

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074060.D
 Acq On : 12 Aug 2022 13:20
 Operator : VA/SY
 Sample : N4127-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-080922RE

Quant Time: Aug 12 13:37:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	149512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	265203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	242880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	103042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55698	46.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.520%
35) Dibromofluoromethane	7.909	113	66610	37.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.640%
50) Toluene-d8	10.332	98	162700	33.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	66.860%
62) 4-Bromofluorobenzene	12.620	95	73927	34.128	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.260%

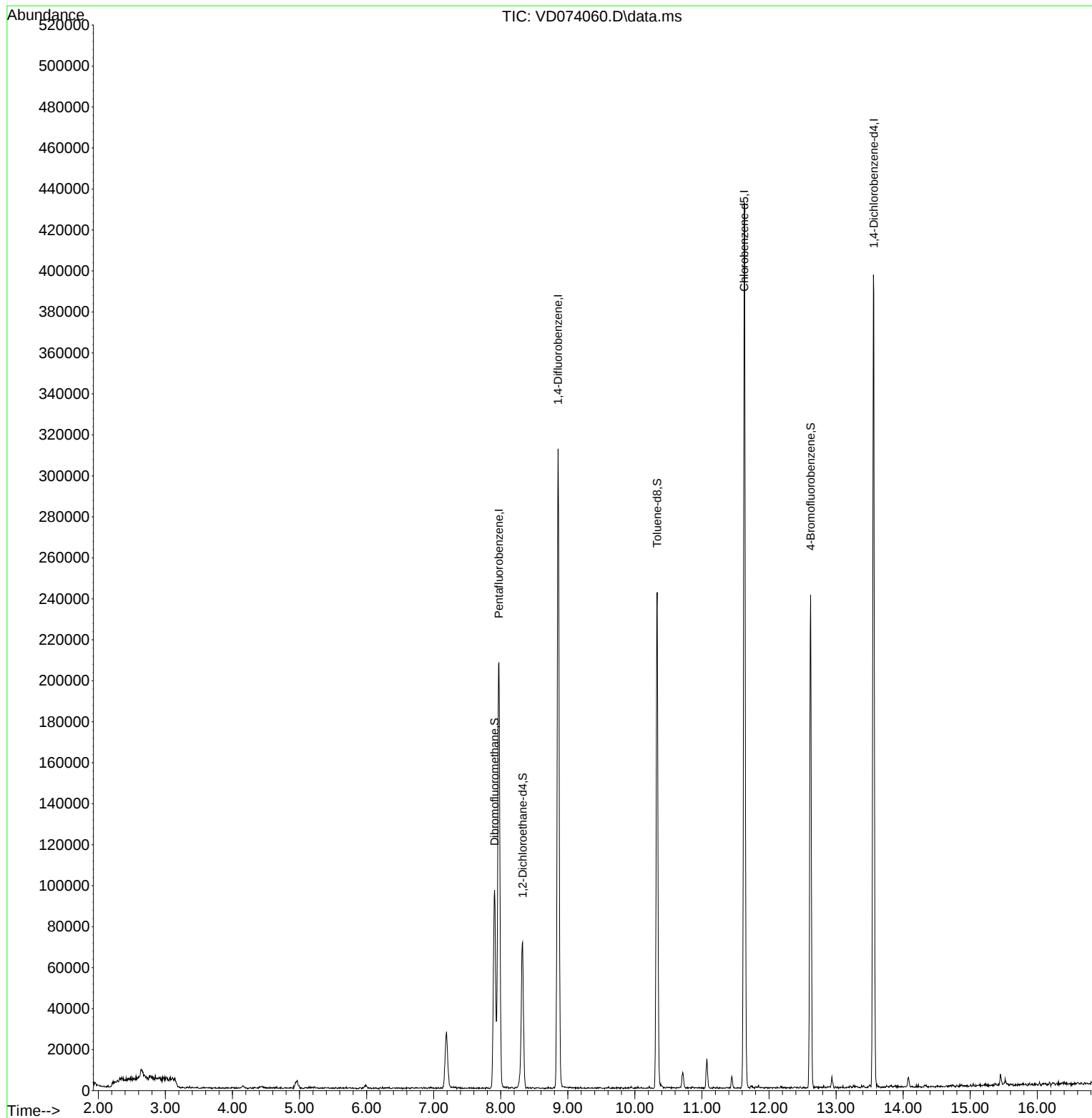
Target Compounds	Qvalue

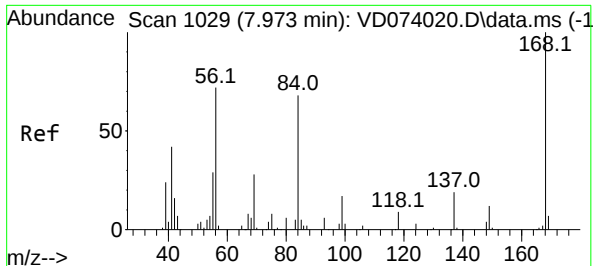
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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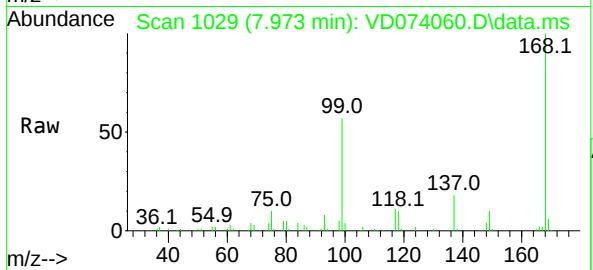
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
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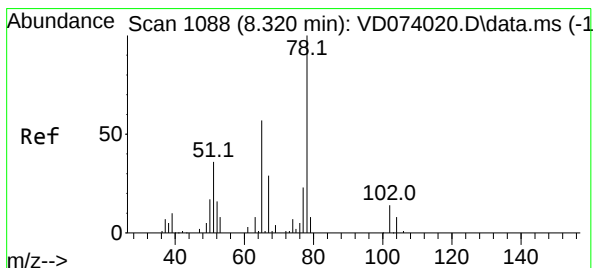
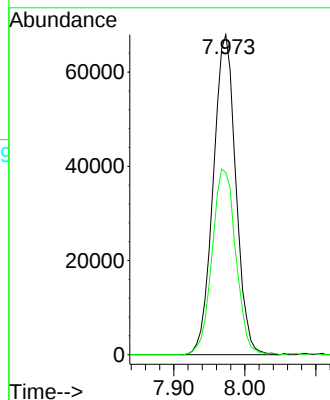
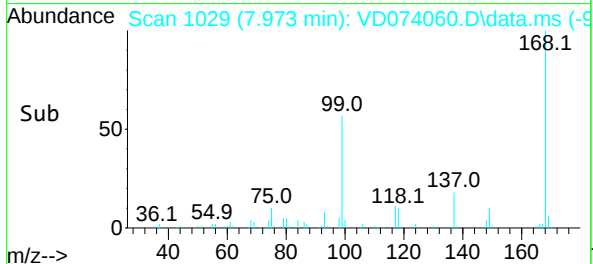


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074060.D
Acq: 12 Aug 2022 13:20

Instrument :
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ClientSampleId :
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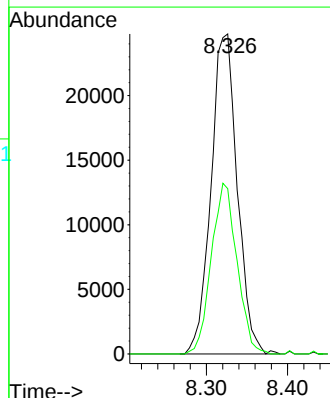
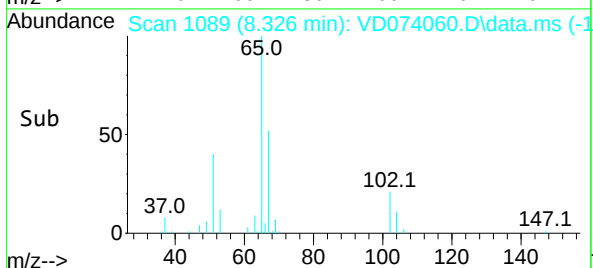
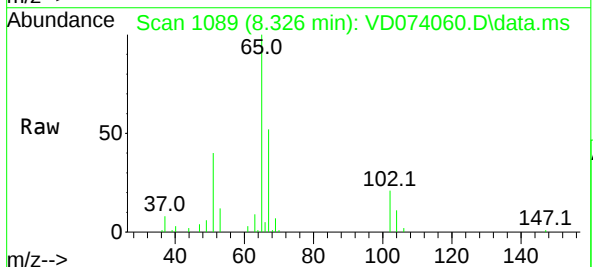


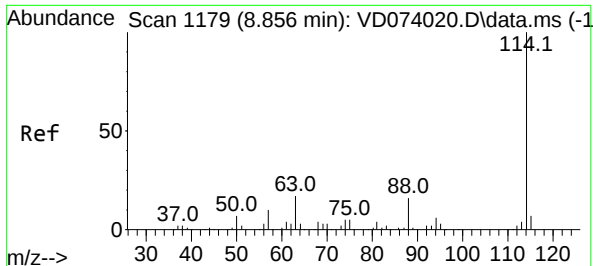
Tgt Ion:168 Resp: 149512
Ion Ratio Lower Upper
168 100
99 56.9 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 46.759 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074060.D
Acq: 12 Aug 2022 13:20

Tgt Ion: 65 Resp: 55698
Ion Ratio Lower Upper
65 100
67 52.0 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074060.D

Acq: 12 Aug 2022 13:20

Instrument :

MSVOA_D

ClientSampleId :

SU-04-080922RE

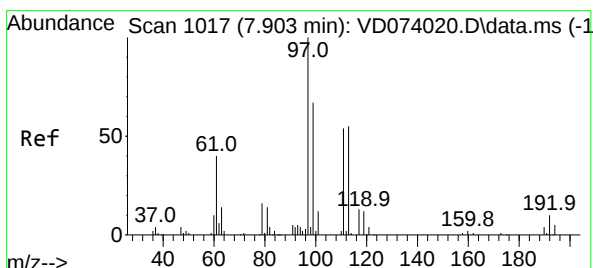
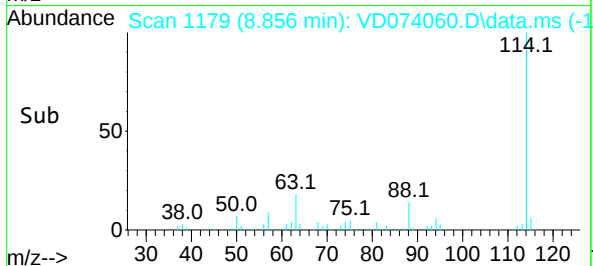
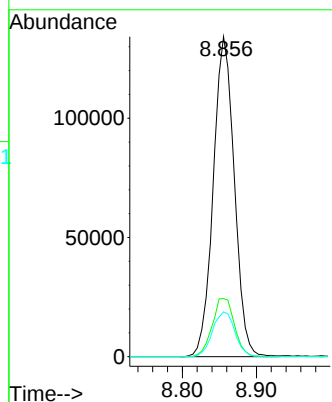
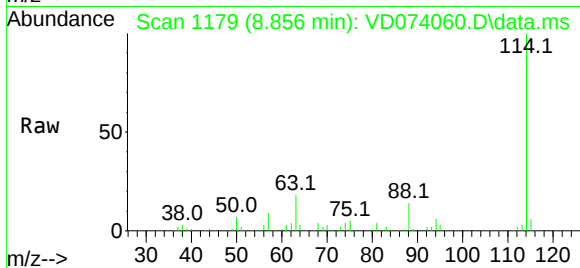
Tgt Ion:114 Resp: 265203

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

88 14.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 37.815 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD074060.D

Acq: 12 Aug 2022 13:20

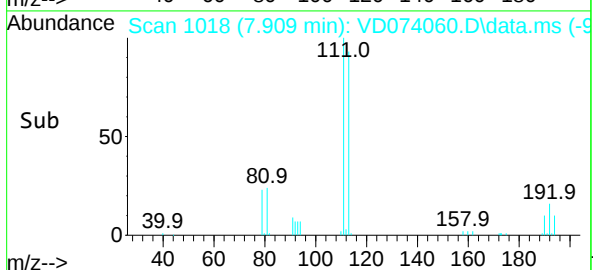
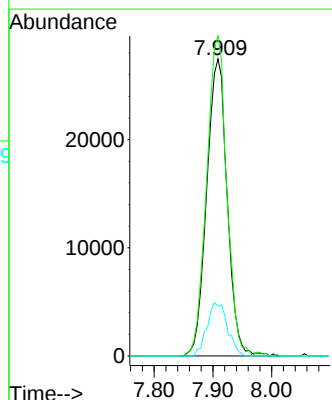
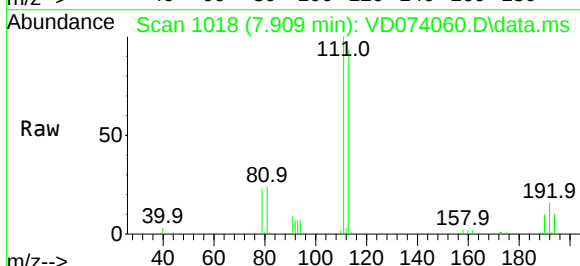
Tgt Ion:113 Resp: 66610

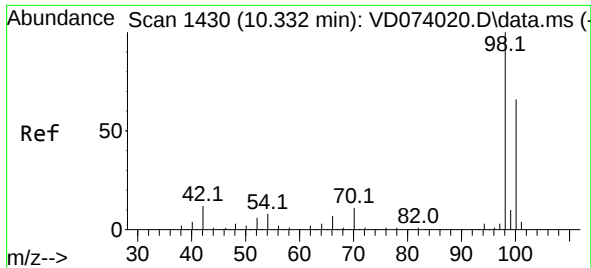
Ion Ratio Lower Upper

113 100

111 105.7 80.0 120.0

192 17.8 14.2 21.4

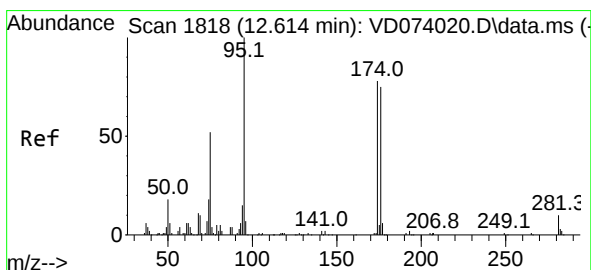
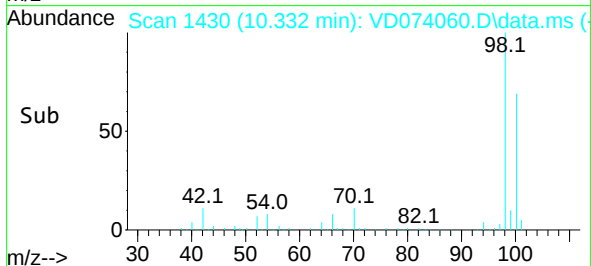
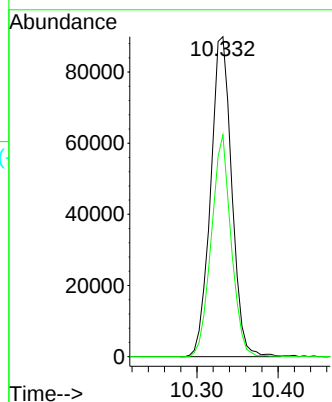
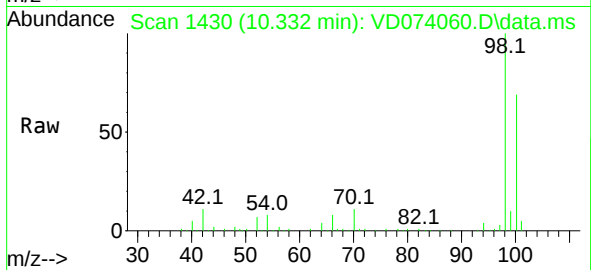




#50
Toluene-d8
Concen: 33.431 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074060.D
Acq: 12 Aug 2022 13:20

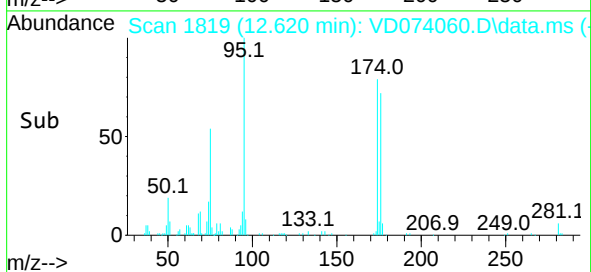
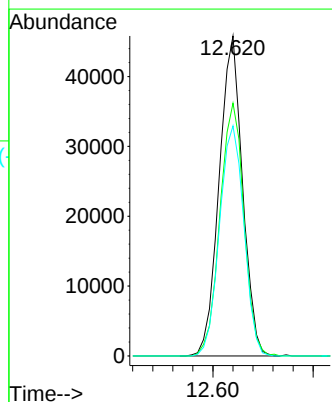
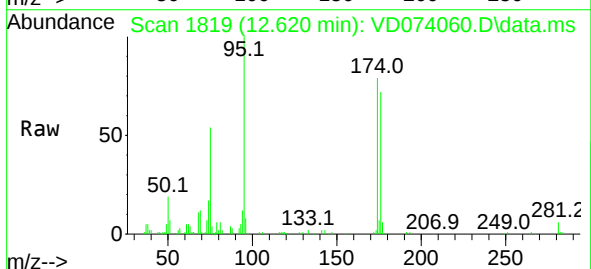
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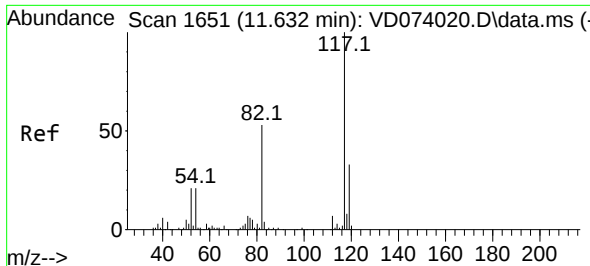
Tgt Ion: 98 Resp: 162700
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 34.128 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074060.D
Acq: 12 Aug 2022 13:20

Tgt Ion: 95 Resp: 73927
Ion Ratio Lower Upper
95 100
174 81.0 0.0 162.6
176 75.0 0.0 160.0

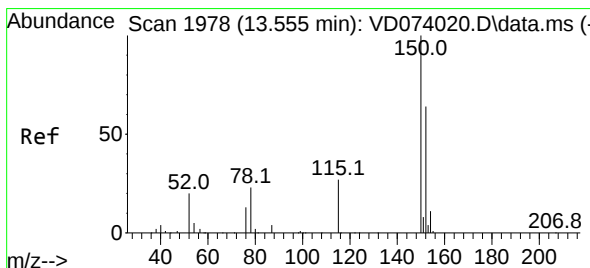
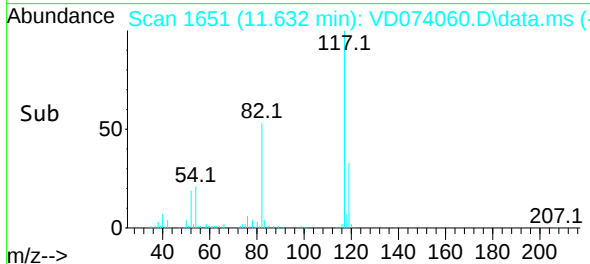
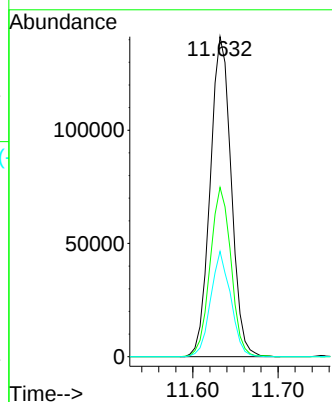
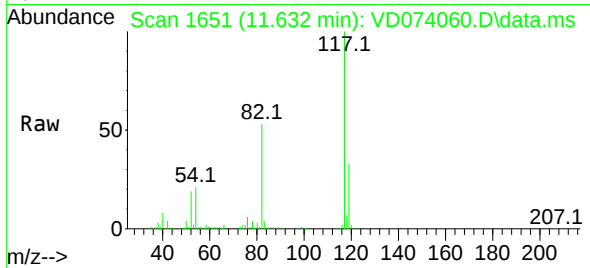




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074060.D
Acq: 12 Aug 2022 13:20

Instrument :
MSVOA_D
ClientSampleId :
SU-04-080922RE

Tgt Ion:117 Resp: 242880
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074060.D
Acq: 12 Aug 2022 13:20

Tgt Ion:152 Resp: 103042
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.8
150 154.6 0.0 342.8

