

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074694.D
 Acq On : 31 Oct 2022 17:59
 Operator : VA/SY
 Sample : N5341-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2

Quant Time: Nov 01 01:35:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	276083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78796	55.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.640%
35) Dibromofluoromethane	7.804	113	99797	59.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.400%
50) Toluene-d8	10.269	98	341569	52.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.575	95	97350	54.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.340%

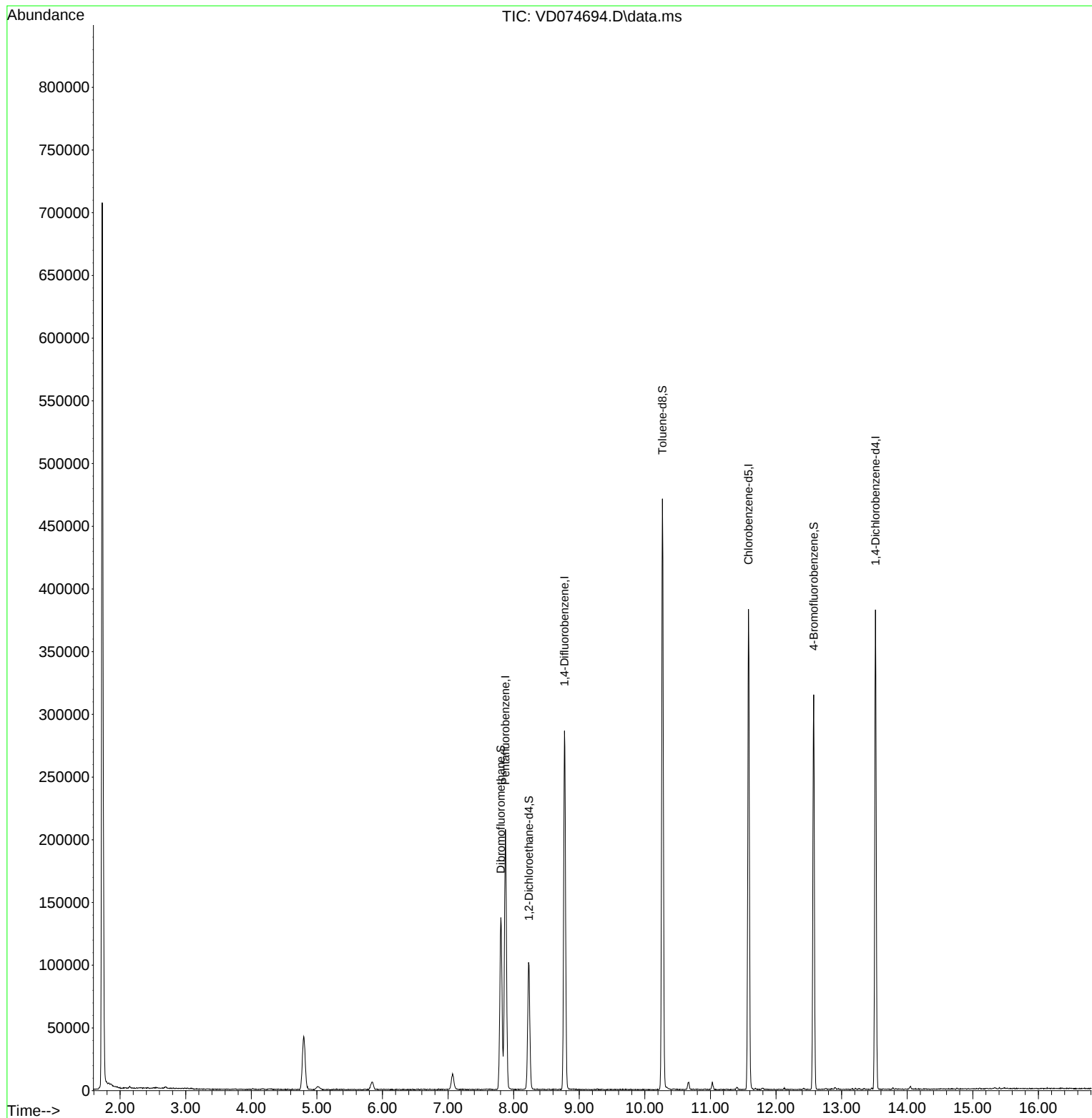
Target Compounds	Qvalue

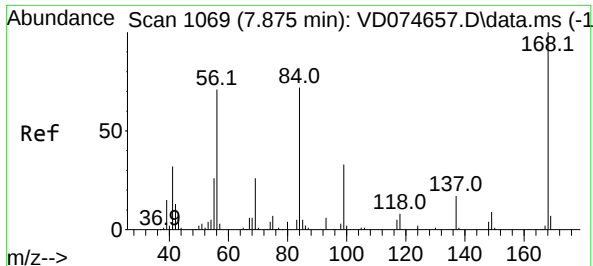
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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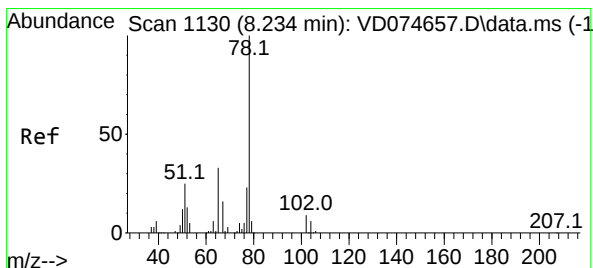
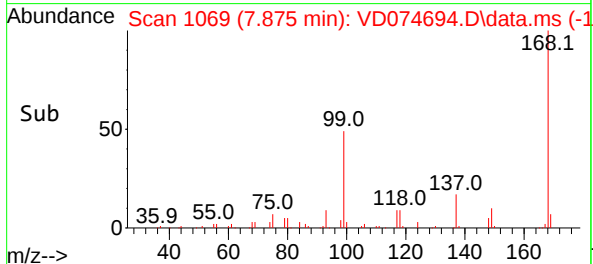
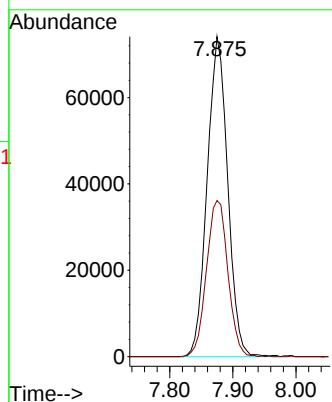
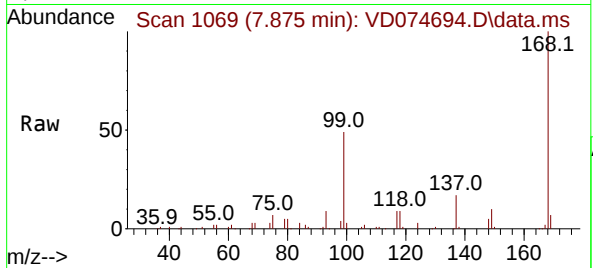




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074694.D
Acq: 31 Oct 2022 17:59

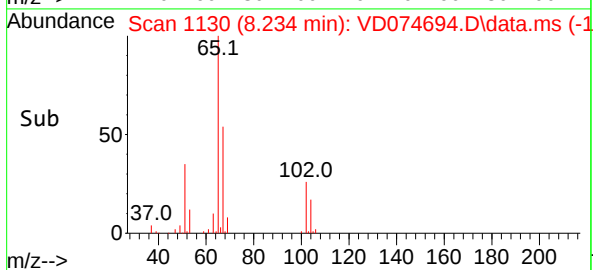
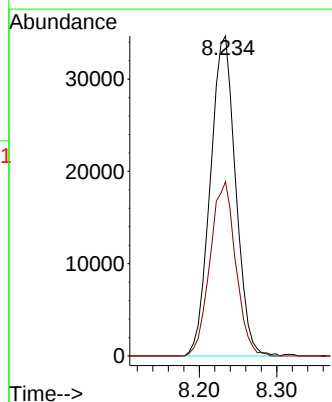
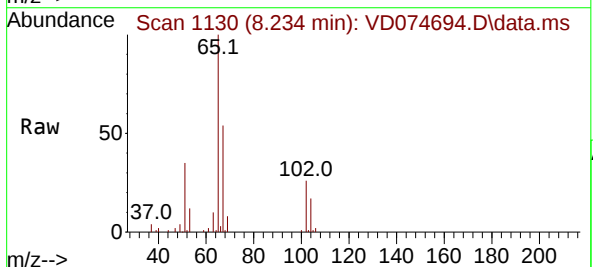
Instrument :
MSVOA_D
ClientSampleId :
WC-2

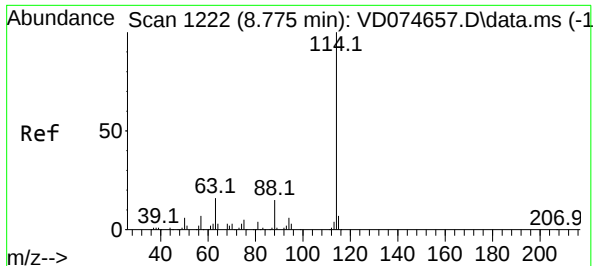
Tgt Ion:168 Resp: 167236
Ion Ratio Lower Upper
168 100
99 48.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 55.824 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074694.D
Acq: 31 Oct 2022 17:59

Tgt Ion: 65 Resp: 78796
Ion Ratio Lower Upper
65 100
67 55.1 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: VD074694.D

Acq: 31 Oct 2022 17:59

Instrument :

MSVOA_D

ClientSampleId :

WC-2

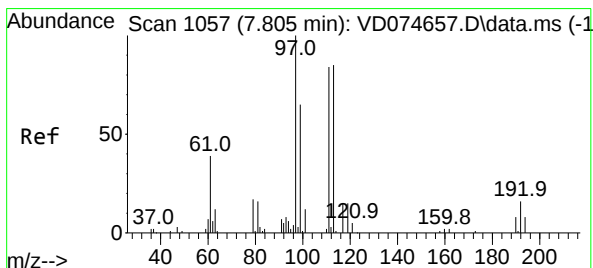
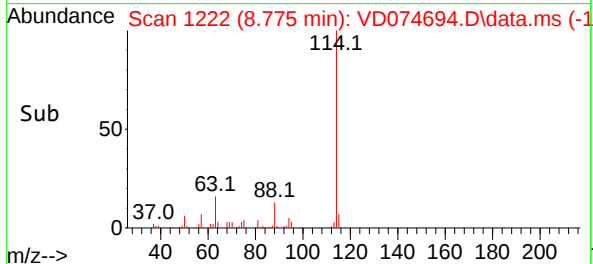
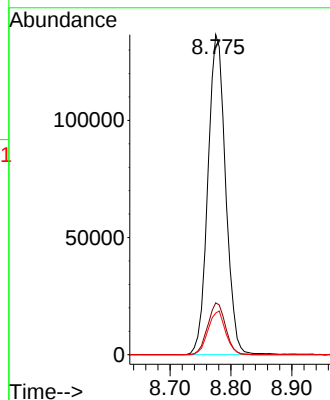
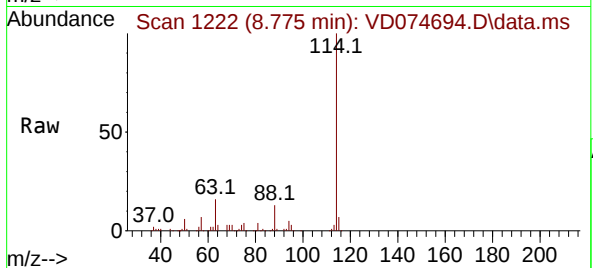
Tgt Ion:114 Resp: 276083

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 13.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.198 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074694.D

Acq: 31 Oct 2022 17:59

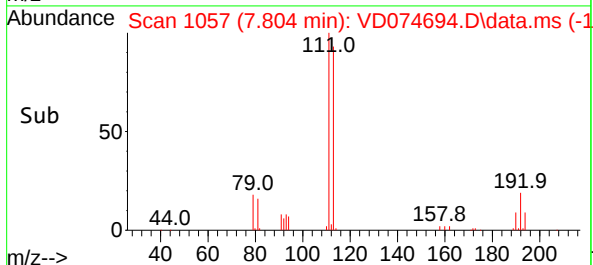
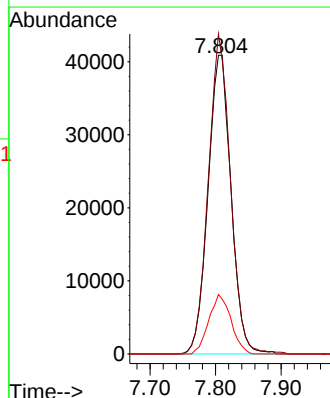
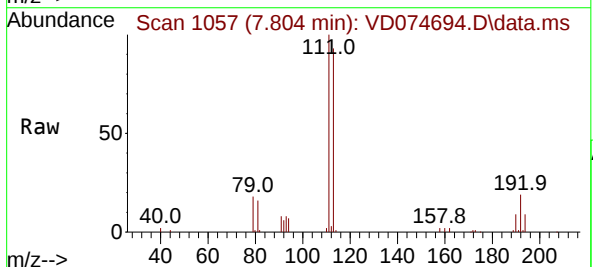
Tgt Ion:113 Resp: 99797

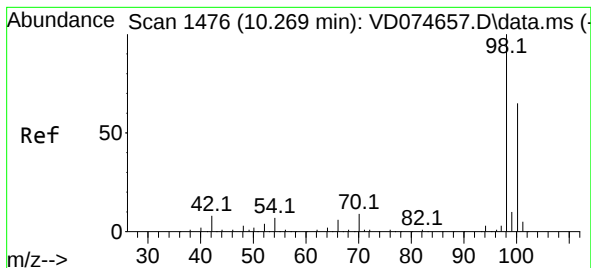
Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

192 19.1 16.4 24.6

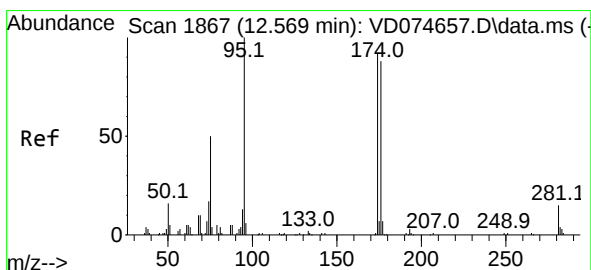
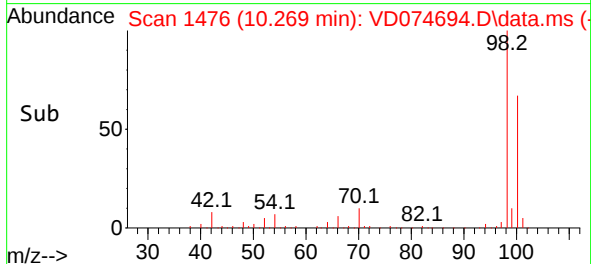
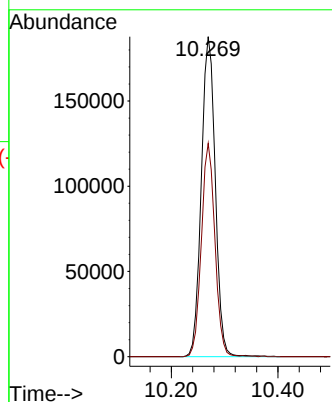
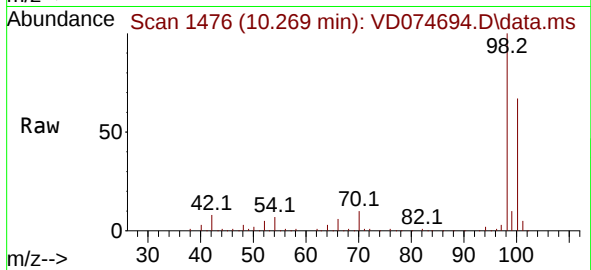




#50
Toluene-d8
Concen: 52.686 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074694.D
Acq: 31 Oct 2022 17:59

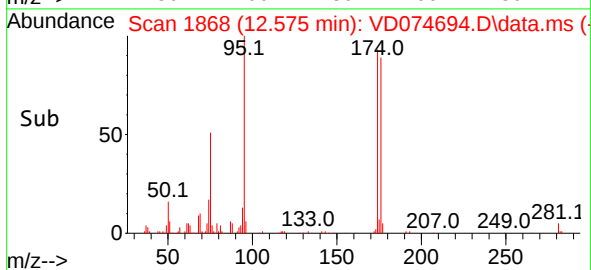
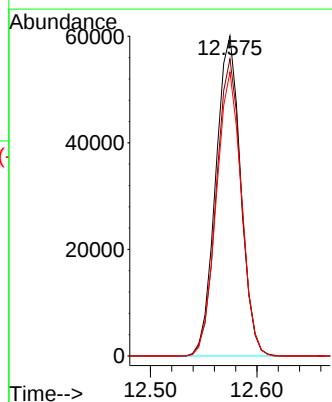
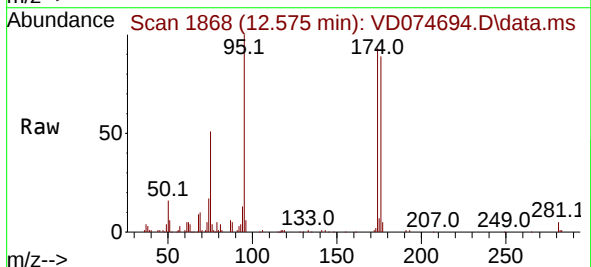
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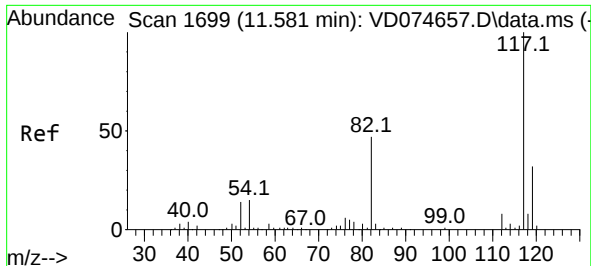
Tgt Ion: 98 Resp: 341569
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.675 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074694.D
Acq: 31 Oct 2022 17:59

Tgt Ion: 95 Resp: 97350
Ion Ratio Lower Upper
95 100
174 92.6 0.0 197.0
176 89.3 0.0 182.6

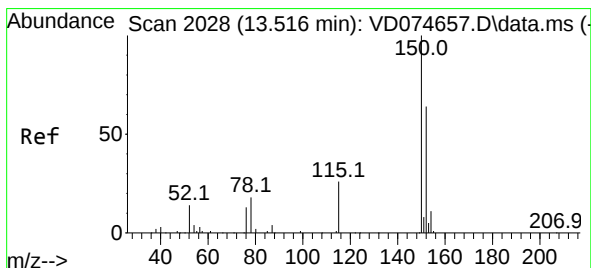
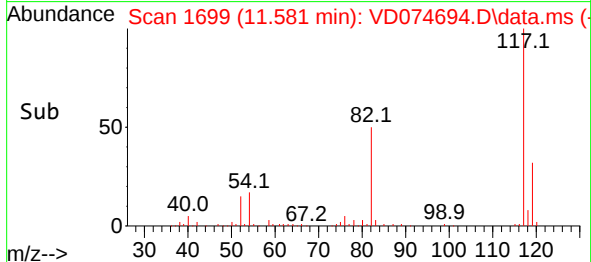
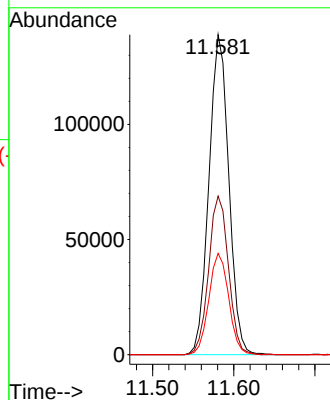
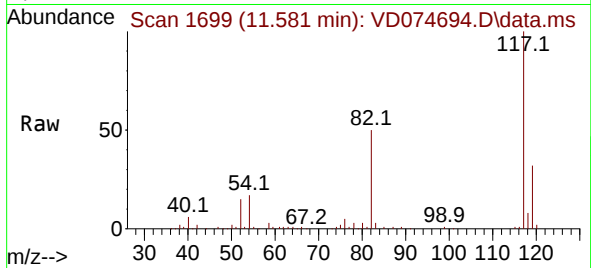




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074694.D
Acq: 31 Oct 2022 17:59

Instrument :
MSVOA_D
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 236014
Ion Ratio Lower Upper
117 100
82 49.6 41.6 62.4
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074694.D
Acq: 31 Oct 2022 17:59

Tgt Ion:152 Resp: 107190
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 155.6 0.0 348.2

