

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074990.D
 Acq On : 18 Nov 2022 15:25
 Operator : VA/SY
 Sample : N5664-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2

Quant Time: Nov 18 22:05:57 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	20662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	42418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	40788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	12427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25962	207.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	415.600%#
35) Dibromofluoromethane	7.810	113	22787	87.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	174.300%#
50) Toluene-d8	10.269	98	51887	60.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.480%
62) 4-Bromofluorobenzene	12.575	95	15342	58.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.020%

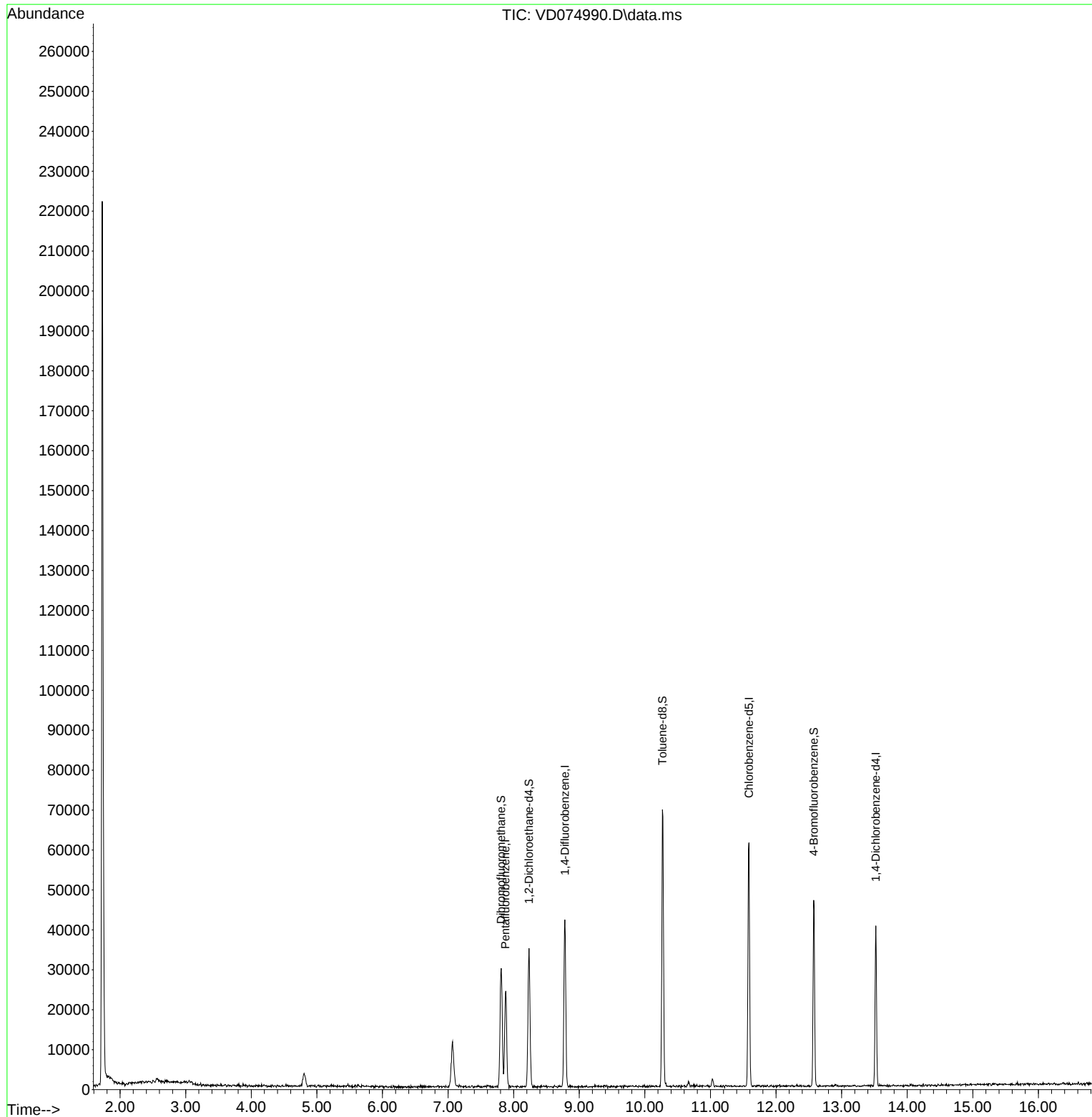
Target Compounds	Qvalue

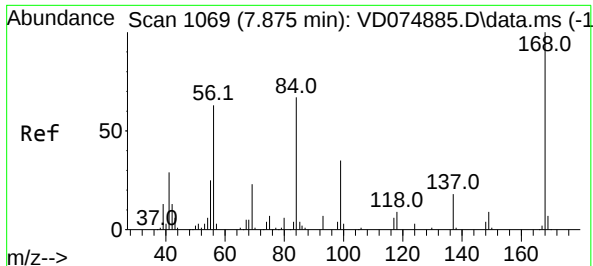
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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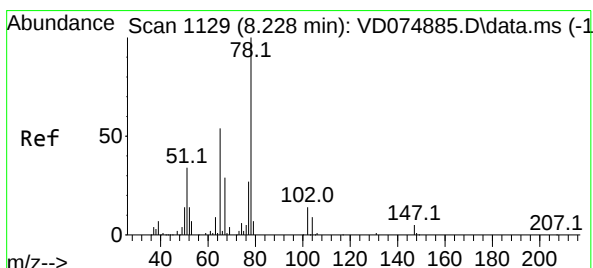
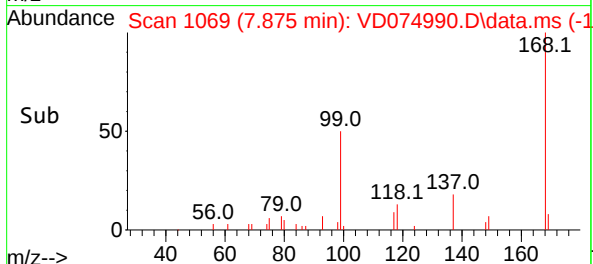
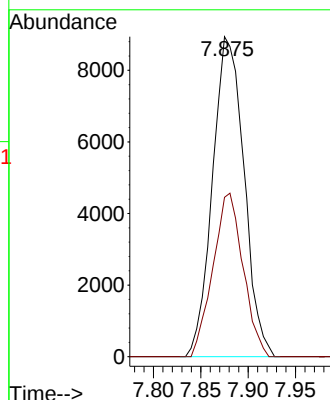
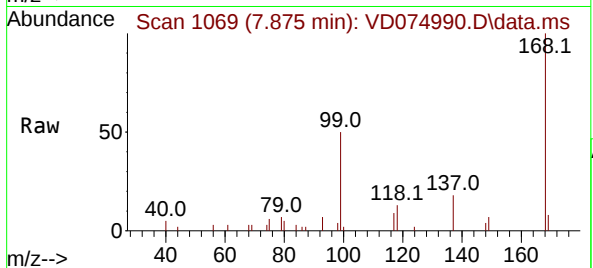




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

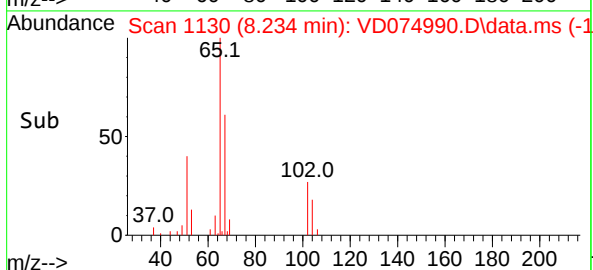
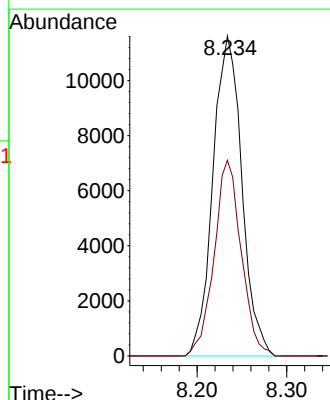
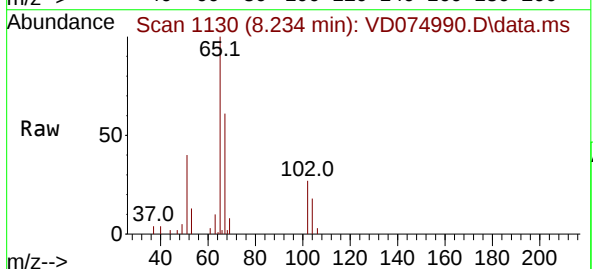
Instrument :
MSVOA_D
ClientSampleId :
B-2

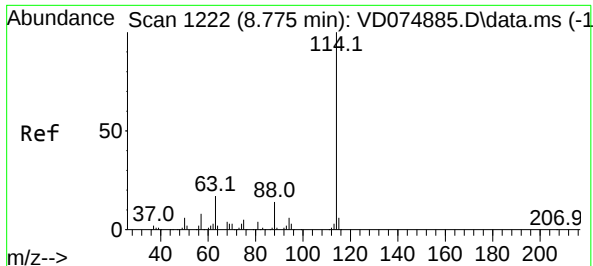
Tgt Ion:168 Resp: 20662
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 207.800 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 65 Resp: 25962
Ion Ratio Lower Upper
65 100
67 57.4 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: VD074990.D

Acq: 18 Nov 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

B-2

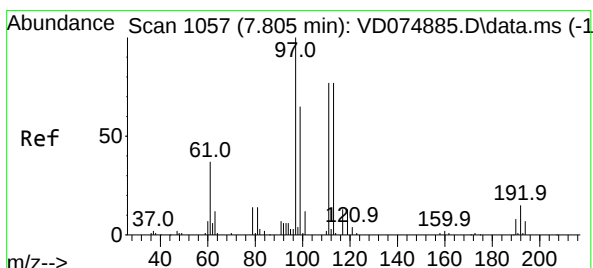
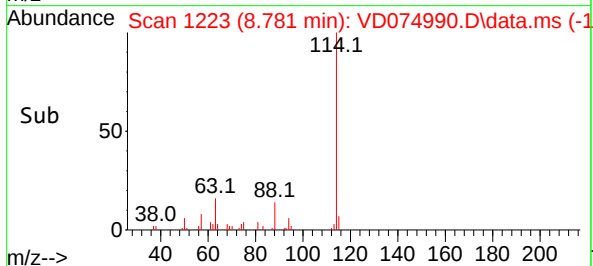
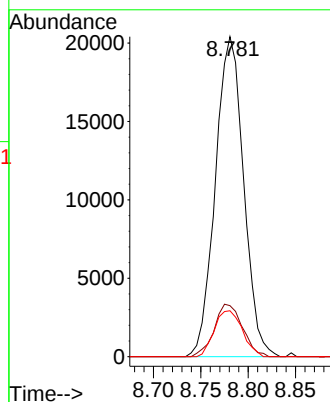
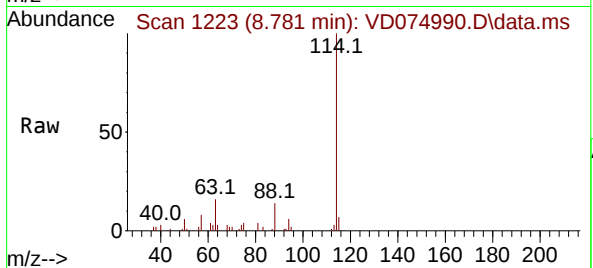
Tgt Ion:114 Resp: 42418

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 87.147 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074990.D

Acq: 18 Nov 2022 15:25

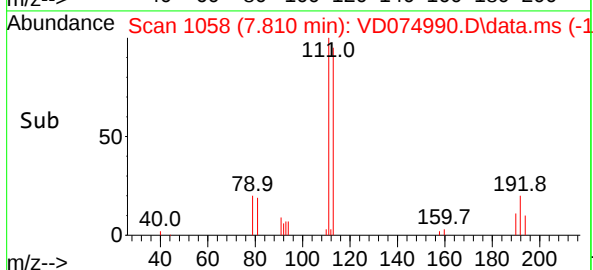
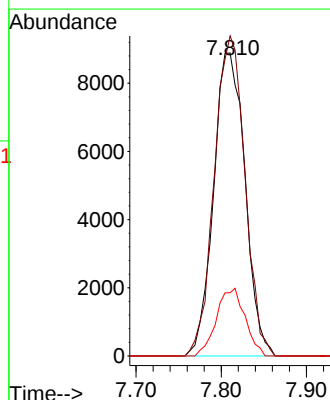
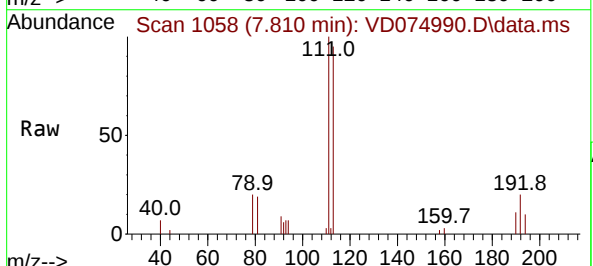
Tgt Ion:113 Resp: 22787

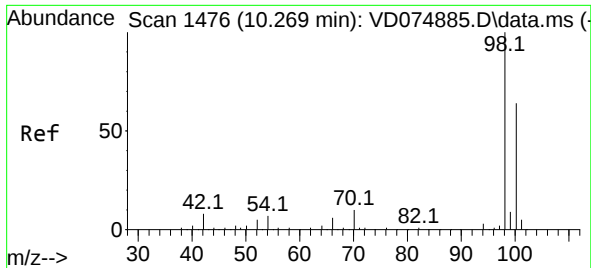
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 20.2 16.4 24.6

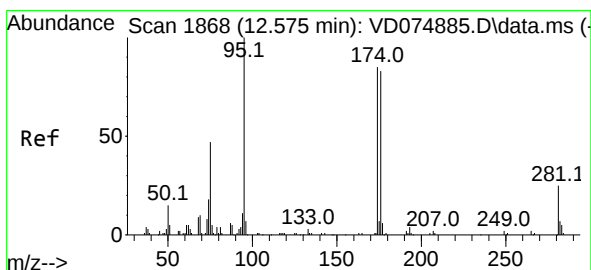
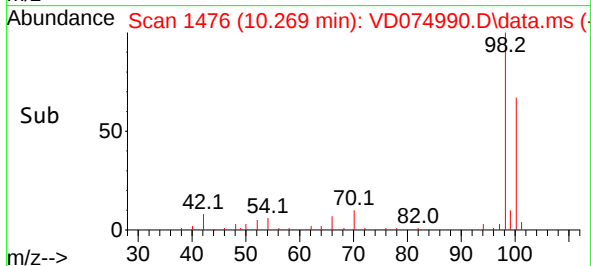
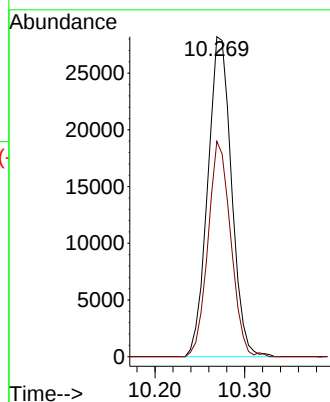
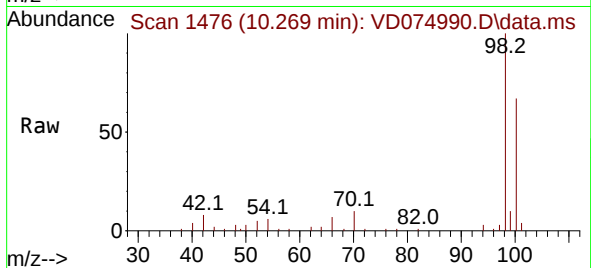




#50
Toluene-d8
Concen: 60.241 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

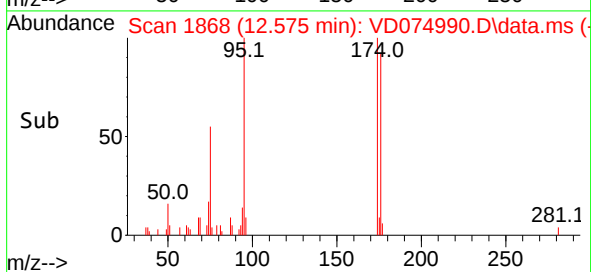
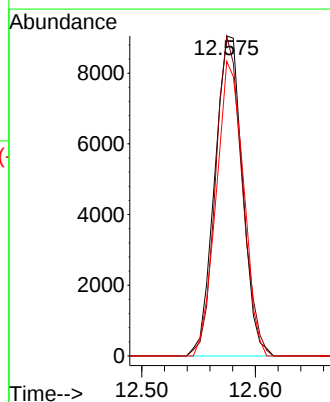
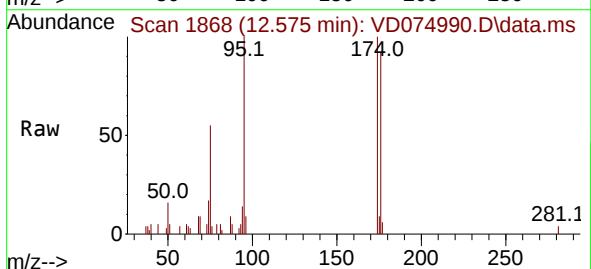
Instrument :
MSVOA_D
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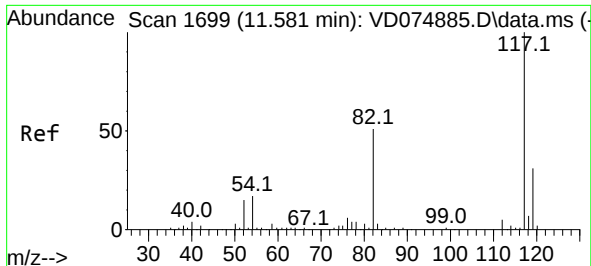
Tgt Ion: 98 Resp: 51887
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.008 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion: 95 Resp: 15342
Ion Ratio Lower Upper
95 100
174 96.0 0.0 197.0
176 90.9 0.0 182.6

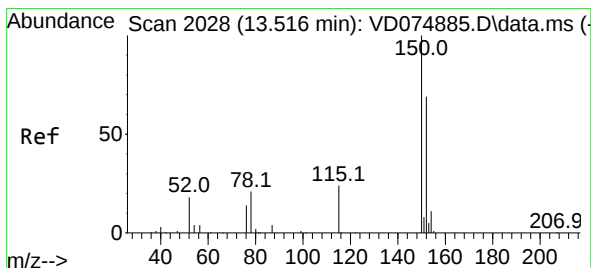
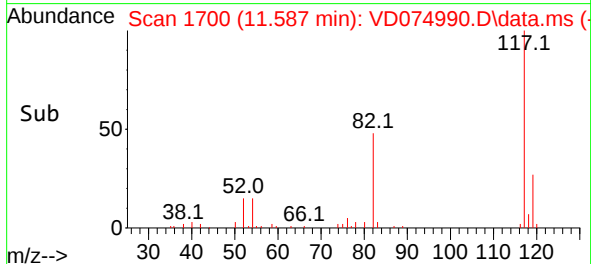
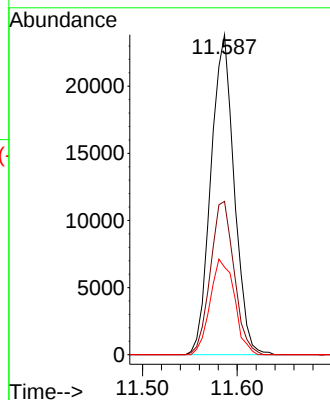
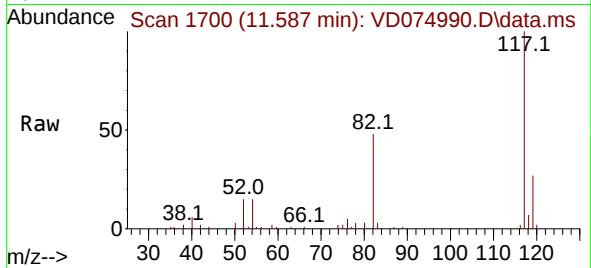




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074990.D
Acq: 18 Nov 2022 15:25

Instrument :
MSVOA_D
ClientSampleId :
B-2

Tgt Ion:117 Resp: 40788
Ion Ratio Lower Upper
117 100
82 47.9 41.6 62.4
119 27.4 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: VD074990.D
Acq: 18 Nov 2022 15:25

Tgt Ion:152 Resp: 12427
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 155.1 0.0 348.2

