

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074563.D
 Acq On : 18 Oct 2022 13:58
 Operator : VA/SY
 Sample : N5172-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-101722

Quant Time: Oct 19 01:35:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	3674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6494	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	3050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3375	106.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.440%#	
35) Dibromofluoromethane	7.804	113	3048	73.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.420%#	
50) Toluene-d8	10.269	98	8684	54.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.575	95	3041	63.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.680%	

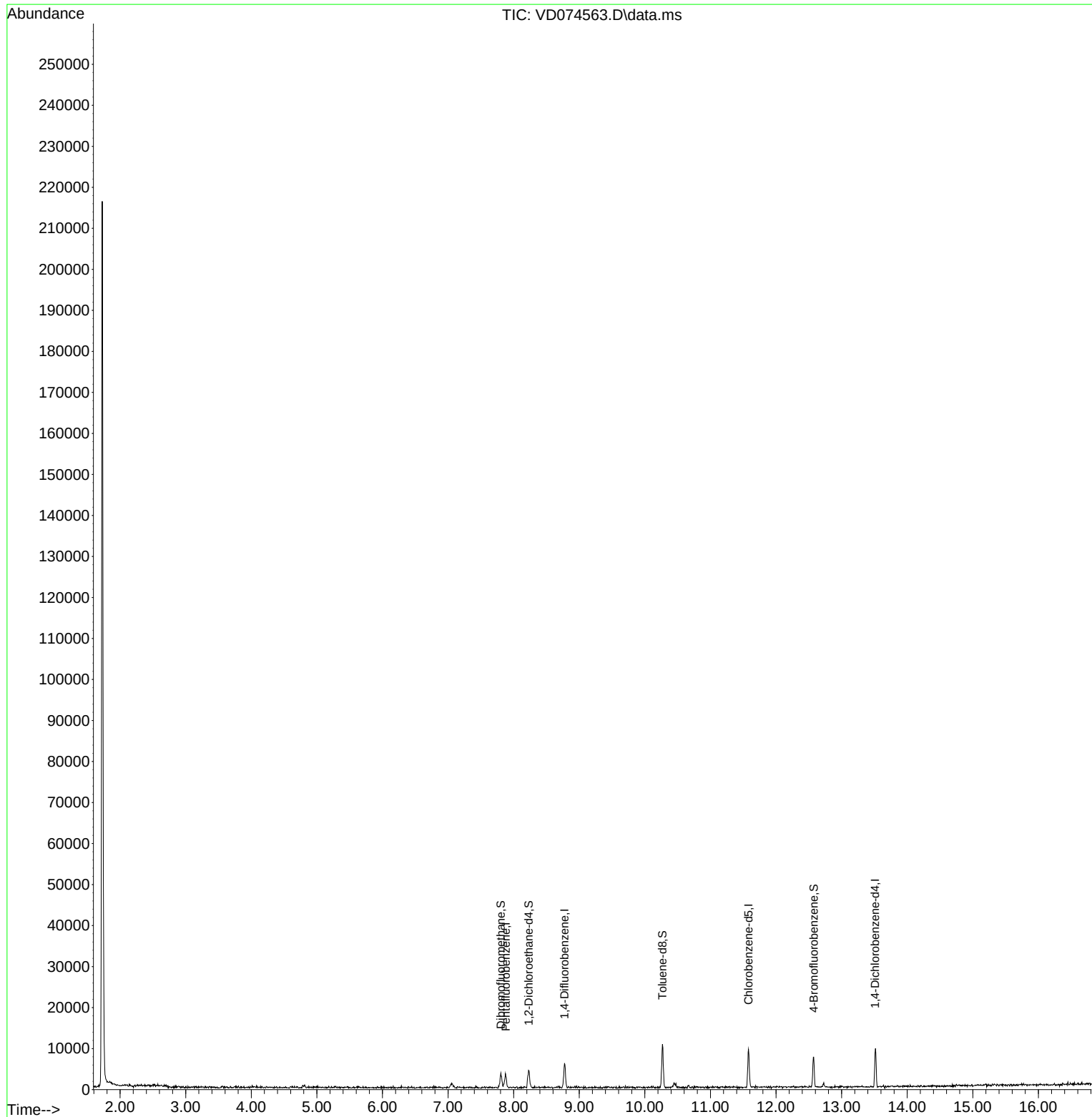
Target Compounds	Qvalue

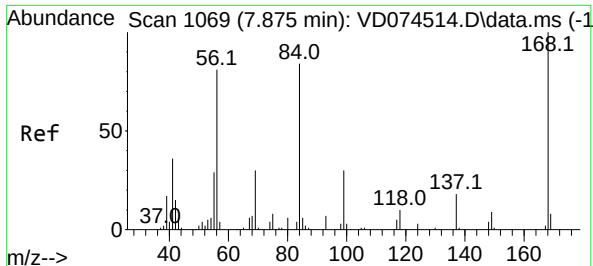
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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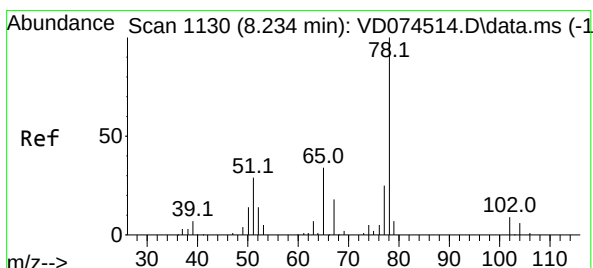
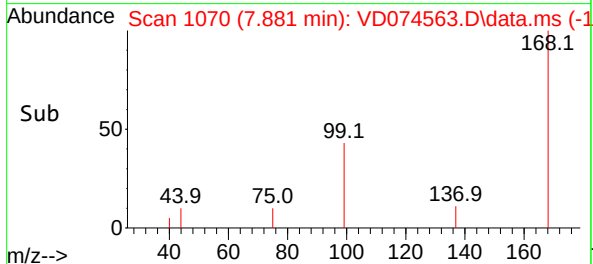
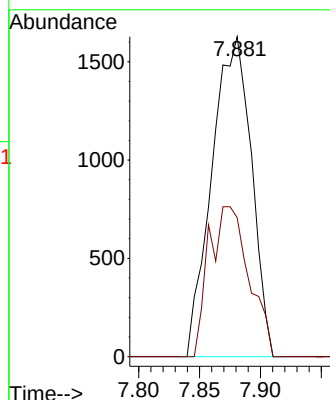
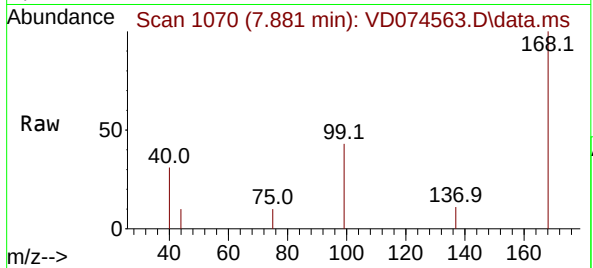




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

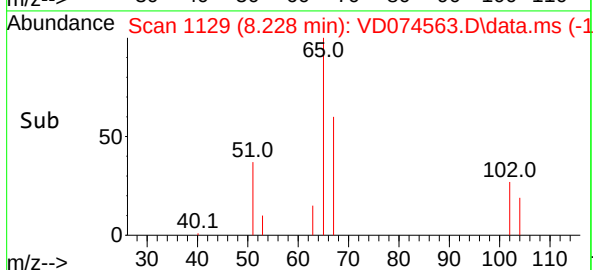
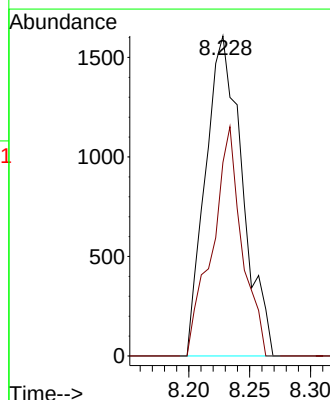
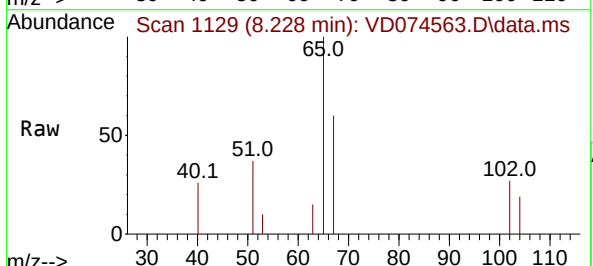
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

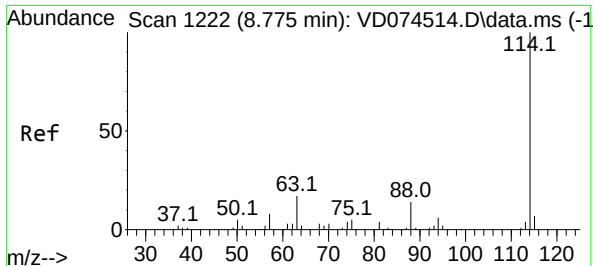
Tgt Ion:168 Resp: 3674
Ion Ratio Lower Upper
168 100
99 43.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 106.722 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion: 65 Resp: 3375
Ion Ratio Lower Upper
65 100
67 57.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074563.D

Acq: 18 Oct 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

BU-02-101722

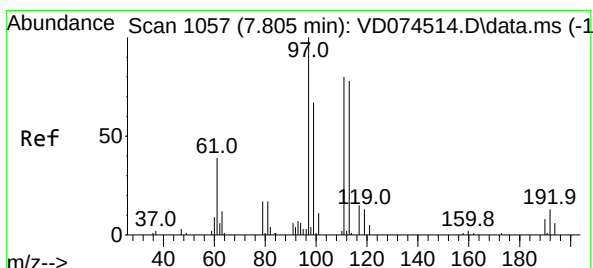
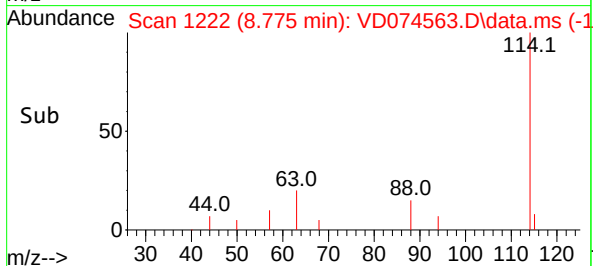
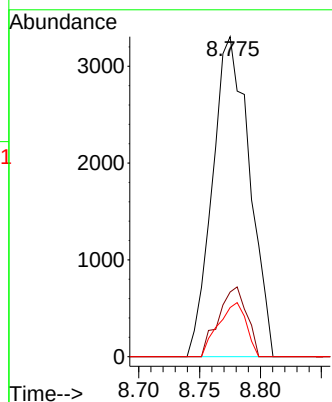
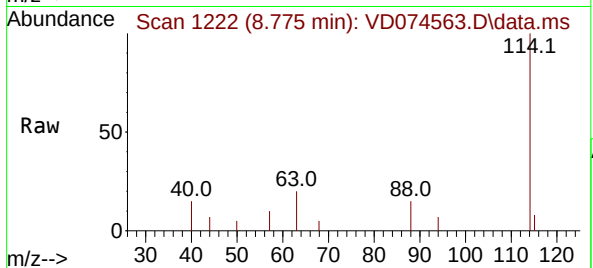
Tgt Ion:114 Resp: 6989

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.2

88 15.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 73.706 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074563.D

Acq: 18 Oct 2022 13:58

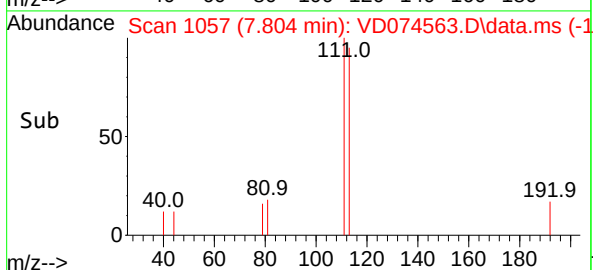
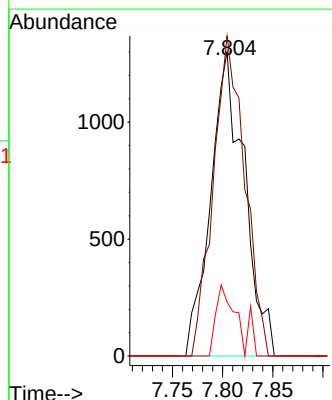
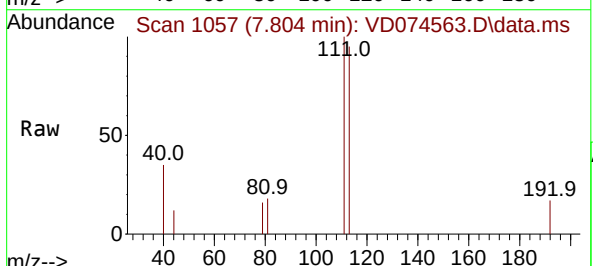
Tgt Ion:113 Resp: 3048

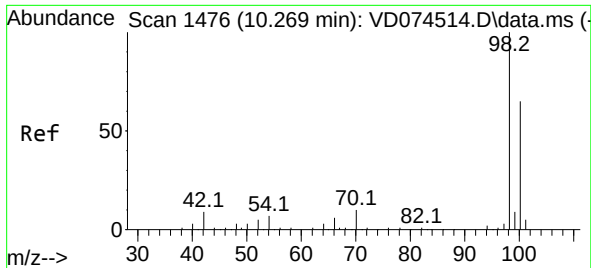
Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

192 12.5 16.4 24.6#

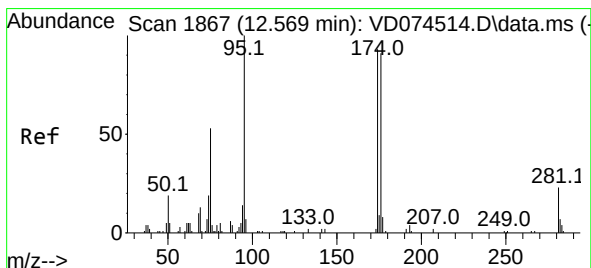
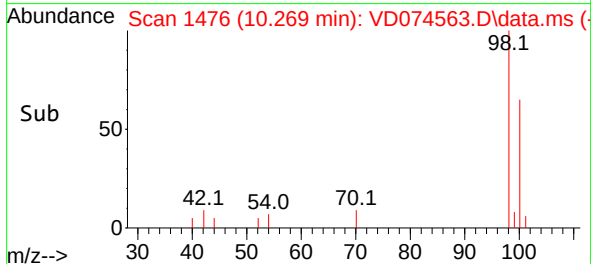
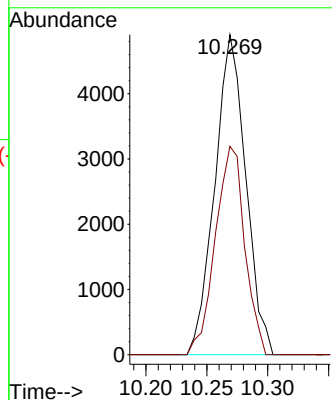
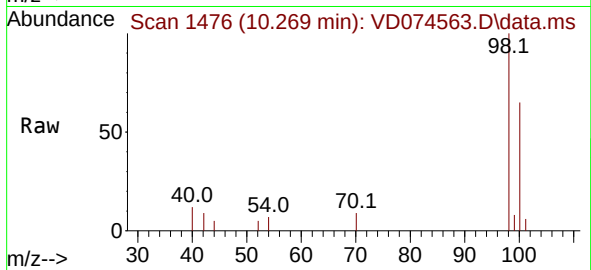




#50
Toluene-d8
Concen: 54.129 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

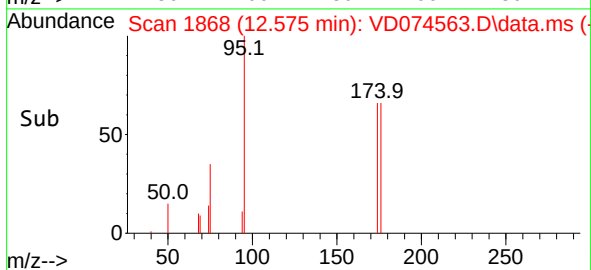
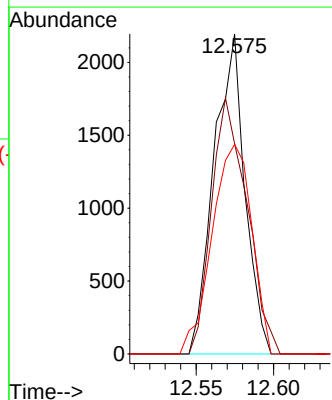
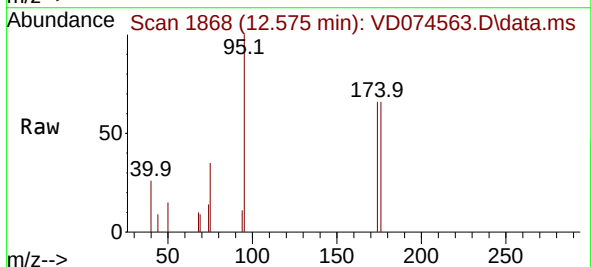
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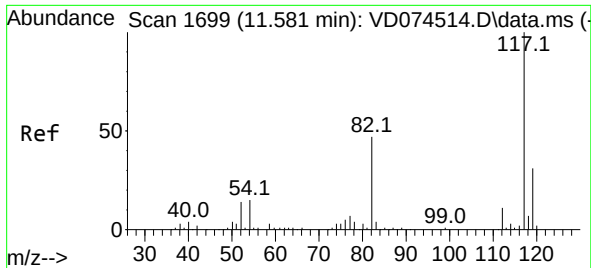
Tgt Ion: 98 Resp: 8684
Ion Ratio Lower Upper
98 100
100 61.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 63.343 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion: 95 Resp: 3041
Ion Ratio Lower Upper
95 100
174 91.6 0.0 197.0
176 84.1 0.0 182.6

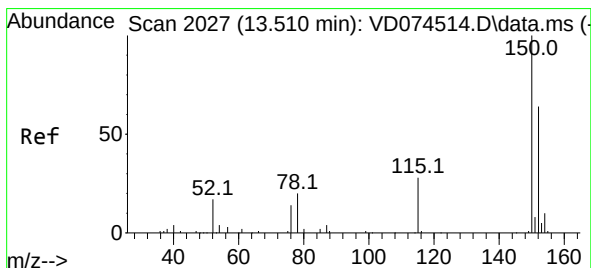
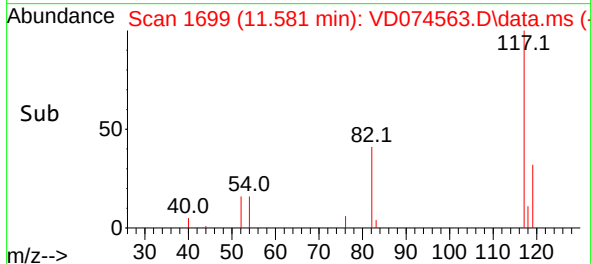
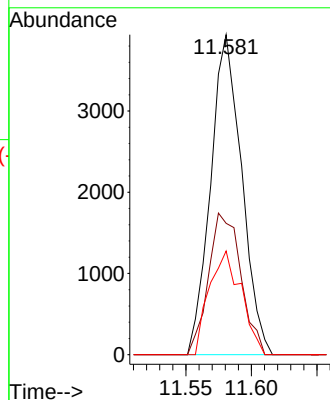
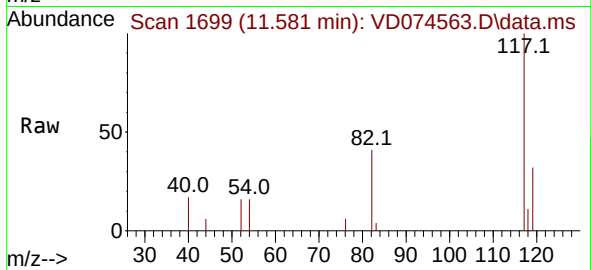




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074563.D
Acq: 18 Oct 2022 13:58

Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

Tgt Ion:117 Resp: 6494
Ion Ratio Lower Upper
117 100
82 41.0 41.6 62.4#
119 32.4 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: VD074563.D
Acq: 18 Oct 2022 13:58

Tgt Ion:152 Resp: 3050
Ion Ratio Lower Upper
152 100
115 49.9 26.8 80.4
150 165.2 0.0 348.2

