

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075403.D
 Acq On : 22 Feb 2023 17:15
 Operator : KP/SY
 Sample : 01645-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-352

Quant Time: Feb 22 22:39:19 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	7.875	168	55179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	101867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	103778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31062	66.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.840%
35) Dibromofluoromethane	7.810	113	33977	56.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.380%
50) Toluene-d8	10.269	98	129066	59.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.280%
62) 4-Bromofluorobenzene	12.575	95	41696	56.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.800%

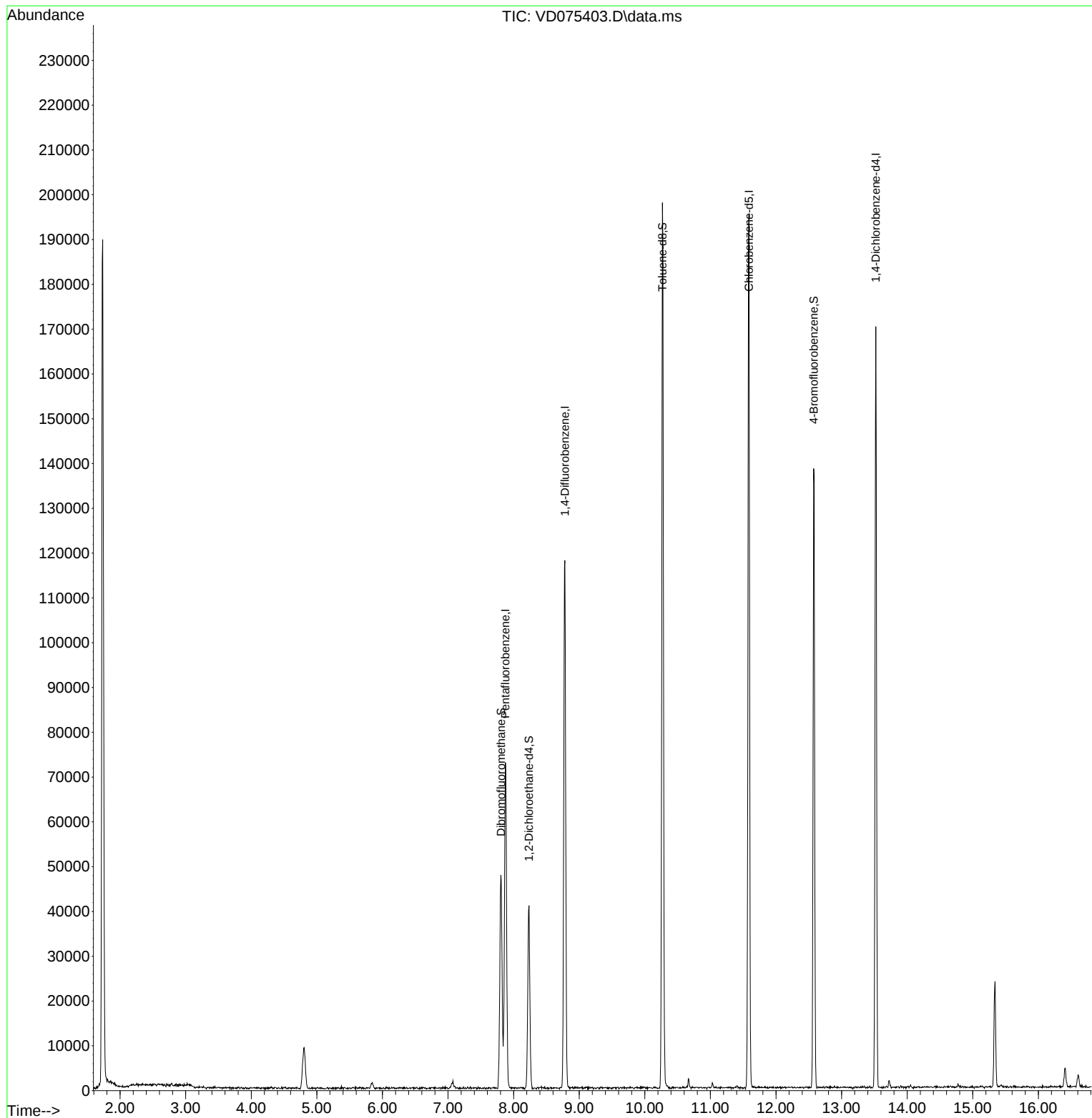
Target Compounds	Qvalue

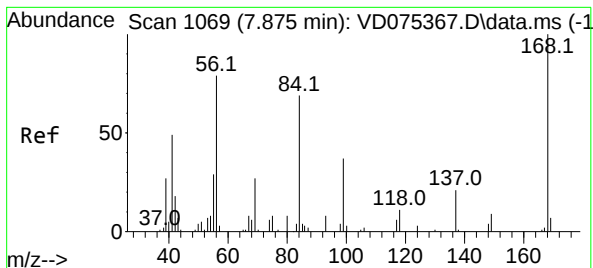
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
Data File : VD075403.D
Acq On : 22 Feb 2023 17:15
Operator : KP/SY
Sample : 01645-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

Quant Time: Feb 22 22:39:19 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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075403.D

Acq: 22 Feb 2023 17:15

Instrument :

MSVOA_D

ClientSampleId :

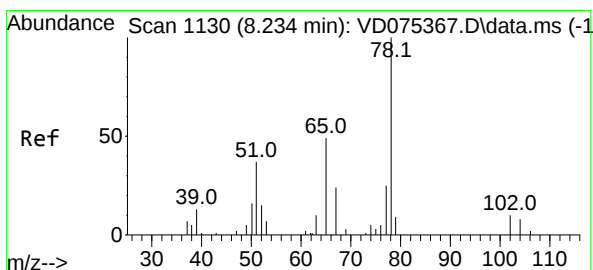
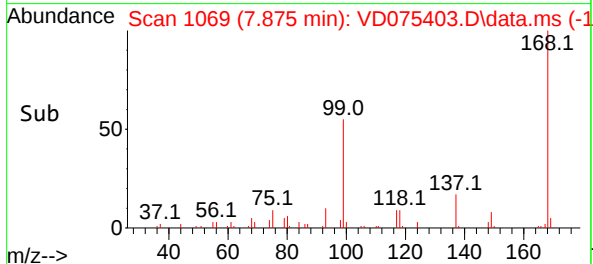
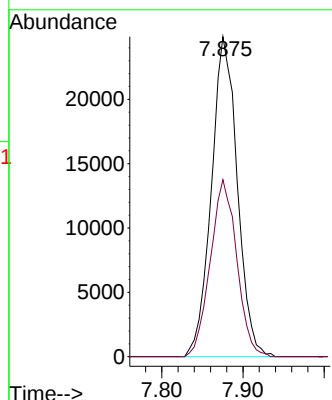
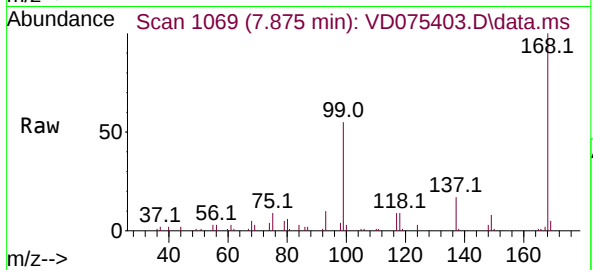
ETGI-352

Tgt Ion:168 Resp: 55179

Ion Ratio Lower Upper

168 100

99 55.3 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 66.421 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075403.D

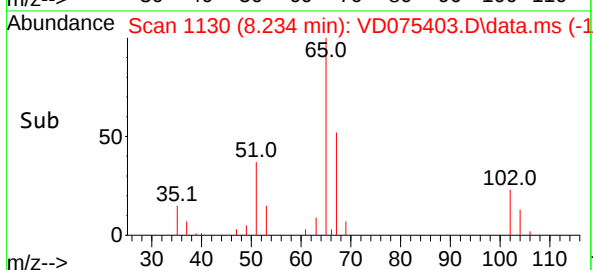
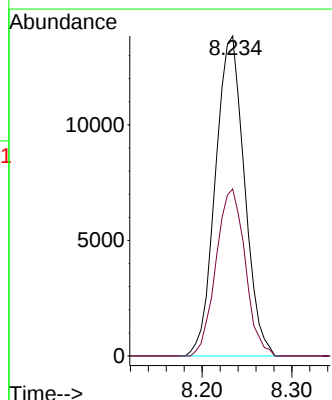
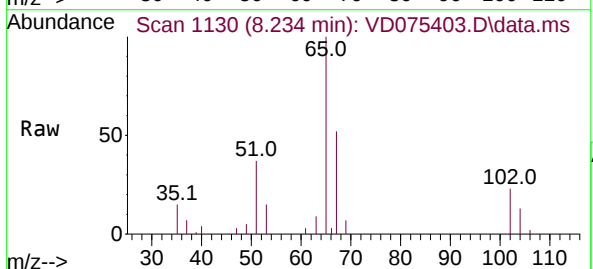
Acq: 22 Feb 2023 17:15

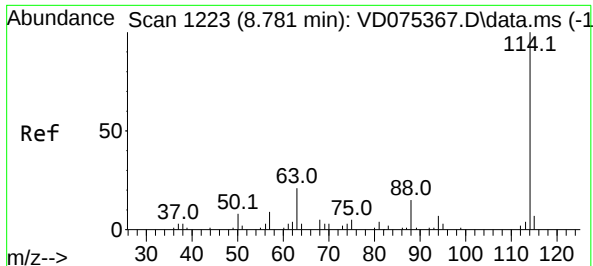
Tgt Ion: 65 Resp: 31062

Ion Ratio Lower Upper

65 100

67 52.4 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: VD075403.D

Acq: 22 Feb 2023 17:15

Instrument :

MSVOA_D

ClientSampleId :

ETGI-352

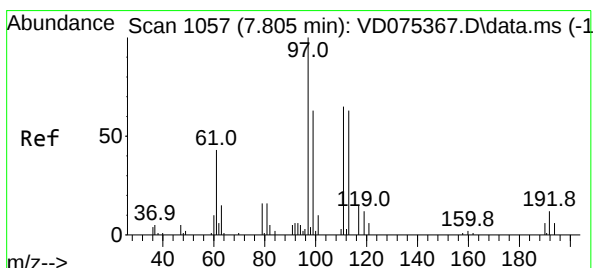
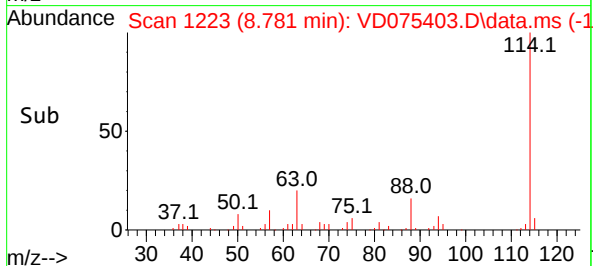
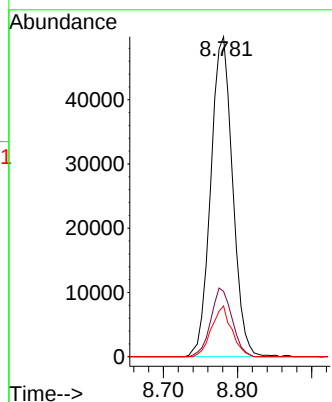
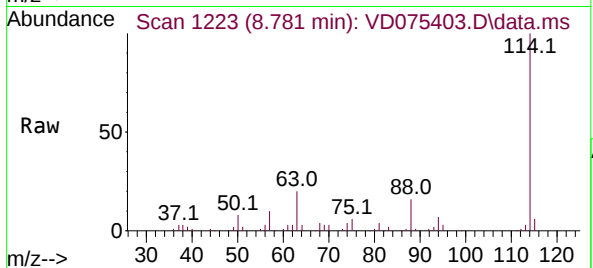
Tgt Ion:114 Resp: 101867

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.186 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075403.D

Acq: 22 Feb 2023 17:15

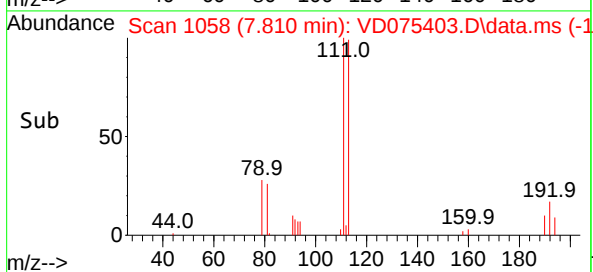
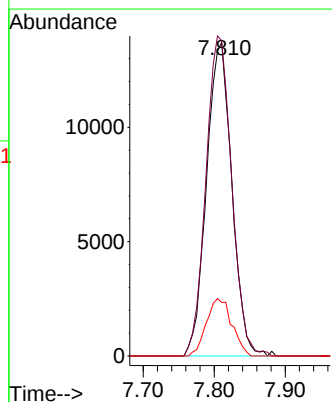
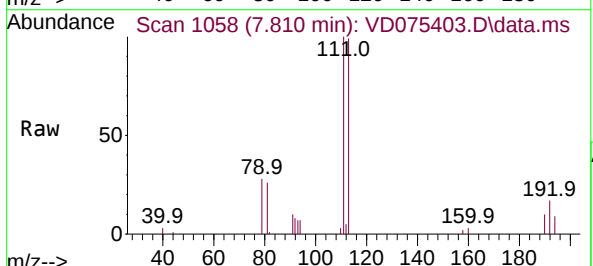
Tgt Ion:113 Resp: 33977

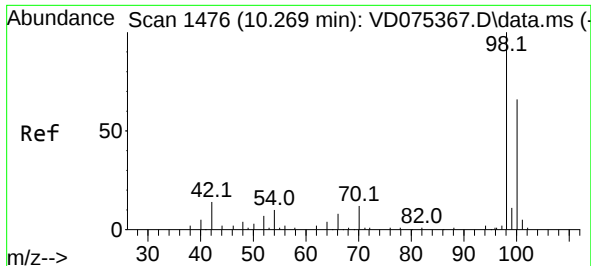
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.4 15.2 22.8

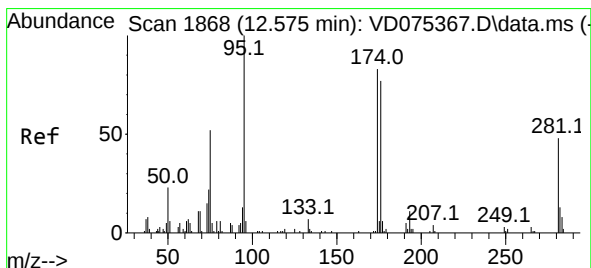
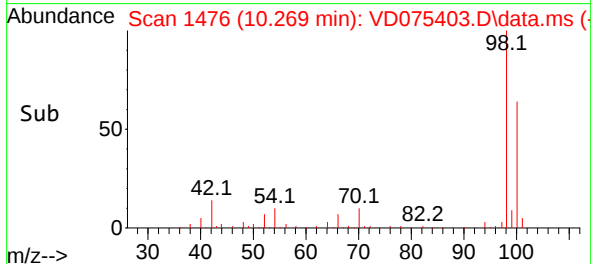
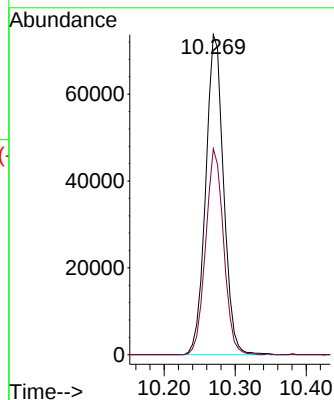
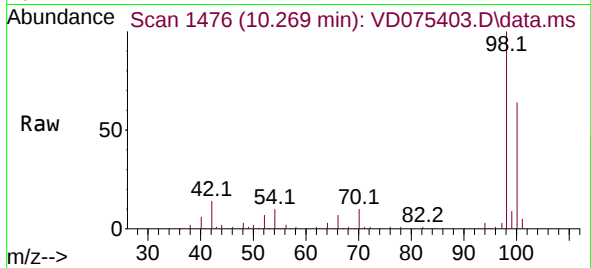




#50
Toluene-d8
Concen: 59.139 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

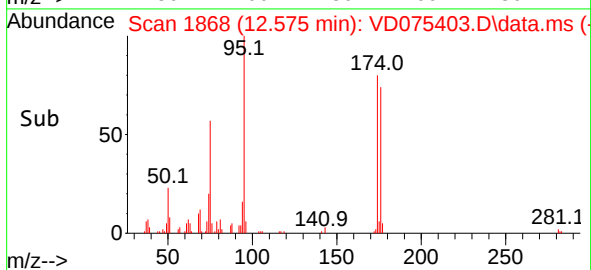
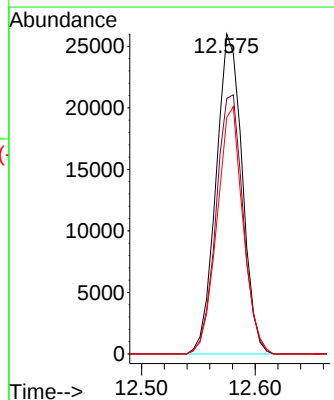
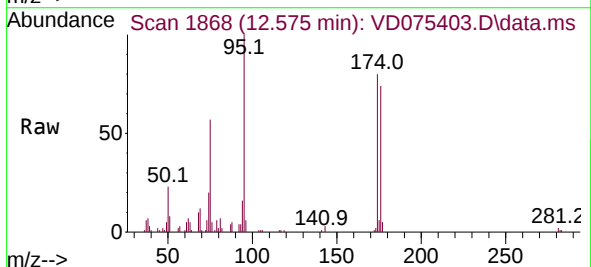
Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

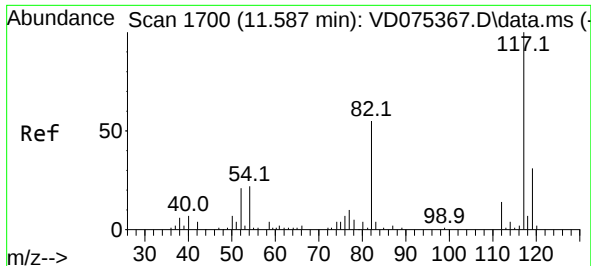
Tgt Ion: 98 Resp: 129066
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 56.898 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion: 95 Resp: 41696
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 76.9 0.0 156.8

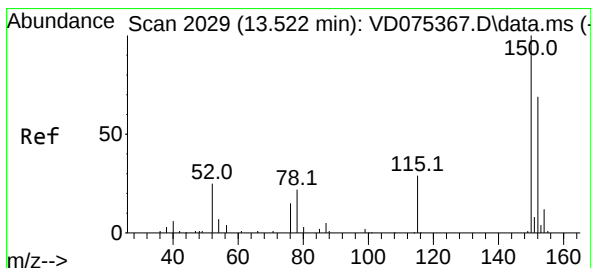
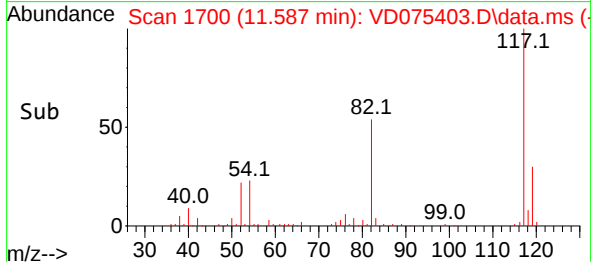
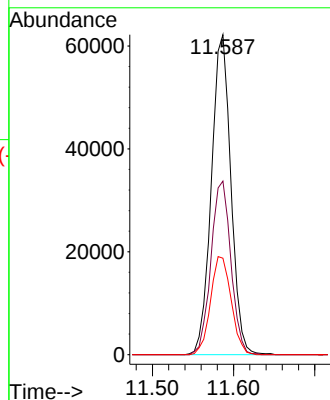
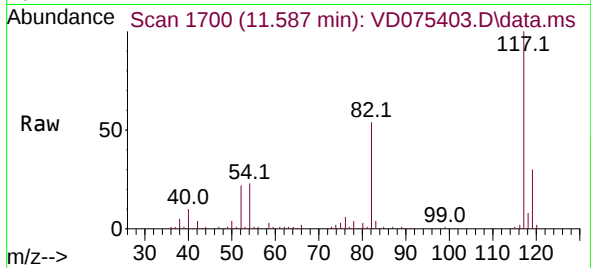




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075403.D
Acq: 22 Feb 2023 17:15

Instrument :
MSVOA_D
ClientSampleId :
ETGI-352

Tgt Ion:117 Resp: 103778
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 30.1 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: VD075403.D
Acq: 22 Feb 2023 17:15

Tgt Ion:152 Resp: 43245
Ion Ratio Lower Upper
152 100
115 58.1 30.1 90.3
150 153.7 0.0 364.8

