

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075330.D
 Acq On : 13 Feb 2023 16:28
 Operator : KP/SY
 Sample : 01529-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Feb 14 01:24:42 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	57190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	103091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	28288	42.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.360%
35) Dibromofluoromethane	7.805	113	32854	45.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.900%
50) Toluene-d8	10.269	98	124096	45.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.581	95	33125	36.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.300%

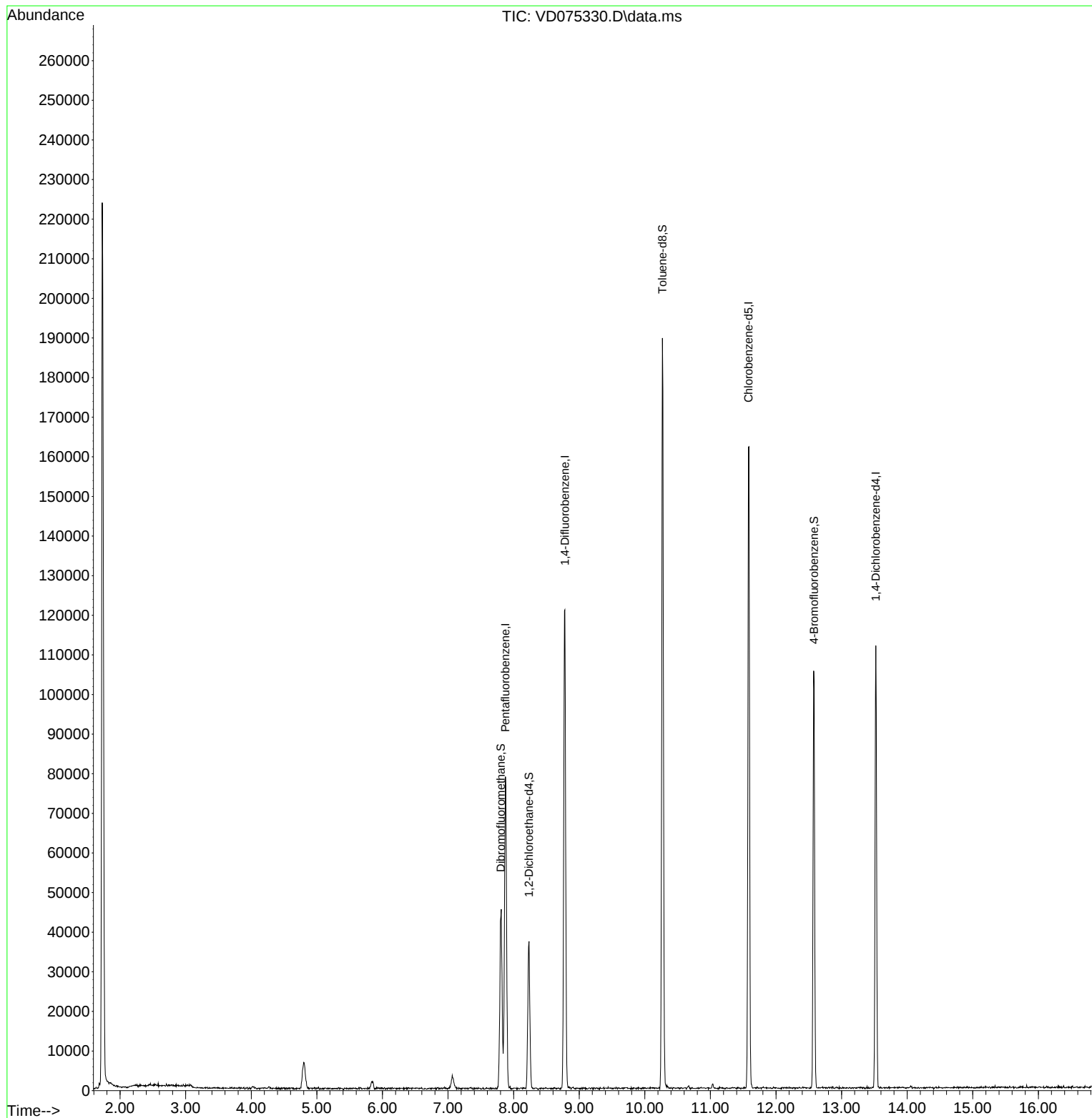
Target Compounds	Qvalue

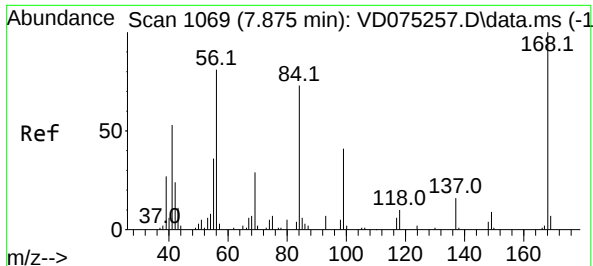
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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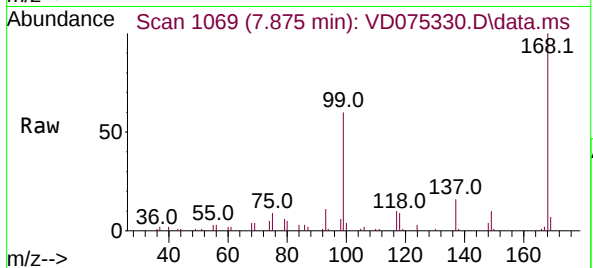
Quant Time: Feb 14 01:24:42 2023
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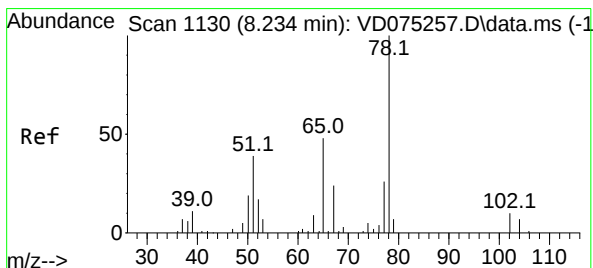
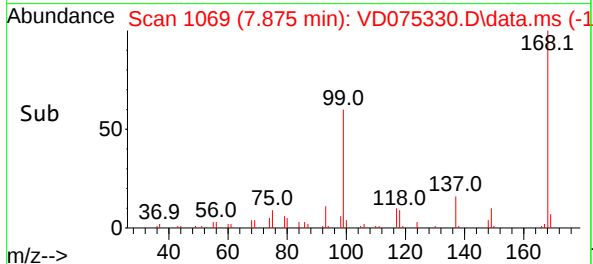
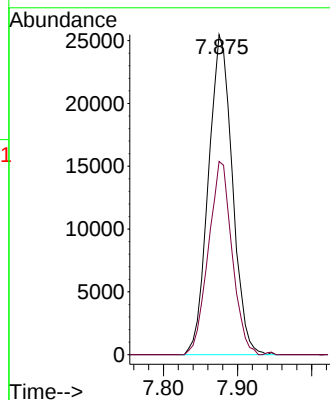


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

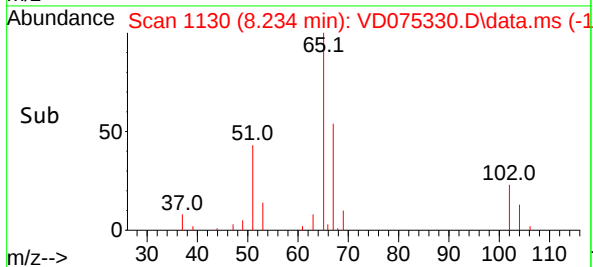
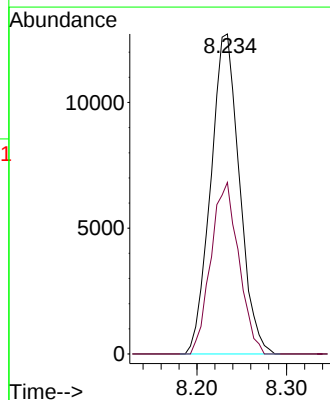
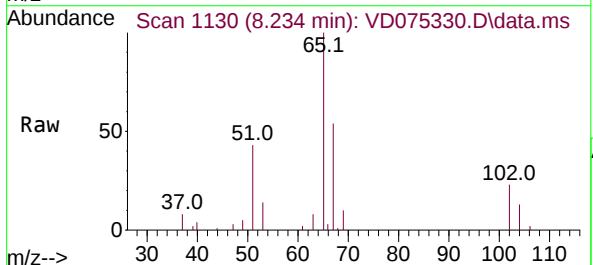


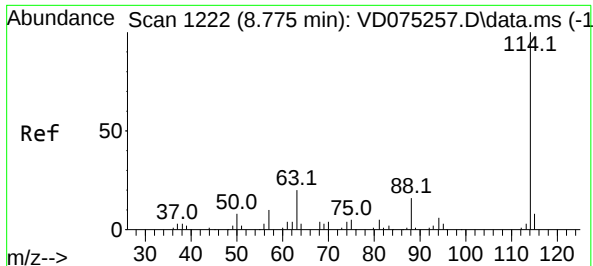
Tgt Ion:168 Resp: 57190
Ion Ratio Lower Upper
168 100
99 60.4 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 42.183 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion: 65 Resp: 28288
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075330.D

Acq: 13 Feb 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

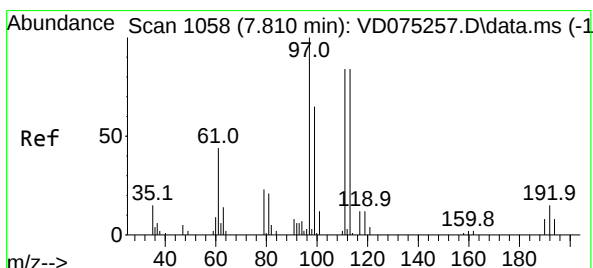
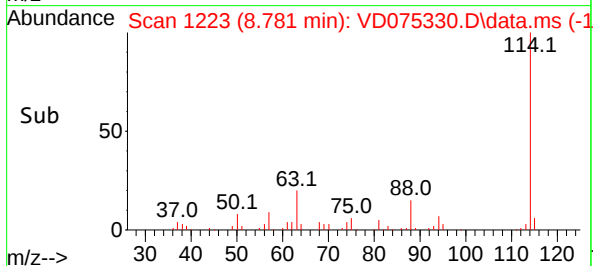
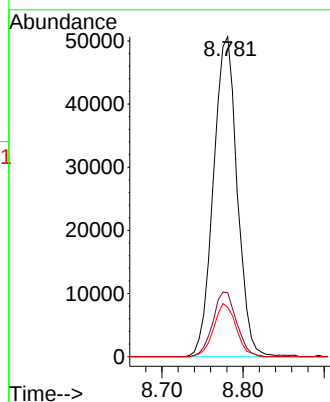
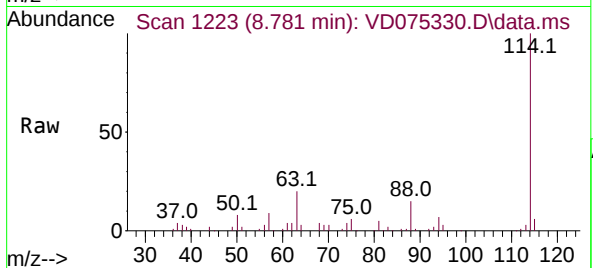
Tgt Ion:114 Resp: 103091

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.449 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075330.D

Acq: 13 Feb 2023 16:28

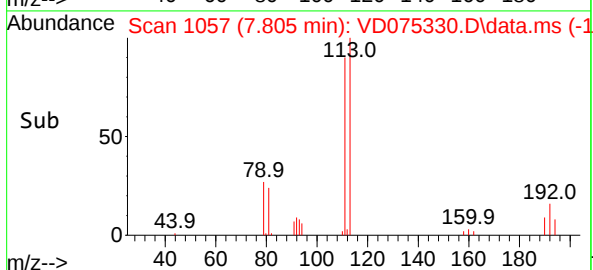
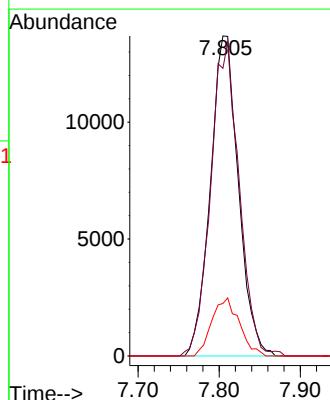
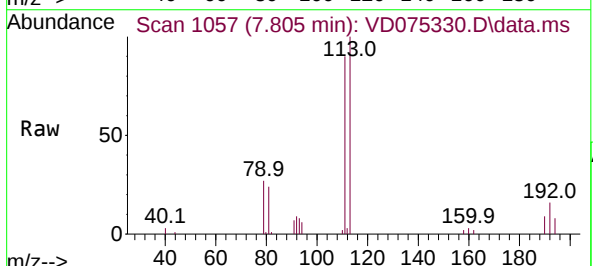
Tgt Ion:113 Resp: 32854

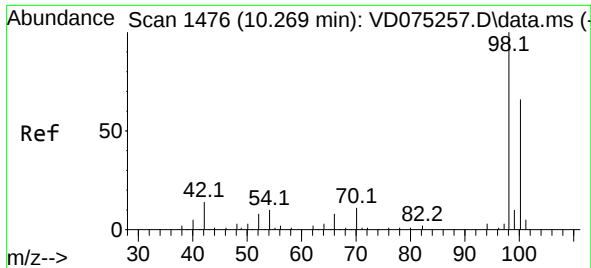
Ion Ratio Lower Upper

113 100

111 99.7 80.1 120.1

192 17.8 15.4 23.0

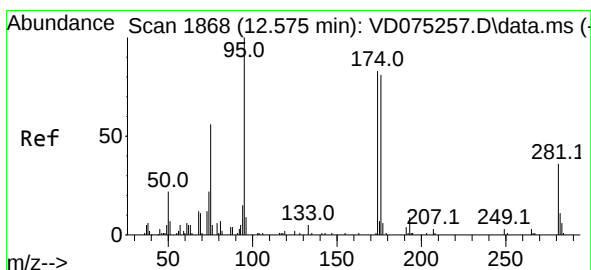
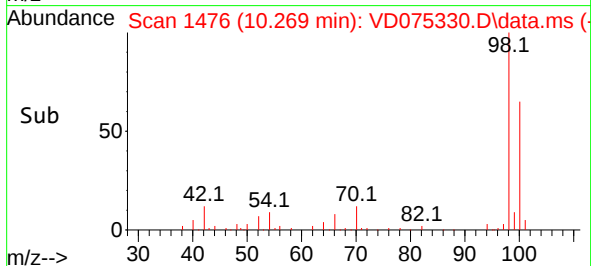
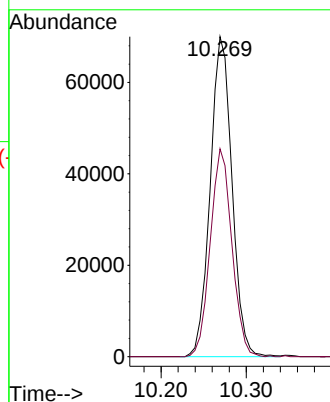
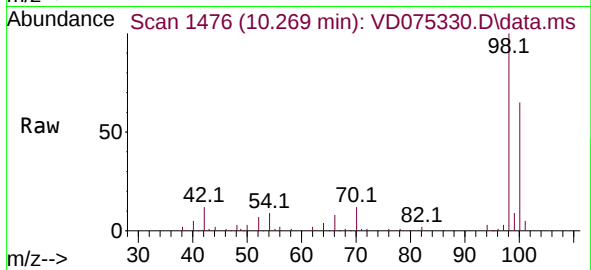




#50
Toluene-d8
Concen: 45.268 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

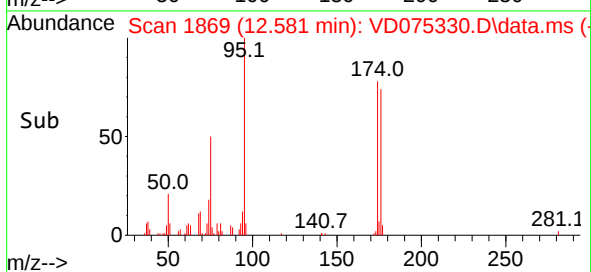
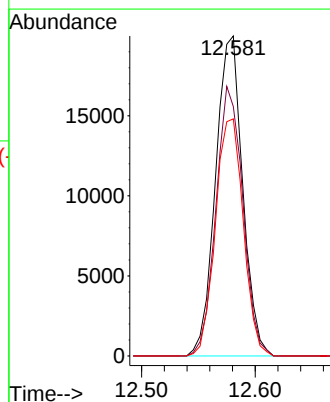
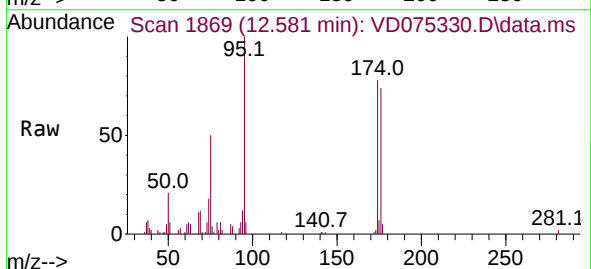
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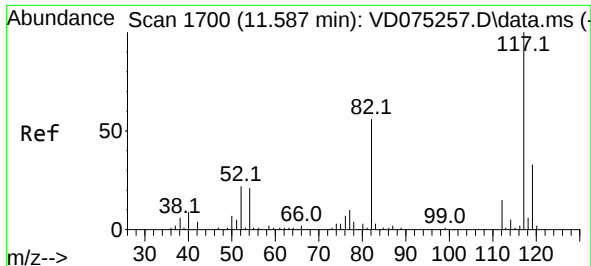
Tgt Ion: 98 Resp: 124096
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 36.645 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion: 95 Resp: 33125
Ion Ratio Lower Upper
95 100
174 83.6 0.0 161.2
176 76.2 0.0 160.2

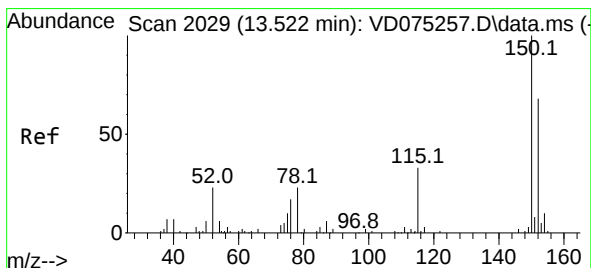
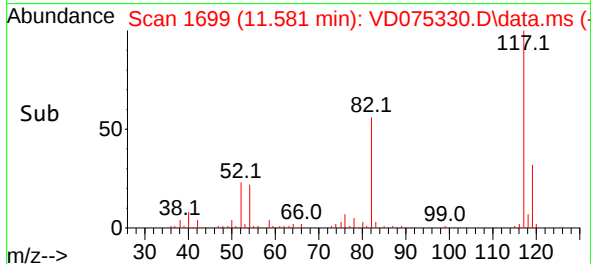
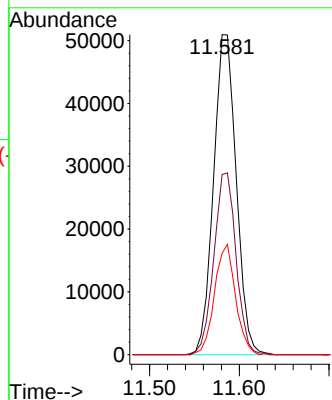
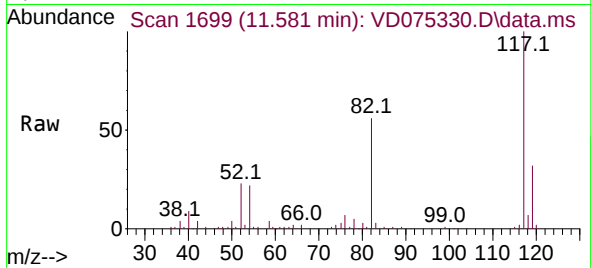




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075330.D
Acq: 13 Feb 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

Tgt Ion:117 Resp: 89591
Ion Ratio Lower Upper
117 100
82 56.3 39.6 59.4
119 31.7 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: VD075330.D
Acq: 13 Feb 2023 16:28

Tgt Ion:152 Resp: 28402
Ion Ratio Lower Upper
152 100
115 61.2 28.8 86.4
150 157.4 0.0 348.6

