

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072810.D
 Acq On : 05 May 2022 15:16
 Operator : VA/SY
 Sample : N2672-03
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 03

Quant Time: May 06 03:49:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

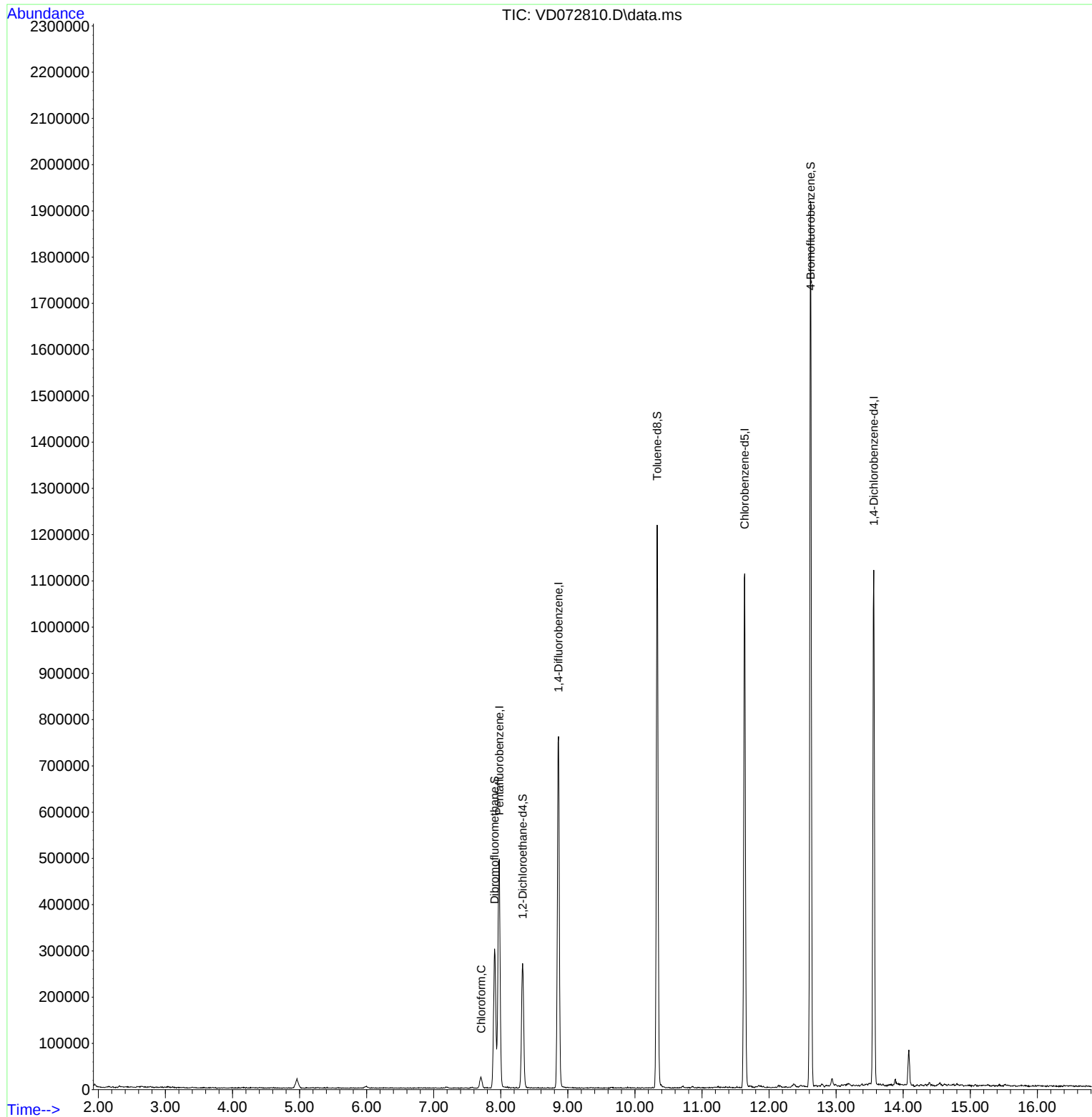
Internal Standards						
1) Pentafluorobenzene	7.979	168	359747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	646350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213919	45.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.620%
35) Dibromofluoromethane	7.908	113	214910	47.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.332	98	806073	49.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.620	95	312332	51.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.280%
Target Compounds						
					Qvalue	
30) Chloroform	7.708	83	21390	2.184	ug/l	95

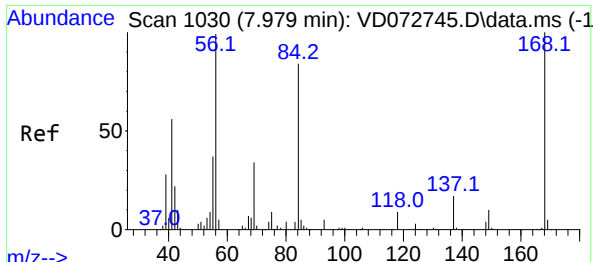
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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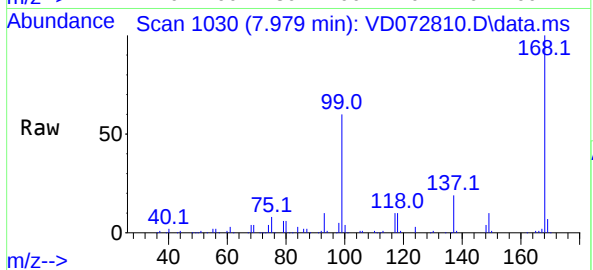
Quant Time: May 06 03:49:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
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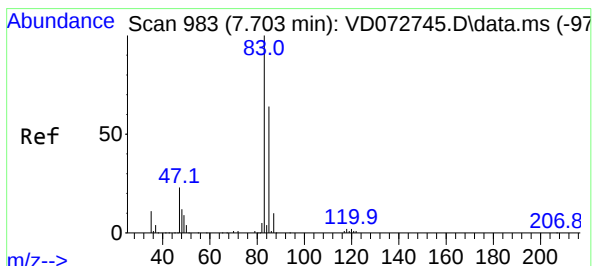
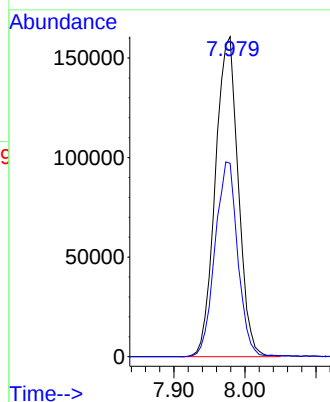
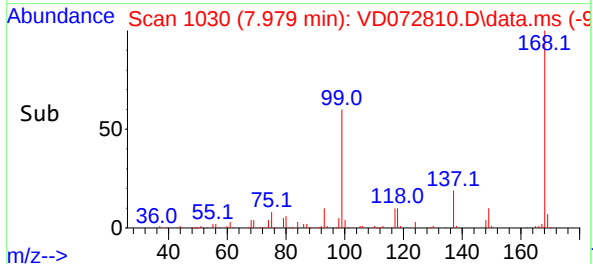


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

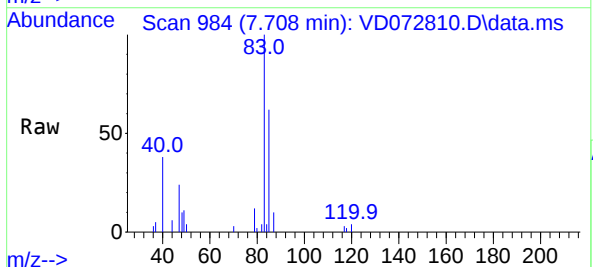
Instrument :
MSVOA_D
ClientSampleId :
03



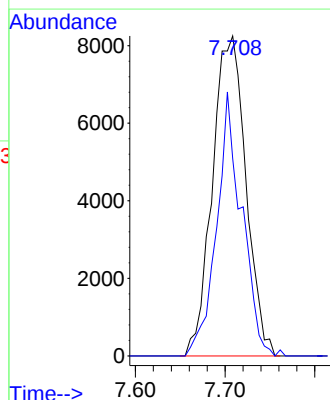
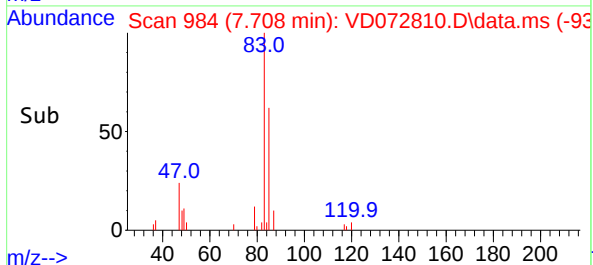
Tgt Ion:168 Resp: 359747
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6

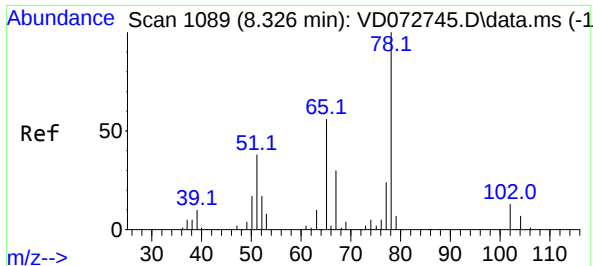


#30
Chloroform
Concen: 2.184 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.005 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16



Tgt Ion: 83 Resp: 21390
Ion Ratio Lower Upper
83 100
85 61.7 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 45.809 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072810.D

Acq: 05 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

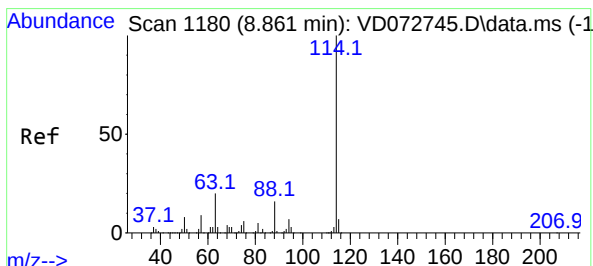
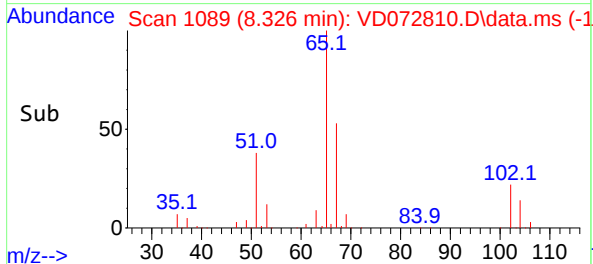
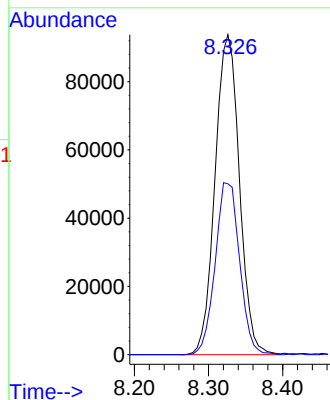
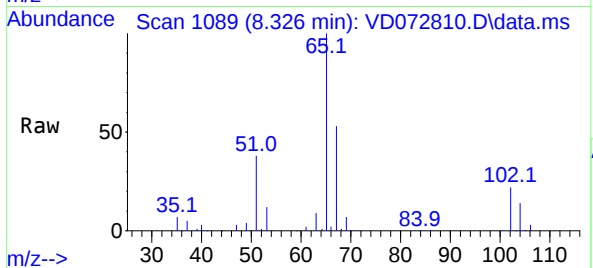
03

Tgt Ion: 65 Resp: 213919

Ion Ratio Lower Upper

65 100

67 53.9 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: VD072810.D

Acq: 05 May 2022 15:16

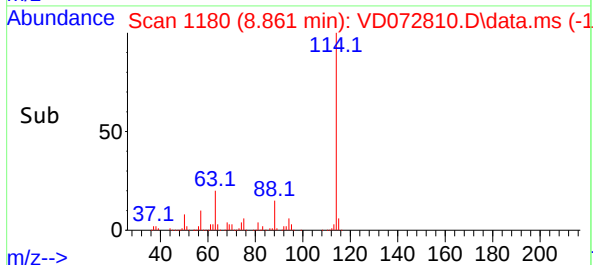
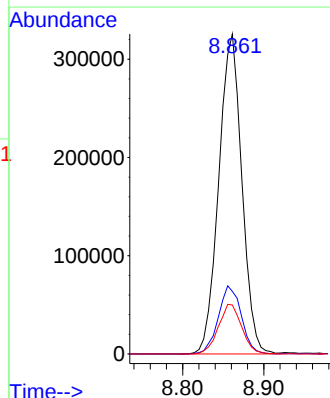
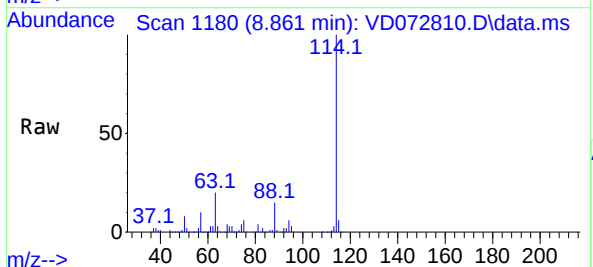
Tgt Ion: 114 Resp: 643808

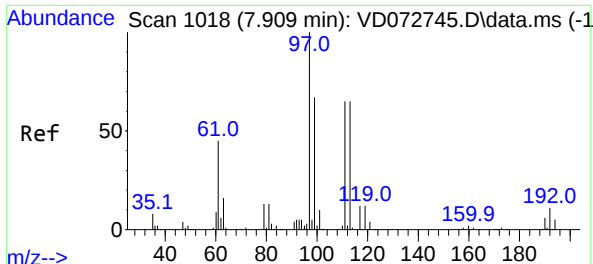
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.3 0.0 33.2

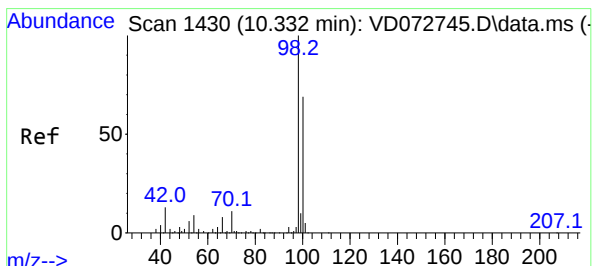
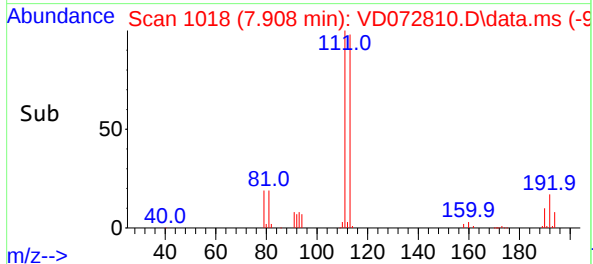
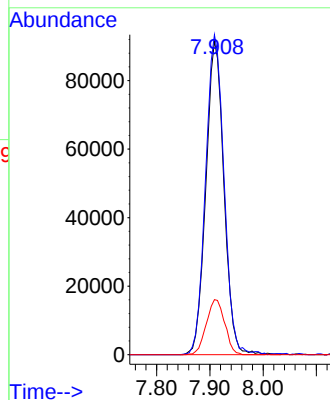
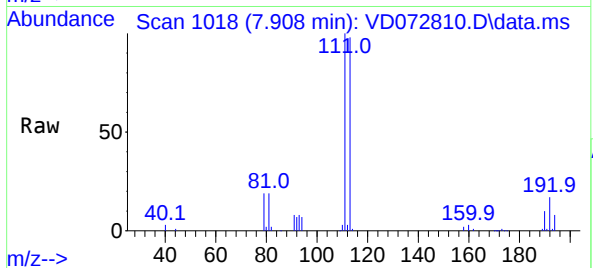




#35
Dibromofluoromethane
Concen: 47.530 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

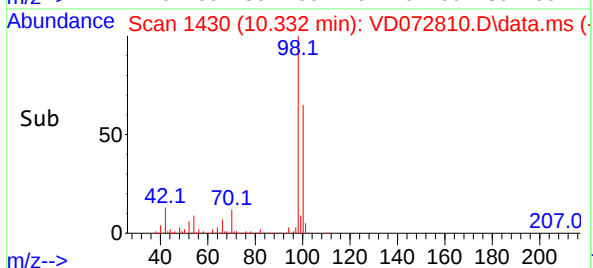
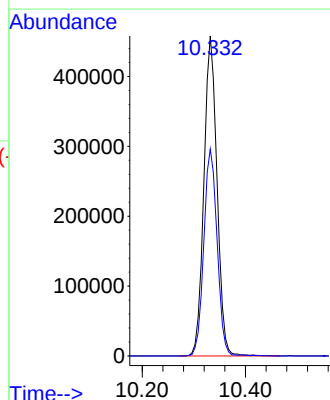
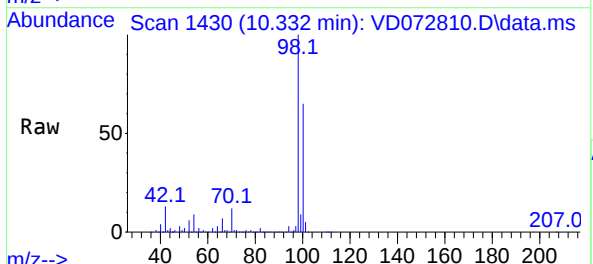
Instrument :
MSVOA_D
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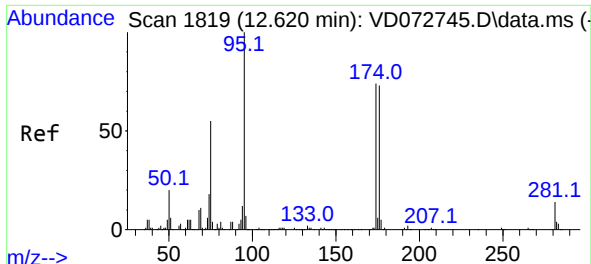
Tgt Ion:113 Resp: 214910
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 17.9 14.6 21.8



#50
Toluene-d8
Concen: 49.699 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

Tgt Ion: 98 Resp: 806073
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

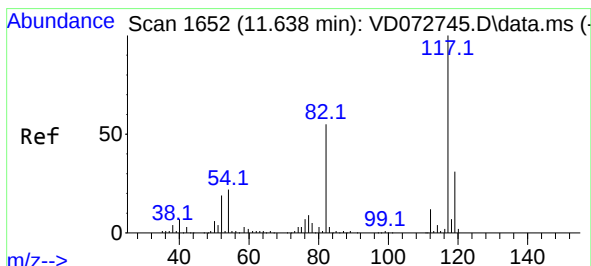
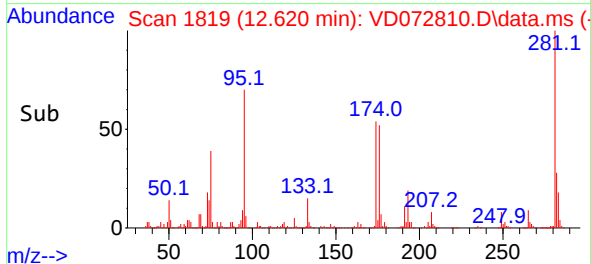
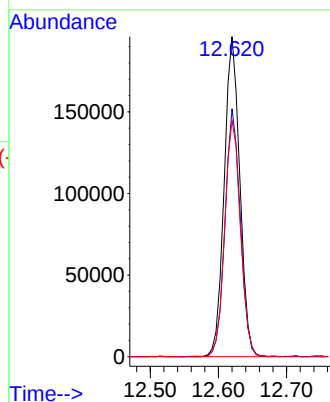
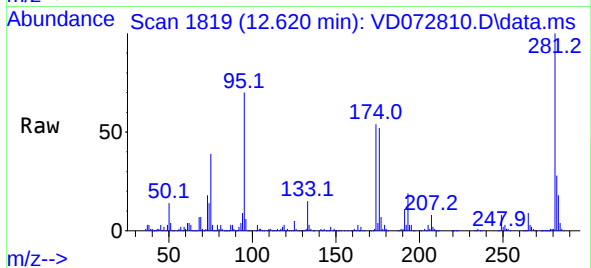




#62
4-Bromofluorobenzene
Concen: 51.645 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

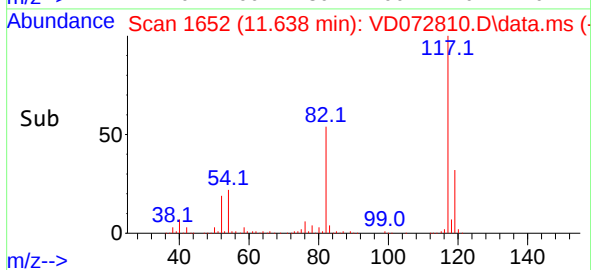
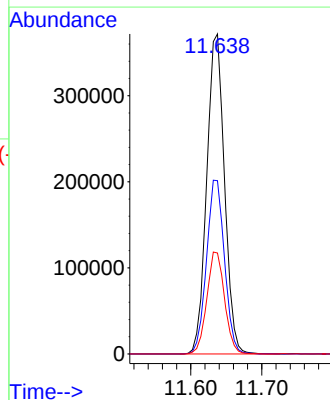
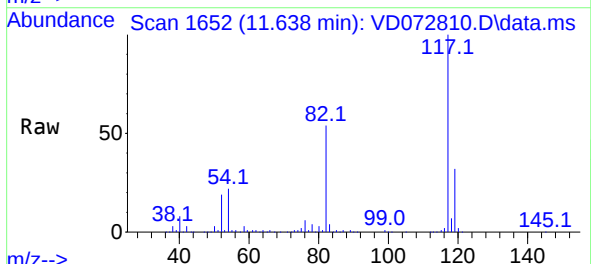
Instrument :
MSVOA_D
ClientSampleId :
03

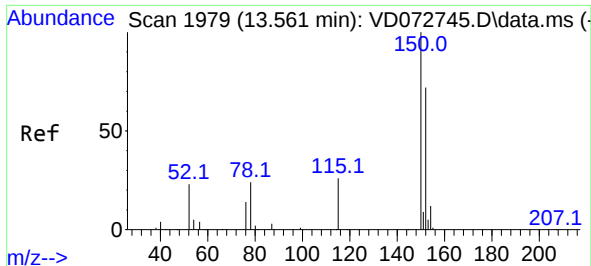
Tgt Ion: 95 Resp: 312332
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 74.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072810.D
Acq: 05 May 2022 15:16

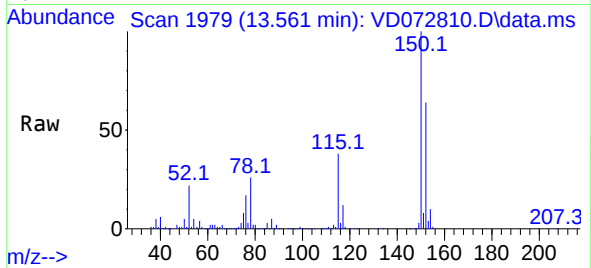
Tgt Ion: 117 Resp: 646350
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072810.D
 Acq: 05 May 2022 15:16

Instrument :
 MSVOA_D
 ClientSampleId :
 03



Tgt Ion:152 Resp: 292373

Ion	Ratio	Lower	Upper
152	100		
115	60.5	31.3	93.8
150	159.9	0.0	348.6

