

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075280.D
 Acq On : 08 Feb 2023 19:09
 Operator : KP/SY
 Sample : 01483-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL

Quant Time: Feb 09 05:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	51459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	94910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30838	51.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.220%
35) Dibromofluoromethane	7.810	113	31316	45.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.269	98	121981	46.979	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.575	95	39364	45.978	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.960%

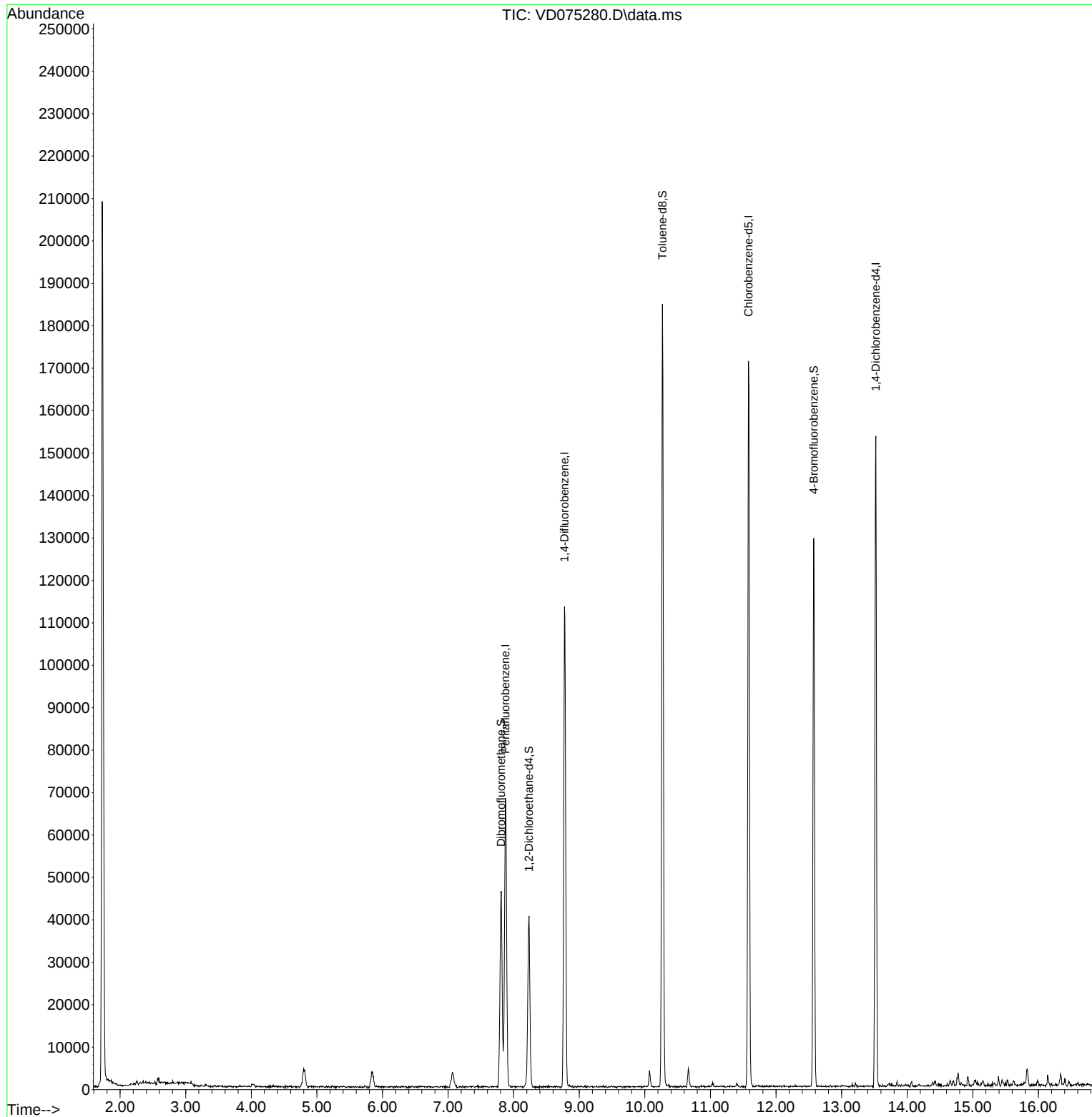
Target Compounds	Qvalue

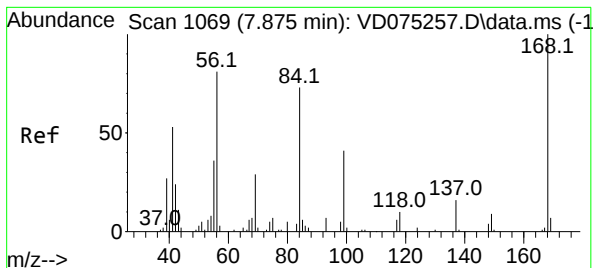
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075280.D

Acq: 08 Feb 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

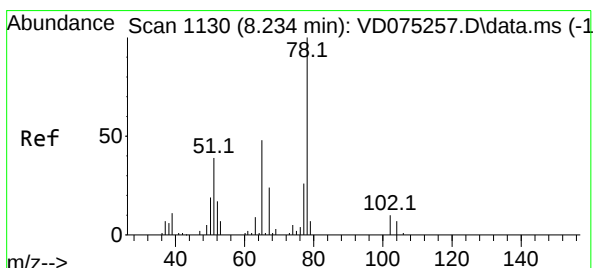
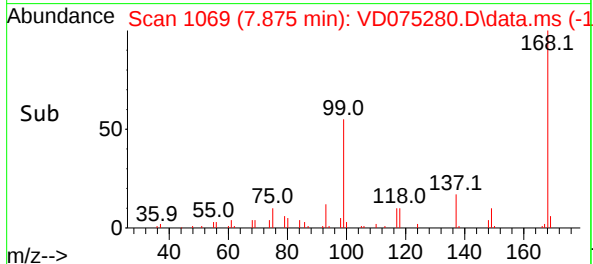
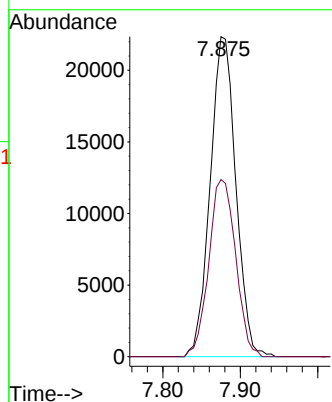
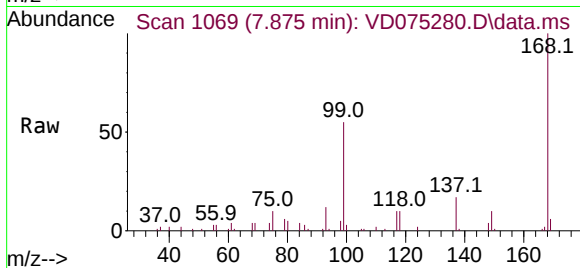
TOPSOIL

Tgt Ion:168 Resp: 51459

Ion Ratio Lower Upper

168 100

99 55.4 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 51.107 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075280.D

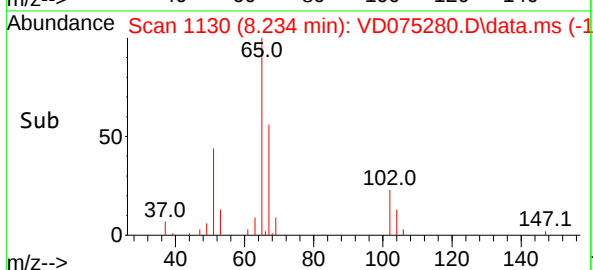
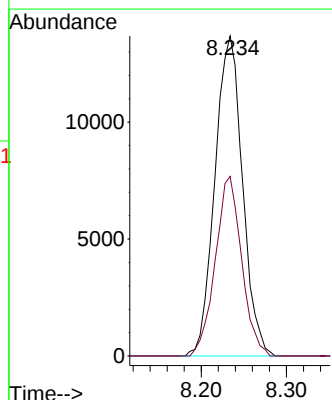
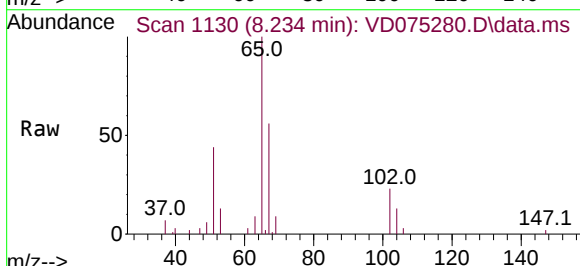
Acq: 08 Feb 2023 19:09

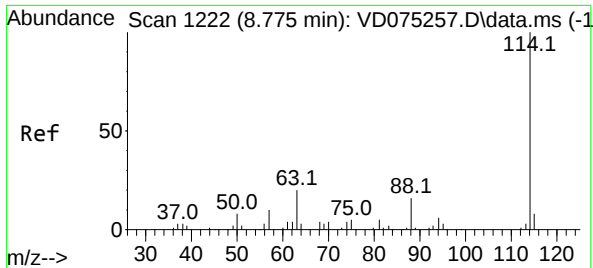
Tgt Ion: 65 Resp: 30838

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.2

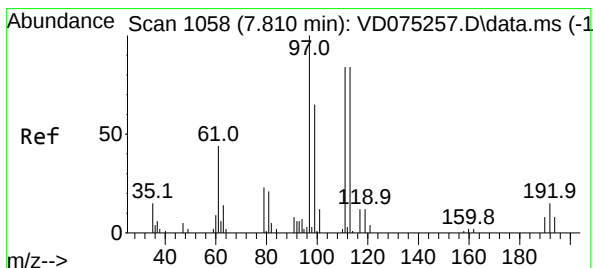
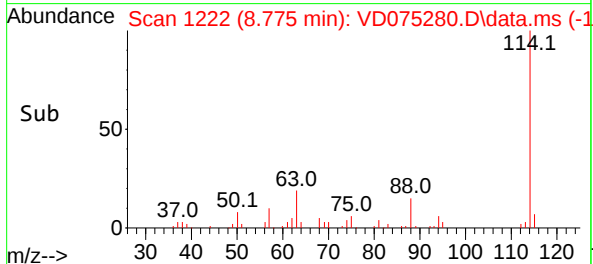
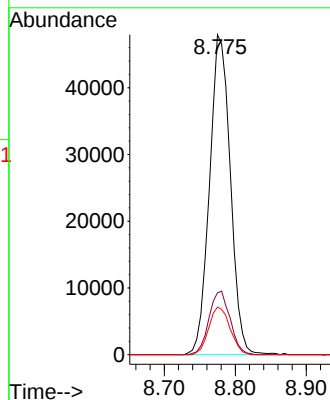
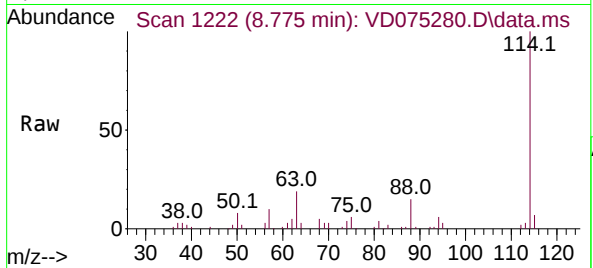




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075280.D
Acq: 08 Feb 2023 19:09

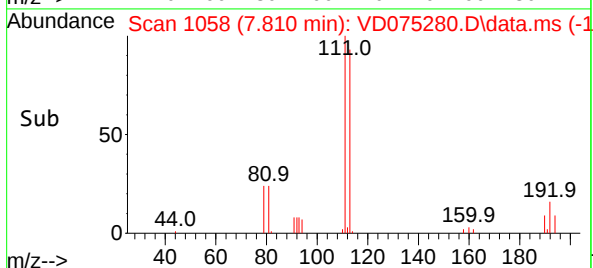
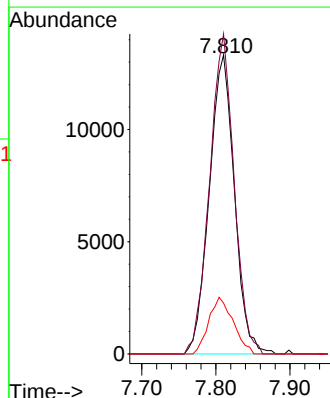
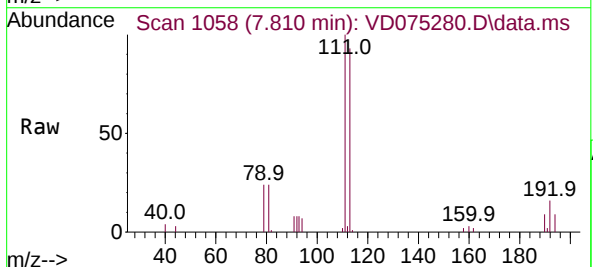
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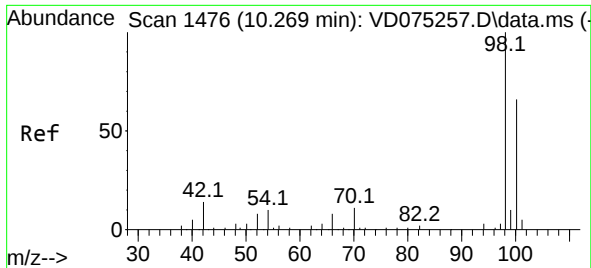
Tgt Ion:114	Resp:	97642
Ion	Ratio	Lower Upper
114	100	
63	19.4	0.0 40.2
88	14.9	0.0 32.2



#35
Dibromofluoromethane
Concen: 45.739 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075280.D
Acq: 08 Feb 2023 19:09

Tgt Ion:113	Resp:	31316
Ion	Ratio	Lower Upper
113	100	
111	104.6	80.1 120.1
192	18.4	15.4 23.0

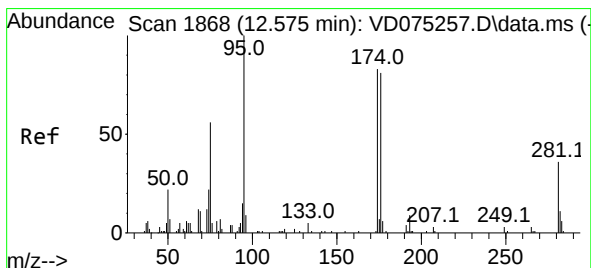
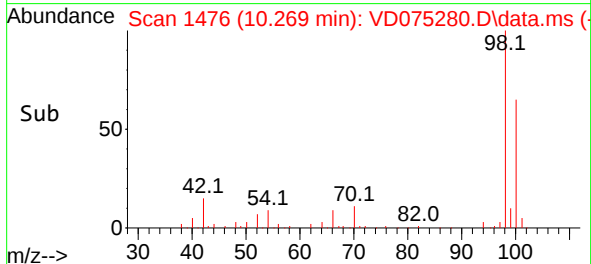
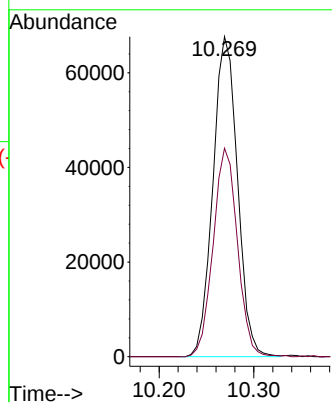
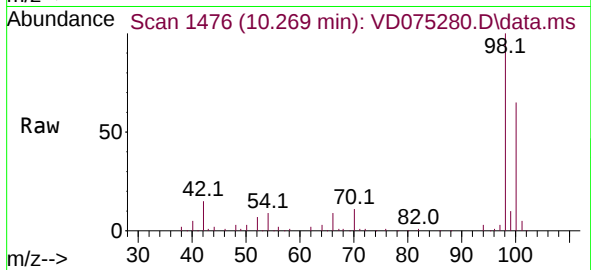




#50
Toluene-d8
Concen: 46.979 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075280.D
Acq: 08 Feb 2023 19:09

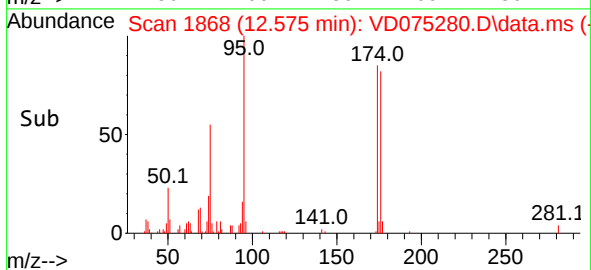
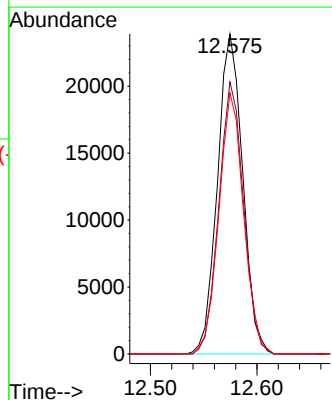
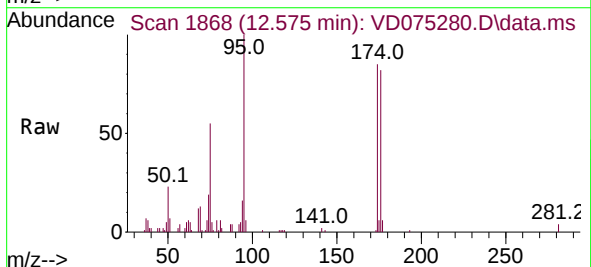
Instrument :
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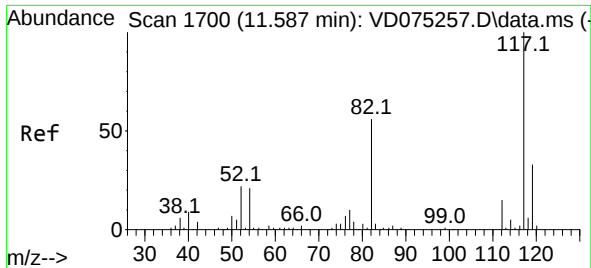
Tgt Ion: 98 Resp: 121981
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.978 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075280.D
Acq: 08 Feb 2023 19:09

Tgt Ion: 95 Resp: 39364
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.2
176 79.7 0.0 160.2

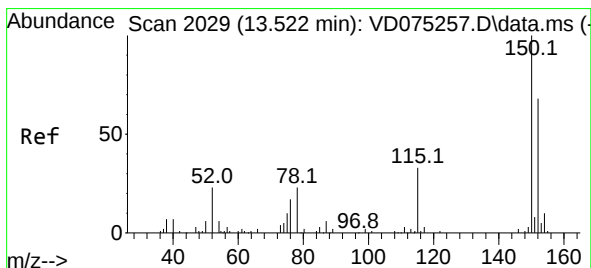
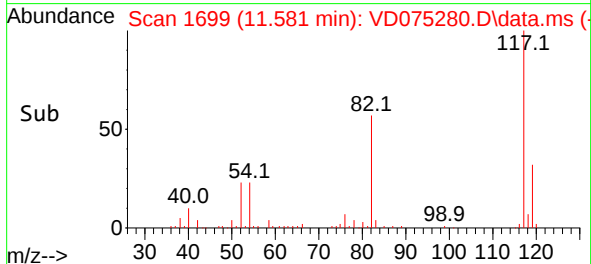
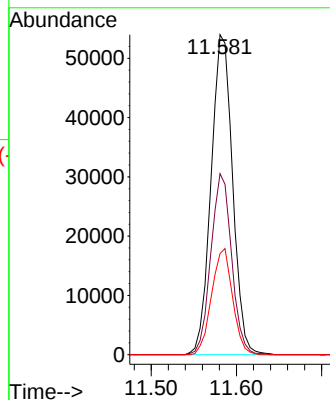
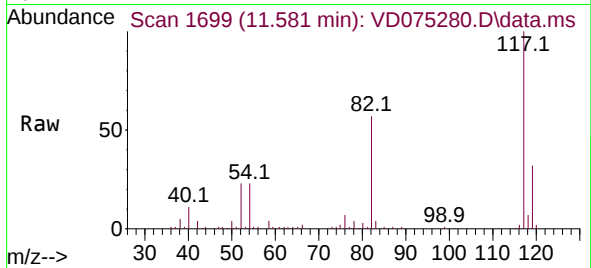




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075280.D
Acq: 08 Feb 2023 19:09

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

Tgt Ion:117 Resp: 94910
Ion Ratio Lower Upper
117 100
82 56.5 39.6 59.4
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075280.D
Acq: 08 Feb 2023 19:09

Tgt Ion:152 Resp: 39732
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.4
150 157.4 0.0 348.6

