

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075182.D
 Acq On : 24 Jan 2023 12:12
 Operator : KP/SY
 Sample : VD0124SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBL01

Quant Time: Jan 25 00:31:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	85882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	166151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	153641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	67308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	45920	52.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.800%
35) Dibromofluoromethane	7.804	113	48757	48.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.269	98	202915	51.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.574	95	64286	51.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.480%

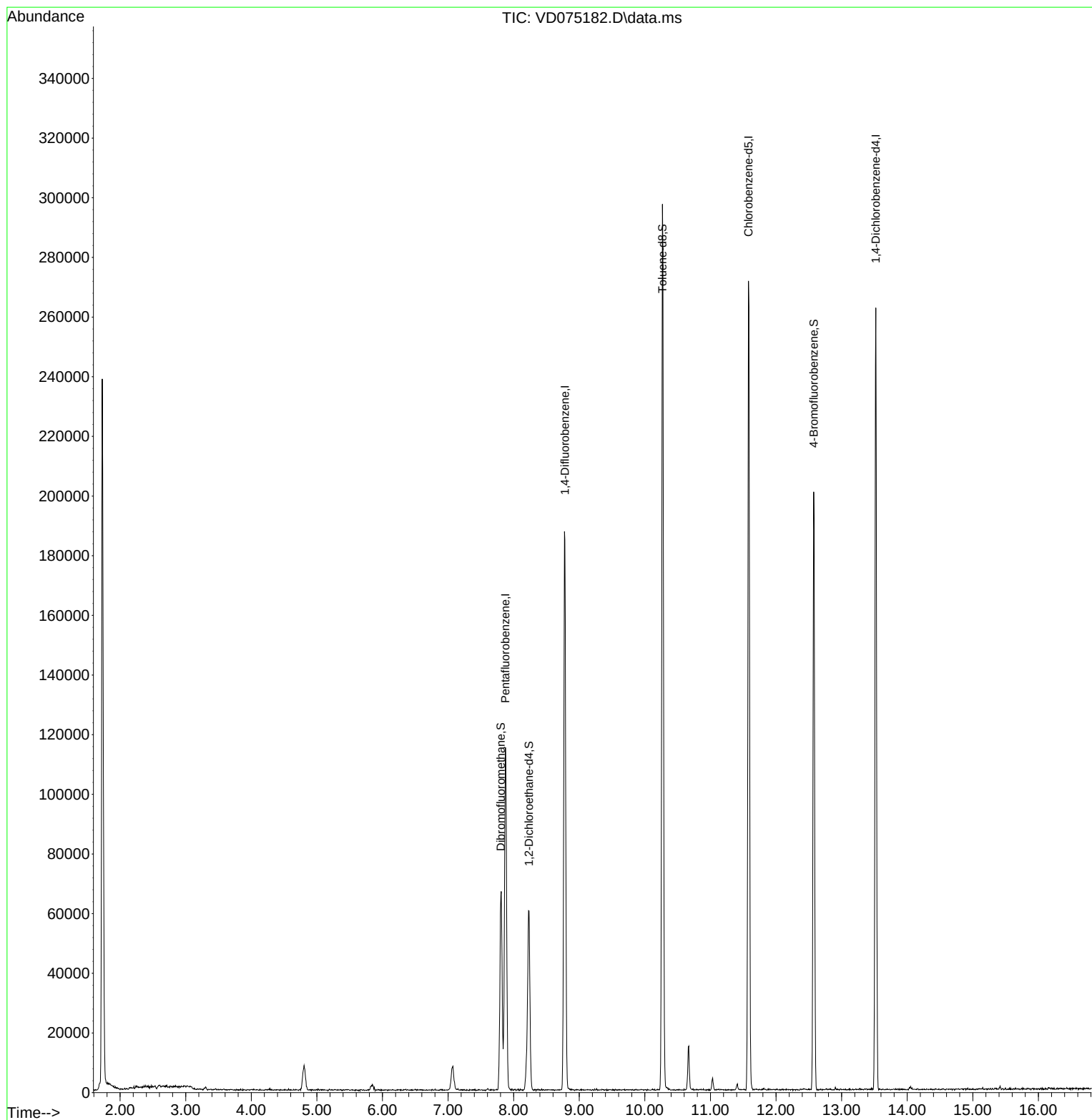
Target Compounds	Qvalue

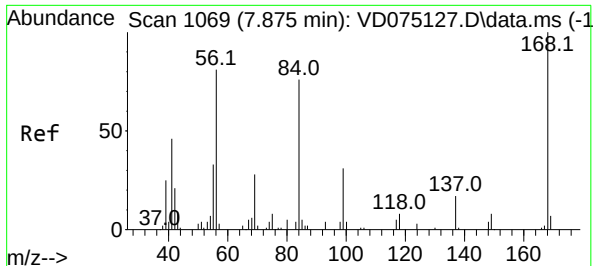
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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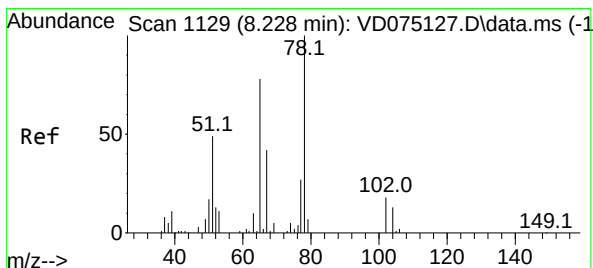
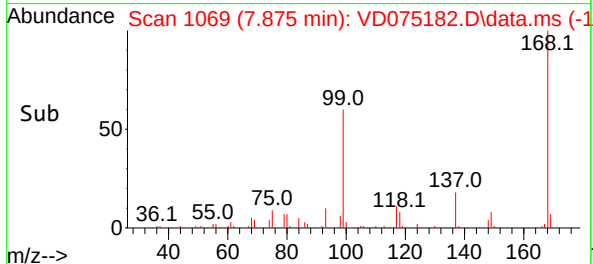
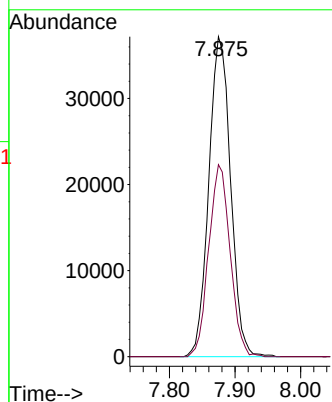
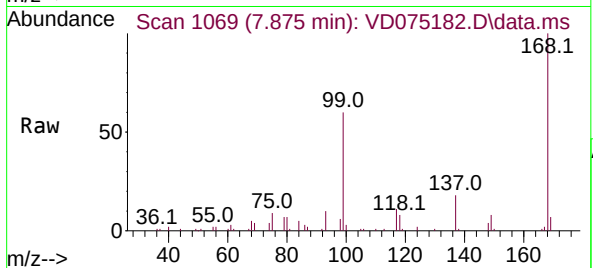




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

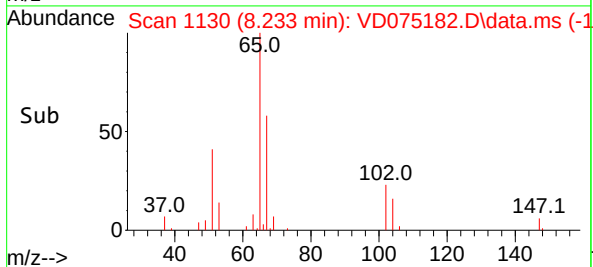
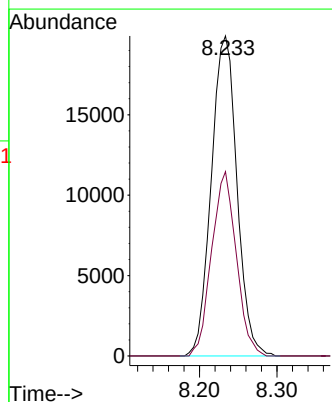
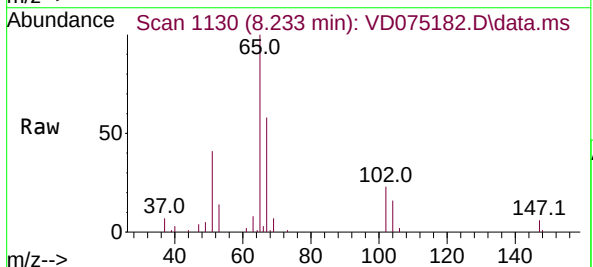
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

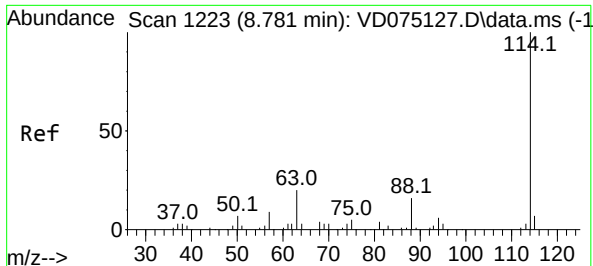
Tgt Ion:168 Resp: 85882
Ion Ratio Lower Upper
168 100
99 60.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.399 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Tgt Ion: 65 Resp: 45920
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD075182.D

Acq: 24 Jan 2023 12:12

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01

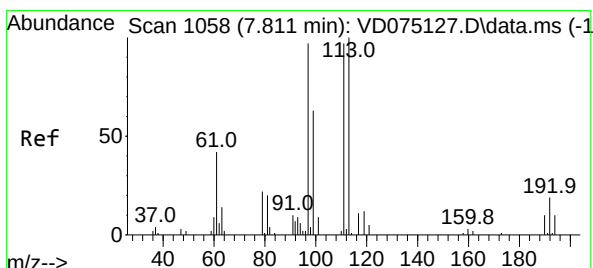
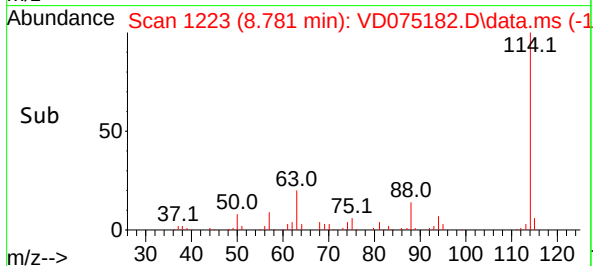
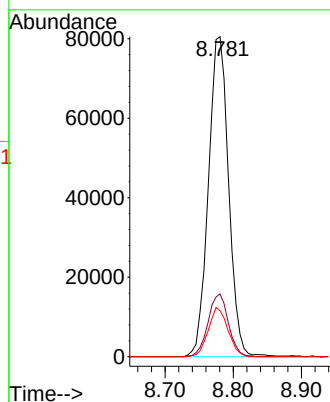
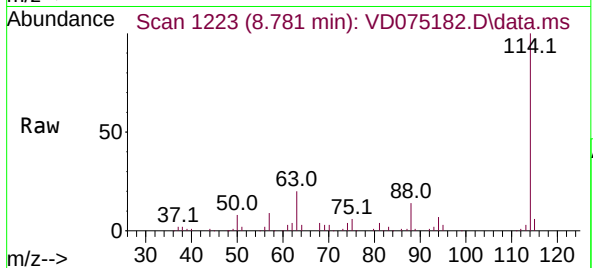
Tgt Ion:114 Resp: 166151

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.563 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075182.D

Acq: 24 Jan 2023 12:12

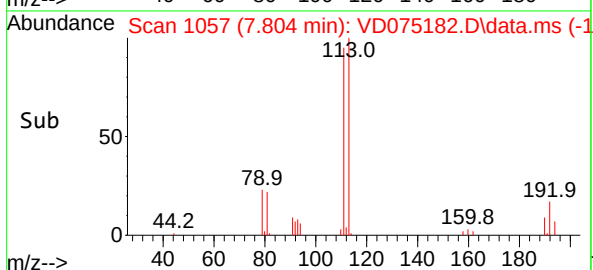
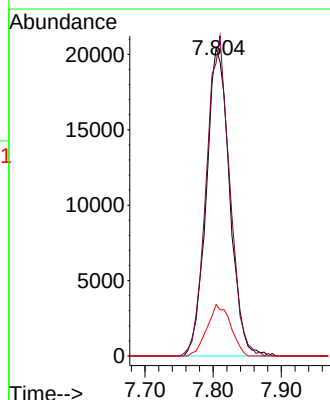
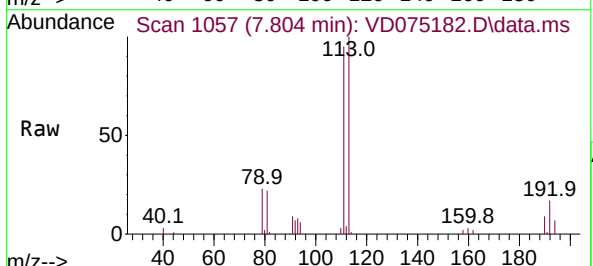
Tgt Ion:113 Resp: 48757

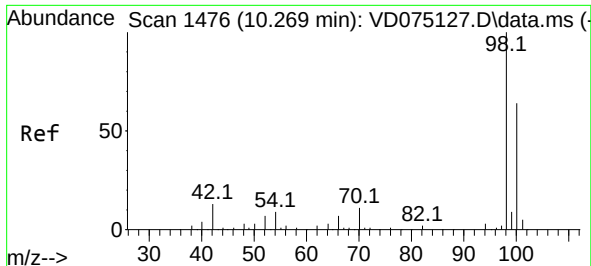
Ion Ratio Lower Upper

113 100

111 103.7 80.1 120.1

192 16.8 15.4 23.0

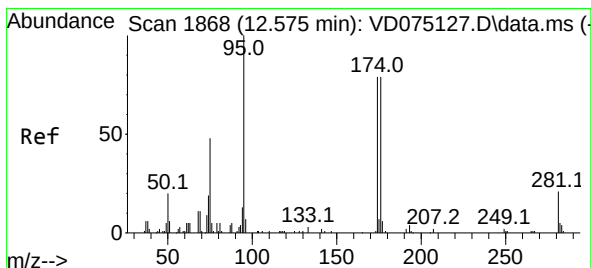
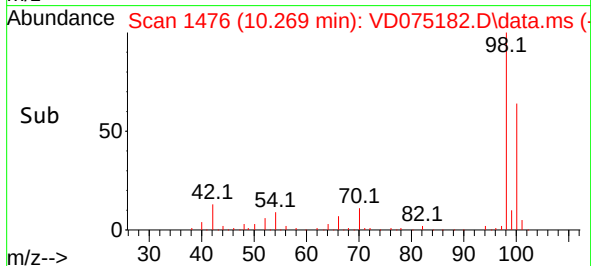
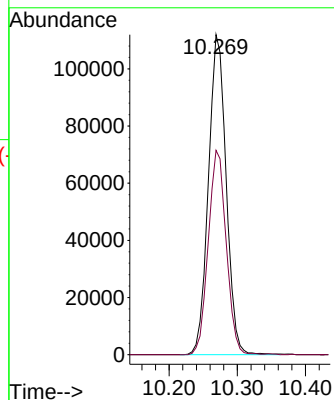
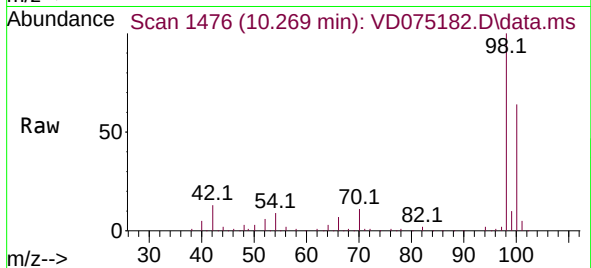




#50
Toluene-d8
Concen: 51.330 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

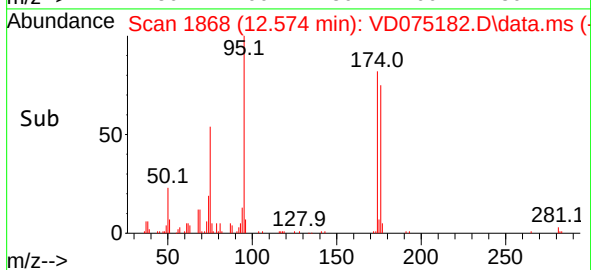
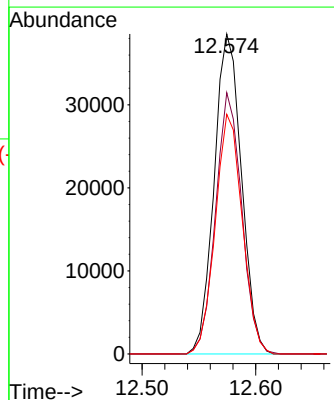
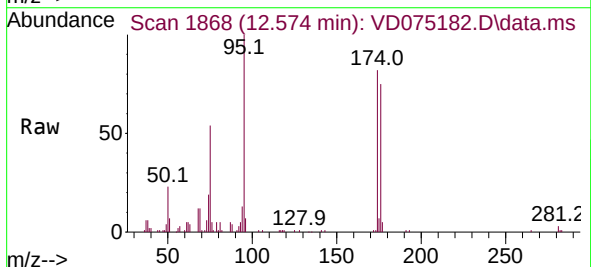
Instrument :
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VD0124SBL01

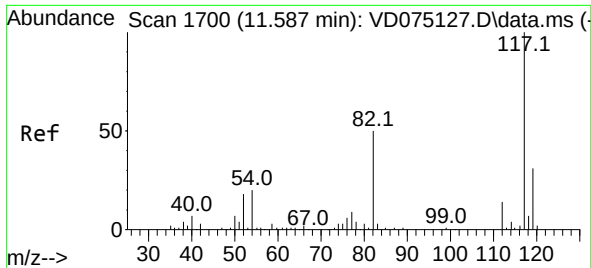
Tgt Ion: 98 Resp: 202915
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.240 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Tgt Ion: 95 Resp: 64286
Ion Ratio Lower Upper
95 100
174 78.3 0.0 161.2
176 74.3 0.0 160.2

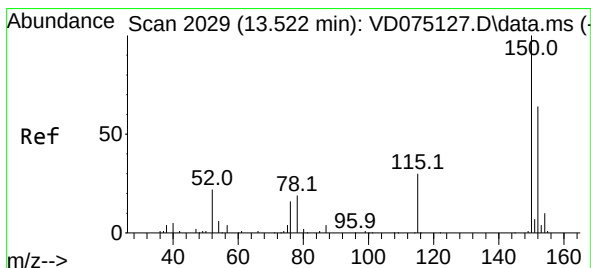
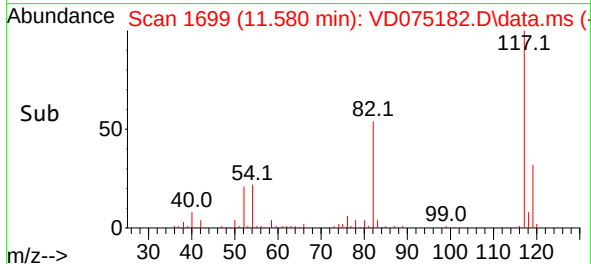
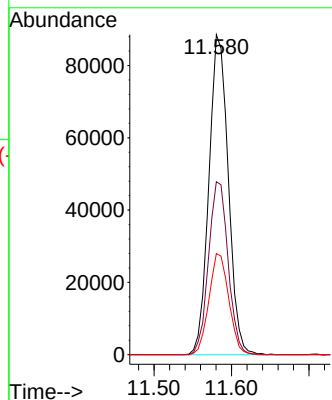
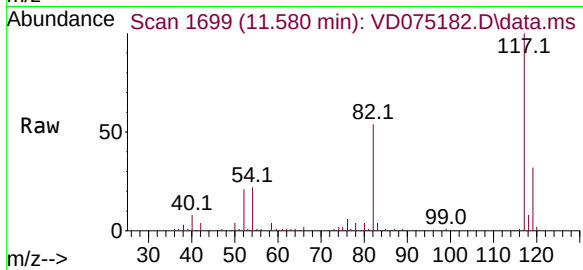




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

Tgt Ion:117 Resp: 153641
Ion Ratio Lower Upper
117 100
82 54.0 39.6 59.4
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. -0.001 min
Lab File: VD075182.D
Acq: 24 Jan 2023 12:12

Tgt Ion:152 Resp: 67308
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.4
150 154.8 0.0 348.6

