

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074463.D
 Acq On : 06 Oct 2022 13:49
 Operator : VA/SY
 Sample : N5014-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Oct 07 01:26:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	4555	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	9435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	4436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3607	89.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.260%#	
35) Dibromofluoromethane	7.805	113	3650	58.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.340%	
50) Toluene-d8	10.263	98	8797	39.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.240%	
62) 4-Bromofluorobenzene	12.569	95	3301	46.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.160%	

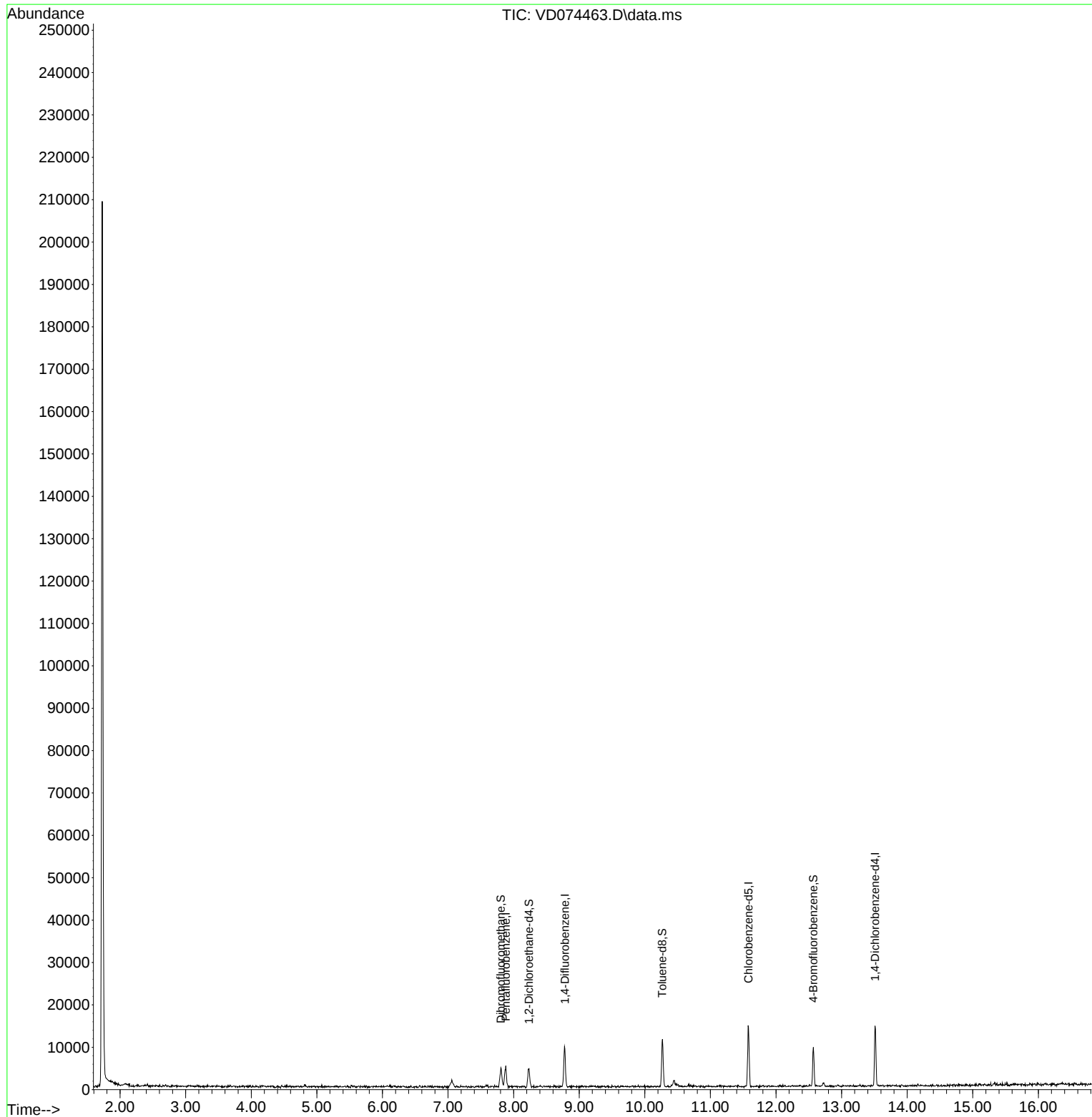
Target Compounds	Qvalue

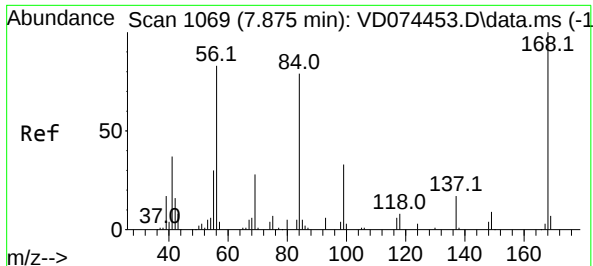
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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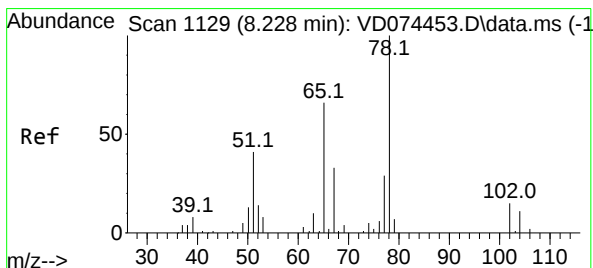
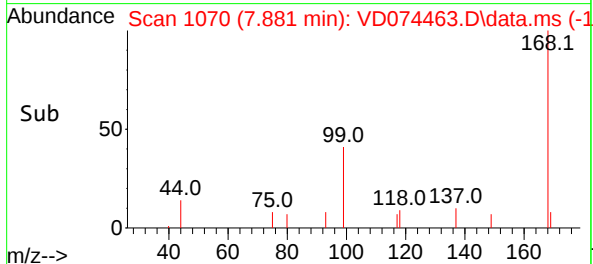
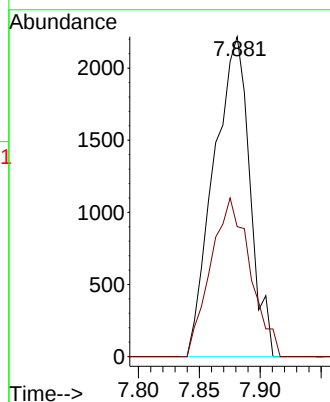
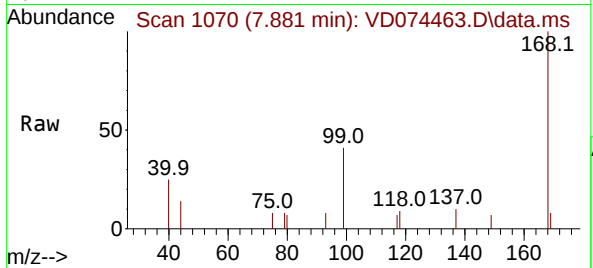




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074463.D
Acq: 06 Oct 2022 13:49

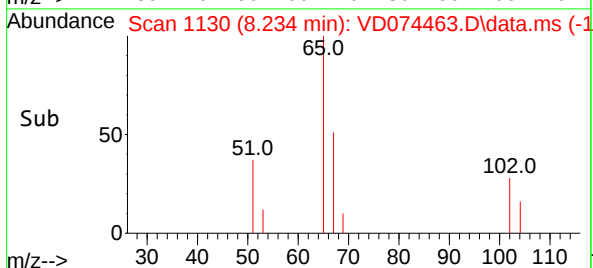
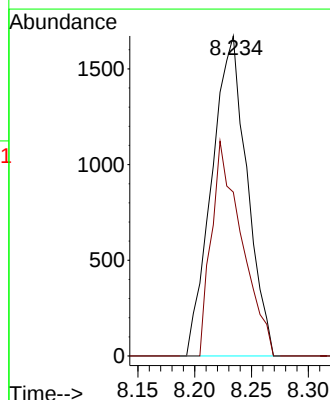
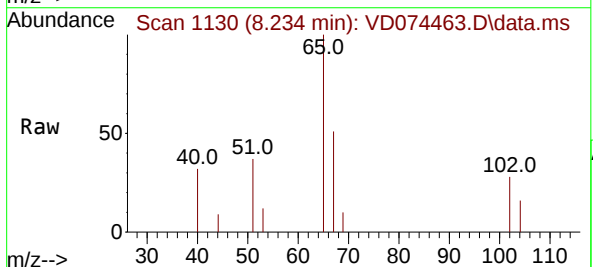
Instrument :
MSVOA_D
ClientSampleId :
SB-04-0-2.0

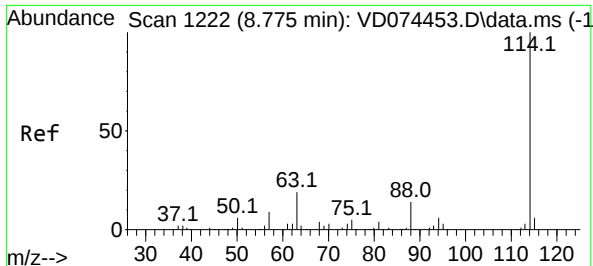
Tgt Ion:168 Resp: 4555
Ion Ratio Lower Upper
168 100
99 40.6 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 89.128 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074463.D
Acq: 06 Oct 2022 13:49

Tgt Ion: 65 Resp: 3607
Ion Ratio Lower Upper
65 100
67 57.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074463.D

Acq: 06 Oct 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :

SB-04-0-2.0

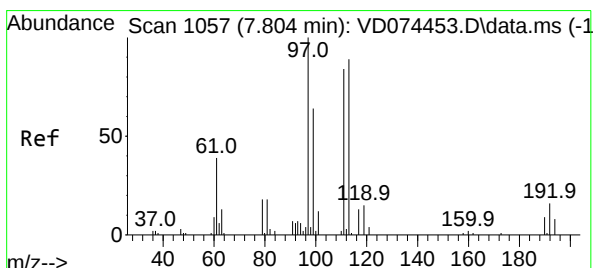
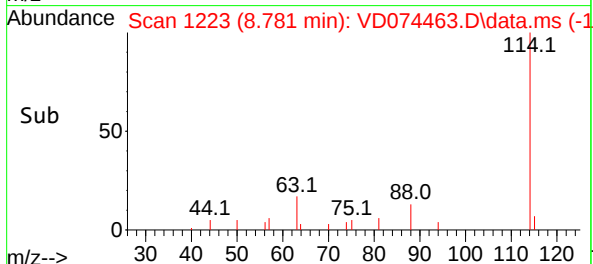
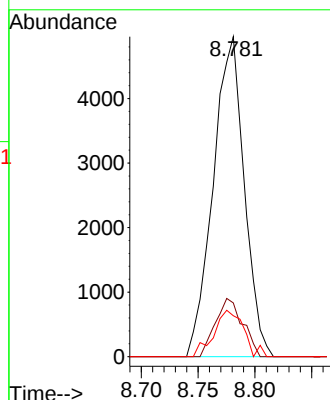
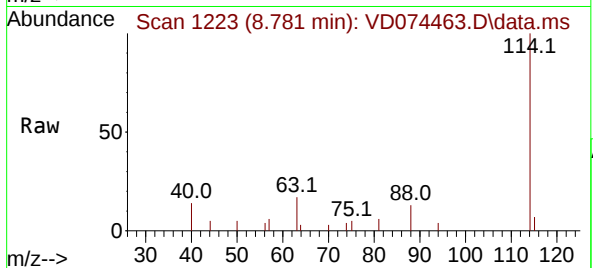
Tgt Ion:114 Resp: 9435

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.667 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074463.D

Acq: 06 Oct 2022 13:49

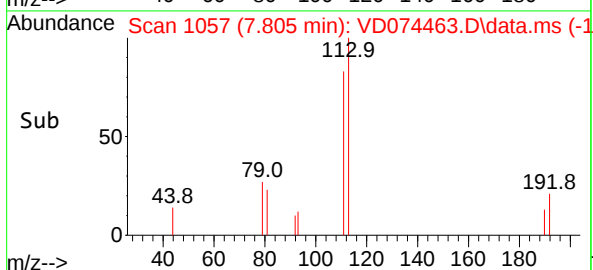
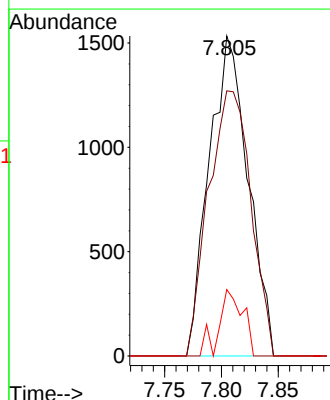
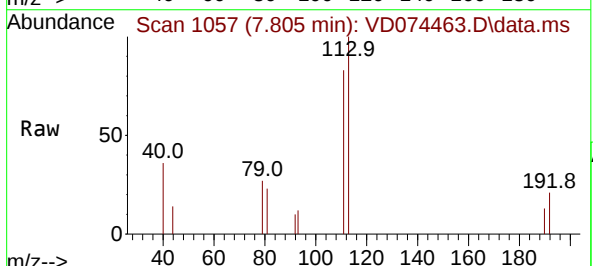
Tgt Ion:113 Resp: 3650

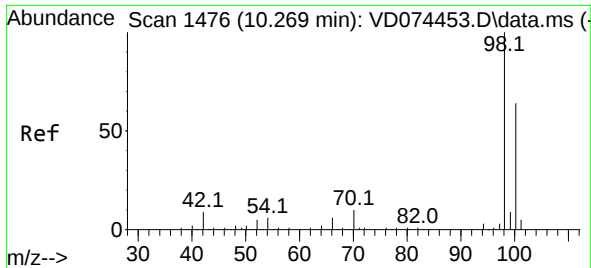
Ion Ratio Lower Upper

113 100

111 90.2 82.3 123.5

192 12.8 16.4 24.6#

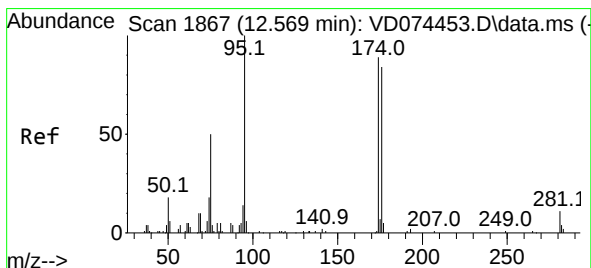
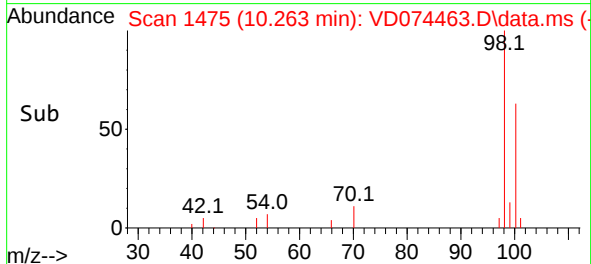
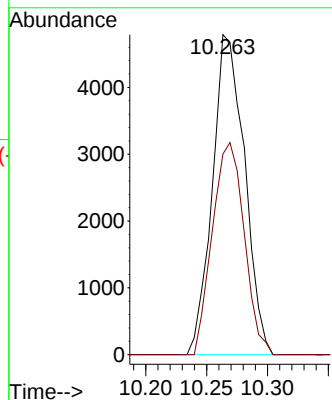
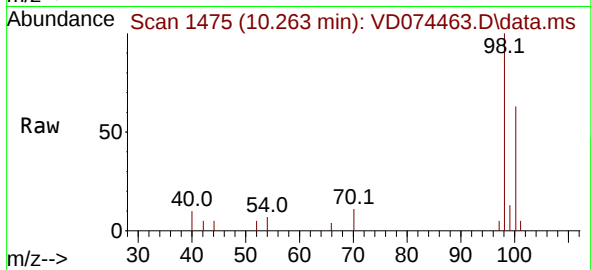




#50
Toluene-d8
Concen: 39.120 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074463.D
Acq: 06 Oct 2022 13:49

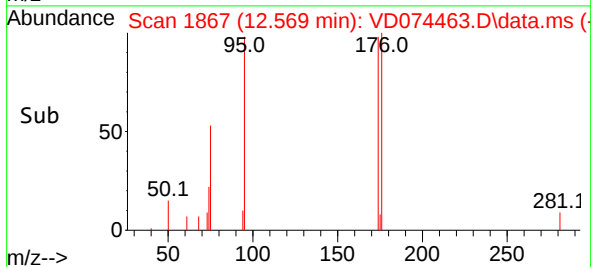
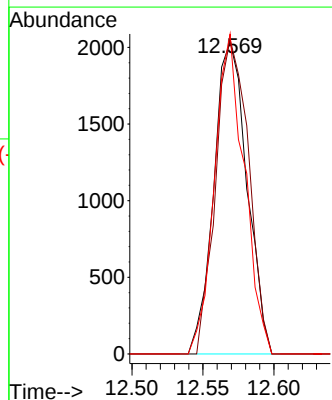
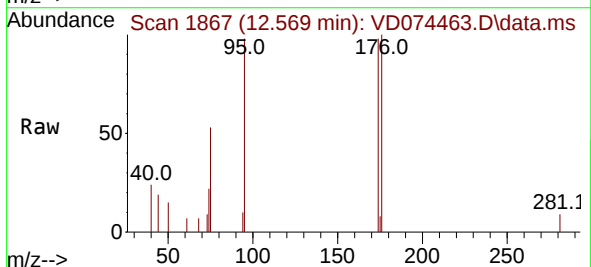
Instrument :
MSVOA_D
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SB-04-0-2.0

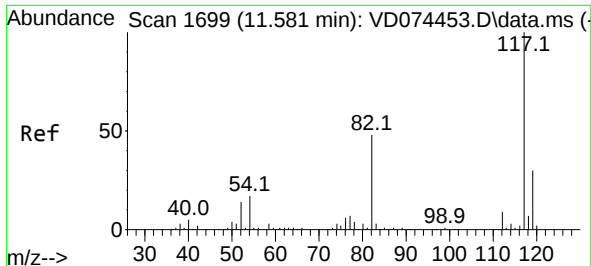
Tgt Ion: 98 Resp: 8797
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.583 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074463.D
Acq: 06 Oct 2022 13:49

Tgt Ion: 95 Resp: 3301
Ion Ratio Lower Upper
95 100
174 100.2 0.0 197.0
176 92.5 0.0 182.6

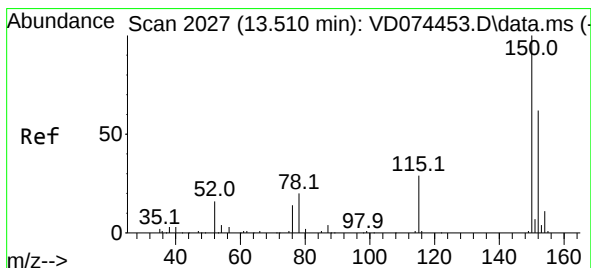
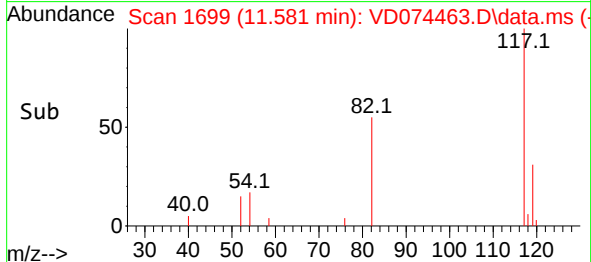
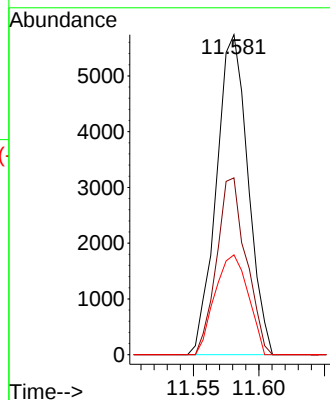
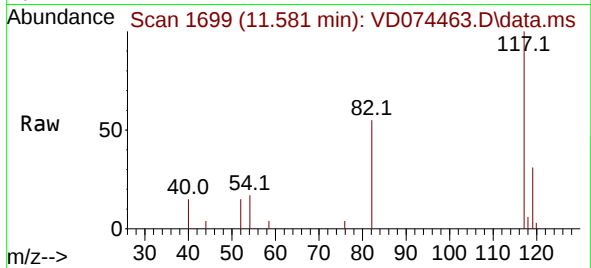




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074463.D
Acq: 06 Oct 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :
SB-04-0-2.0

Tgt Ion:117 Resp: 9623
Ion Ratio Lower Upper
117 100
82 55.3 41.6 62.4
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074463.D
Acq: 06 Oct 2022 13:49

Tgt Ion:152 Resp: 4436
Ion Ratio Lower Upper
152 100
115 57.0 26.8 80.4
150 158.6 0.0 348.2

