

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072646.D
 Acq On : 20 Apr 2022 14:43
 Operator : VA/SY
 Sample : N2446-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 339

Quant Time: Apr 21 01:50:30 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)

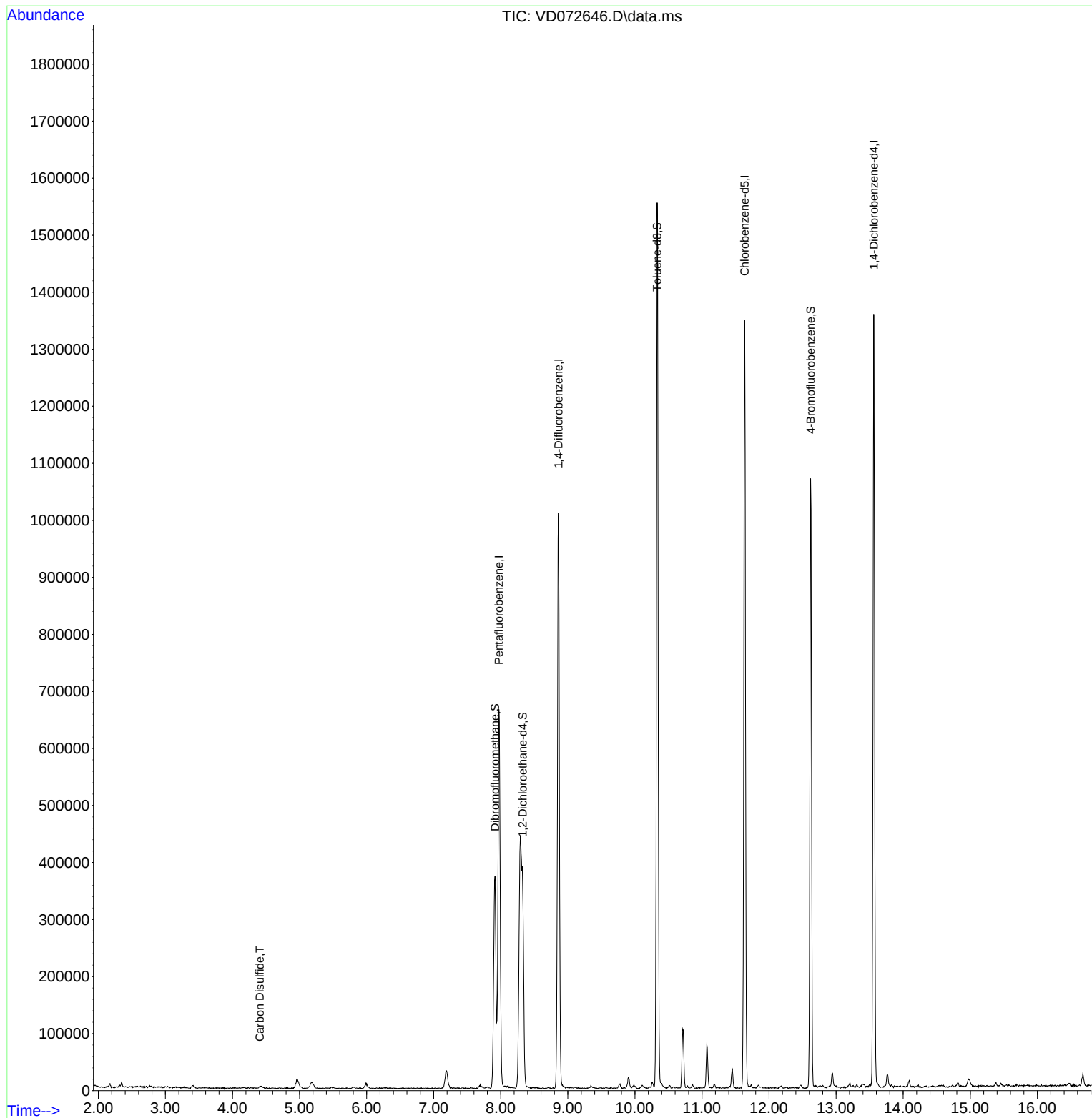
Internal Standards						
1) Pentafluorobenzene	7.973	168	485370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	869009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	809356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	360522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260087	44.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.600%
35) Dibromofluoromethane	7.914	113	275967	40.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.720%
50) Toluene-d8	10.332	98	1038012	44.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.440%
62) 4-Bromofluorobenzene	12.620	95	349233	38.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.180%
Target Compounds						
17) Carbon Disulfide	4.409	76	4035	4.022	ug/l	Qvalue # 79

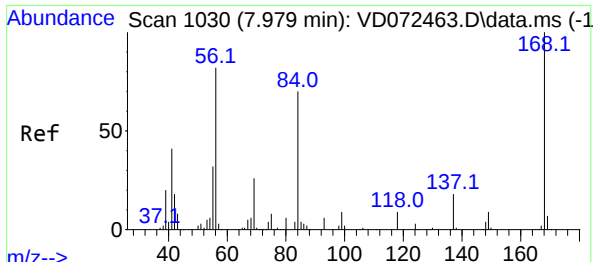
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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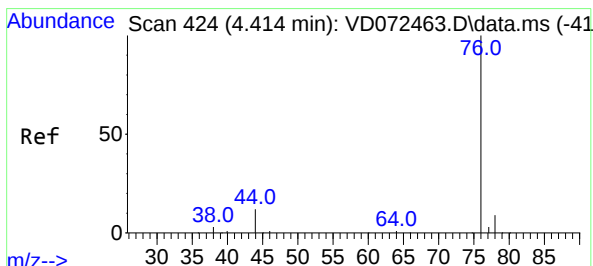
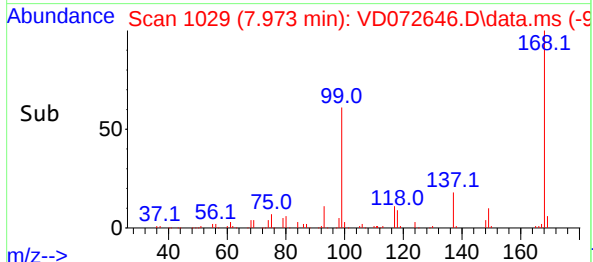
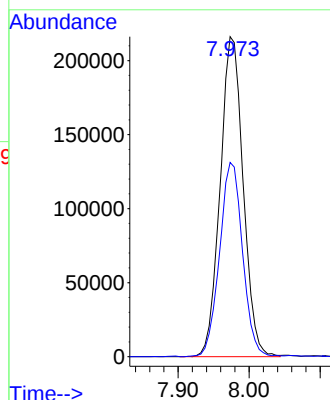
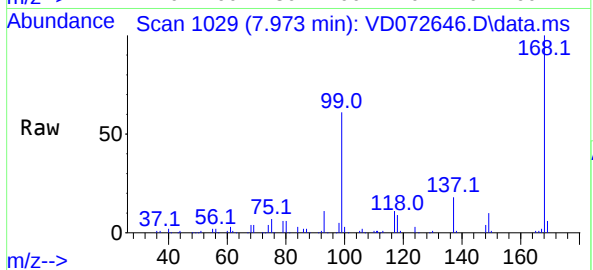




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

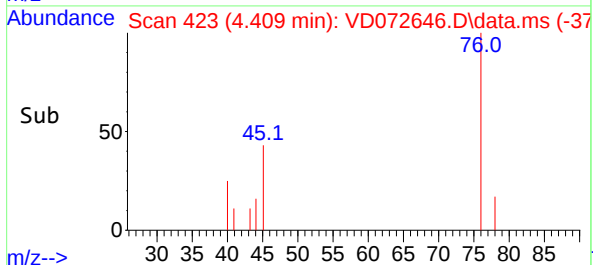
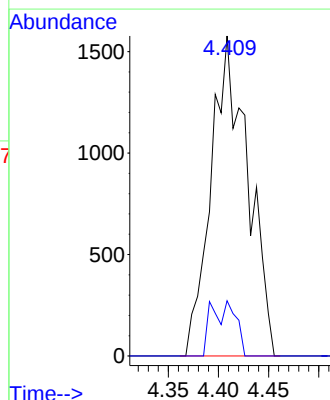
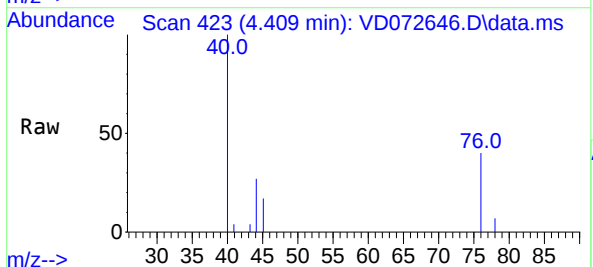
Instrument :
MSVOA_D
ClientSampleId :
339

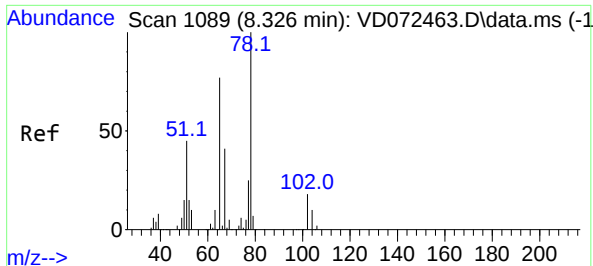
Tgt Ion:168 Resp: 485370
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#17
Carbon Disulfide
Concen: 4.022 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

Tgt Ion: 76 Resp: 4035
Ion Ratio Lower Upper
76 100
78 17.2 7.5 11.3#

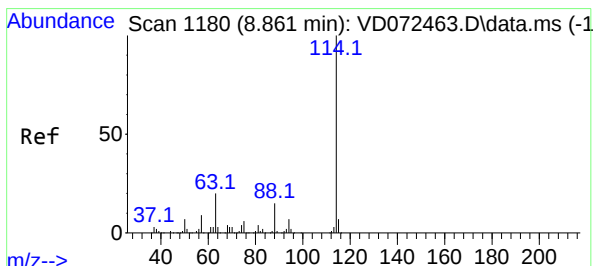
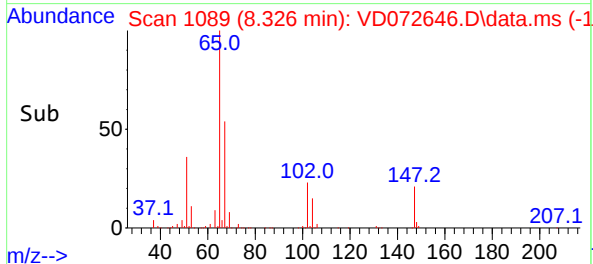
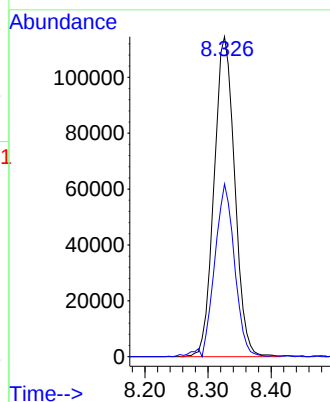
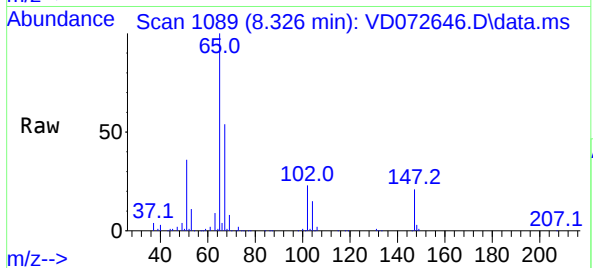




#33
1,2-Dichloroethane-d4
Concen: 44.297 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

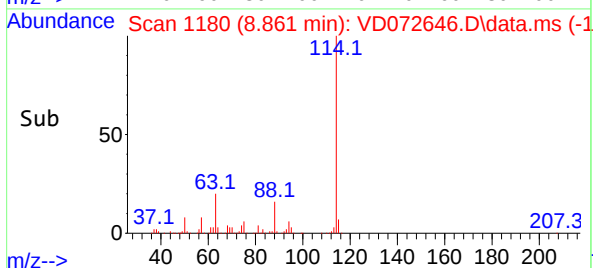
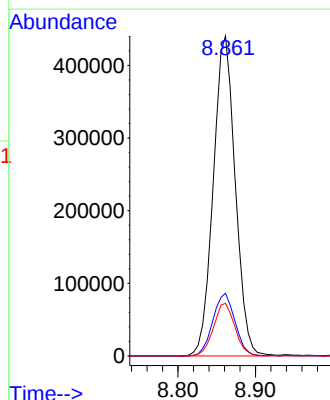
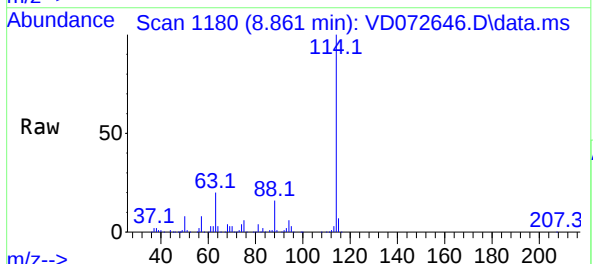
Instrument :
MSVOA_D
ClientSampleId :
339

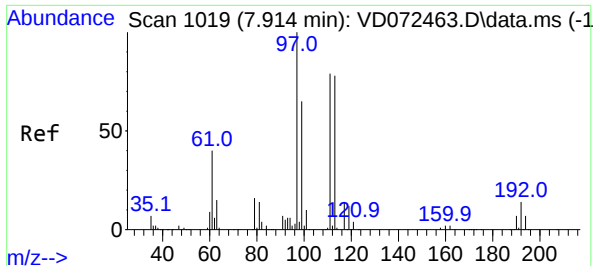
Tgt Ion: 65 Resp: 260087
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

Tgt Ion:114 Resp: 869009
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 16.5 0.0 33.2

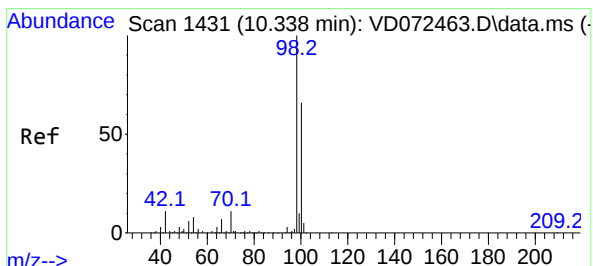
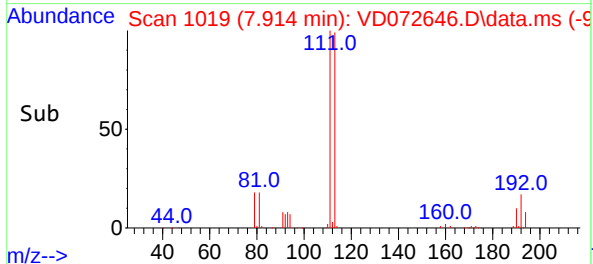
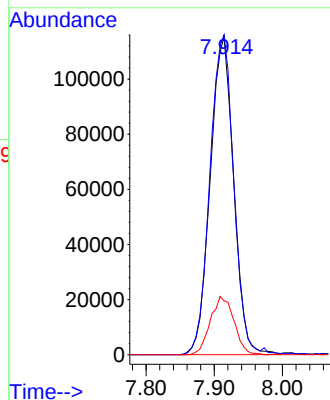
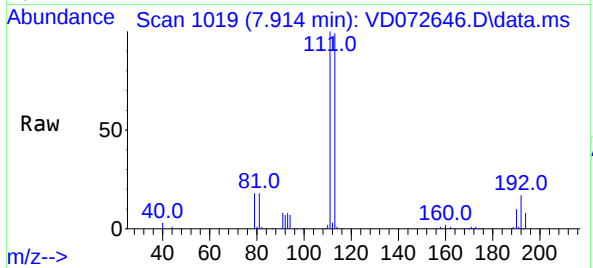




#35
Dibromofluoromethane
Concen: 40.863 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

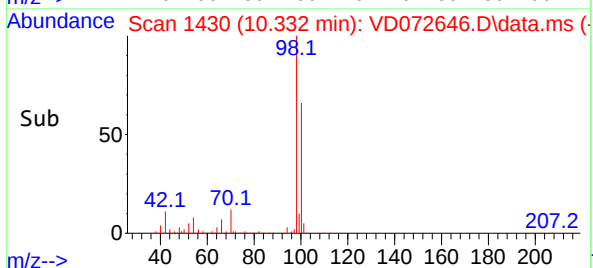
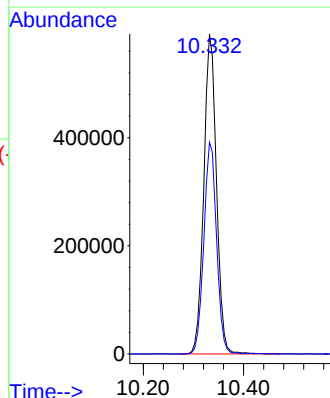
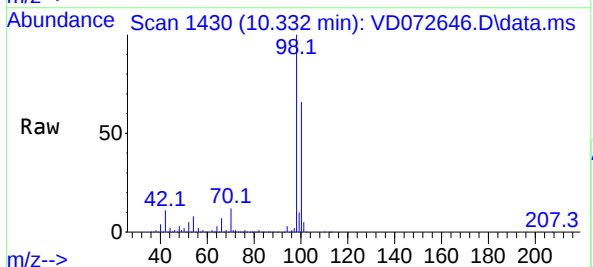
Instrument :
MSVOA_D
ClientSampleId :
339

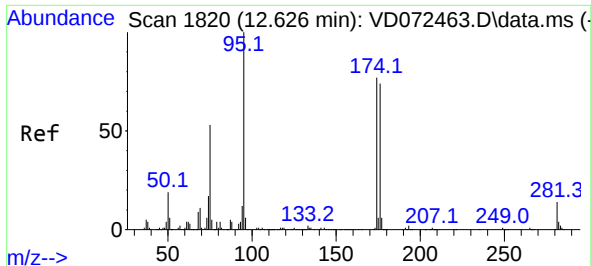
Tgt Ion:113 Resp: 275967
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 44.217 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

Tgt Ion: 98 Resp: 1038012
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

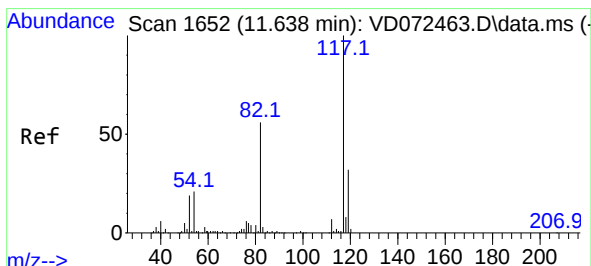
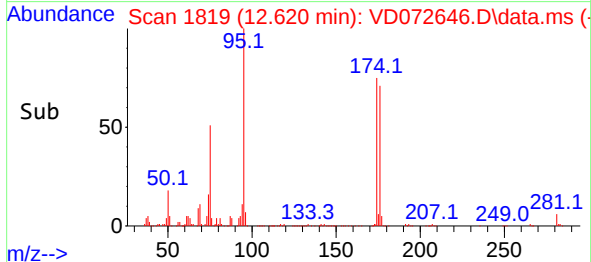
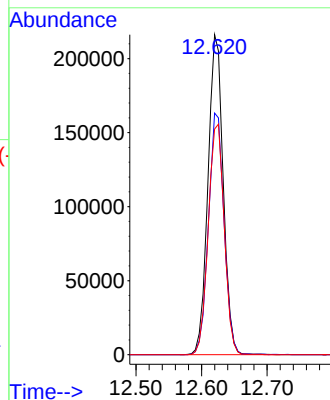
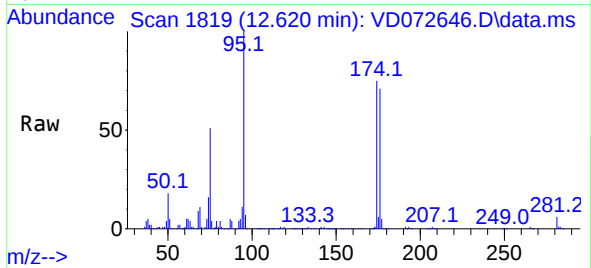




#62
4-Bromofluorobenzene
Concen: 38.092 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

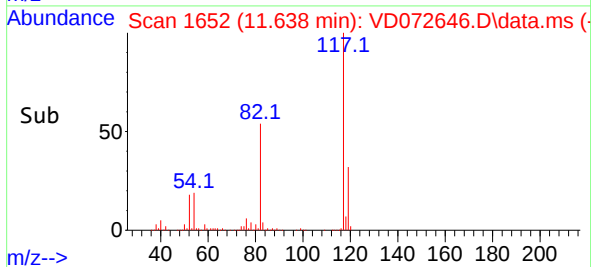
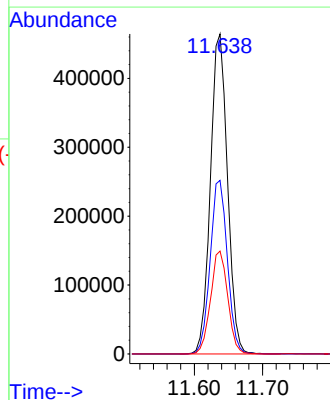
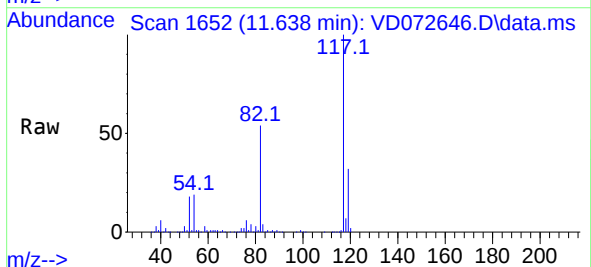
Instrument :
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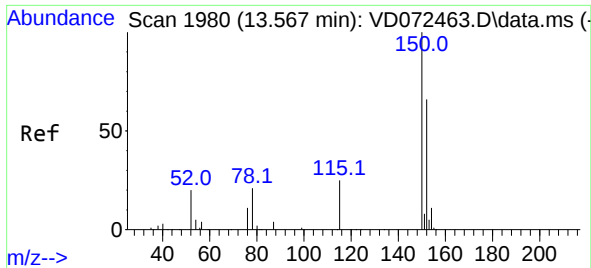
Tgt Ion: 95 Resp: 349233
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072646.D
Acq: 20 Apr 2022 14:43

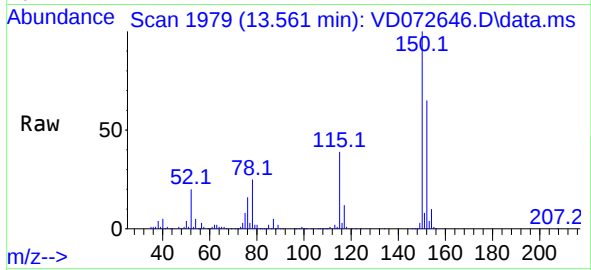
Tgt Ion: 117 Resp: 809356
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.2 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072646.D
 Acq: 20 Apr 2022 14:43

Instrument :
 MSVOA_D
 ClientSampleId :
 339



Tgt Ion:152 Resp: 360522

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.3	93.8
150	157.3	0.0	348.6

