

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074920.D
 Acq On : 12 Nov 2022 06:57
 Operator : VA/SY
 Sample : N5531-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08RE

Quant Time: Nov 14 01:00:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	214653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	164597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	65612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76432	107.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	214.180%#
35) Dibromofluoromethane	7.804	113	91623	69.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.480%
50) Toluene-d8	10.269	98	233288	53.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.575	95	65281	48.776	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.560%

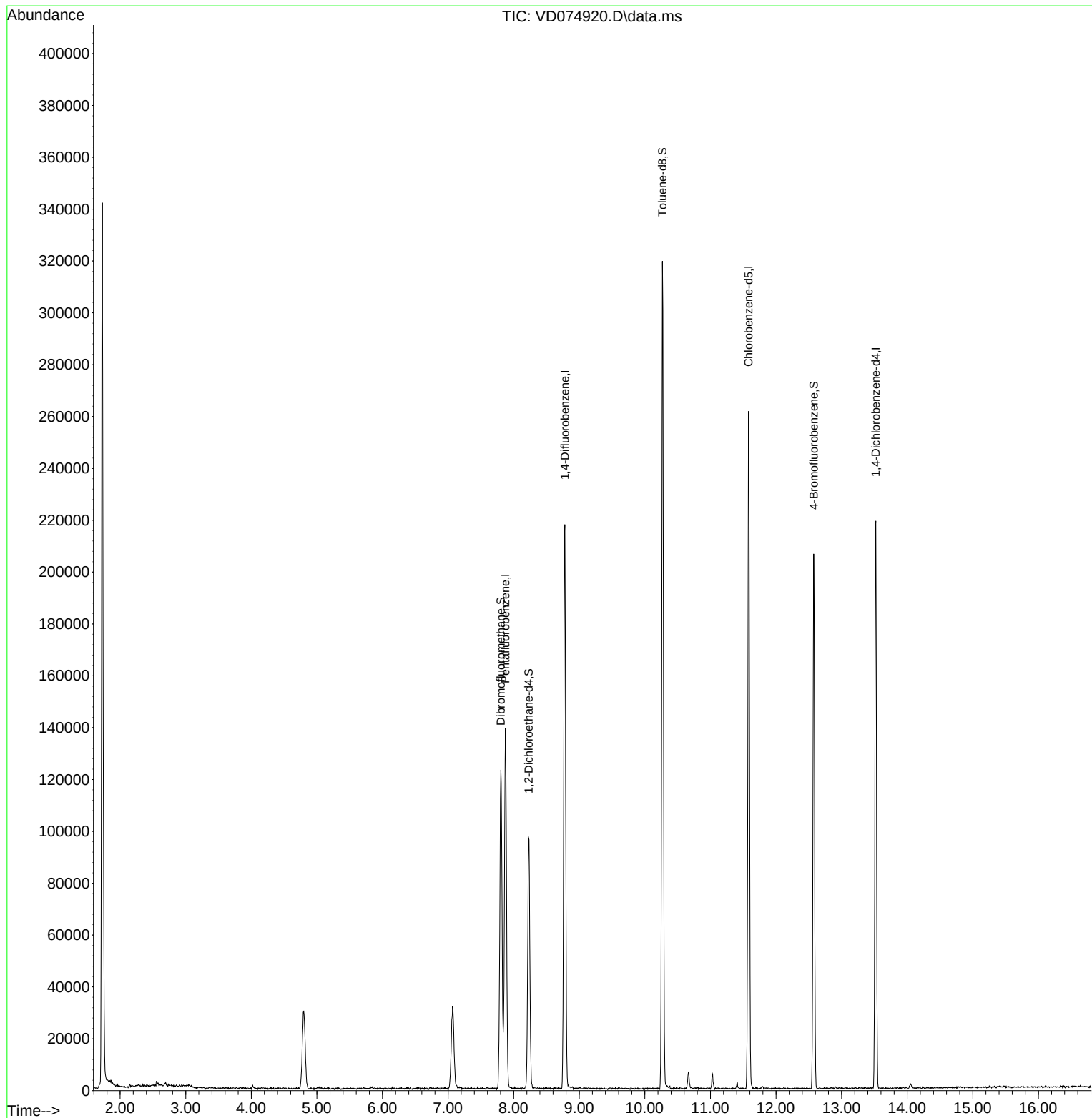
Target Compounds	Qvalue

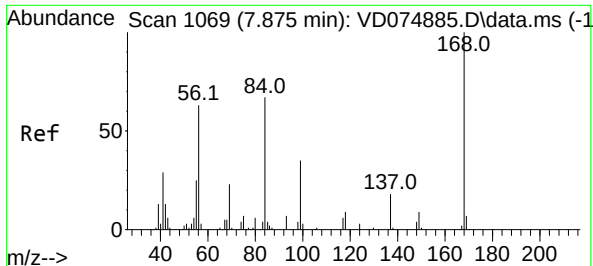
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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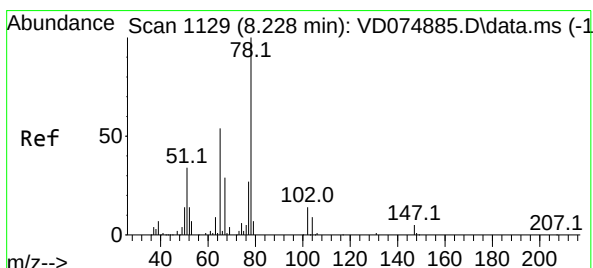
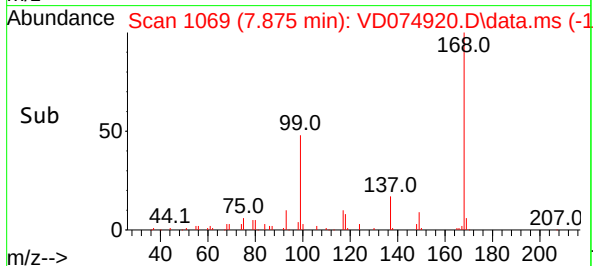
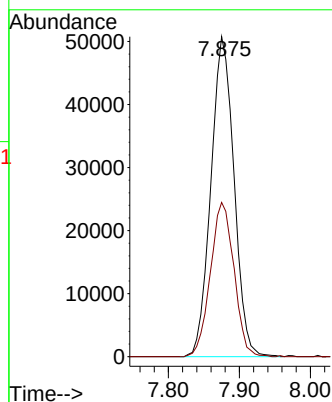
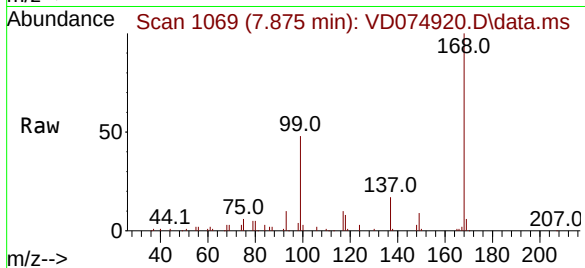




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074920.D
Acq: 12 Nov 2022 06:57

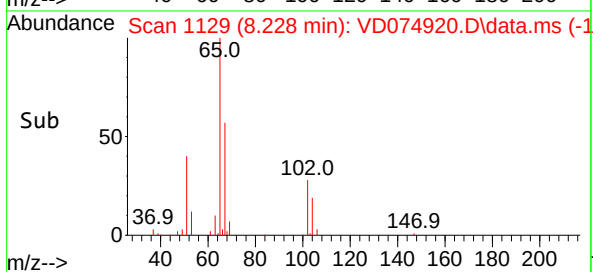
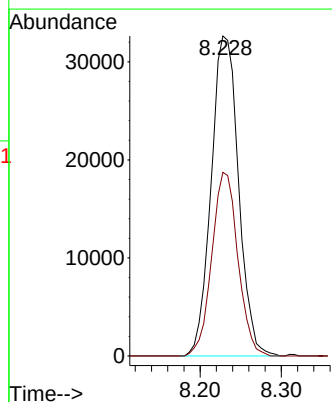
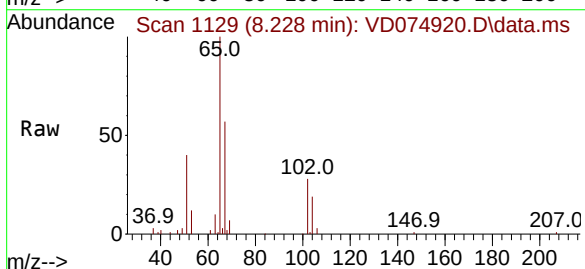
Instrument :
MSVOA_D
ClientSampleId :
SB-08RE

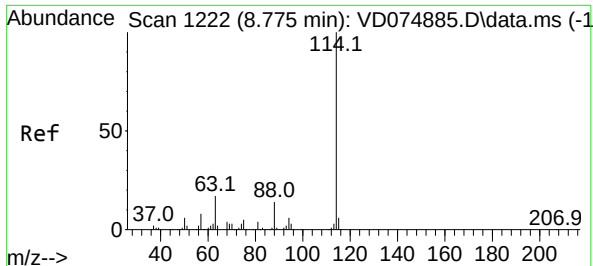
Tgt Ion:168 Resp: 114652
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 107.093 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074920.D
Acq: 12 Nov 2022 06:57

Tgt Ion: 65 Resp: 76432
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074920.D

Acq: 12 Nov 2022 06:57

Instrument :

MSVOA_D

ClientSampleId :

SB-08RE

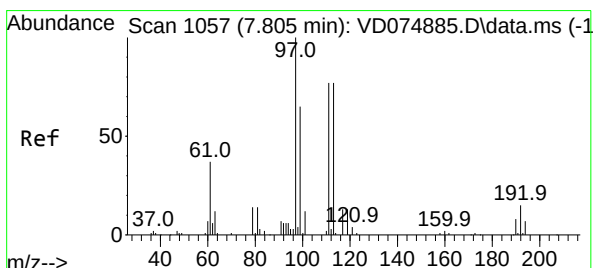
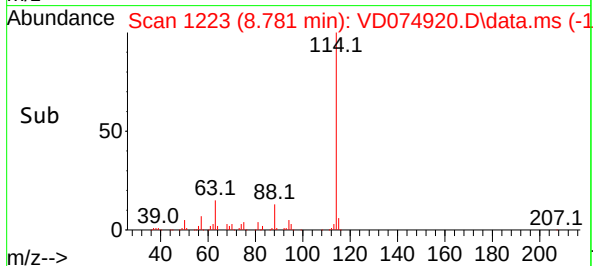
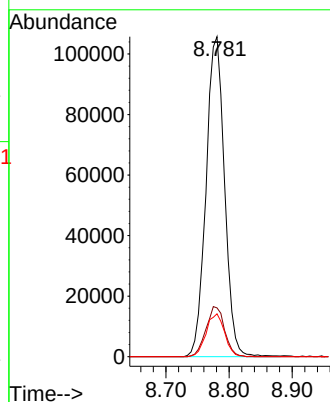
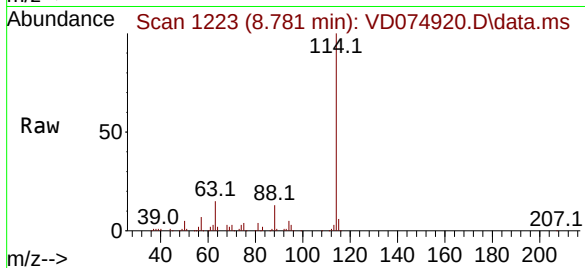
Tgt Ion:114 Resp: 214653

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.244 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074920.D

Acq: 12 Nov 2022 06:57

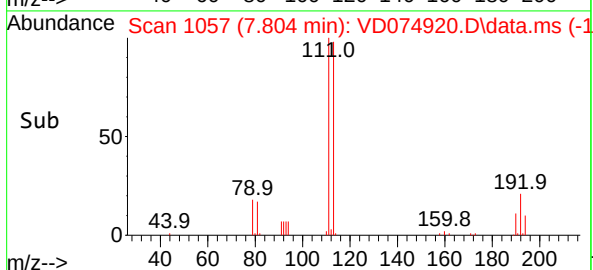
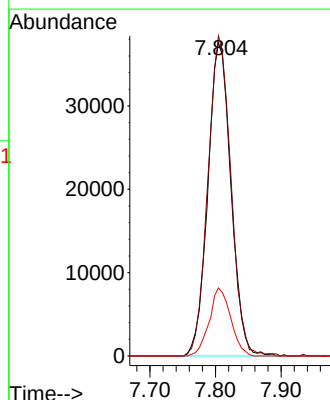
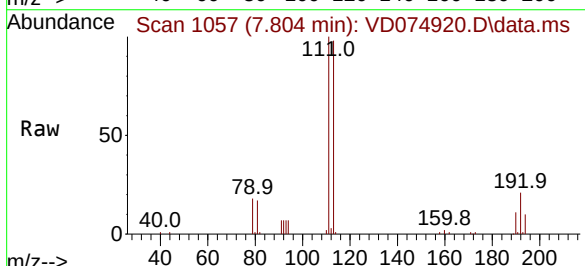
Tgt Ion:113 Resp: 91623

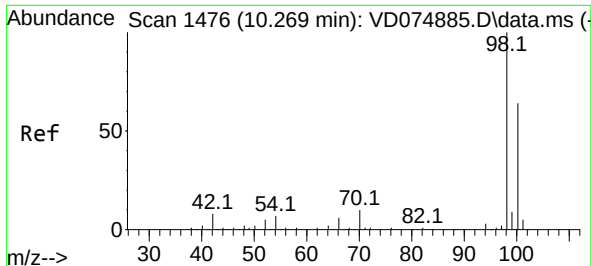
Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

192 20.2 16.4 24.6

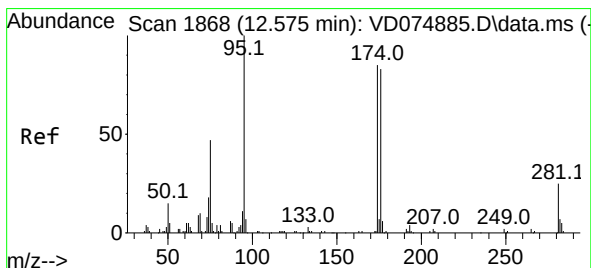
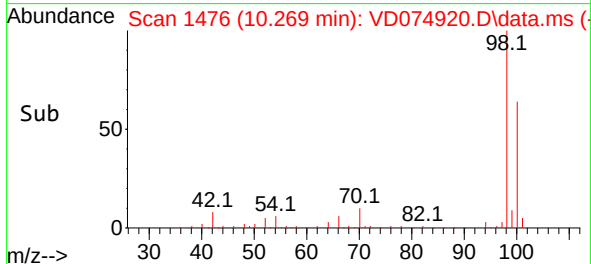
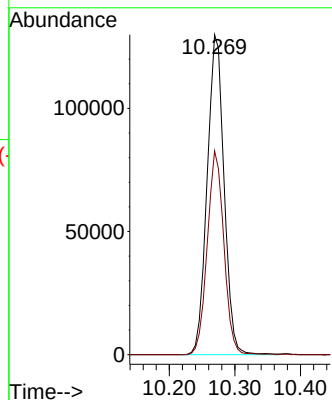
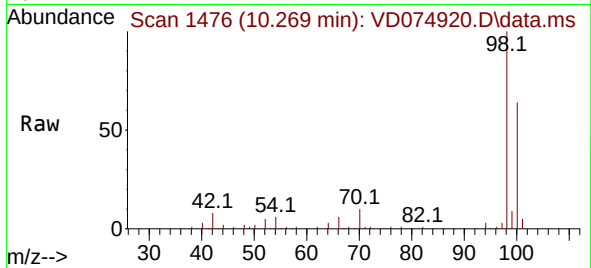




#50
Toluene-d8
Concen: 53.523 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074920.D
Acq: 12 Nov 2022 06:57

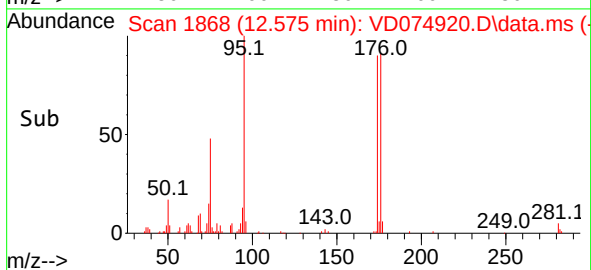
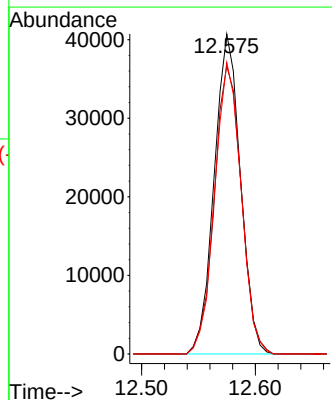
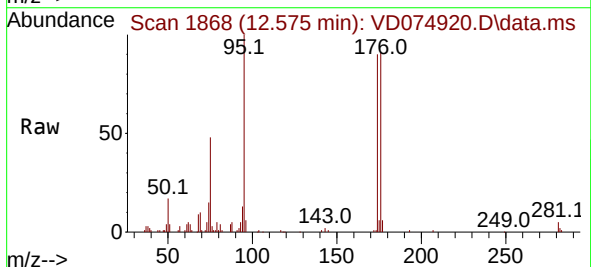
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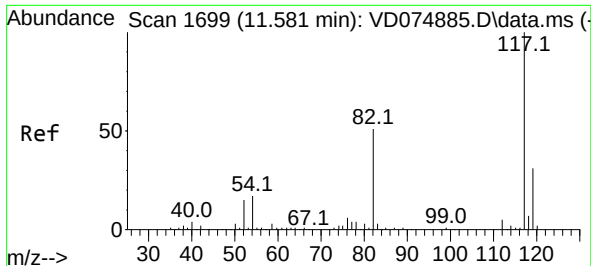
Tgt Ion: 98 Resp: 233288
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074920.D
Acq: 12 Nov 2022 06:57

Tgt Ion: 95 Resp: 65281
Ion Ratio Lower Upper
95 100
174 93.0 0.0 197.0
176 91.7 0.0 182.6

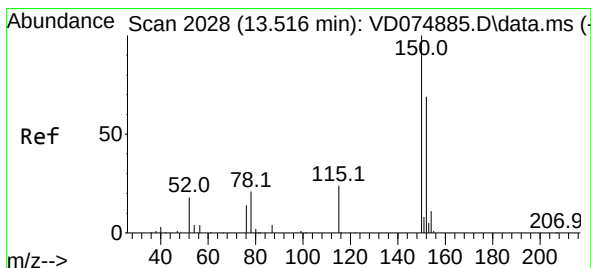
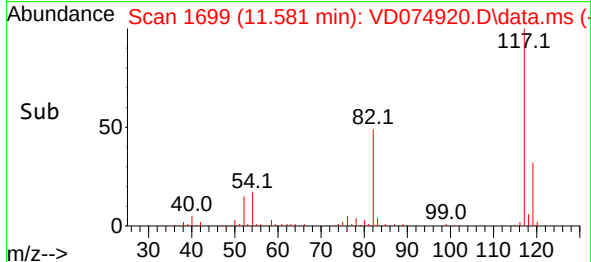
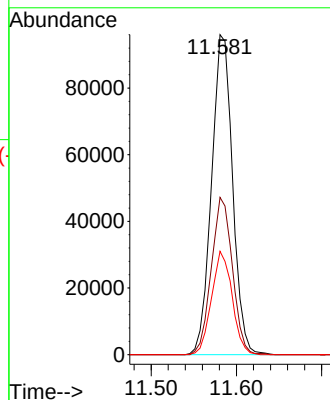
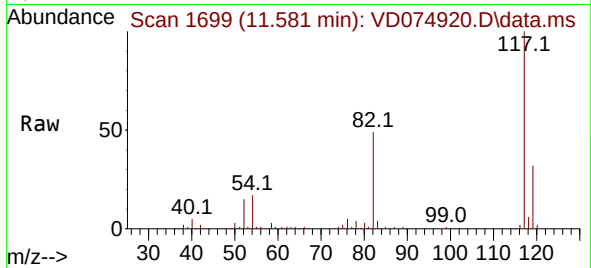




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074920.D
Acq: 12 Nov 2022 06:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08RE

Tgt Ion:117 Resp: 164597
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074920.D
Acq: 12 Nov 2022 06:57

Tgt Ion:152 Resp: 65612
Ion Ratio Lower Upper
152 100
115 53.4 26.8 80.4
150 157.0 0.0 348.2

