

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073066.D
 Acq On : 17 May 2022 19:35
 Operator : VA/SY
 Sample : N2847-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REDBOX-164718

Quant Time: May 18 05:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

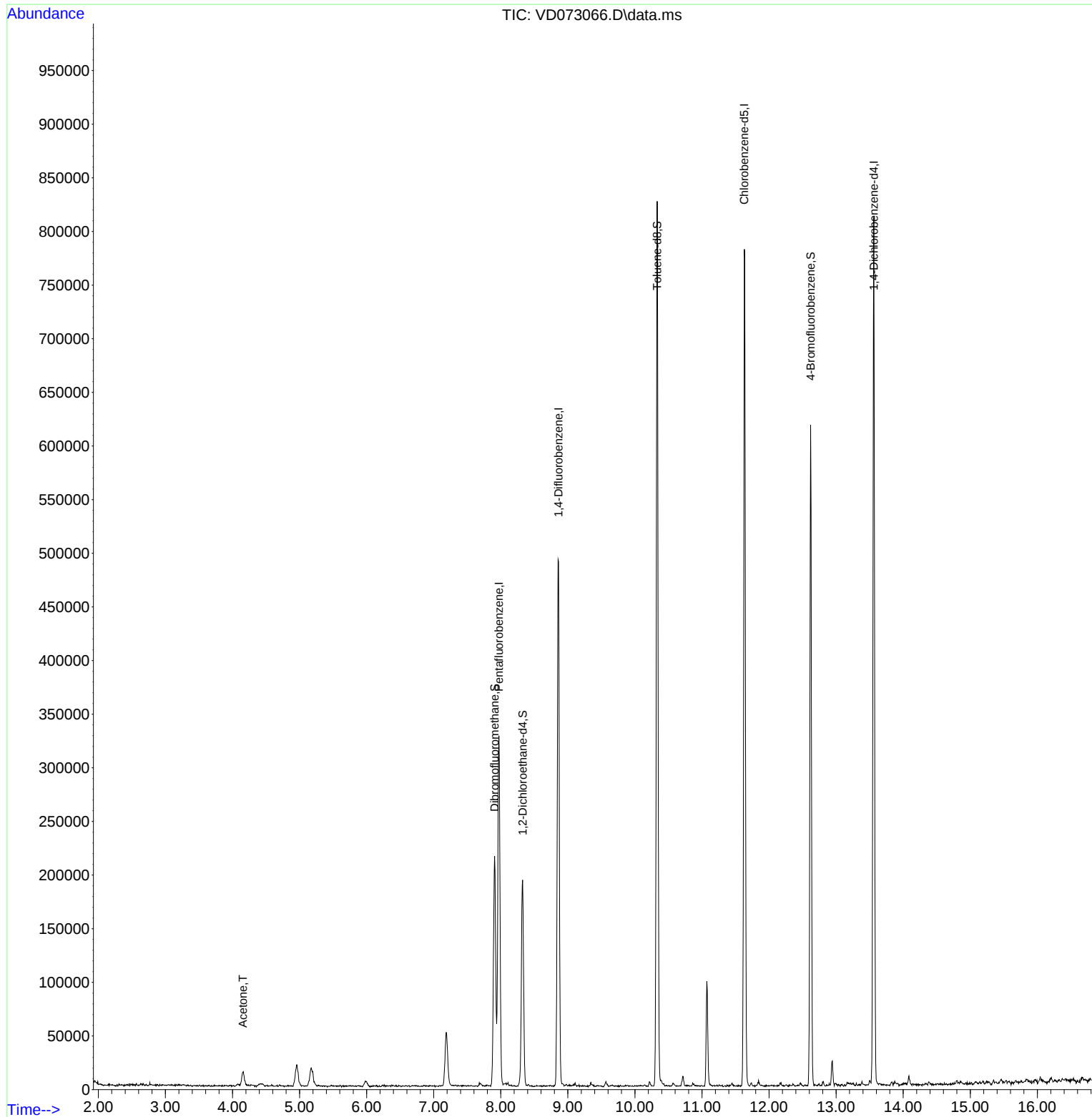
Internal Standards						
1) Pentafluorobenzene	7.973	168	237040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	434118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	453888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	212614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153123	51.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.908	113	151364	49.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.332	98	544992	49.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.620	95	197313	49.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.540%
Target Compounds						
16) Acetone	4.156	43	24157	45.032	ug/l	Qvalue 97

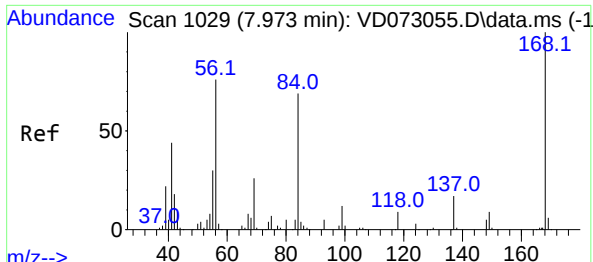
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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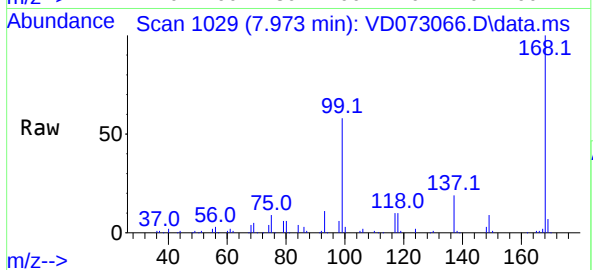
Quant Time: May 18 05:10:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
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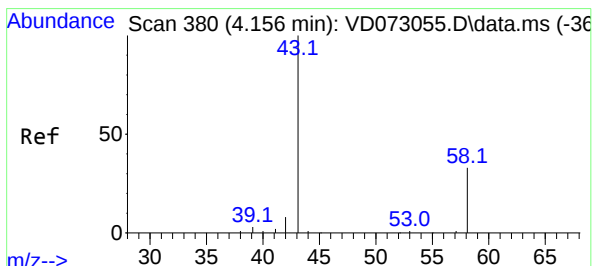
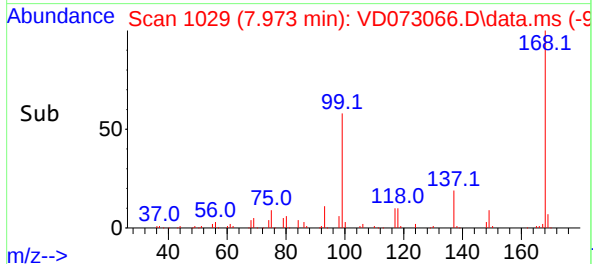
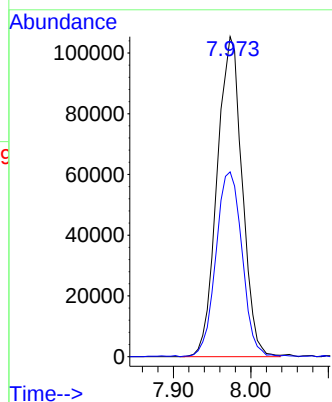


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :
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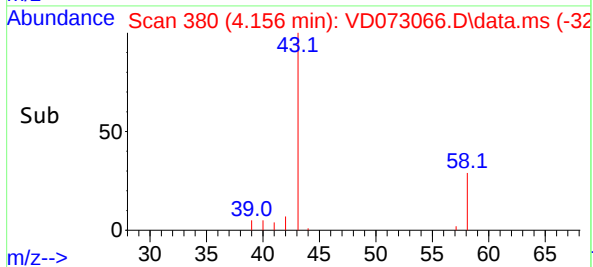
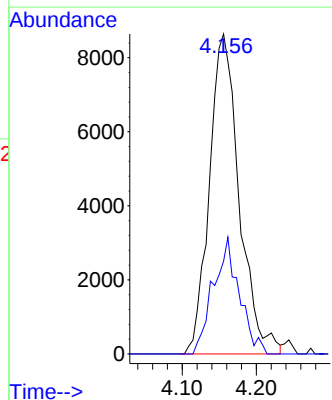
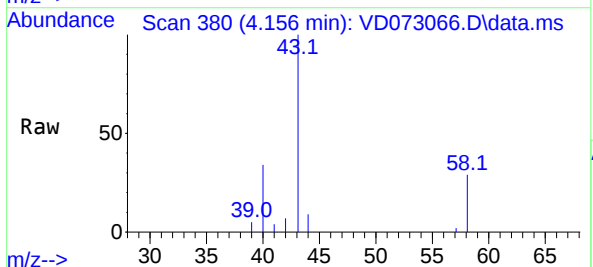


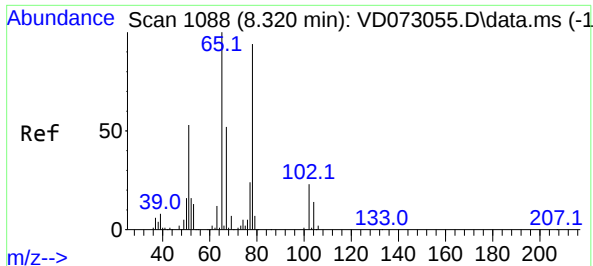
Tgt Ion:168 Resp: 237040
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#16
Acetone
Concen: 45.032 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Tgt Ion: 43 Resp: 24157
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 51.655 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :

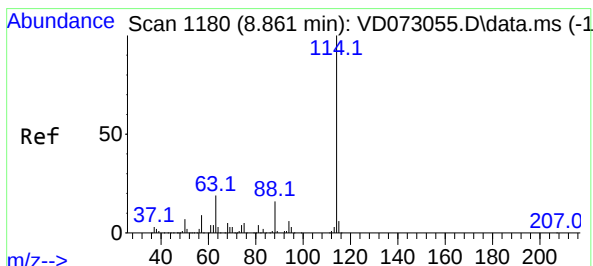
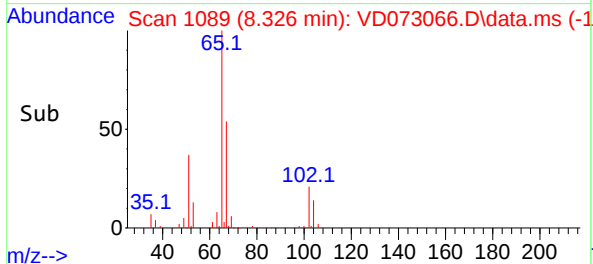
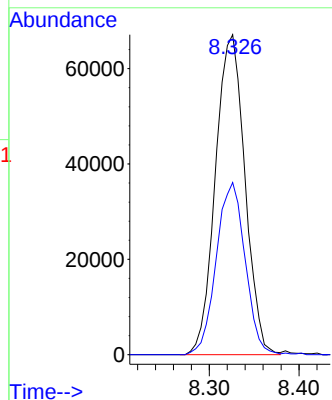
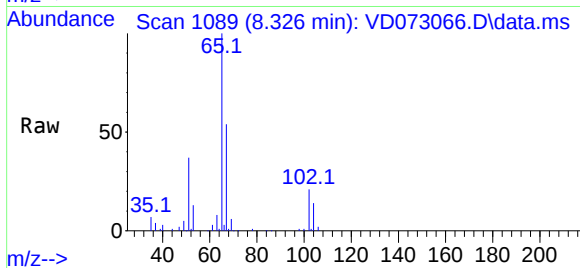
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Tgt Ion: 65 Resp: 153123

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

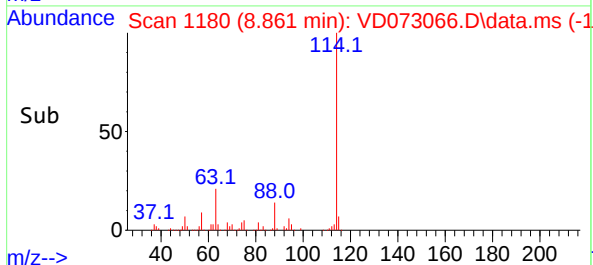
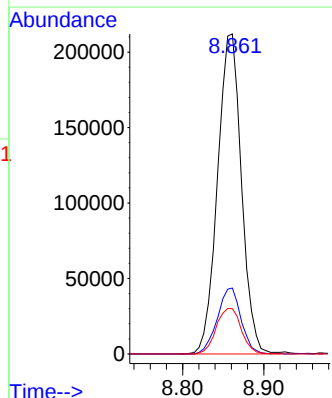
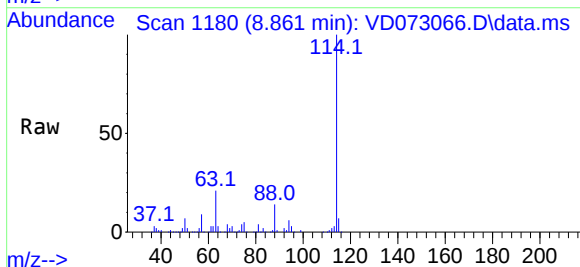
Tgt Ion: 114 Resp: 434118

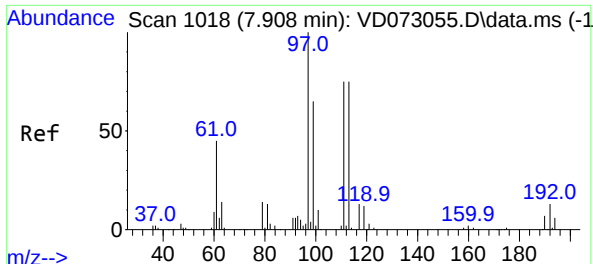
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.2 0.0 33.2

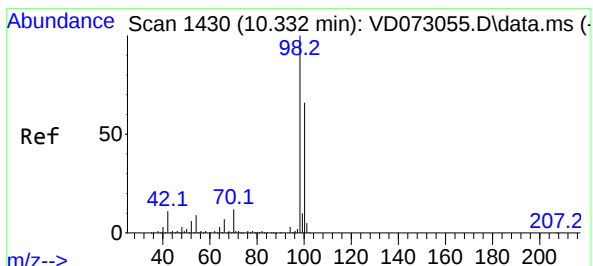
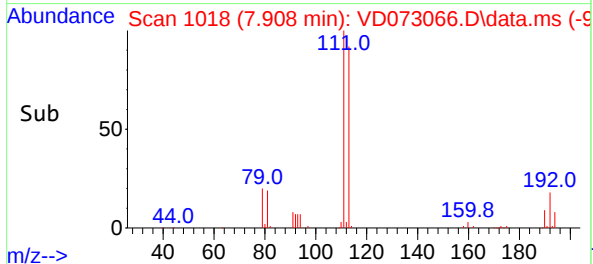
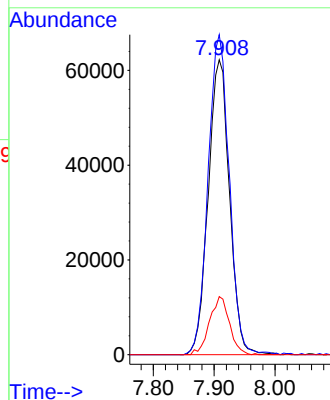
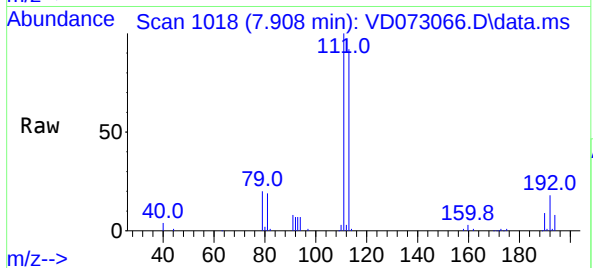




#35
Dibromofluoromethane
Concen: 49.660 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

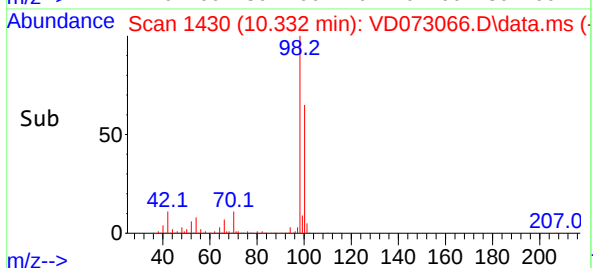
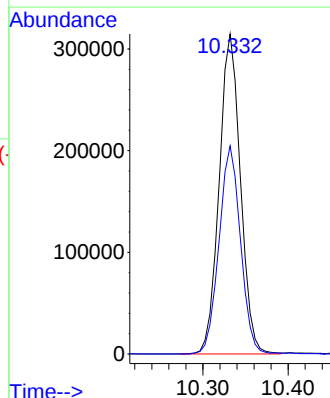
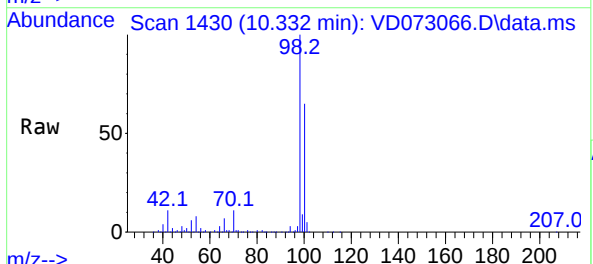
Instrument :
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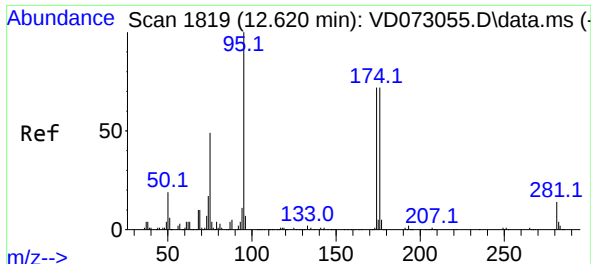
Tgt Ion:113 Resp: 151364
Ion Ratio Lower Upper
113 100
111 107.6 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 49.287 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Tgt Ion: 98 Resp: 544992
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

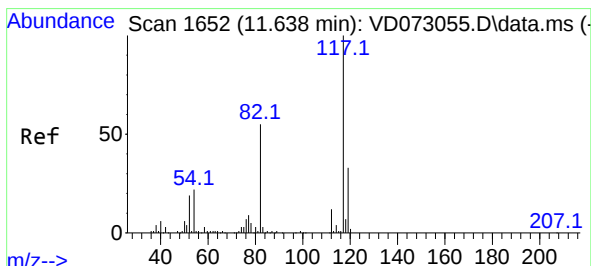
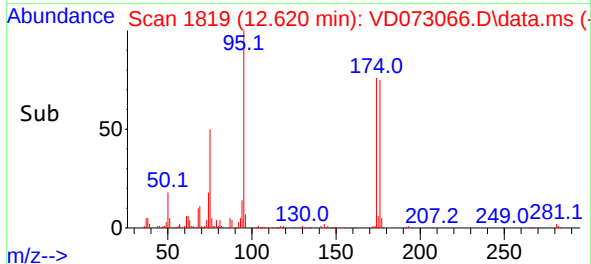
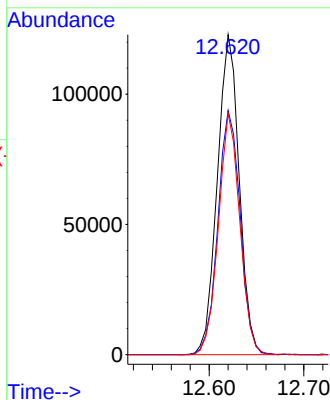
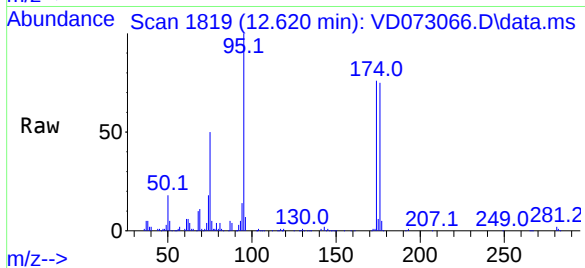




#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

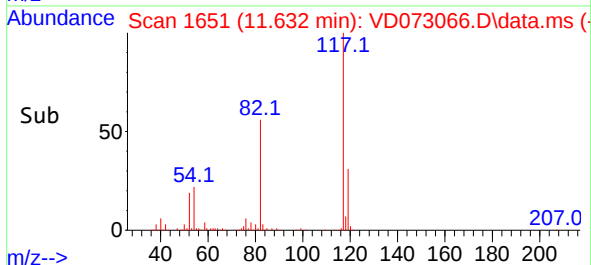
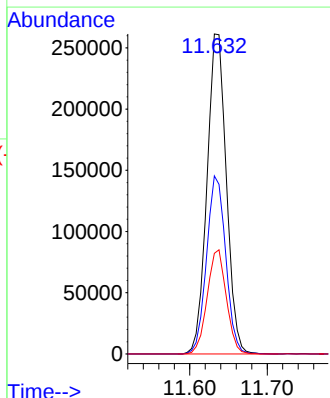
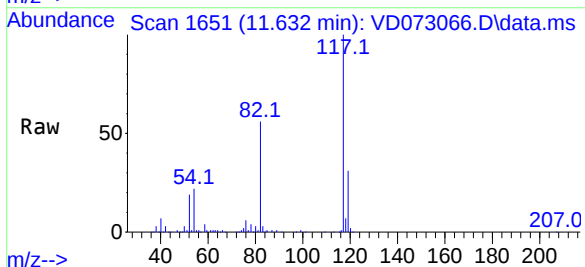
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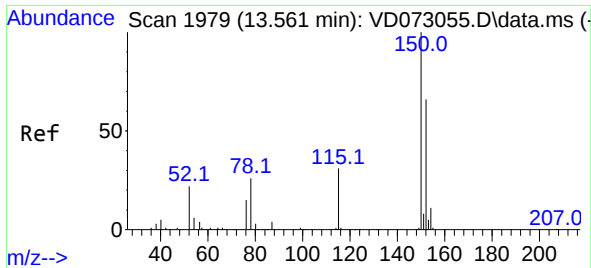
Tgt Ion: 95 Resp: 197313
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

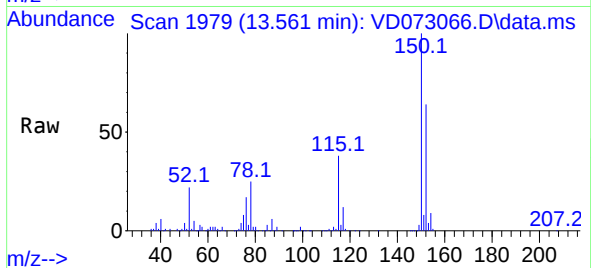
Tgt Ion: 117 Resp: 453888
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073066.D
 Acq: 17 May 2022 19:35

Instrument :
 MSVOA_D
 ClientSampleId :
 REDBOX-164718



Tgt Ion:152 Resp: 212614

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	155.9	0.0	348.6

