

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072320.D
 Acq On : 19 Mar 2022 06:29
 Operator : VA/SY
 Sample : N1970-13
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-4-3-6-7

Quant Time: Mar 19 08:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

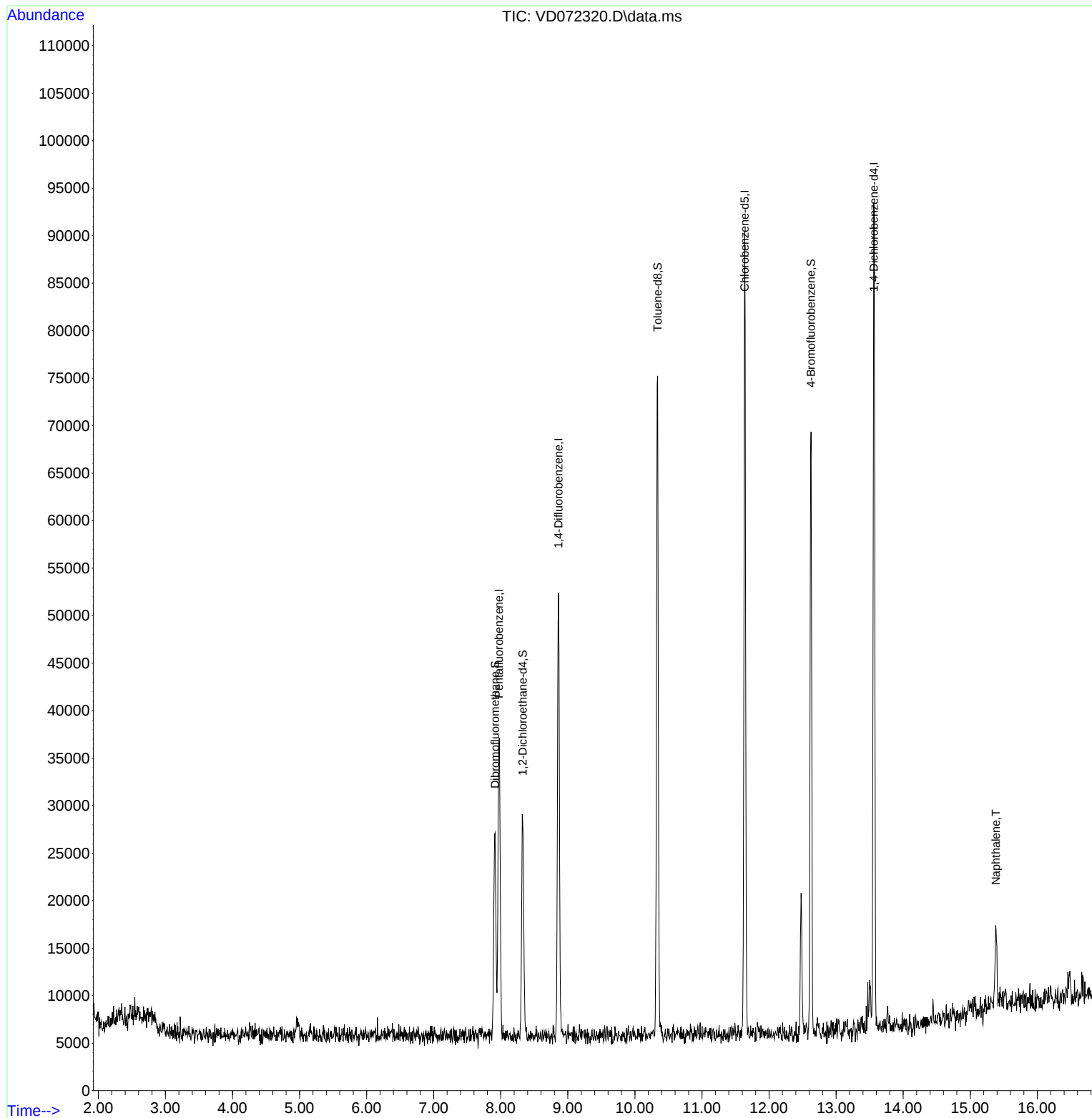
Internal Standards						
1) Pentafluorobenzene	7.973	168	24216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	39219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	46624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	23635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	19345	71.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.360%	
35) Dibromofluoromethane	7.914	113	15889	57.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.140%	
50) Toluene-d8	10.338	98	46266	45.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.700%	
62) 4-Bromofluorobenzene	12.626	95	21050	53.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.360%	
Target Compounds						
					Qvalue	
95) Naphthalene	15.384	128	7359	8.371	ug/l	# 97

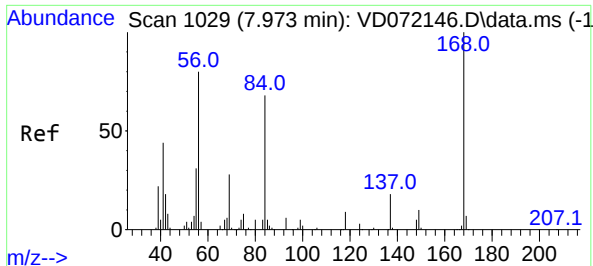
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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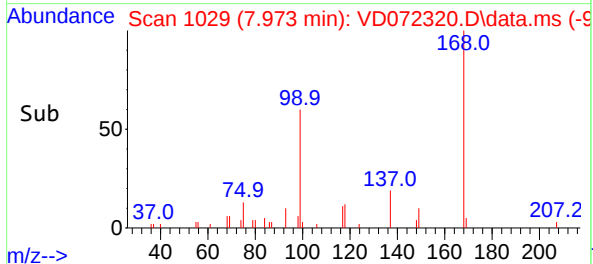
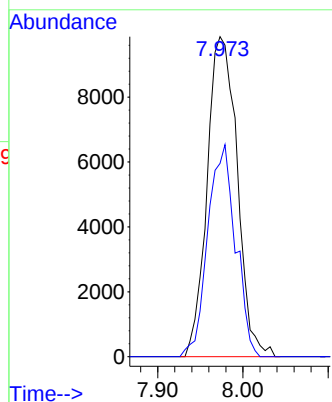
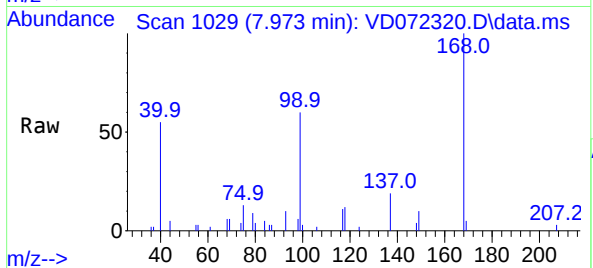




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

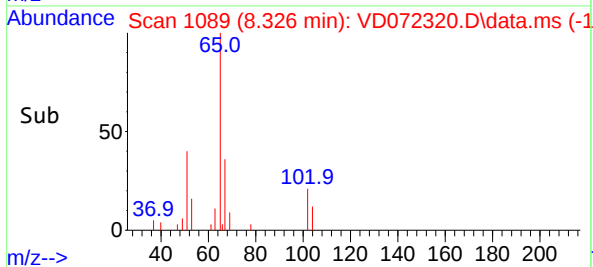
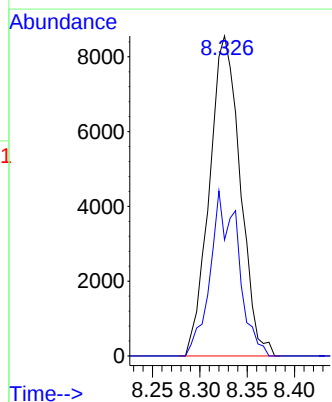
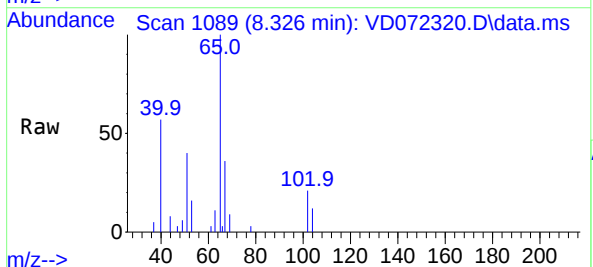
Instrument :
MSVOA_D
ClientSampleId :
G-4-3-6-7

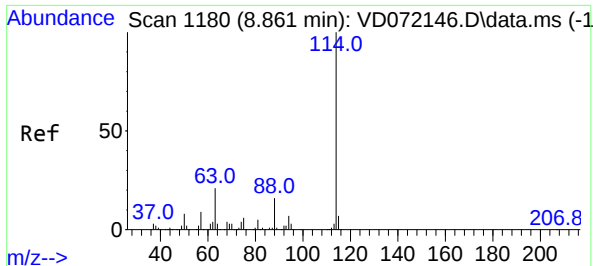
Tgt Ion:168 Resp: 24216
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 71.682 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

Tgt Ion: 65 Resp: 19345
Ion Ratio Lower Upper
65 100
67 46.9 0.0 101.4

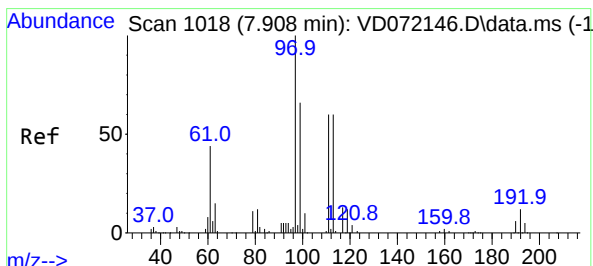
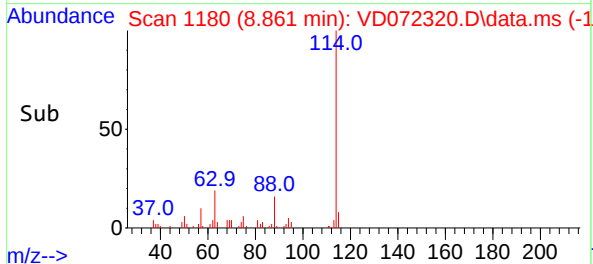
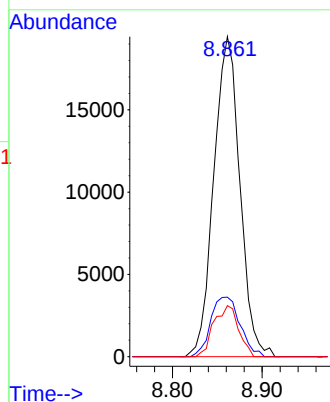
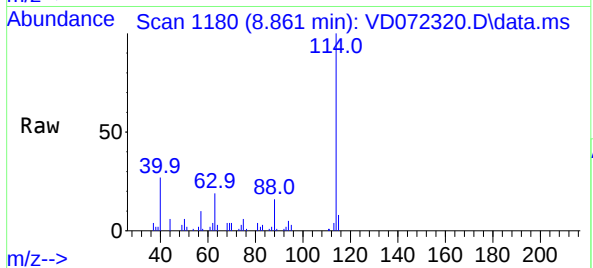




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

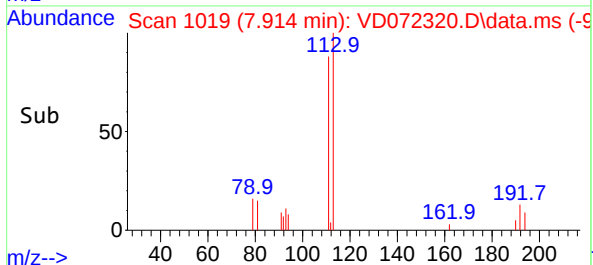
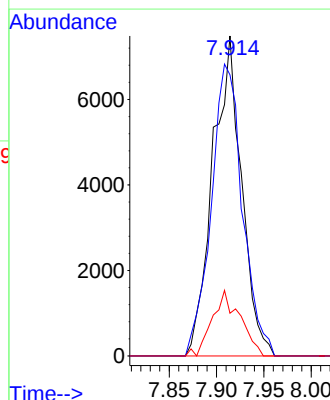
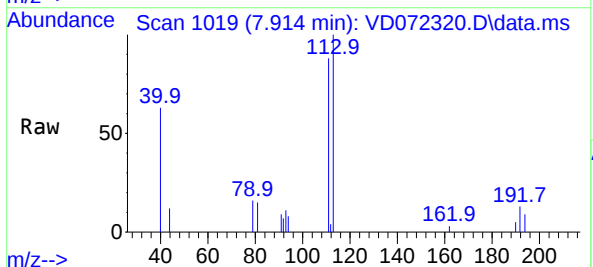
Instrument :
MSVOA_D
ClientSampleId :
G-4-3-6-7

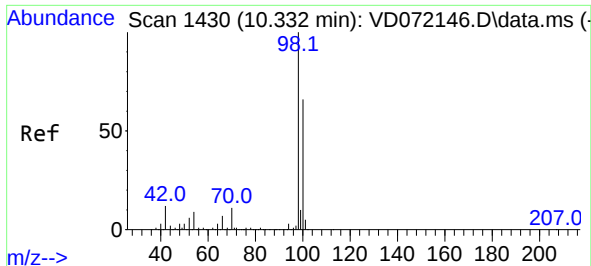
Tgt Ion:	114	Resp:	39219
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	46.6
88	16.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 57.572 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

Tgt Ion:	113	Resp:	15889
Ion	Ratio	Lower	Upper
113	100		
111	98.6	83.8	125.6
192	19.8	14.6	21.8

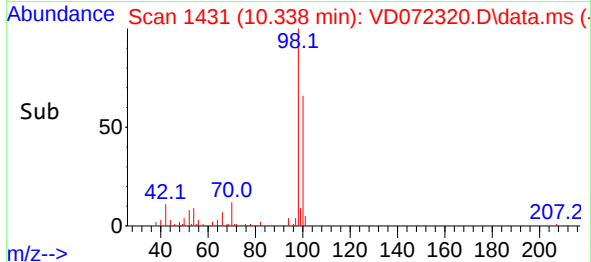
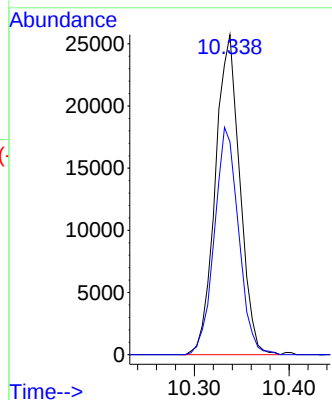
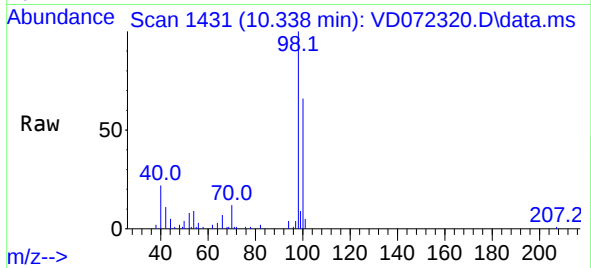




#50
Toluene-d8
Concen: 45.846 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

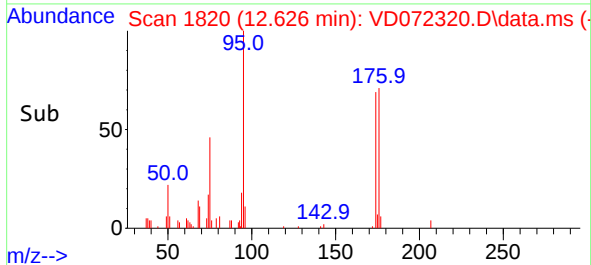
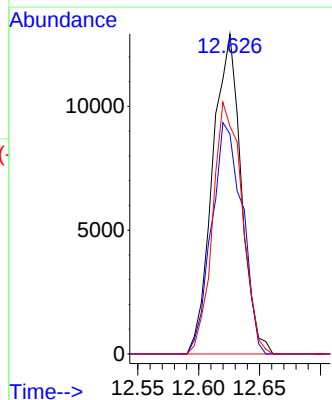
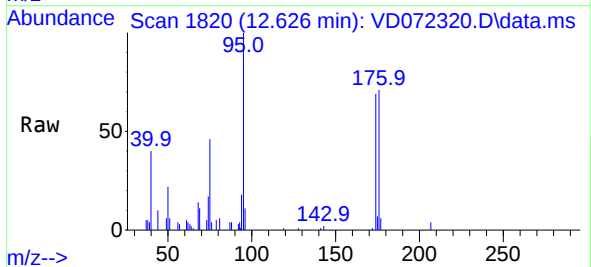
Instrument :
MSVOA_D
ClientSampleId :
G-4-3-6-7

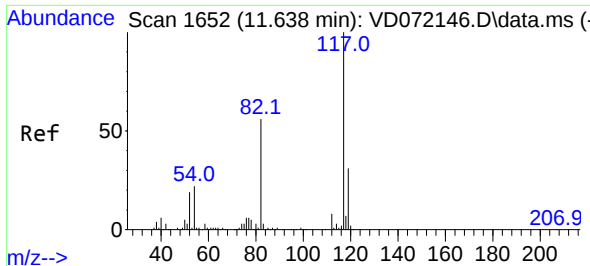
Tgt Ion: 98 Resp: 46266
Ion Ratio Lower Upper
98 100
100 70.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.684 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

Tgt Ion: 95 Resp: 21050
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 80.7 0.0 145.4

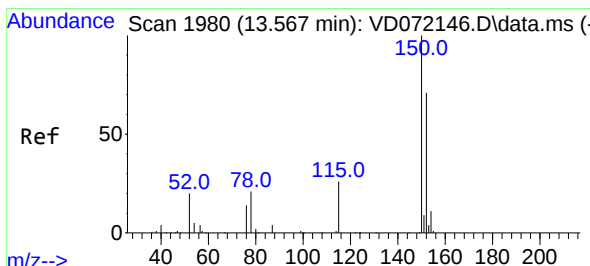
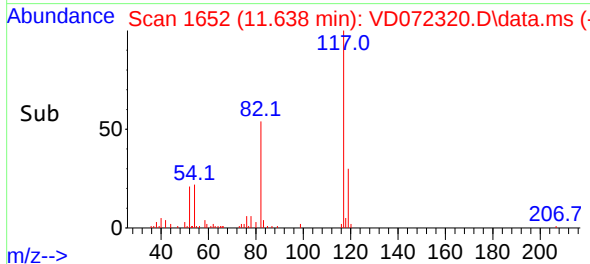
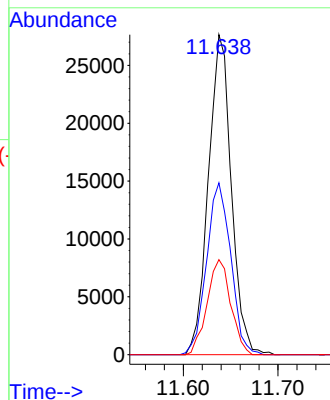
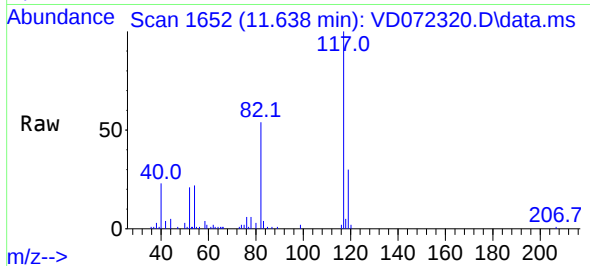




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

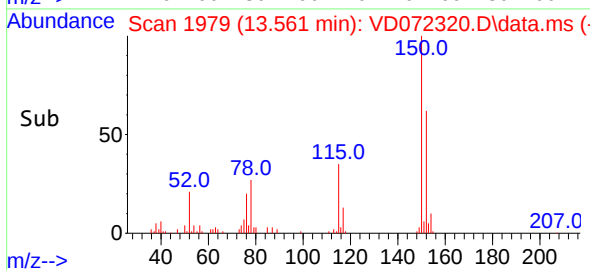
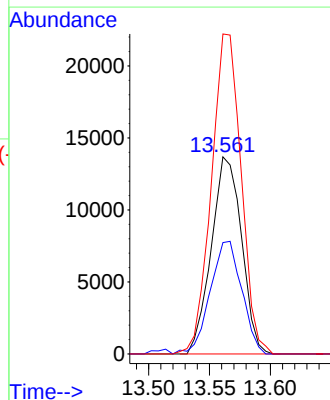
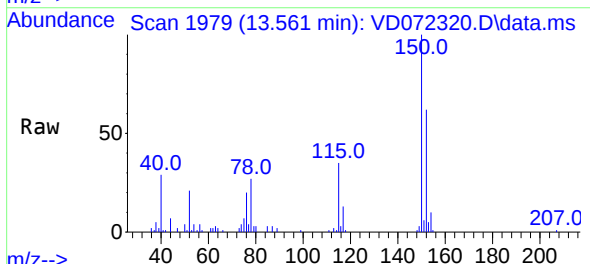
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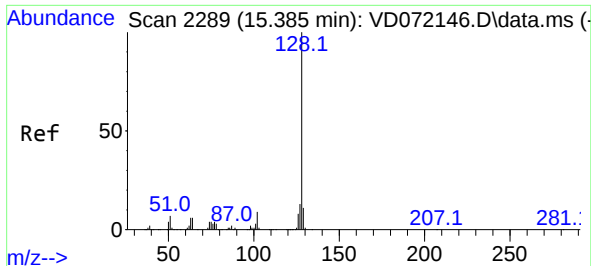
Tgt Ion:117	Resp:	46624
Ion Ratio	Lower	Upper
117	100	
82	53.7	45.3 67.9
119	29.7	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

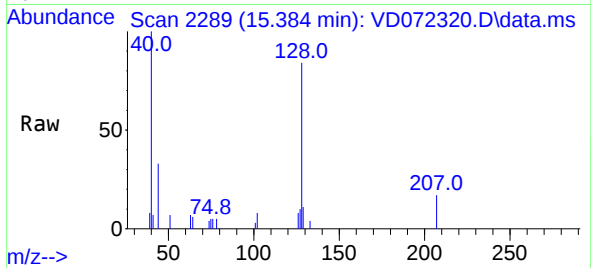
Tgt Ion:152	Resp:	23635
Ion Ratio	Lower	Upper
152	100	
115	59.5	31.3 93.8
150	159.6	0.0 348.6





#95
Naphthalene
Concen: 8.371 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072320.D
Acq: 19 Mar 2022 06:29

Instrument :
MSVOA_D
ClientSampleId :
G-4-3-6-7



Tgt Ion:128 Resp: 7359
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.9 8.4 12.6#

