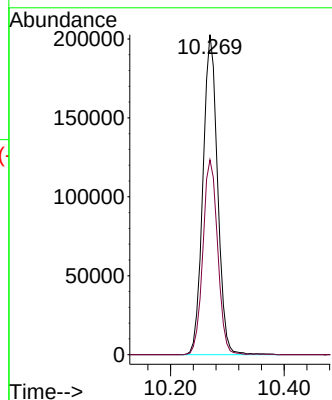
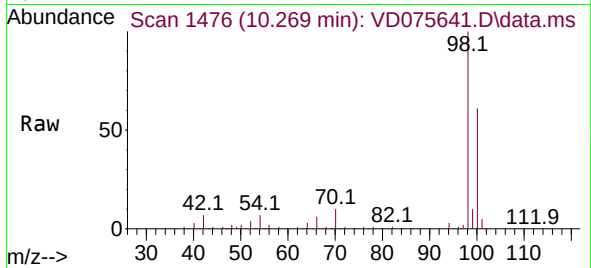




#50
Toluene-d8
Concen: 49.371 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

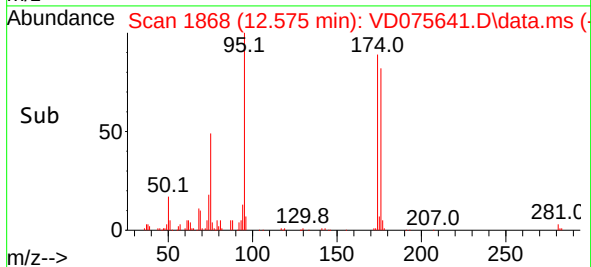
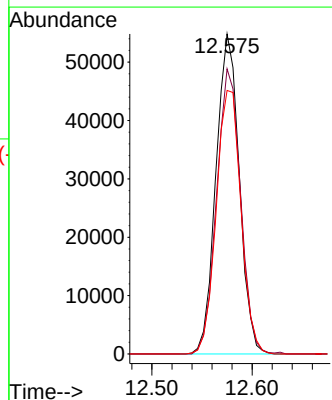
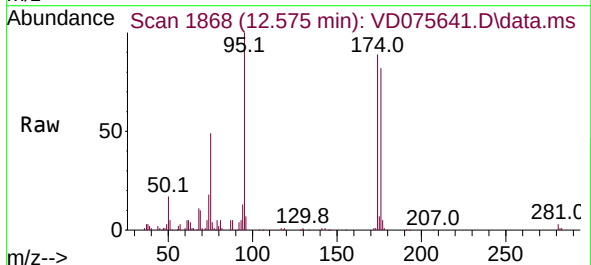
Instrument :
MSVOA_D
ClientSampleId :
SP-1D

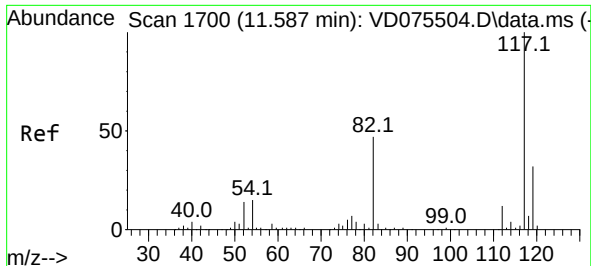
Tgt Ion: 98 Resp: 361706
Ion Ratio Lower Upper
98 100
100 61.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.957 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Tgt Ion: 95 Resp: 88275
Ion Ratio Lower Upper
95 100
174 91.5 0.0 164.0
176 87.7 0.0 156.8

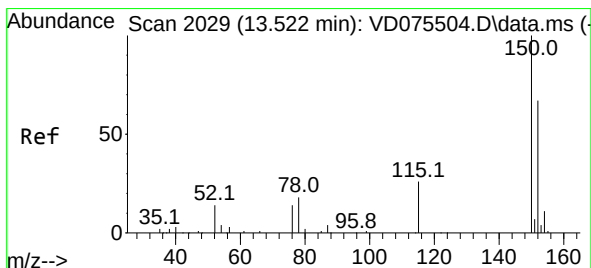
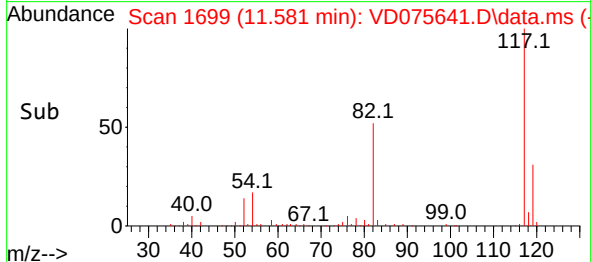
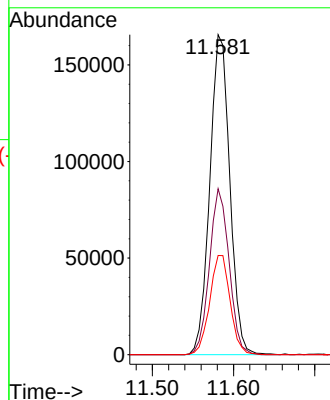
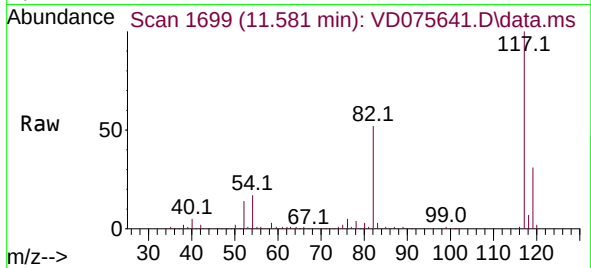




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075641.D
Acq: 12 Apr 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :
SP-1D

Tgt Ion:117 Resp: 283431
Ion Ratio Lower Upper
117 100
82 51.8 44.0 66.0
119 31.0 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: VD075641.D
Acq: 12 Apr 2023 15:48

Tgt Ion:152 Resp: 106539
Ion Ratio Lower Upper
152 100
115 54.5 30.1 90.3
150 155.4 0.0 364.8

