

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074315.D
 Acq On : 15 Sep 2022 18:26
 Operator : VA/SY
 Sample : N4538-05RE
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-MP-1-1-2RE

Quant Time: Sep 16 05:55:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	13789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	26759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	26209	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.510	152	11881	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13312	94.693	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	189.380%#
35) Dibromofluoromethane	7.804	113	10108	56.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.800%
50) Toluene-d8	10.269	98	32046	48.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.569	95	10335	44.329	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.660%

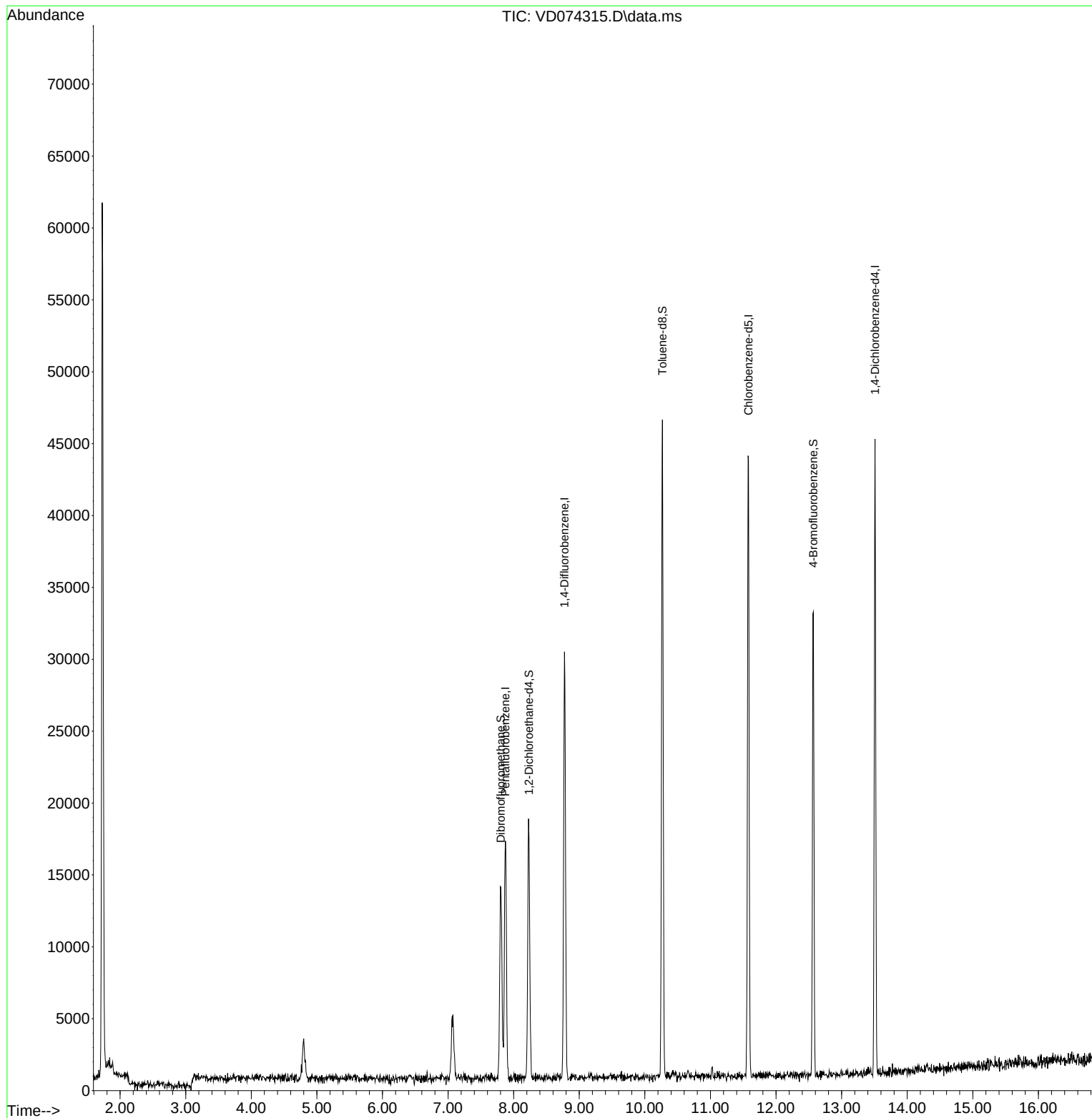
Target Compounds	Qvalue

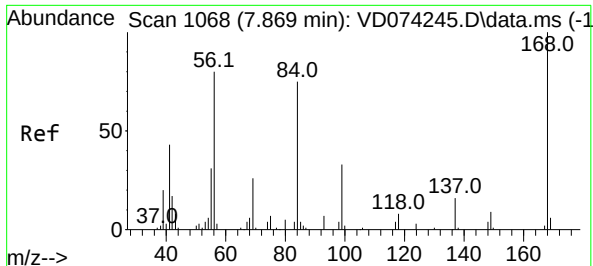
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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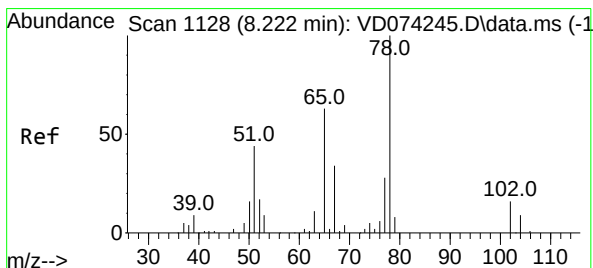
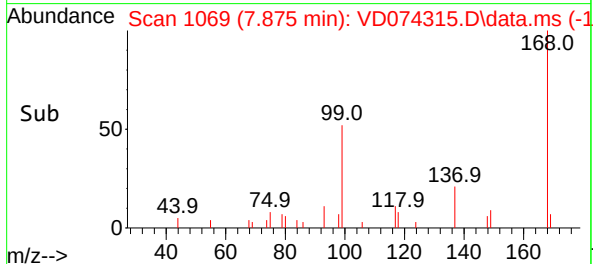
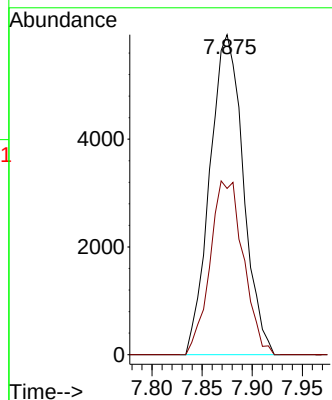
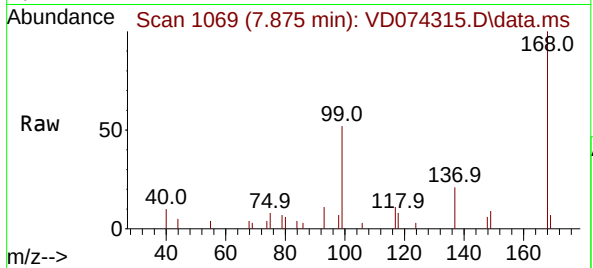




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074315.D
Acq: 15 Sep 2022 18:26

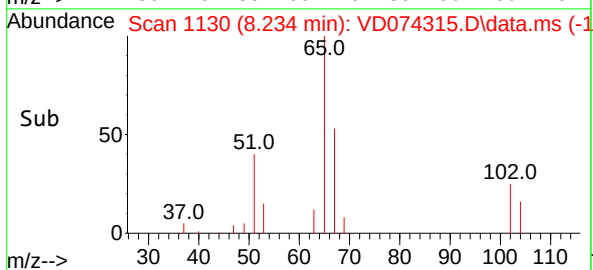
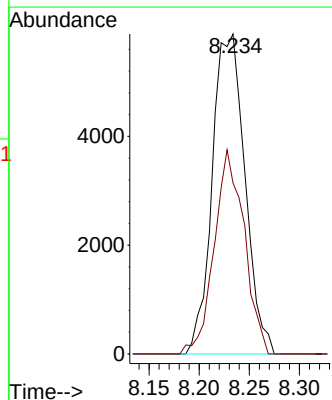
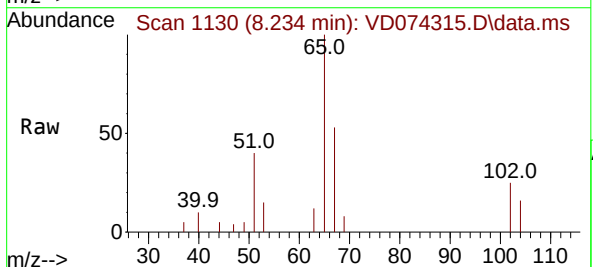
Instrument :
MSVOA_D
ClientSampleId :
MBD-MP-1-1-2RE

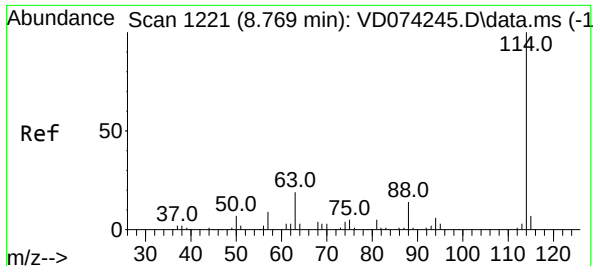
Tgt Ion:168 Resp: 13789
Ion Ratio Lower Upper
168 100
99 52.0 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 94.693 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VD074315.D
Acq: 15 Sep 2022 18:26

Tgt Ion: 65 Resp: 13312
Ion Ratio Lower Upper
65 100
67 58.5 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074315.D

Acq: 15 Sep 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

MBD-MP-1-1-2RE

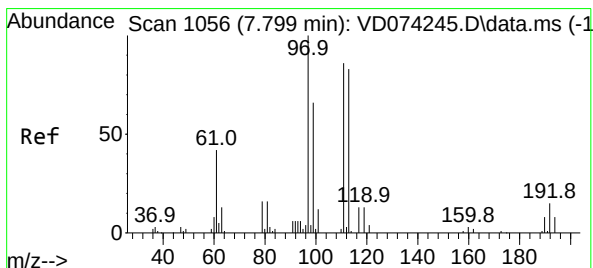
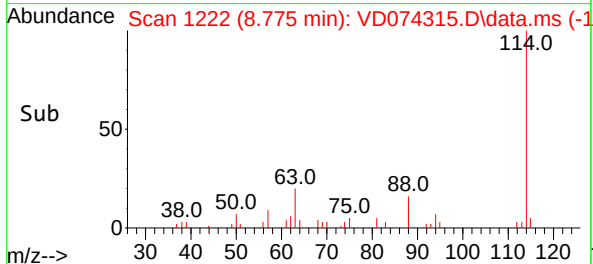
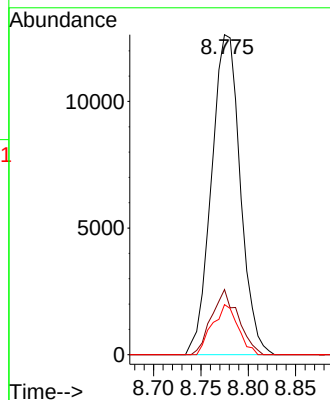
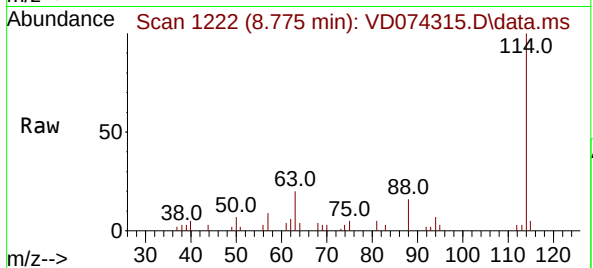
Tgt Ion:114 Resp: 26759

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

88 15.7 0.0 28.4



#35

Dibromofluoromethane

Concen: 56.901 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074315.D

Acq: 15 Sep 2022 18:26

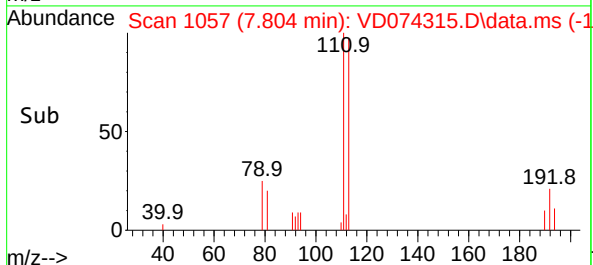
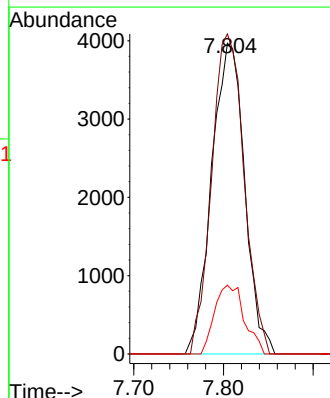
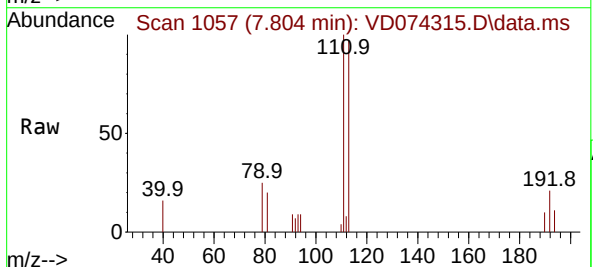
Tgt Ion:113 Resp: 10108

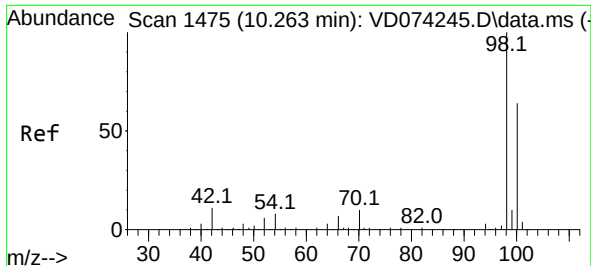
Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

192 20.0 16.2 24.2

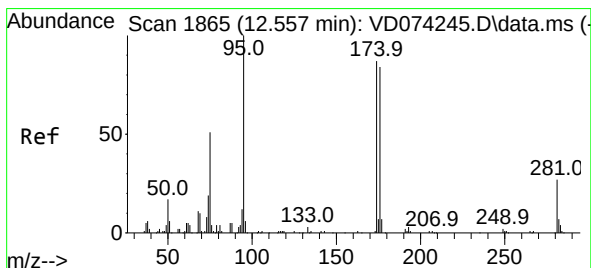
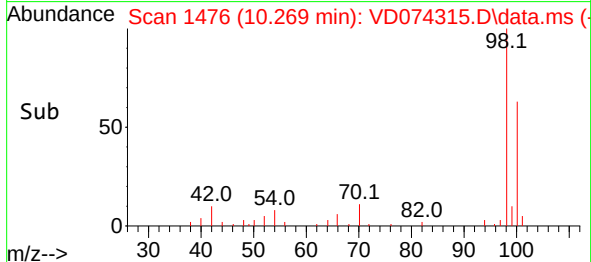
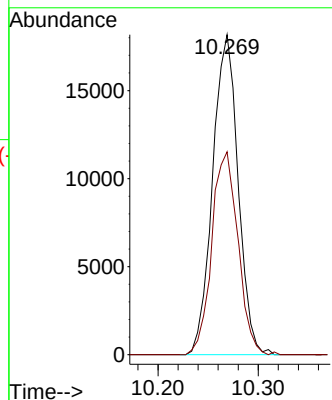
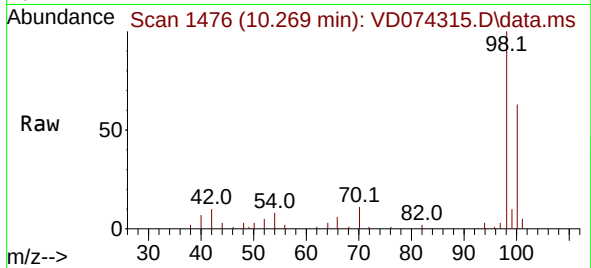




#50
Toluene-d8
Concen: 48.855 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074315.D
Acq: 15 Sep 2022 18:26

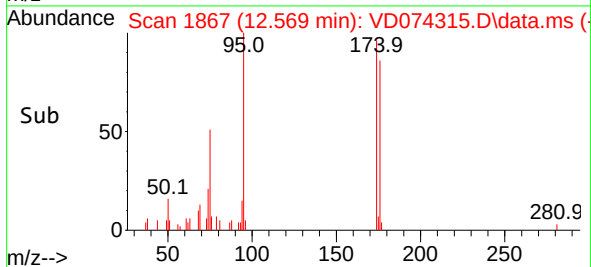
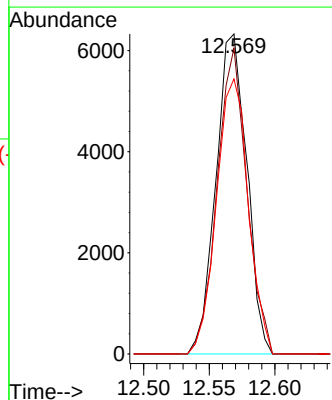
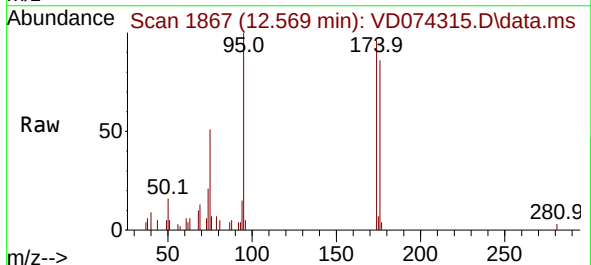
Instrument :
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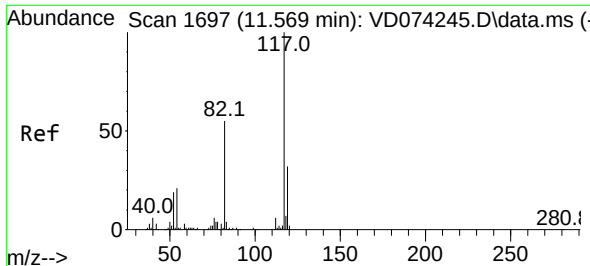
Tgt Ion: 98 Resp: 32046
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 44.329 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074315.D
Acq: 15 Sep 2022 18:26

Tgt Ion: 95 Resp: 10335
Ion Ratio Lower Upper
95 100
174 92.1 0.0 179.2
176 88.8 0.0 171.4

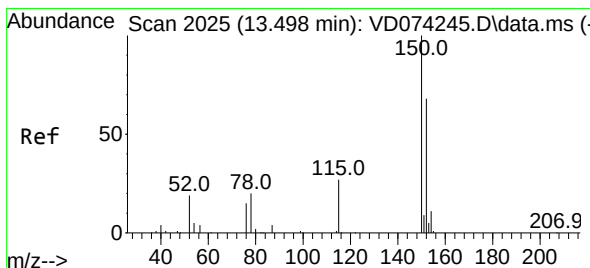
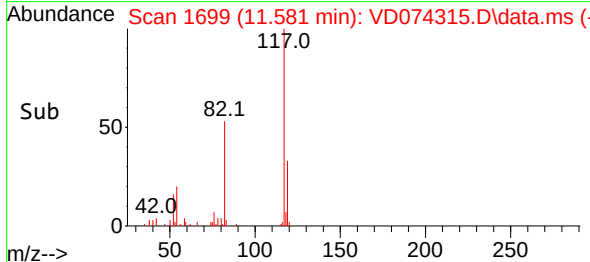
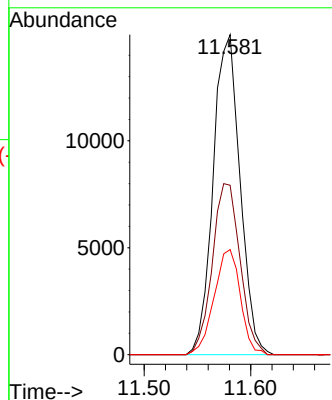
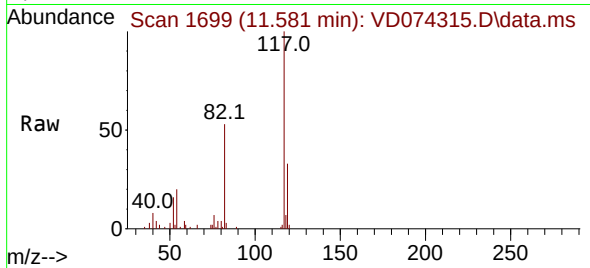




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074315.D
Acq: 15 Sep 2022 18:26

Instrument :
MSVOA_D
ClientSampleId :
MBD-MP-1-1-2RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.2
119	32.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074315.D
Acq: 15 Sep 2022 18:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.4	85.2
150	156.8	0.0	351.0

