

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077858.D
 Acq On : 13 Dec 2023 13:23
 Operator : RP/MD
 Sample : 05767-06
 Misc : 7.14G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-E2-GRAB

Quant Time: Dec 14 01:52:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	185470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	332872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	312672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85350	39.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.100%
35) Dibromofluoromethane	7.810	113	95606	41.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.000%
50) Toluene-d8	10.275	98	424451	45.451	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.575	95	115299	41.296	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.600%

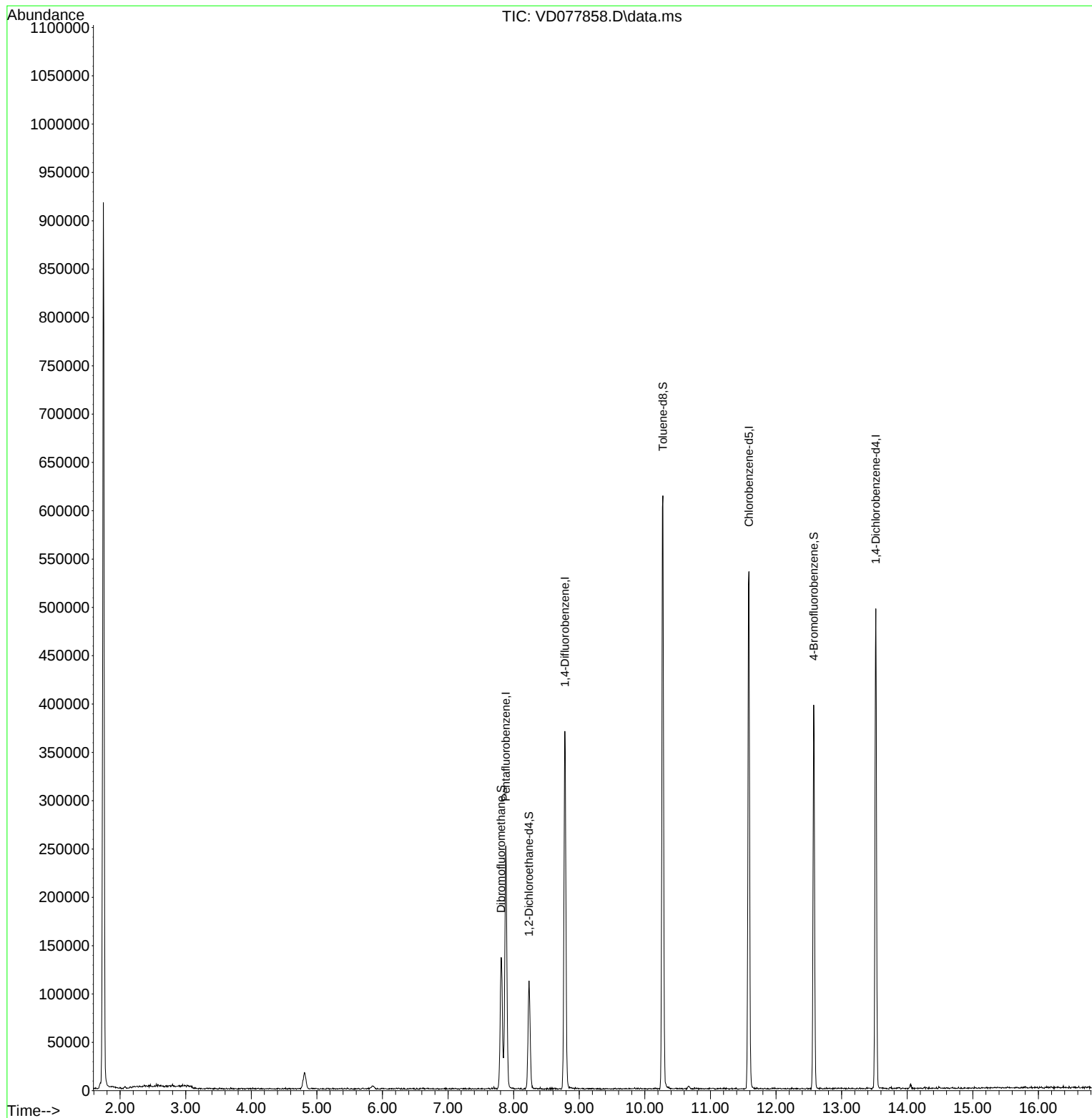
Target Compounds	Qvalue

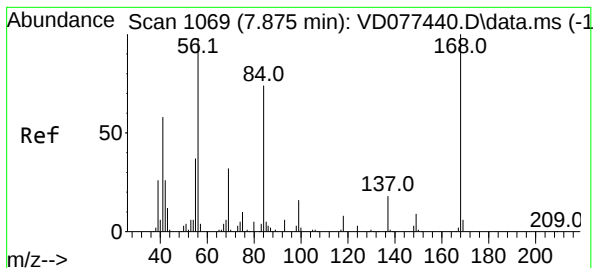
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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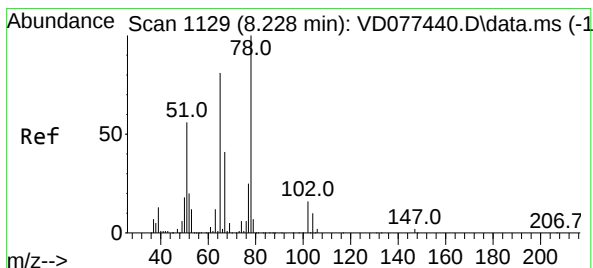
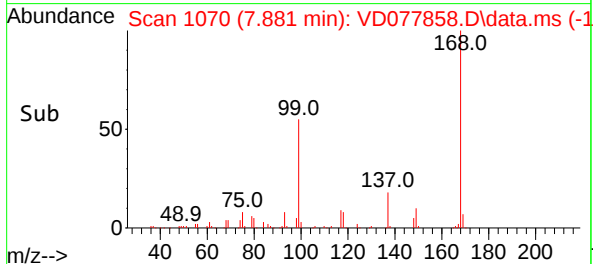
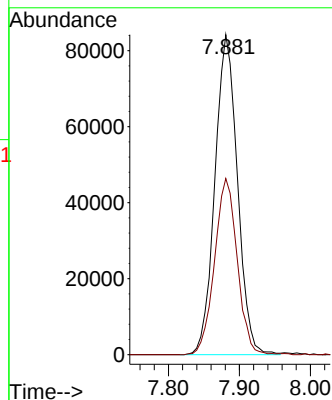
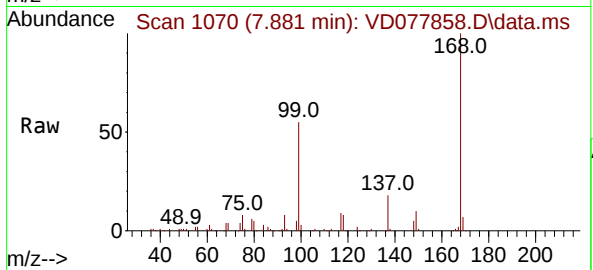




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077858.D
Acq: 13 Dec 2023 13:23

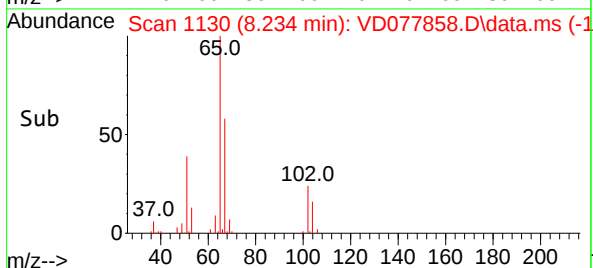
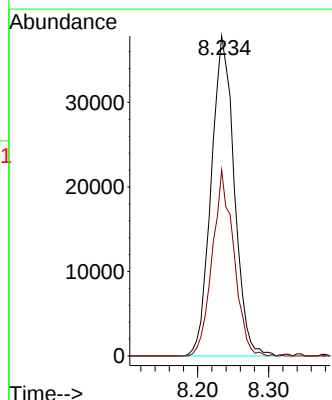
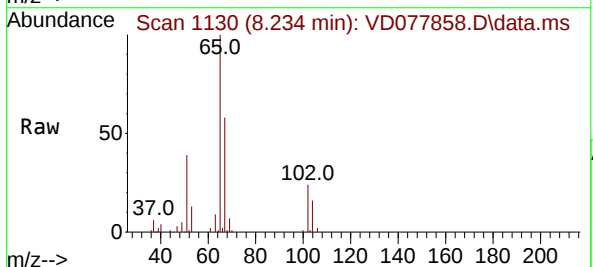
Instrument :
MSVOA_D
ClientSampleId :
SP-E2-GRAB

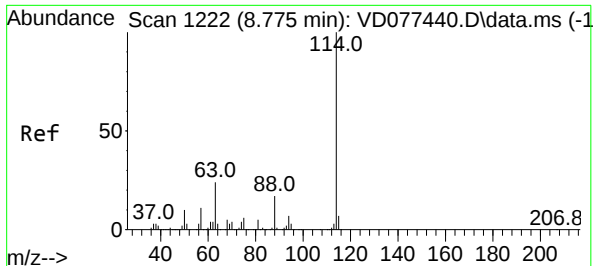
Tgt Ion:168 Resp: 185470
Ion Ratio Lower Upper
168 100
99 55.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 39.053 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077858.D
Acq: 13 Dec 2023 13:23

Tgt Ion: 65 Resp: 85350
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077858.D

Acq: 13 Dec 2023 13:23

Instrument :

MSVOA_D

ClientSampleId :

SP-E2-GRAB

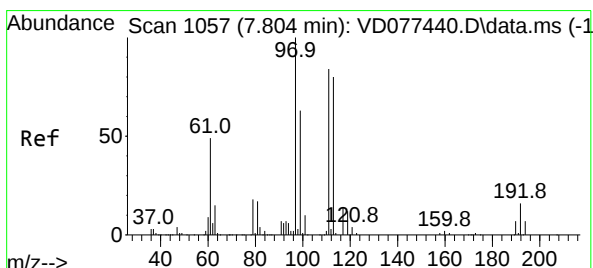
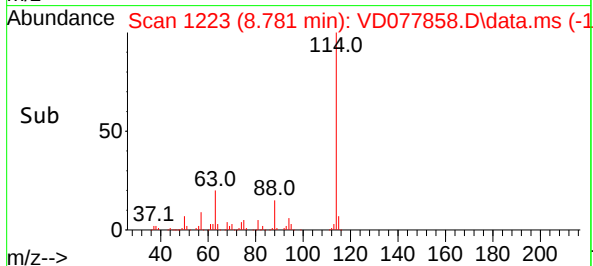
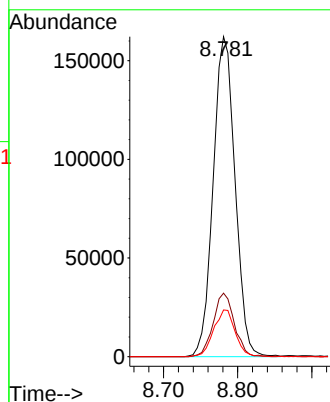
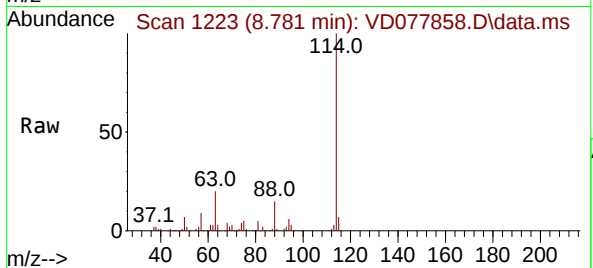
Tgt Ion:114 Resp: 332872

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 41.004 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077858.D

Acq: 13 Dec 2023 13:23

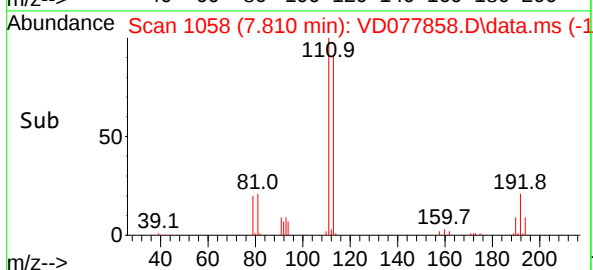
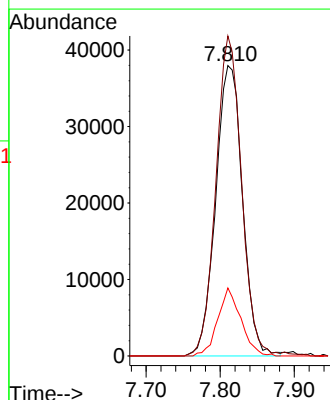
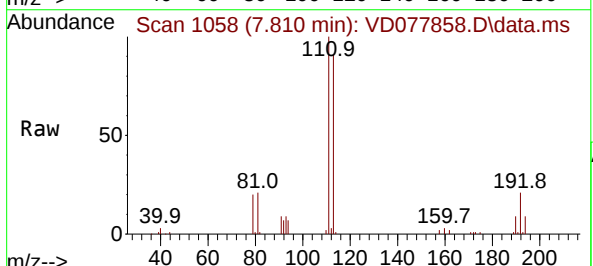
Tgt Ion:113 Resp: 95606

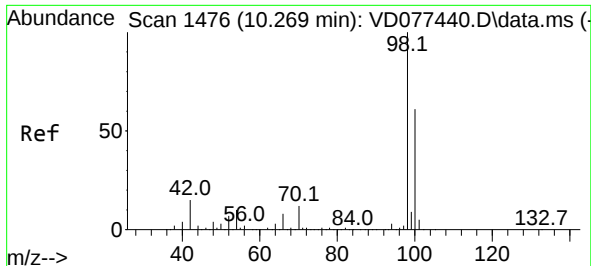
Ion Ratio Lower Upper

113 100

111 105.6 84.7 127.1

192 20.2 16.8 25.2

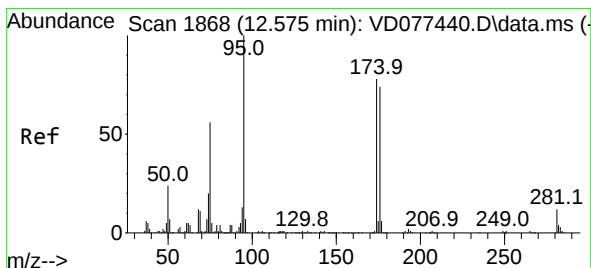
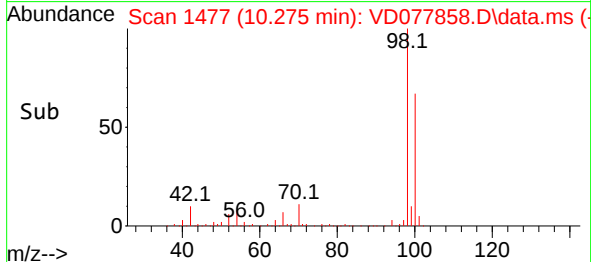
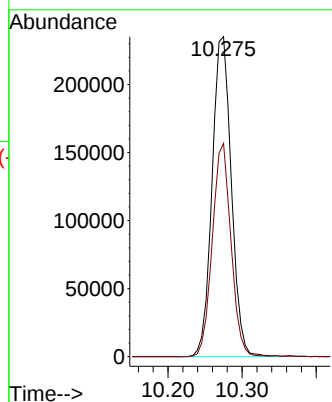
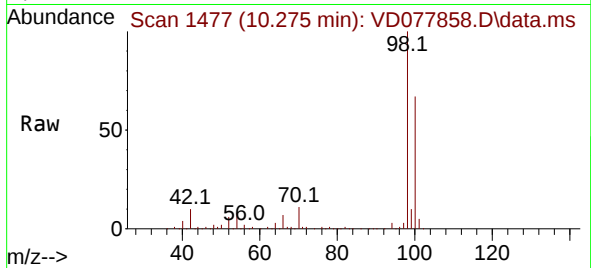




#50
Toluene-d8
Concen: 45.451 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077858.D
Acq: 13 Dec 2023 13:23

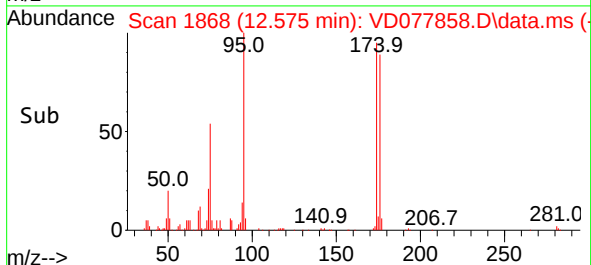
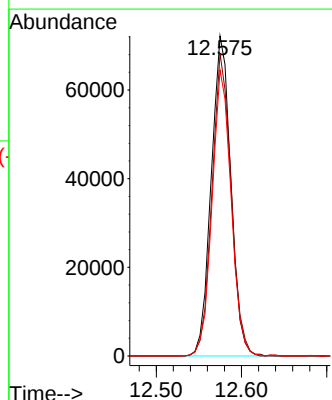
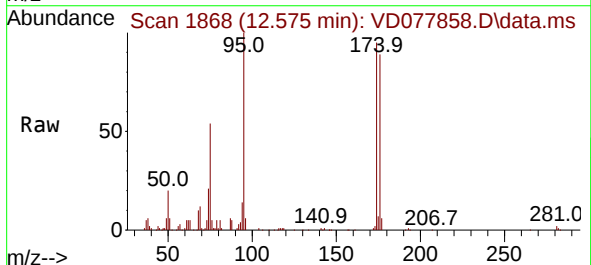
Instrument :
MSVOA_D
ClientSampleId :
SP-E2-GRAB

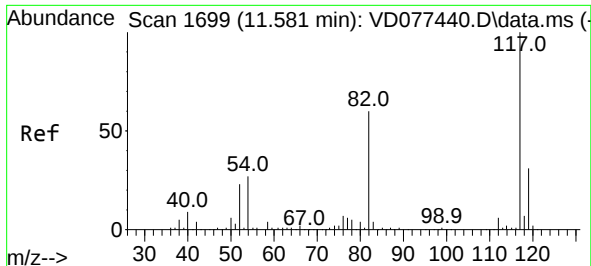
Tgt Ion: 98 Resp: 424451
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.296 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077858.D
Acq: 13 Dec 2023 13:23

Tgt Ion: 95 Resp: 115299
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 86.9 0.0 191.8

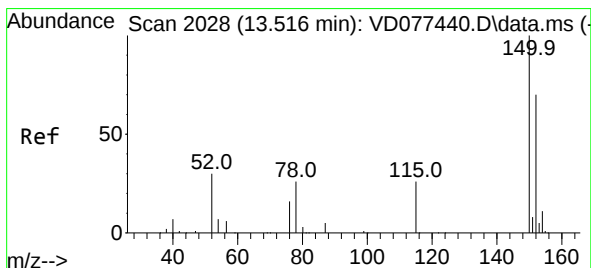
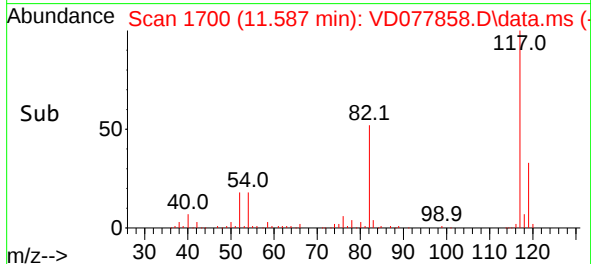
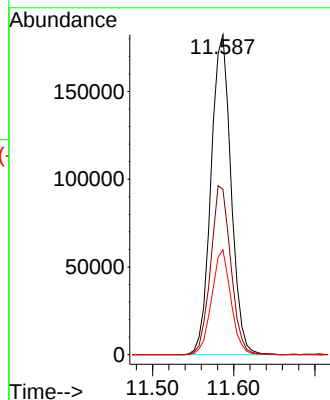
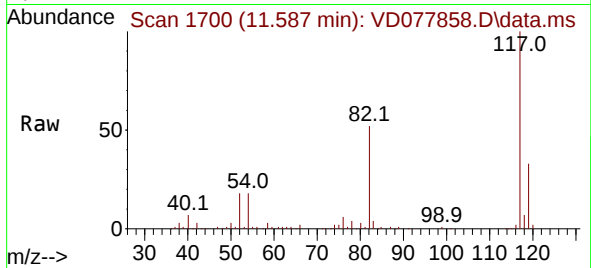




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077858.D
Acq: 13 Dec 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :
SP-E2-GRAB

Tgt Ion:117 Resp: 312672
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077858.D
Acq: 13 Dec 2023 13:23

Tgt Ion:152 Resp: 130570
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 161.3 0.0 353.6

