

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074302.D
 Acq On : 15 Sep 2022 12:19
 Operator : VA/SY
 Sample : VD0915SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0915SBL01

Quant Time: Sep 15 12:54:44 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	7.881	168	78104	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.775	114	132942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	119773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	57206	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41466	52.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.140%
35) Dibromofluoromethane	7.804	113	42443	47.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.100%
50) Toluene-d8	10.269	98	161765	49.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.569	95	50626	43.595	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.180%

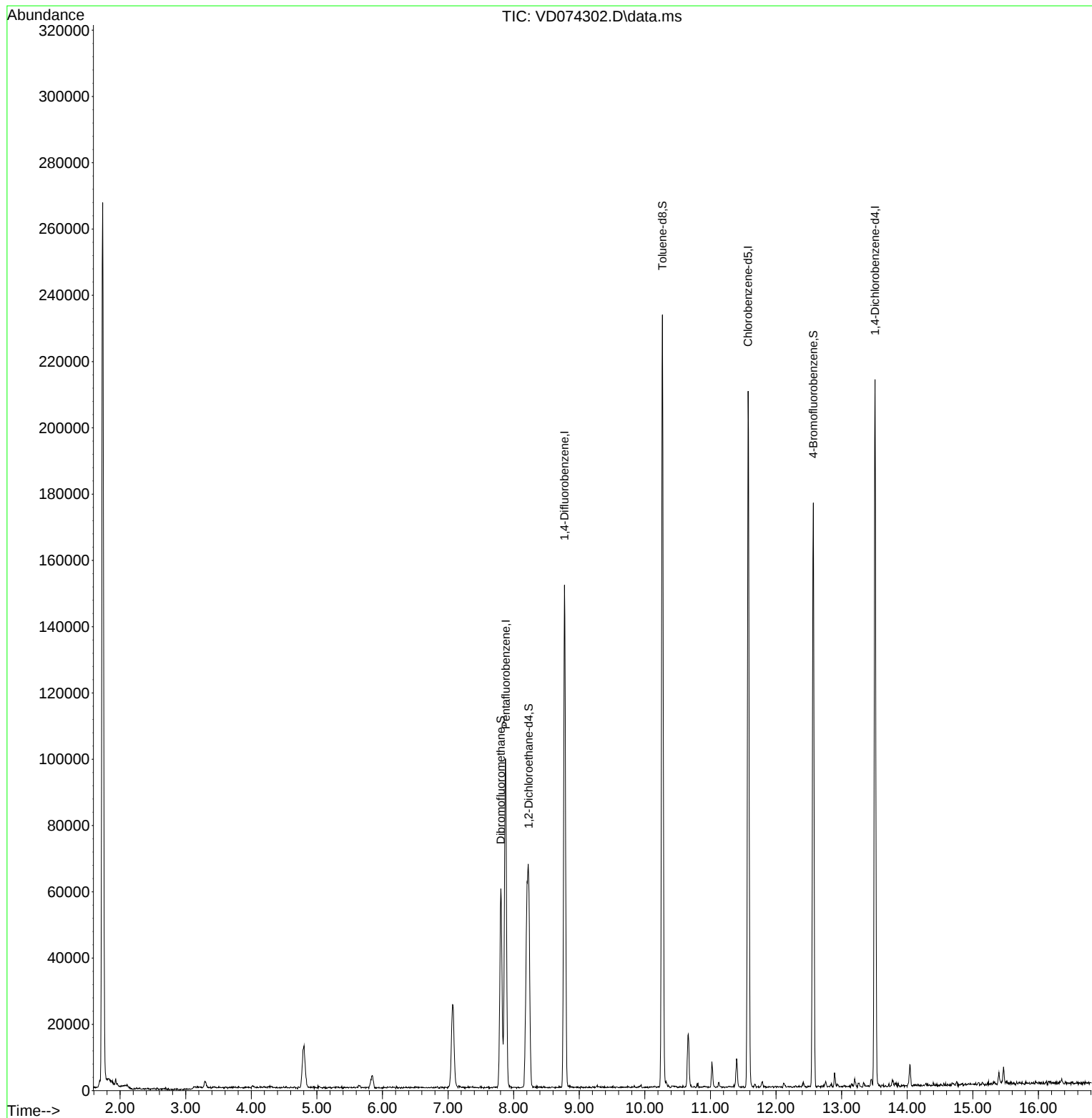
Target Compounds	Qvalue

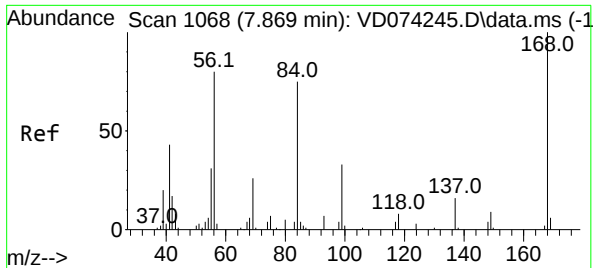
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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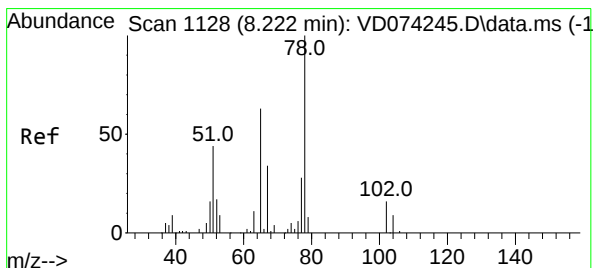
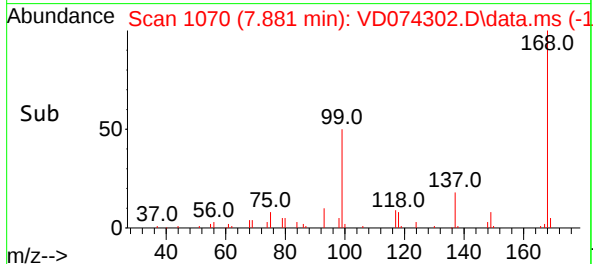
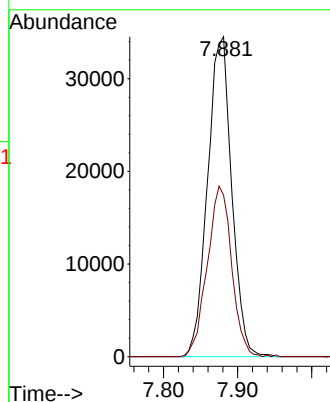
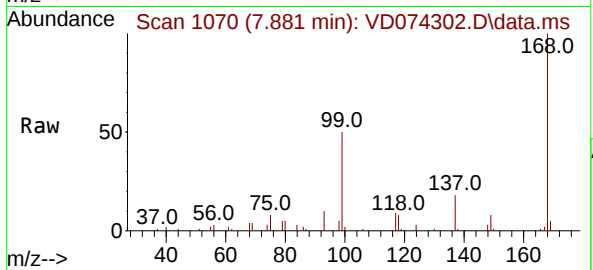




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.012 min
Lab File: VD074302.D
Acq: 15 Sep 2022 12:19

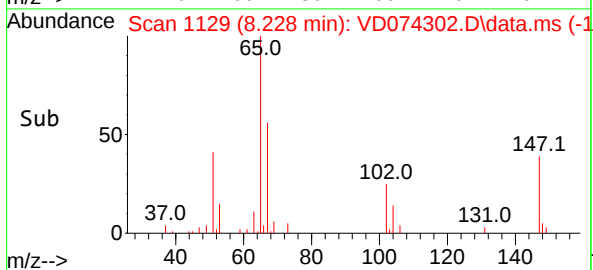
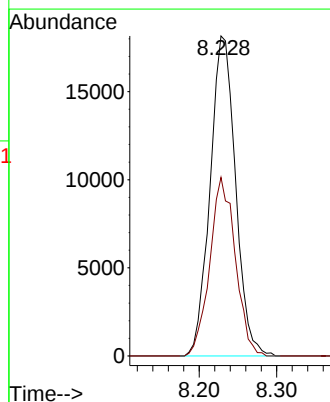
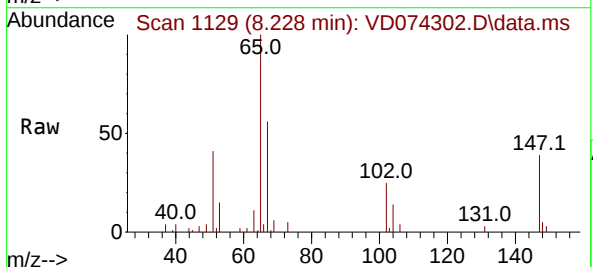
Instrument :
MSVOA_D
ClientSampleId :
VD0915SBL01

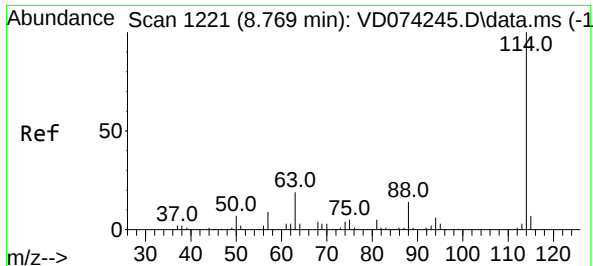
Tgt Ion:168 Resp: 78104
Ion Ratio Lower Upper
168 100
99 50.5 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 52.075 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074302.D
Acq: 15 Sep 2022 12:19

Tgt Ion: 65 Resp: 41466
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074302.D

Acq: 15 Sep 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VD0915SBL01

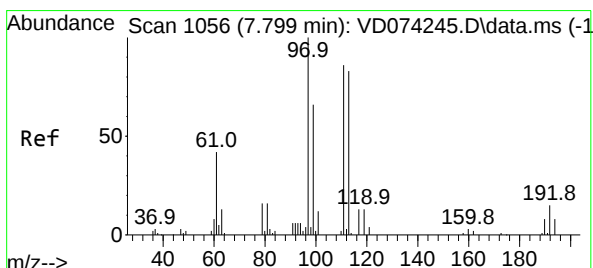
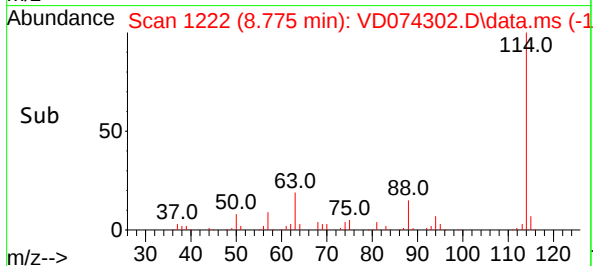
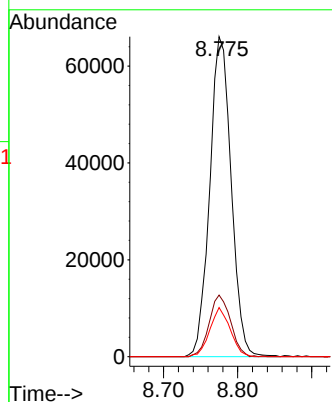
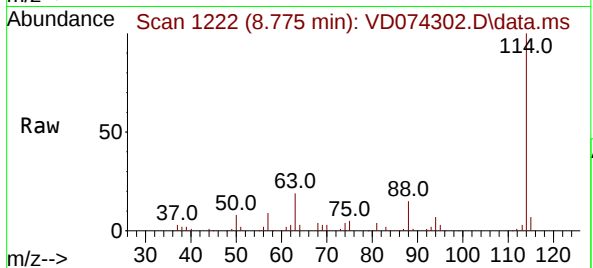
Tgt Ion:114 Resp: 132942

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 15.3 0.0 28.4



#35

Dibromofluoromethane

Concen: 47.545 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074302.D

Acq: 15 Sep 2022 12:19

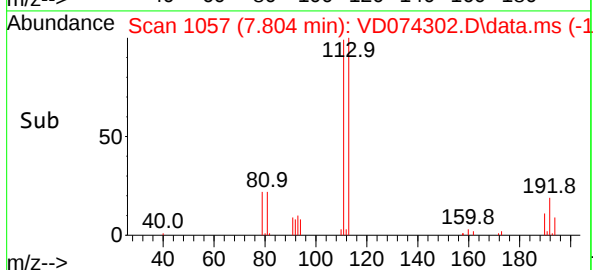
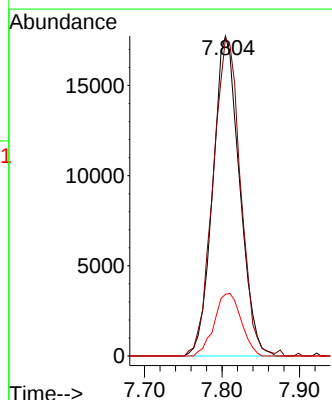
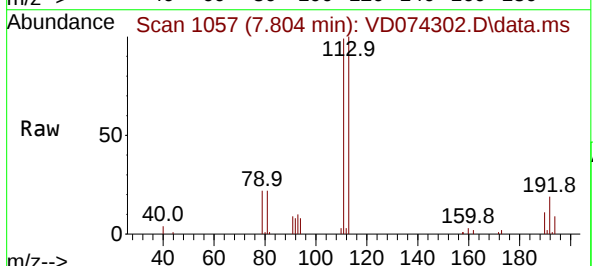
Tgt Ion:113 Resp: 42443

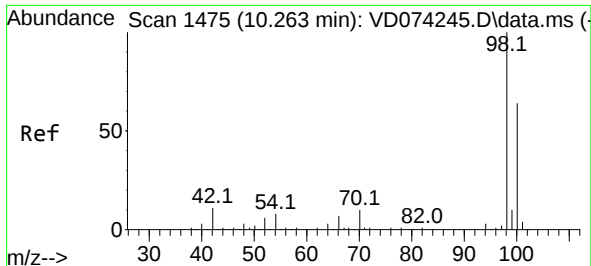
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 19.7 16.2 24.2

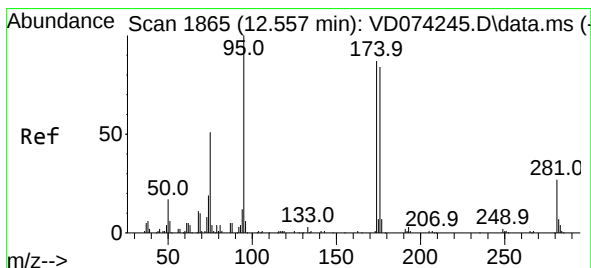
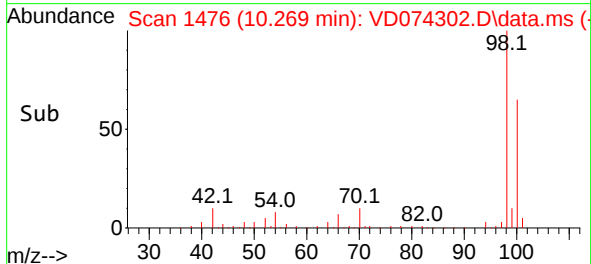
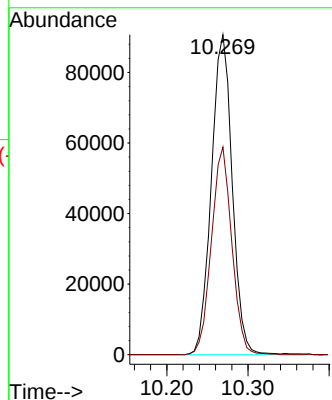
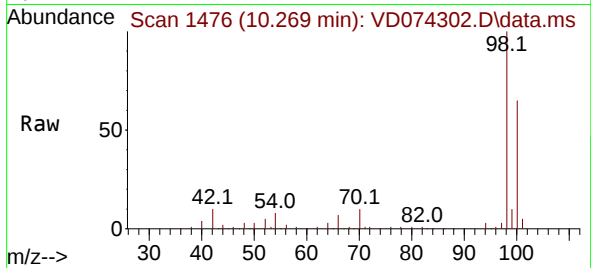




#50
Toluene-d8
Concen: 49.639 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074302.D
Acq: 15 Sep 2022 12:19

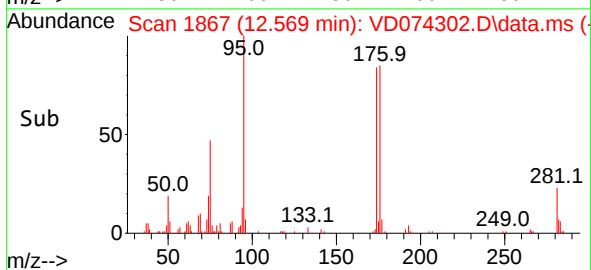
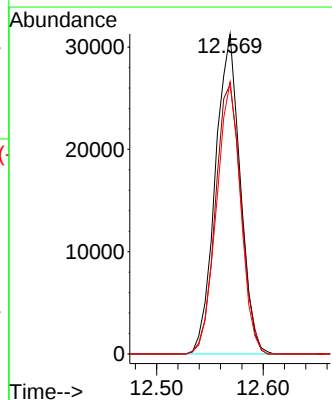
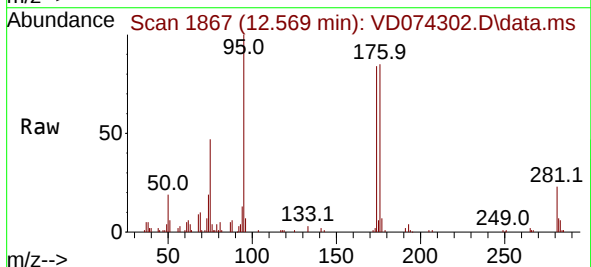
Instrument :
MSVOA_D
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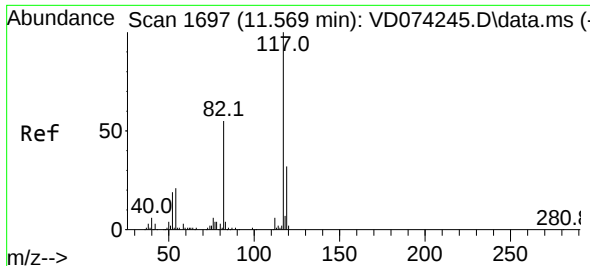
Tgt Ion: 98 Resp: 161765
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 43.595 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074302.D
Acq: 15 Sep 2022 12:19

Tgt Ion: 95 Resp: 50626
Ion Ratio Lower Upper
95 100
174 87.2 0.0 179.2
176 82.5 0.0 171.4

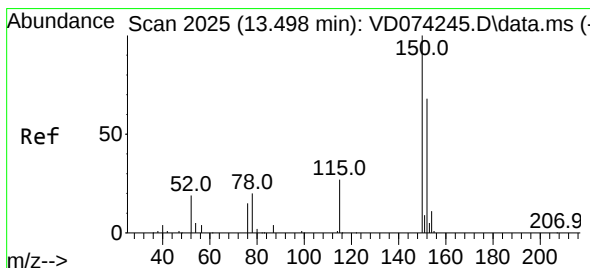
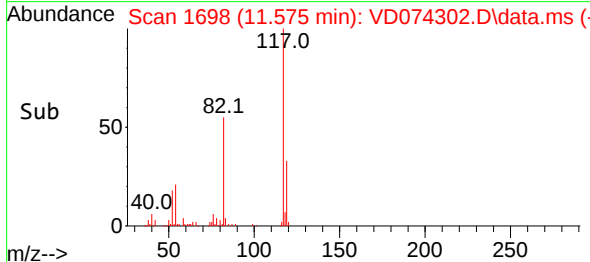
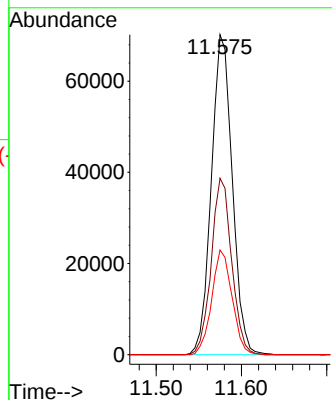
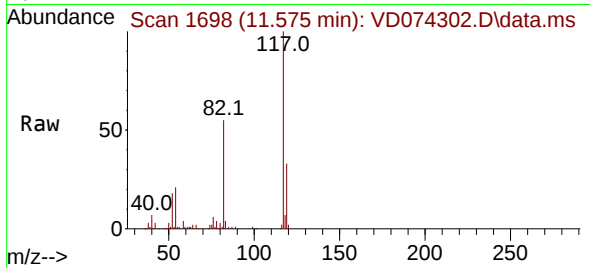




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074302.D
Acq: 15 Sep 2022 12:19

Instrument :
MSVOA_D
ClientSampleId :
VD0915SBL01

Tgt Ion:117 Resp: 119773
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.7 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: VD074302.D
Acq: 15 Sep 2022 12:19

Tgt Ion:152 Resp: 57206
Ion Ratio Lower Upper
152 100
115 57.5 28.4 85.2
150 155.7 0.0 351.0

