

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074992.D
 Acq On : 18 Nov 2022 16:20
 Operator : VA/SY
 Sample : N5691-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-358

Quant Time: Nov 18 22:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	120928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	195129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	42585	53.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.810	113	55023	41.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.380%
50) Toluene-d8	10.269	98	185162	42.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.180%
62) 4-Bromofluorobenzene	12.575	95	54186	40.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.180%

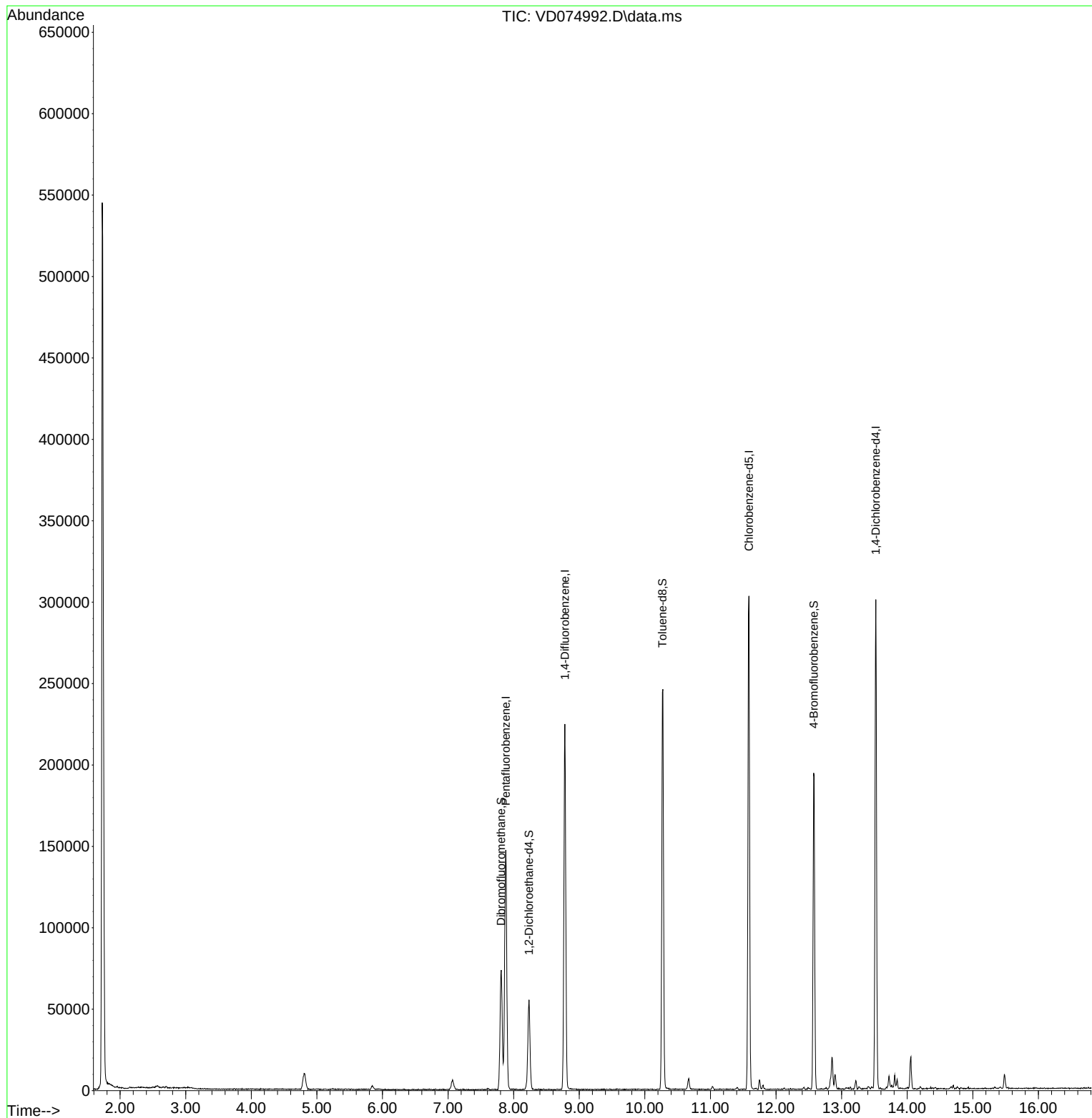
Target Compounds	Qvalue

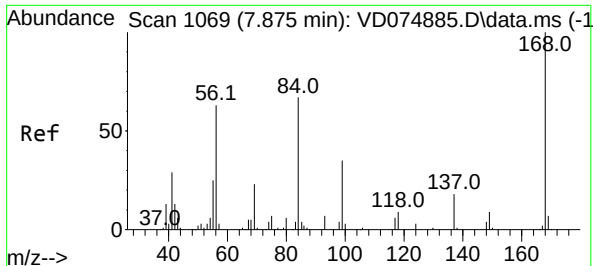
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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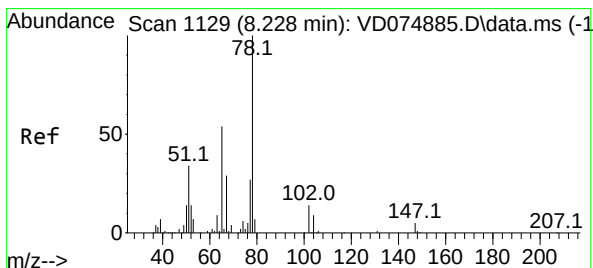
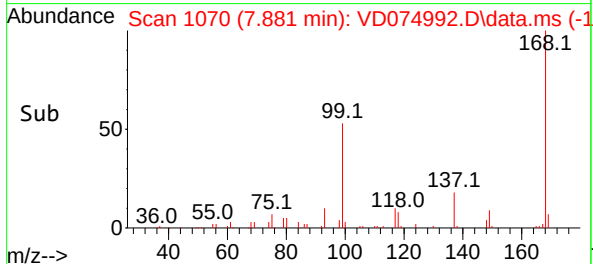
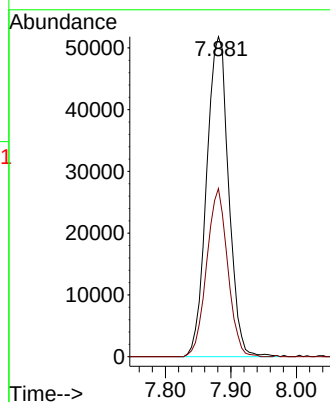
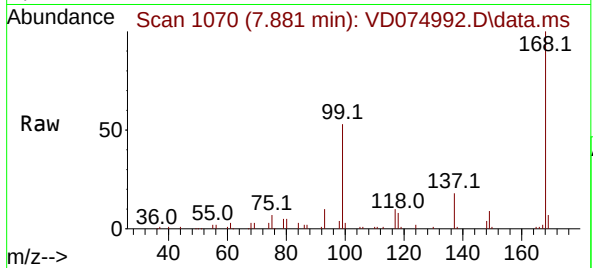




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

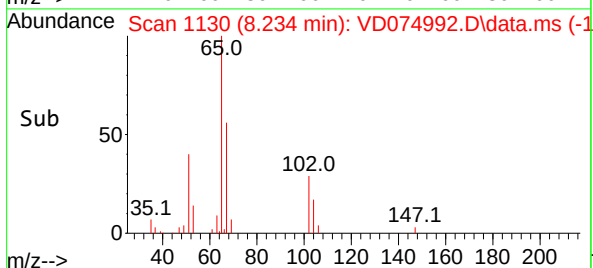
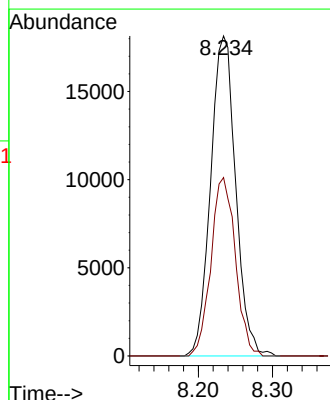
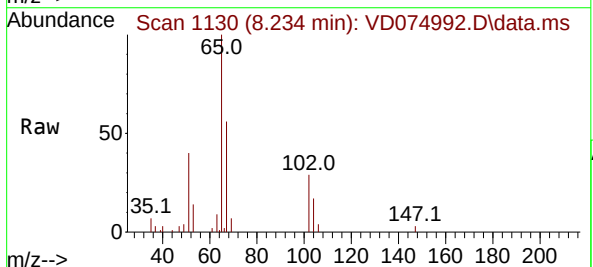
Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

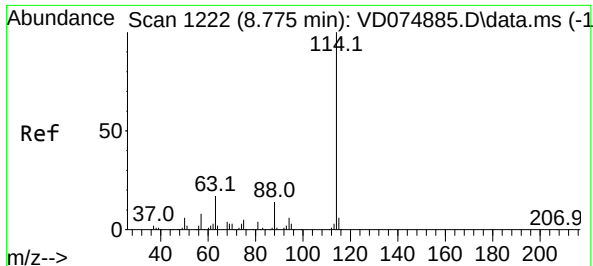
Tgt Ion:168 Resp: 120928
Ion Ratio Lower Upper
168 100
99 52.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 53.401 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion: 65 Resp: 42585
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074992.D

Acq: 18 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

ETGI-358

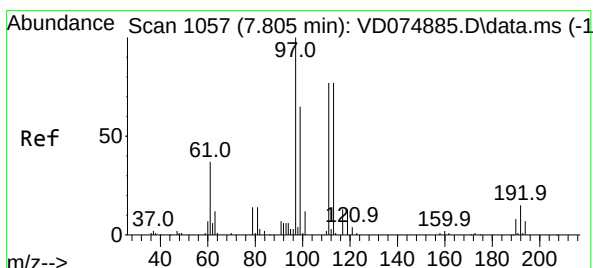
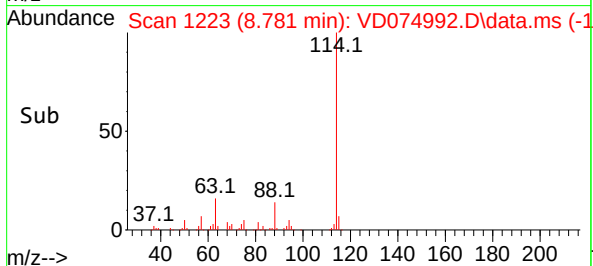
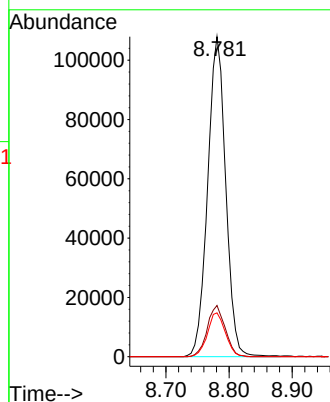
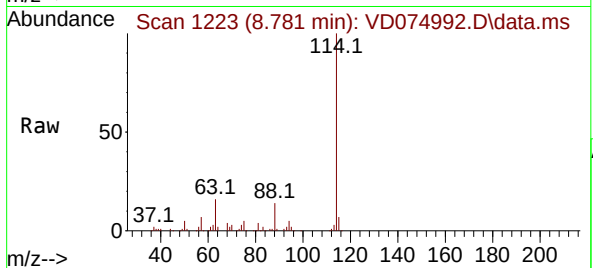
Tgt Ion:114 Resp: 214128

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 41.686 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074992.D

Acq: 18 Nov 2022 16:20

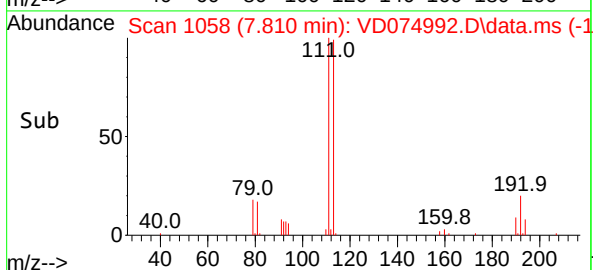
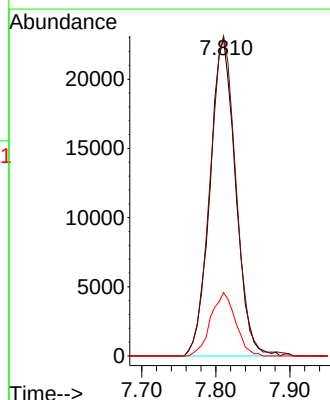
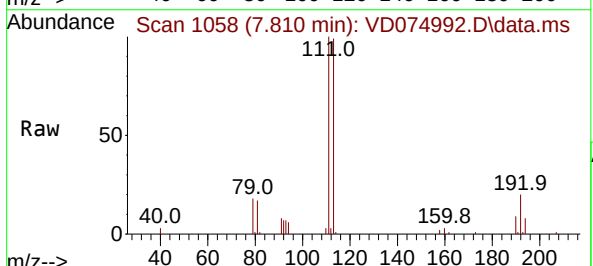
Tgt Ion:113 Resp: 55023

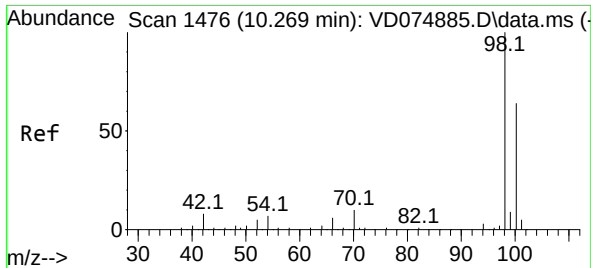
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 19.4 16.4 24.6

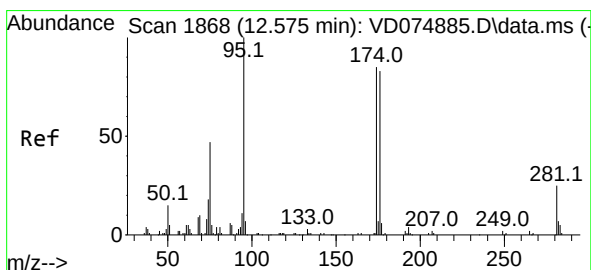
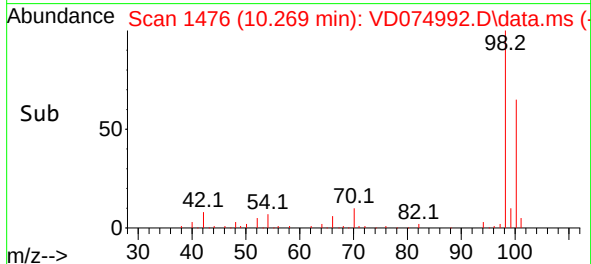
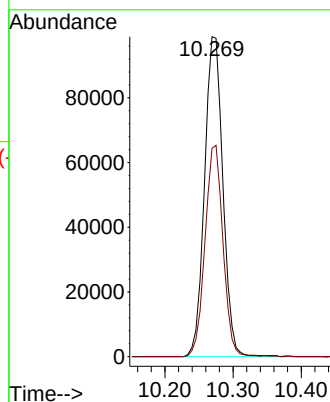
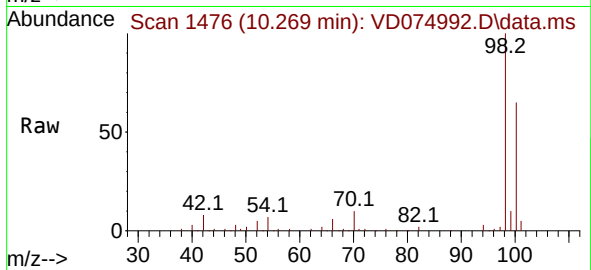




#50
Toluene-d8
Concen: 42.586 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

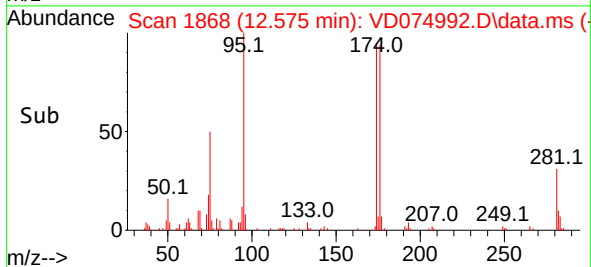
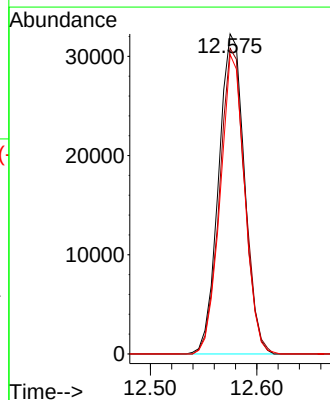
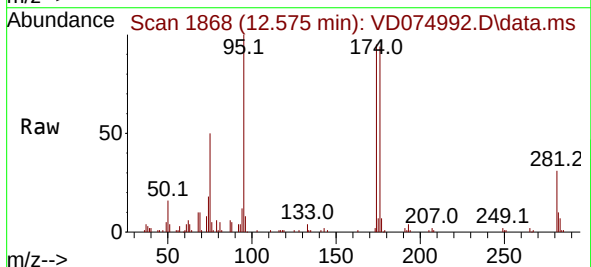
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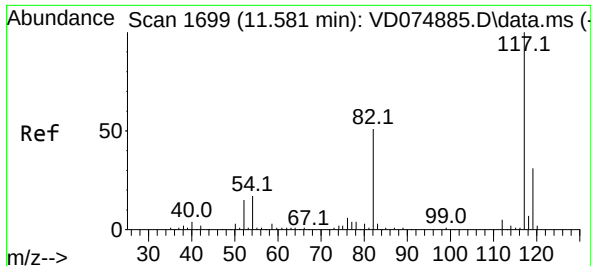
Tgt Ion: 98 Resp: 185162
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.585 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion: 95 Resp: 54186
Ion Ratio Lower Upper
95 100
174 93.1 0.0 197.0
176 88.6 0.0 182.6

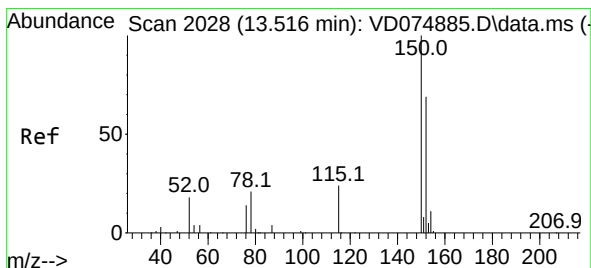
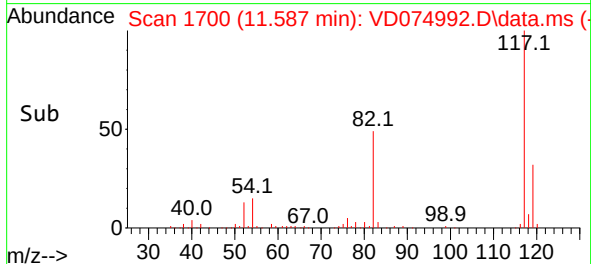
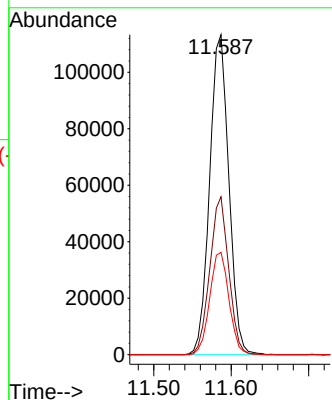
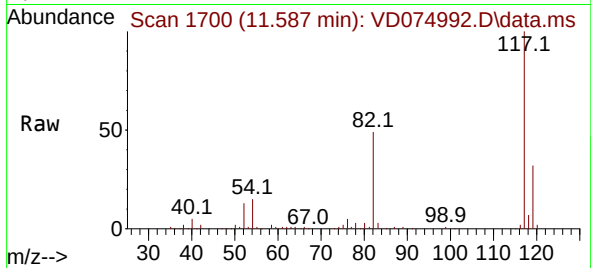




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
ETGI-358

Tgt Ion:117 Resp: 195129
Ion Ratio Lower Upper
117 100
82 49.4 41.6 62.4
119 32.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074992.D
Acq: 18 Nov 2022 16:20

Tgt Ion:152 Resp: 86062
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 158.7 0.0 348.2

