

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075297.D
 Acq On : 09 Feb 2023 16:38
 Operator : KP/SY
 Sample : 01508-01
 Misc : 5.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-1

Quant Time: Feb 10 02:04:07 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	64397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	119339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33457	44.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.620%
35) Dibromofluoromethane	7.810	113	36155	43.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.420%
50) Toluene-d8	10.269	98	142975	45.053	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.575	95	50702	48.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.900%

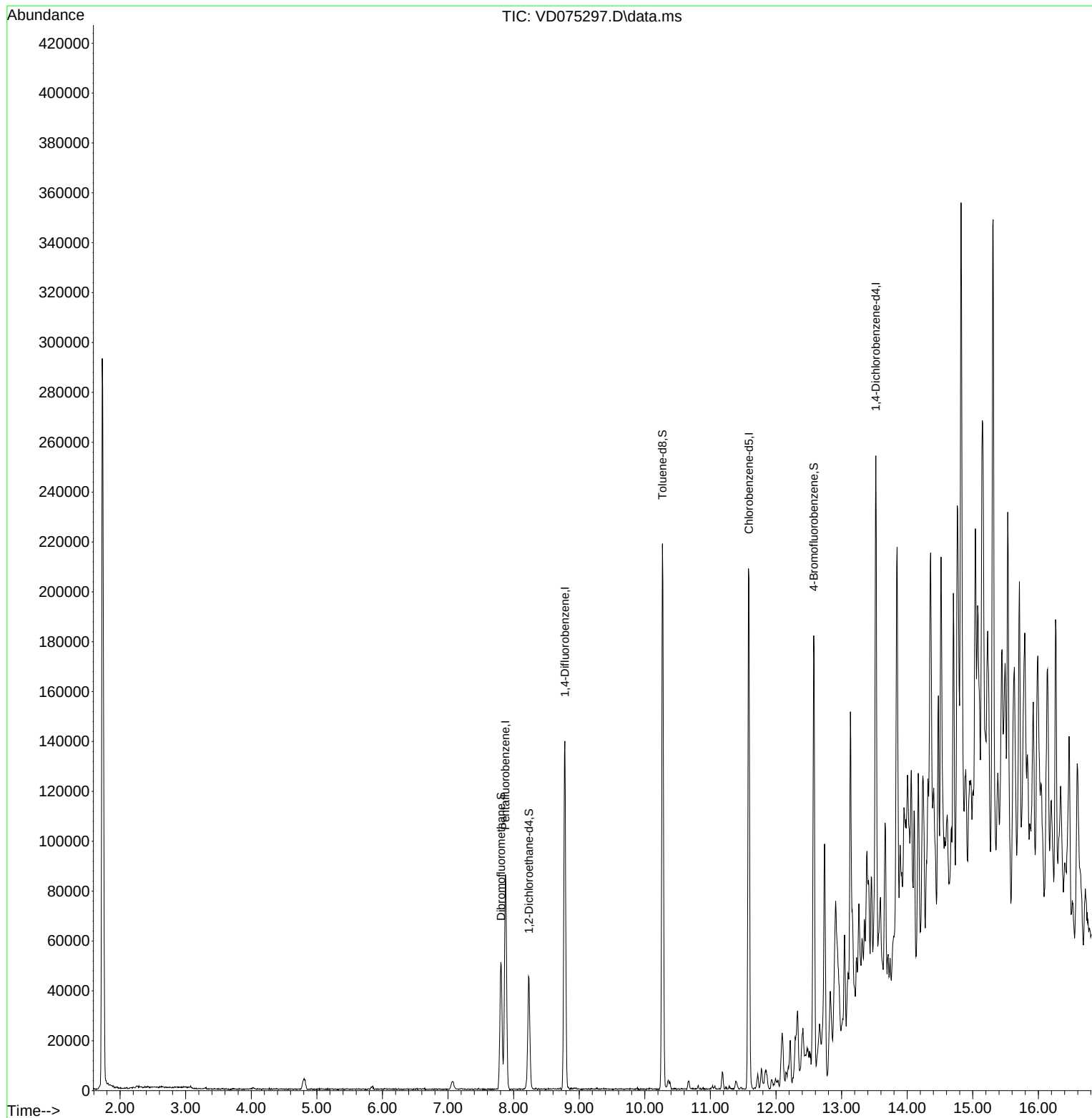
Target Compounds	Qvalue

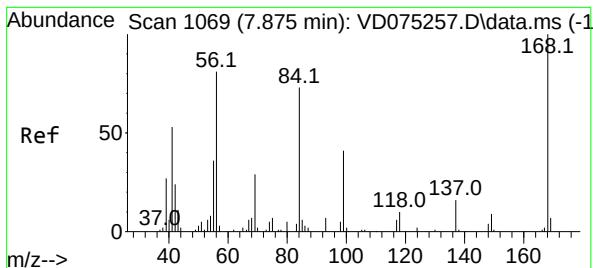
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075297.D

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Instrument :

MSVOA_D

ClientSampleId :

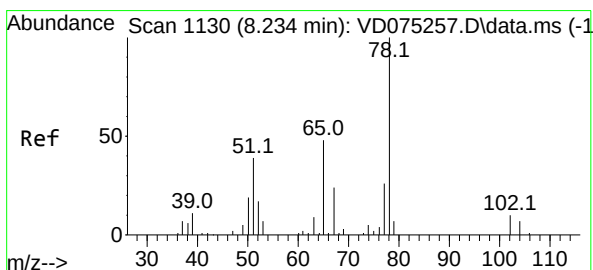
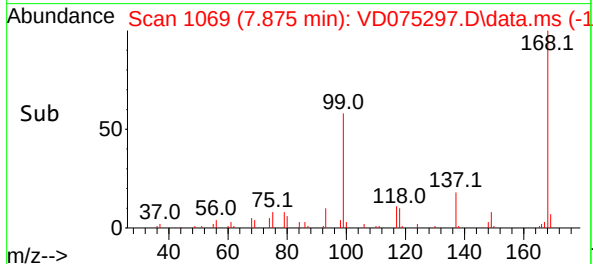
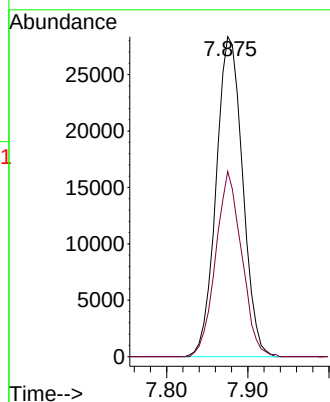
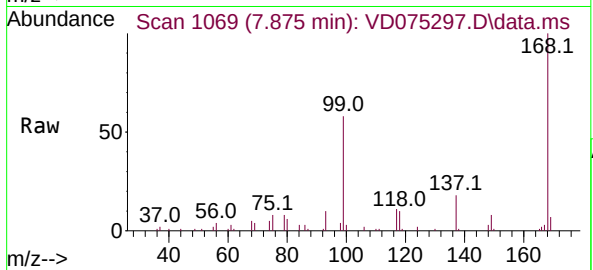
RS-1

Tgt Ion:168 Resp: 64397

Ion Ratio Lower Upper

168 100

99 57.9 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 44.308 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075297.D

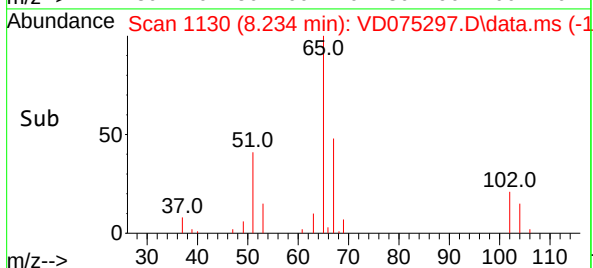
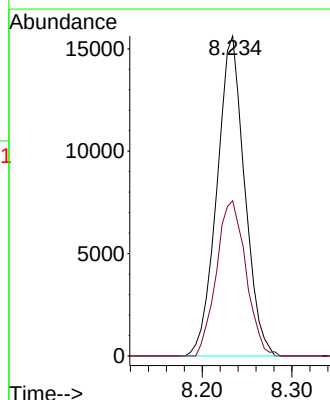
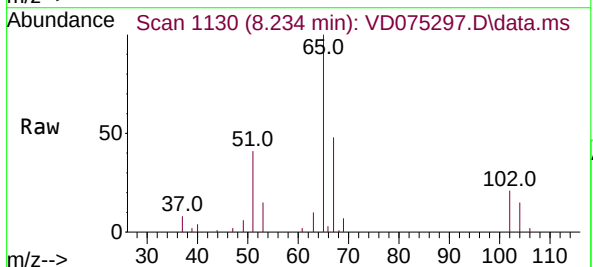
Acq: 09 Feb 2023 16:38

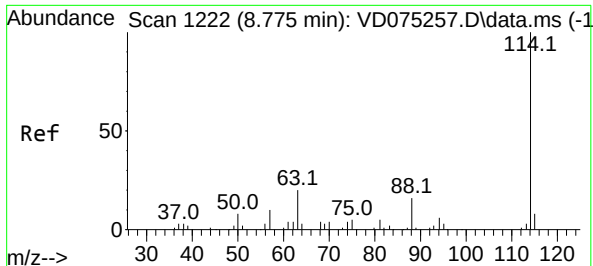
Tgt Ion: 65 Resp: 33457

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075297.D

Acq: 09 Feb 2023 16:38

Instrument :

MSVOA_D

ClientSampleId :

RS-1

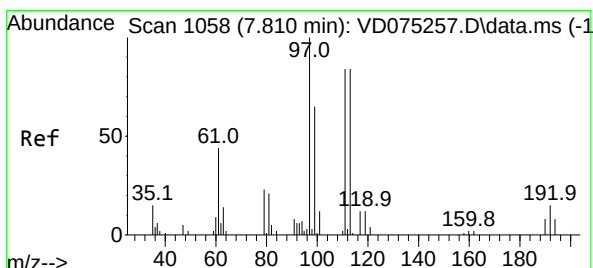
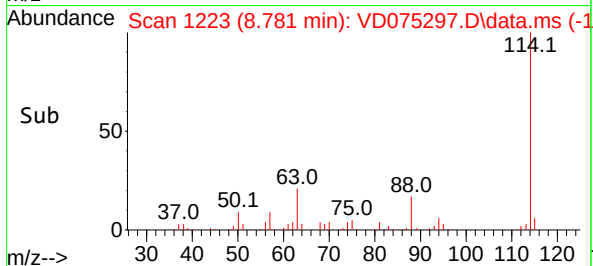
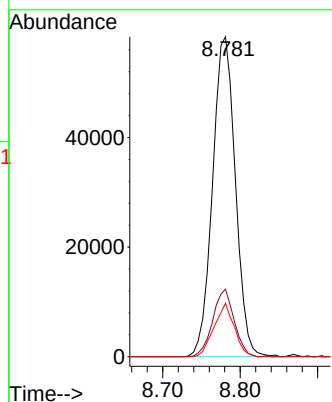
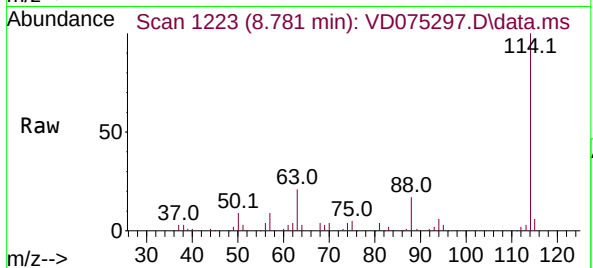
Tgt Ion:114 Resp: 119339

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 16.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 43.206 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075297.D

Acq: 09 Feb 2023 16:38

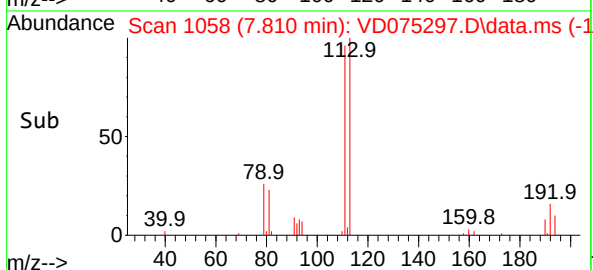
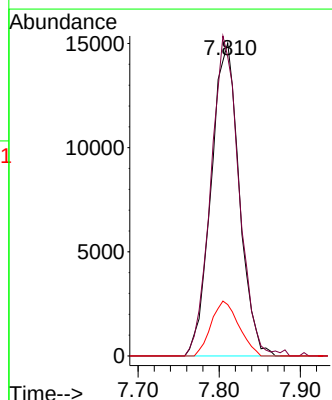
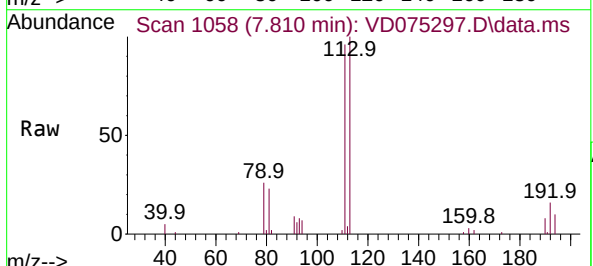
Tgt Ion:113 Resp: 36155

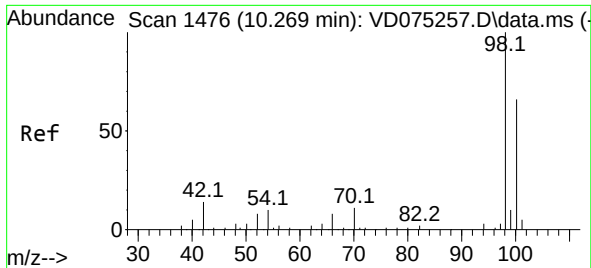
Ion Ratio Lower Upper

113 100

111 102.5 80.1 120.1

192 17.3 15.4 23.0

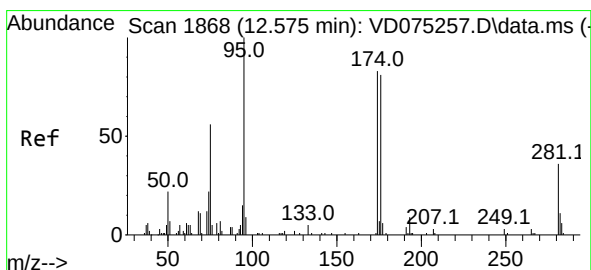
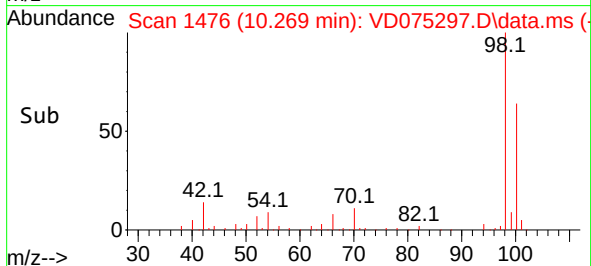
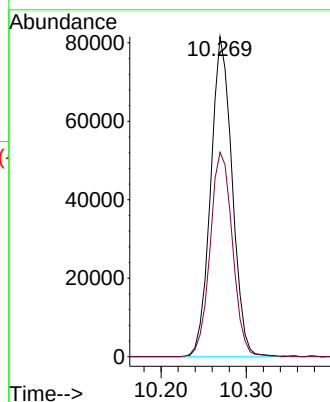
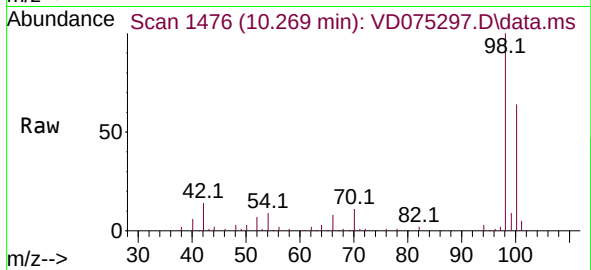




#50
Toluene-d8
Concen: 45.053 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075297.D
Acq: 09 Feb 2023 16:38

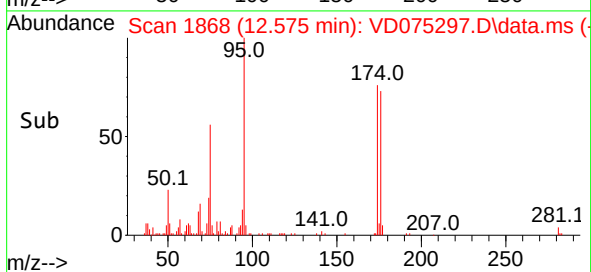
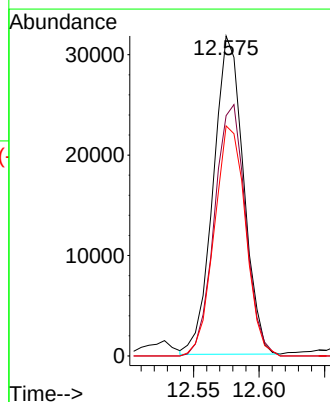
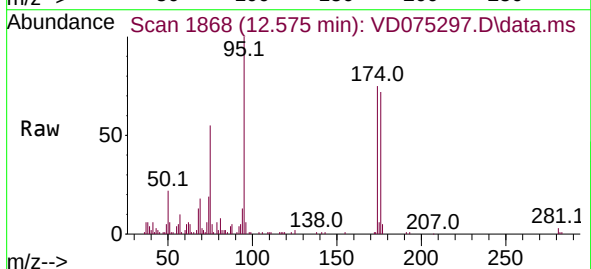
Instrument :
MSVOA_D
ClientSampleId :
RS-1

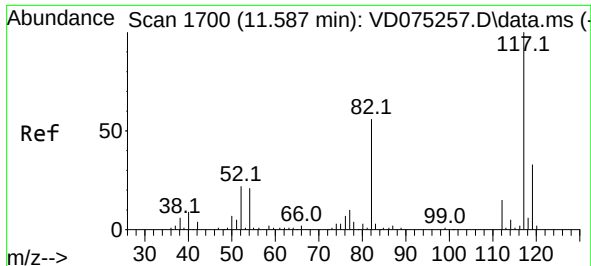
Tgt Ion: 98 Resp: 142975
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.454 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075297.D
Acq: 09 Feb 2023 16:38

Tgt Ion: 95 Resp: 50702
Ion Ratio Lower Upper
95 100
174 81.2 0.0 161.2
176 74.9 0.0 160.2

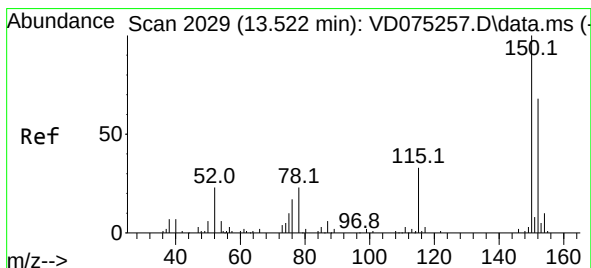
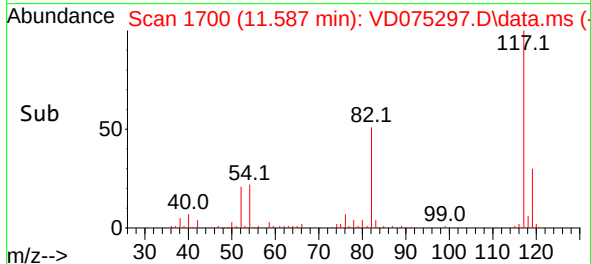
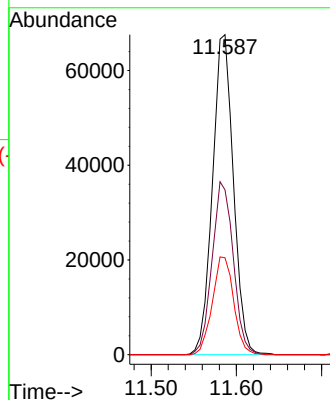
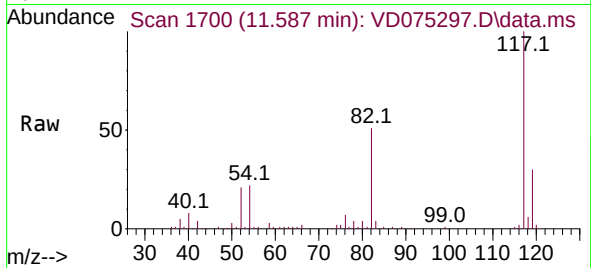




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075297.D
Acq: 09 Feb 2023 16:38

Instrument :
MSVOA_D
ClientSampleId :
RS-1

Tgt Ion:117 Resp: 115280
Ion Ratio Lower Upper
117 100
82 51.5 39.6 59.4
119 30.3 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: VD075297.D
Acq: 09 Feb 2023 16:38

Tgt Ion:152 Resp: 52277
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.4
150 153.6 0.0 348.6

