

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072596.D
 Acq On : 18 Apr 2022 14:33
 Operator : VA/SY
 Sample : N2426-02
 Misc : 5.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-2

Quant Time: Apr 19 02:50:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

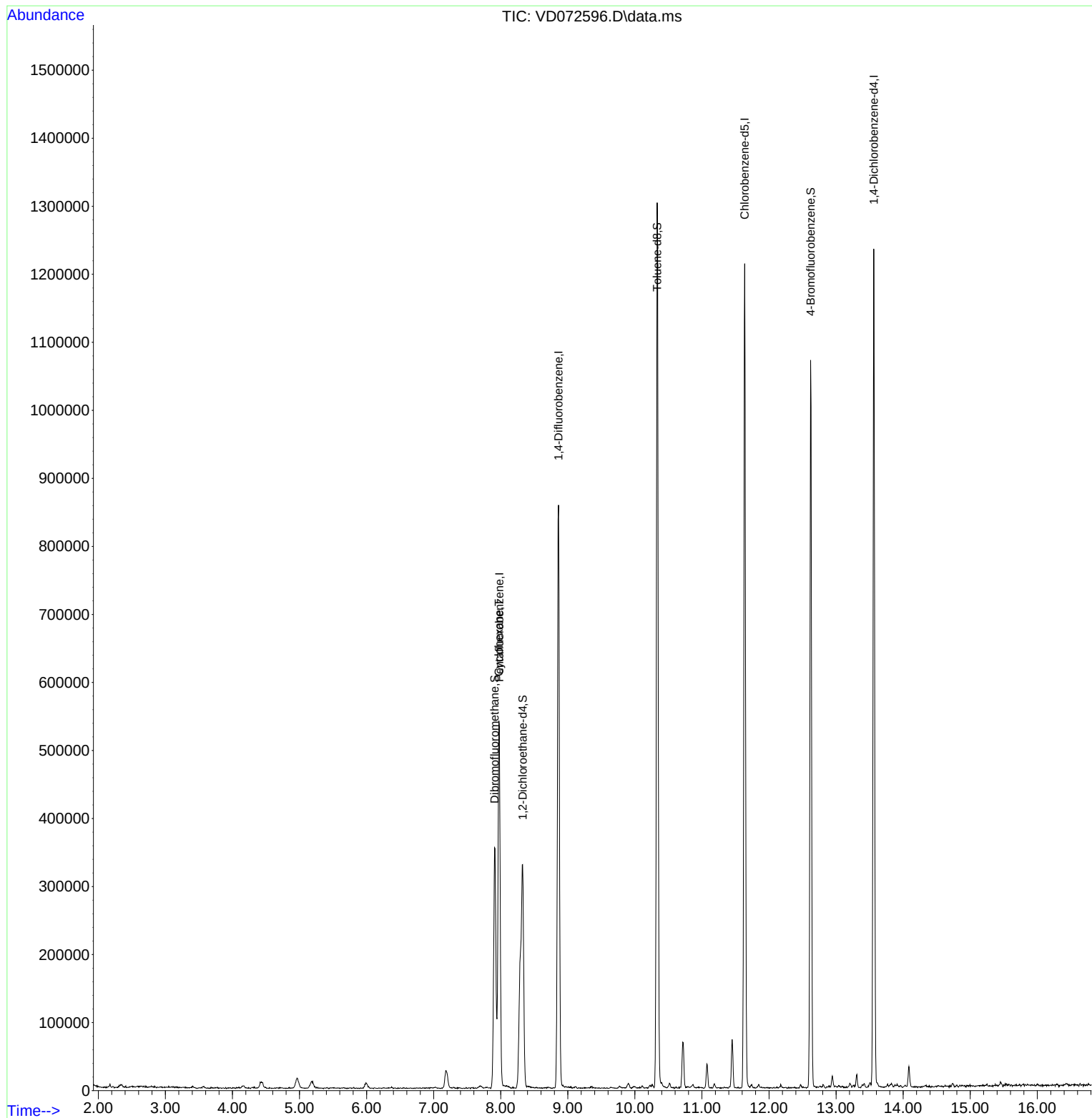
Internal Standards						
1) Pentafluorobenzene	7.979	168	399368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	720771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249175	51.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.909	113	256400	43.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.360%	
50) Toluene-d8	10.332	98	888465	43.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.080%	
62) 4-Bromofluorobenzene	12.620	95	319042	40.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.080%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	9293	1.471	ug/l #	11

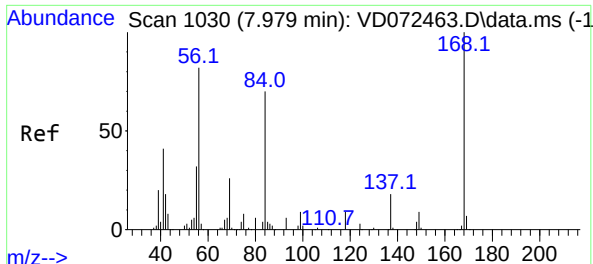
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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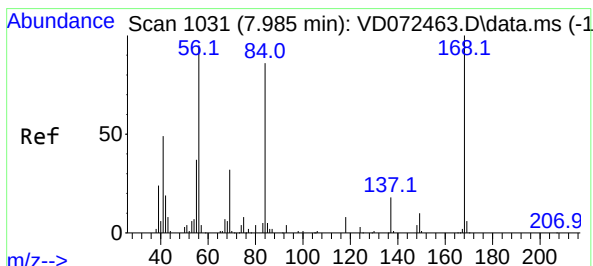
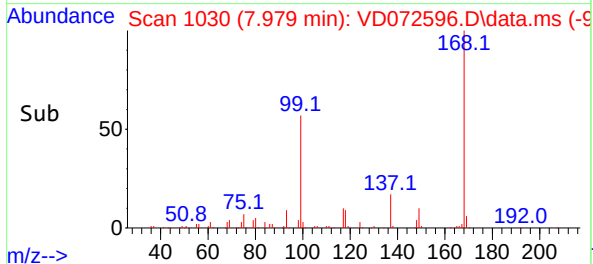
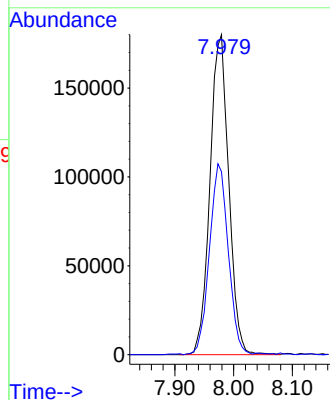
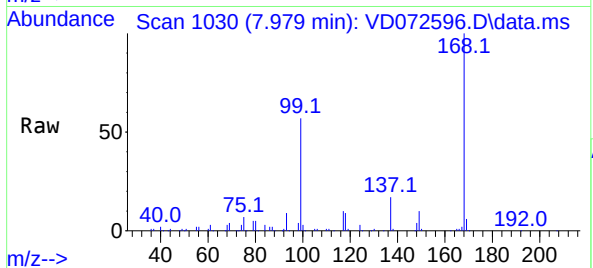




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

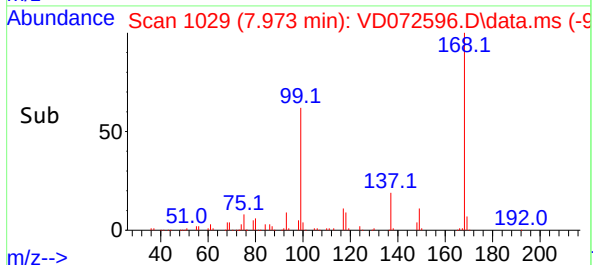
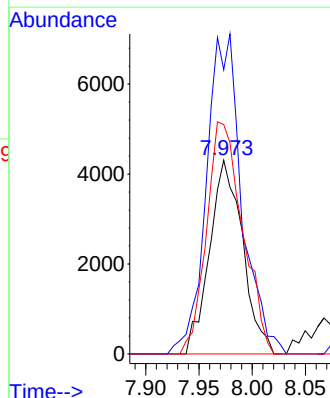
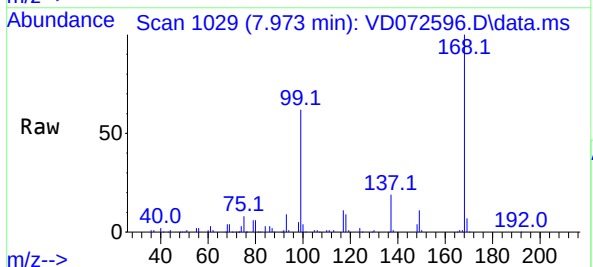
Instrument :
MSVOA_D
ClientSampleId :
PX-2

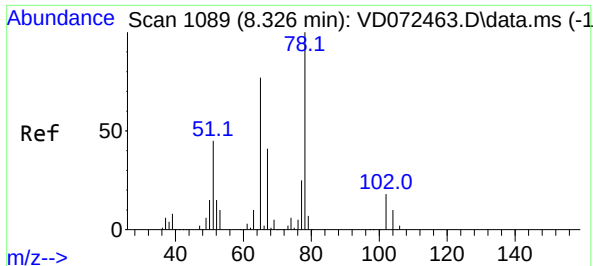
Tgt Ion:168 Resp: 399368
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#31
Cyclohexane
Concen: 1.471 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

Tgt Ion: 56 Resp: 9293
Ion Ratio Lower Upper
56 100
69 141.7 25.4 38.2#
84 118.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.577 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072596.D

Acq: 18 Apr 2022 14:33

Instrument :

MSVOA_D

ClientSampleId :

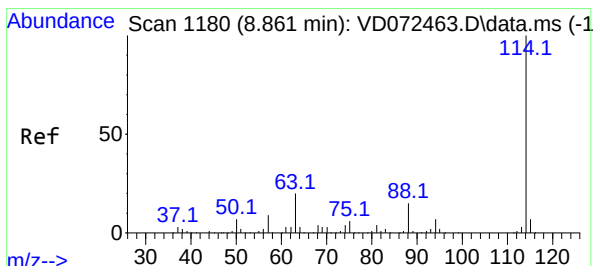
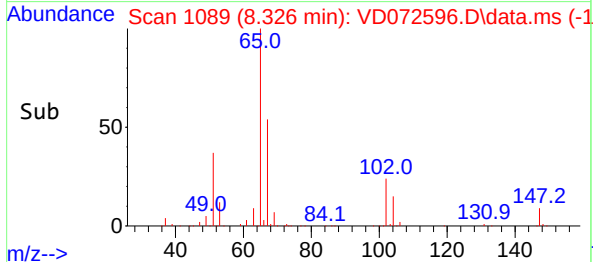
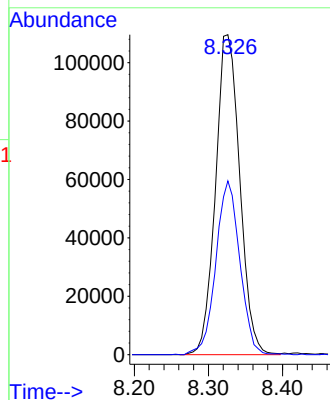
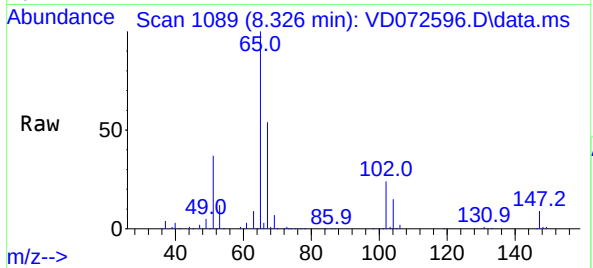
PX-2

Tgt Ion: 65 Resp: 249175

Ion Ratio Lower Upper

65 100

67 53.6 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: VD072596.D

Acq: 18 Apr 2022 14:33

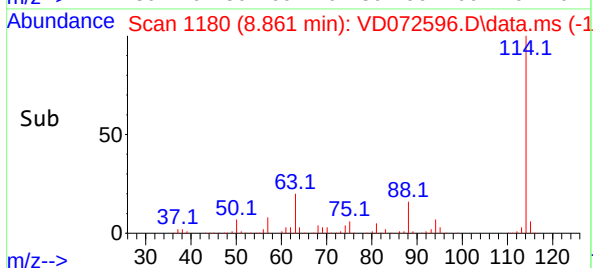
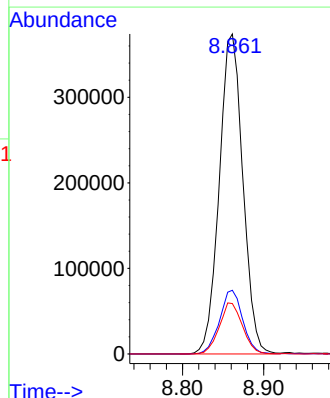
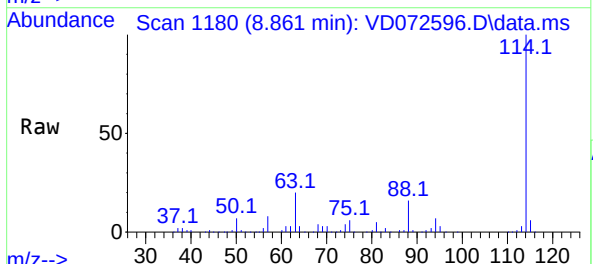
Tgt Ion: 114 Resp: 755337

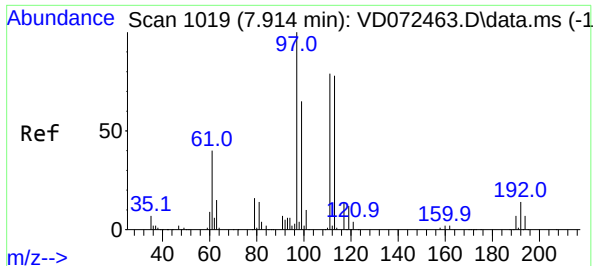
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.8 0.0 33.2

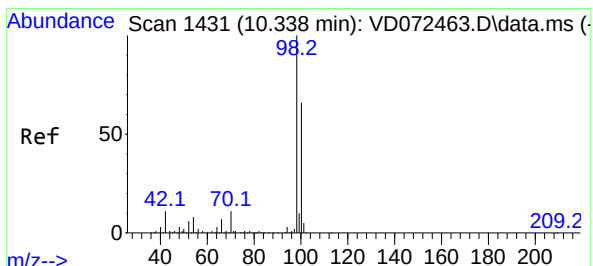
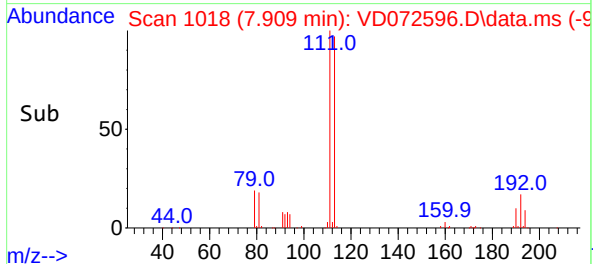
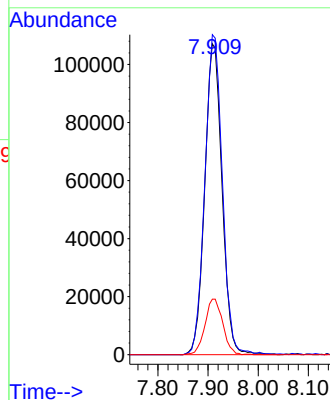
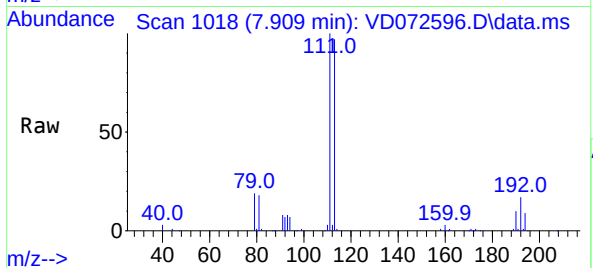




#35
Dibromofluoromethane
Concen: 43.679 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

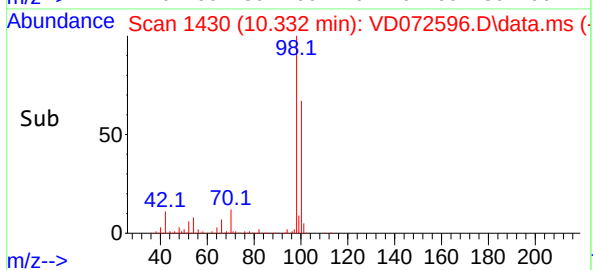
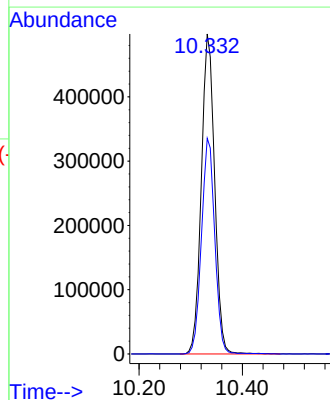
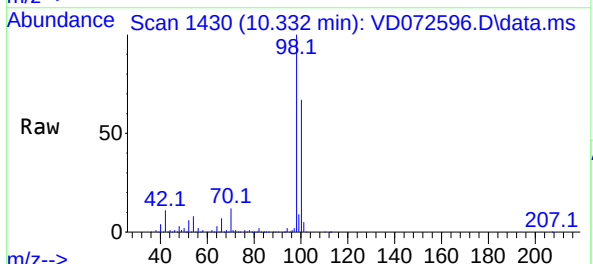
Instrument :
MSVOA_D
ClientSampleId :
PX-2

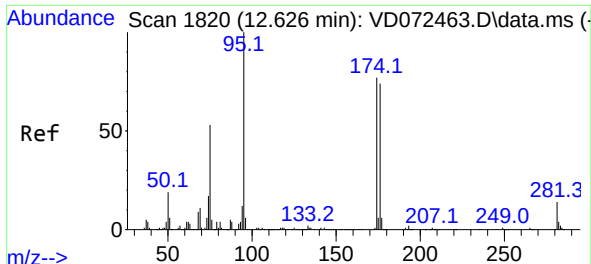
Tgt Ion:113 Resp: 256400
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 43.542 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

Tgt Ion: 98 Resp: 888465
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6

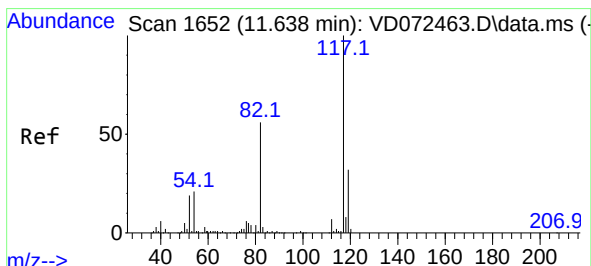
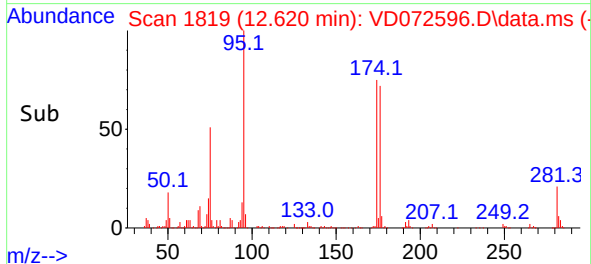
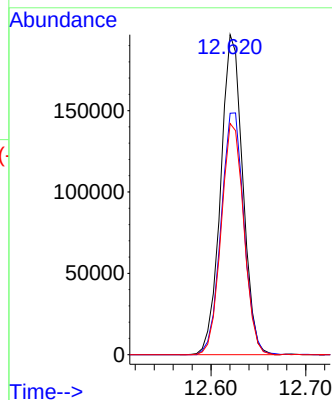
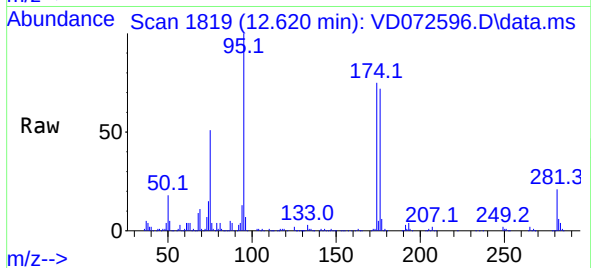




#62
4-Bromofluorobenzene
Concen: 40.036 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

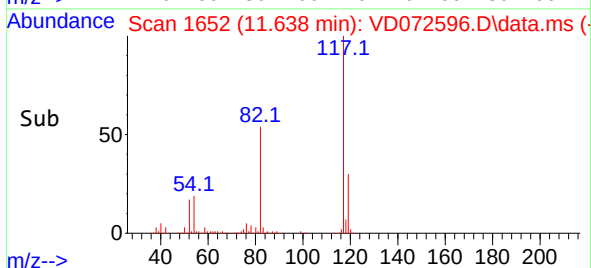
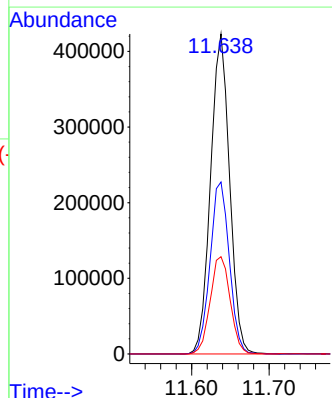
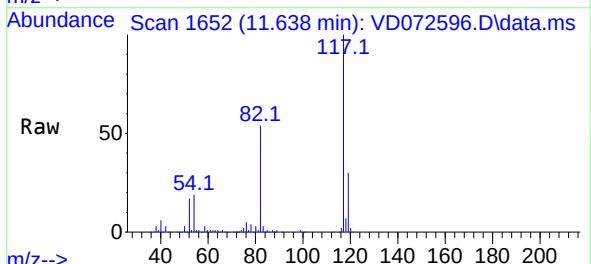
Instrument :
MSVOA_D
ClientSampleId :
PX-2

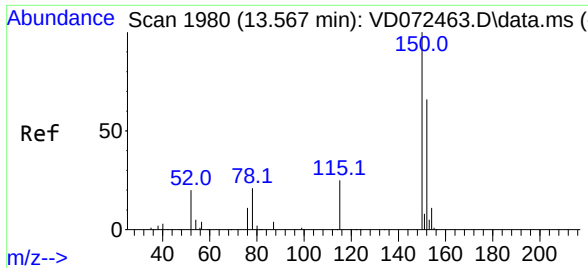
Tgt Ion: 95 Resp: 319042
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 73.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

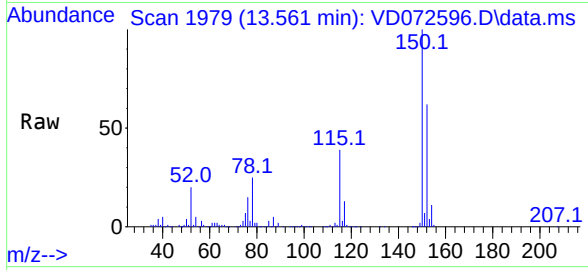
Tgt Ion: 117 Resp: 720771
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 30.4 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072596.D
Acq: 18 Apr 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :
PX-2



Tgt Ion:152 Resp: 327849

Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	156.1	0.0	348.6

