

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070379.D
 Acq On : 20 Sep 2021 12:54
 Operator : VA/SY
 Sample : M3804-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091721

Quant Time: Sep 21 03:33:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

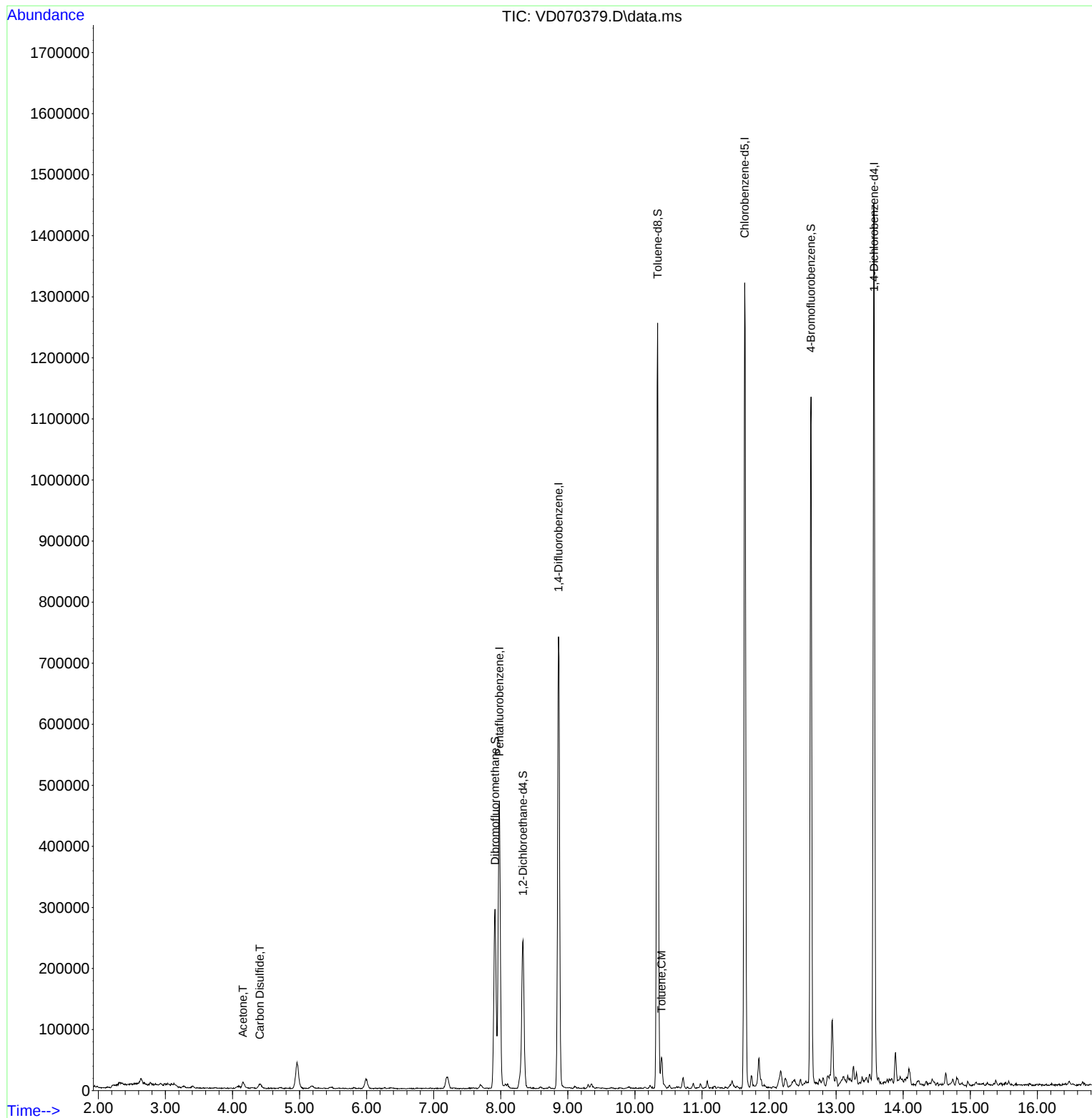
Internal Standards						
1) Pentafluorobenzene	7.979	168	321951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	783340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	379113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	189674	45.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.760%
35) Dibromofluoromethane	7.914	113	216640	47.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.540%
50) Toluene-d8	10.338	98	854833	51.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.626	95	400414	68.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	137.720%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	17522	23.741	ug/l	99
17) Carbon Disulfide	4.409	76	15763	1.140	ug/l #	92
52) Toluene	10.397	92	20183	1.656	ug/l	92

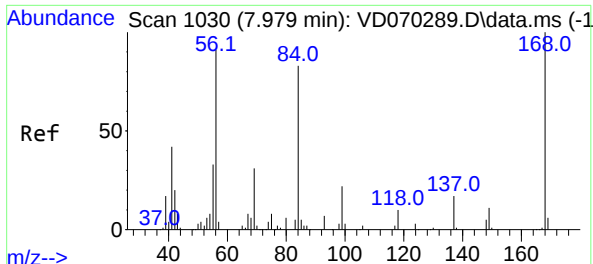
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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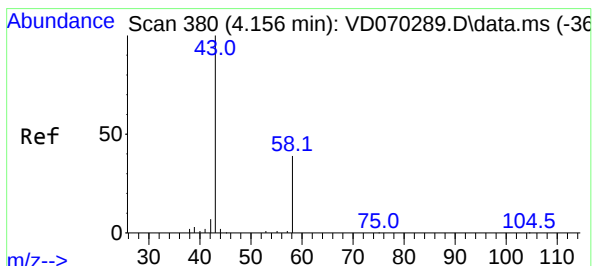
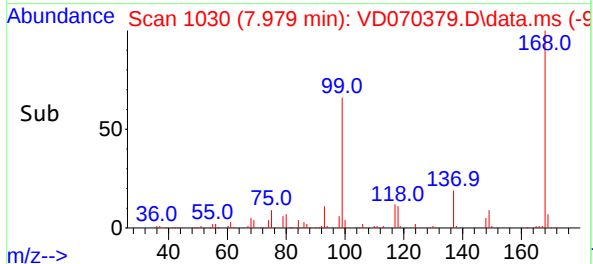
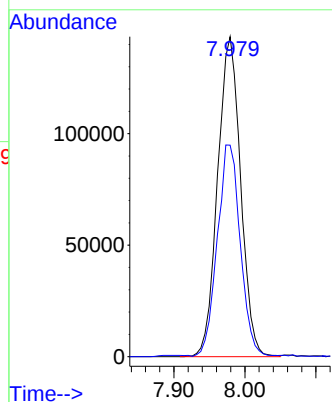
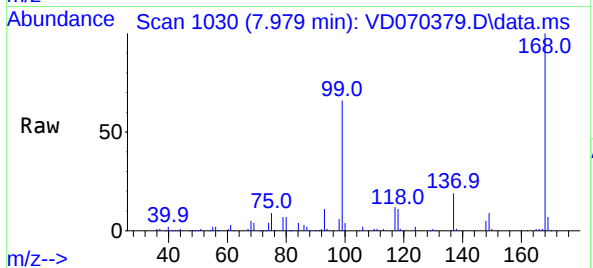




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

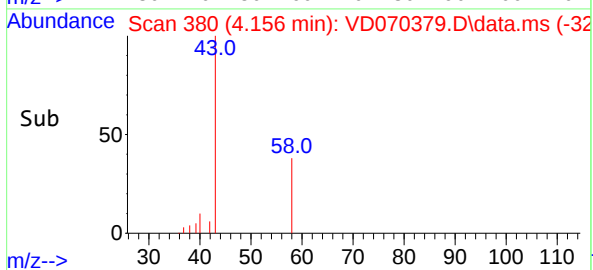
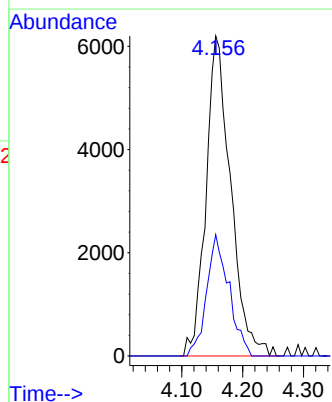
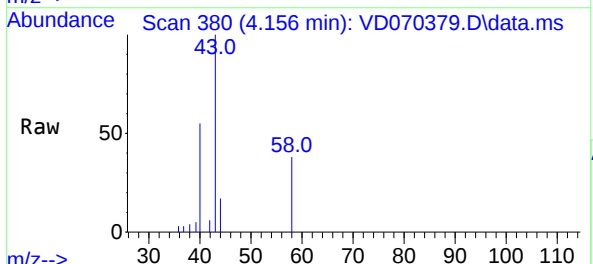
Instrument :
MSVOA_D
ClientSampleId :
CL-01-091721

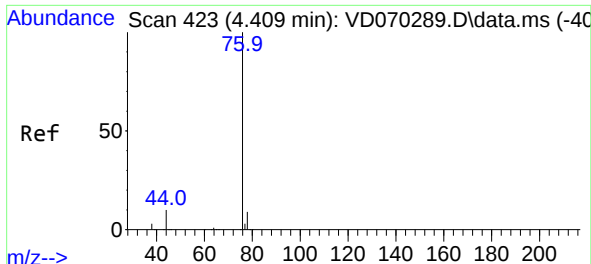
Tgt Ion:168 Resp: 321951
Ion Ratio Lower Upper
168 100
99 65.7 50.8 76.2



#16
Acetone
Concen: 23.741 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

Tgt Ion: 43 Resp: 17522
Ion Ratio Lower Upper
43 100
58 37.9 30.9 46.3

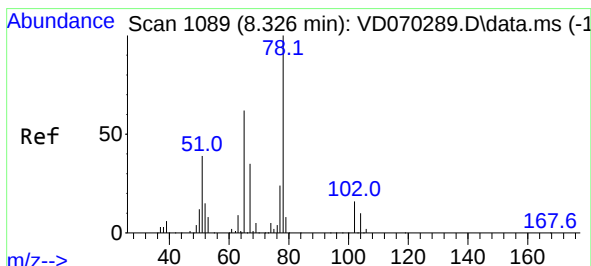
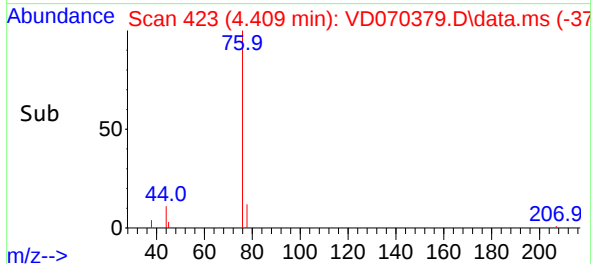
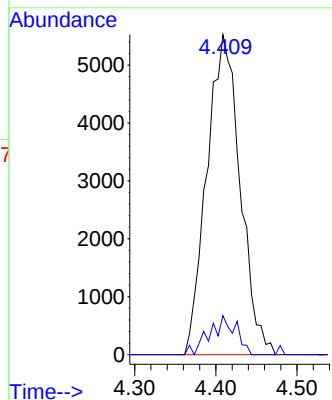
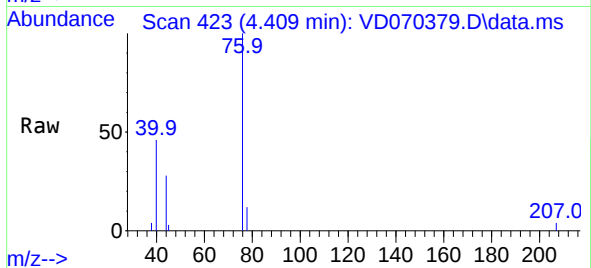




#17
Carbon Disulfide
Concen: 1.140 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

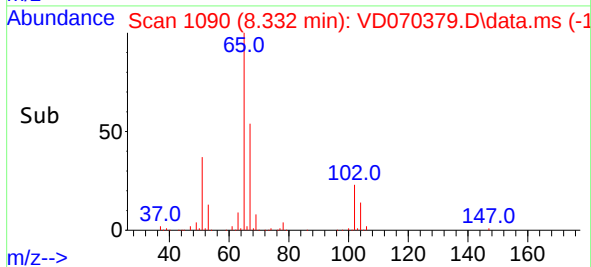
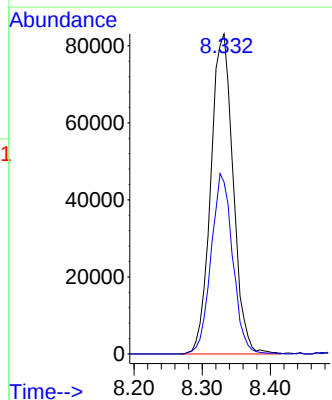
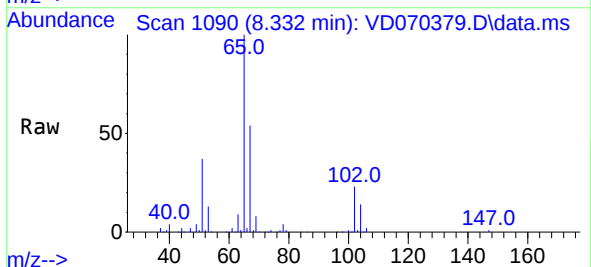
Instrument :
MSVOA_D
ClientSampleId :
CL-01-091721

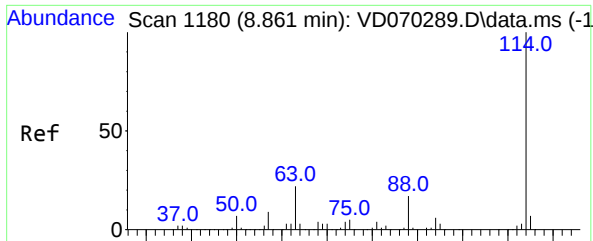
Tgt Ion: 76 Resp: 15763
Ion Ratio Lower Upper
76 100
78 12.2 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 45.882 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

Tgt Ion: 65 Resp: 189674
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4



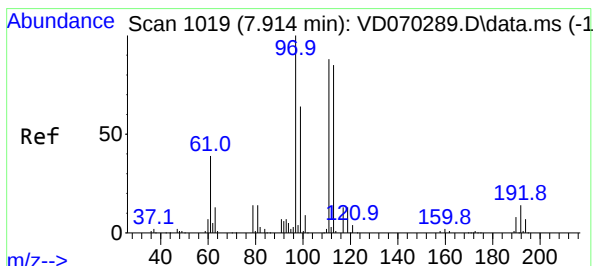
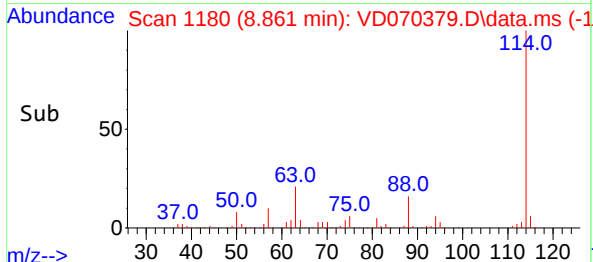
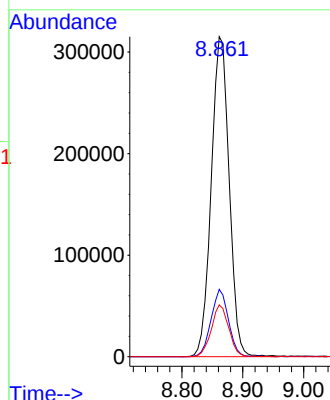
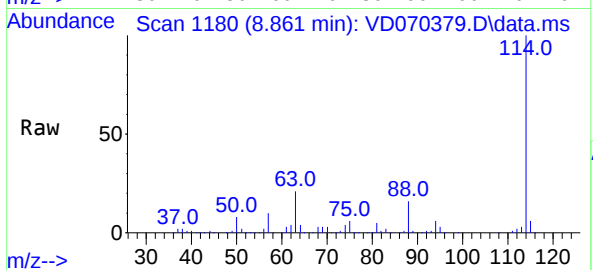


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
CL-01-091721

Tgt Ion:114 Resp: 643790

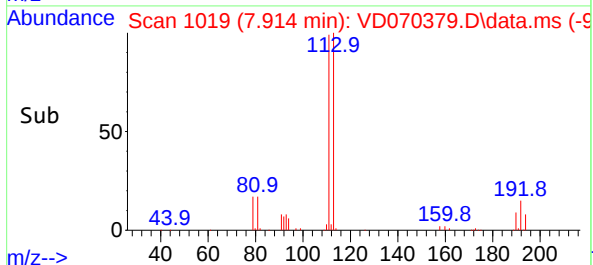
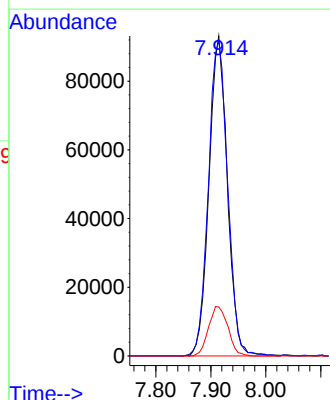
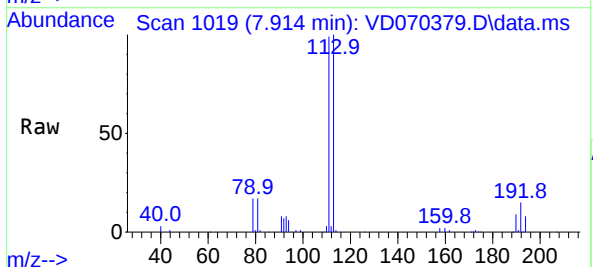
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	16.2	0.0	33.4

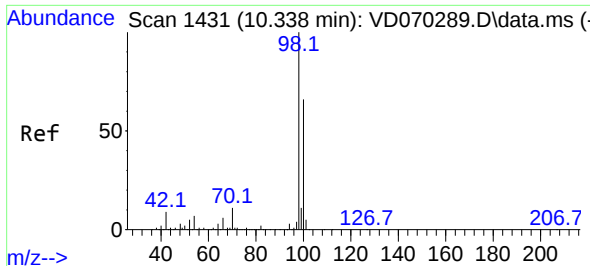


#35
Dibromofluoromethane
Concen: 47.275 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

Tgt Ion:113 Resp: 216640

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	16.2	13.0	19.6

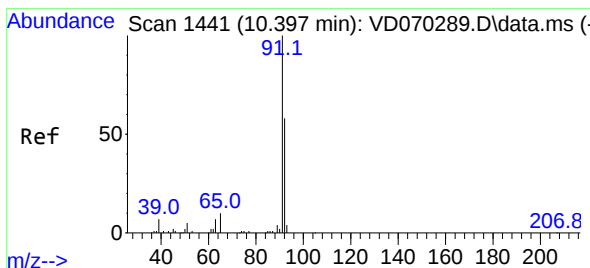
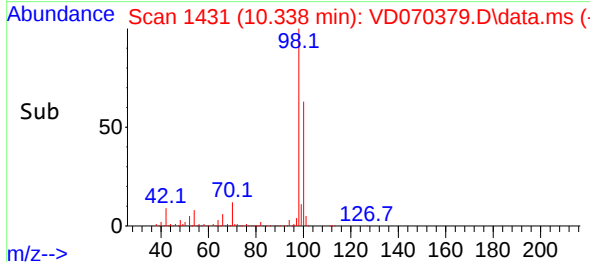
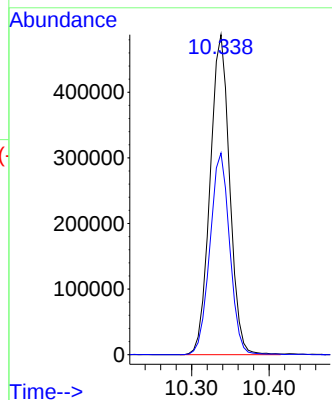
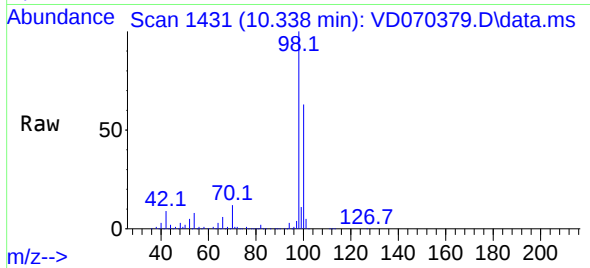




#50
Toluene-d8
Concen: 51.378 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

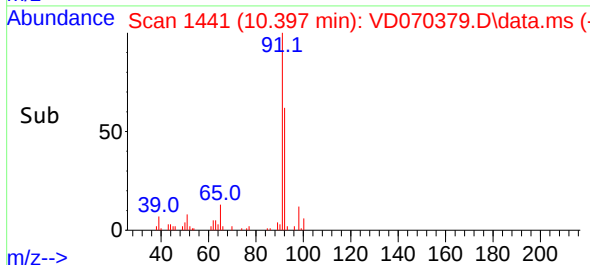
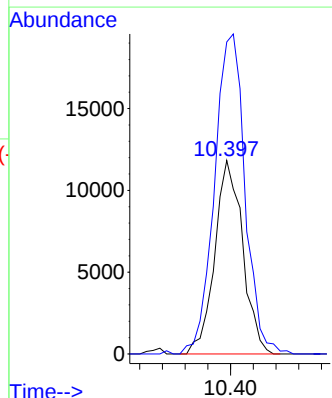
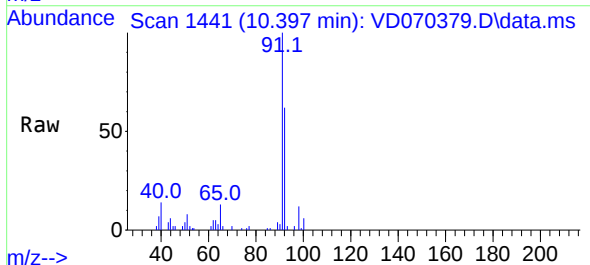
Instrument :
MSVOA_D
ClientSampleId :
CL-01-091721

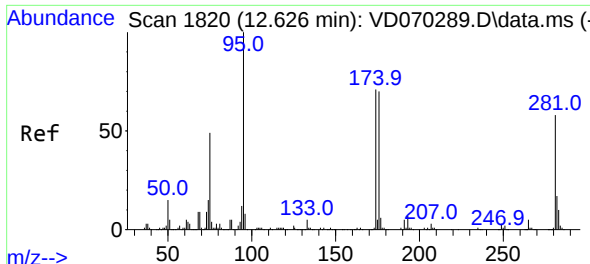
Tgt Ion: 98 Resp: 854833
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#52
Toluene
Concen: 1.656 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

Tgt Ion: 92 Resp: 20183
Ion Ratio Lower Upper
92 100
91 181.4 136.2 204.2

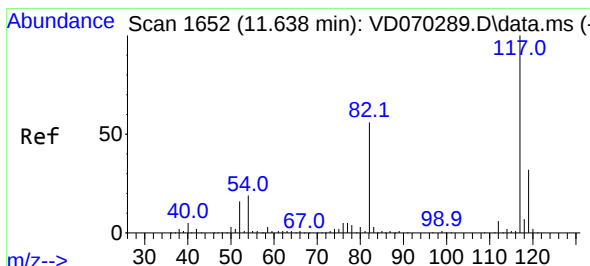
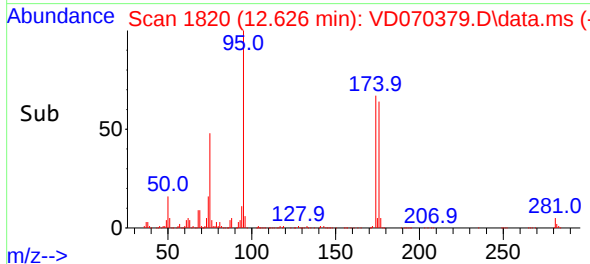
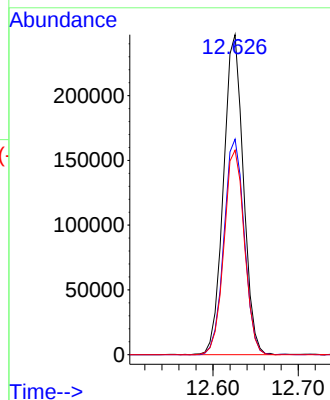
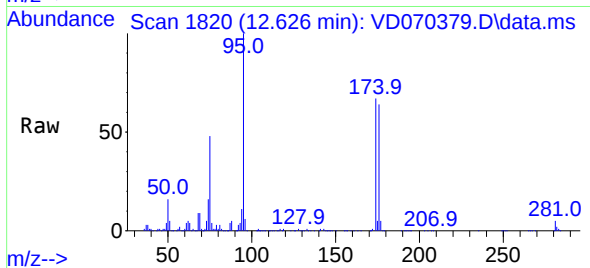




#62
4-Bromofluorobenzene
Concen: 68.861 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

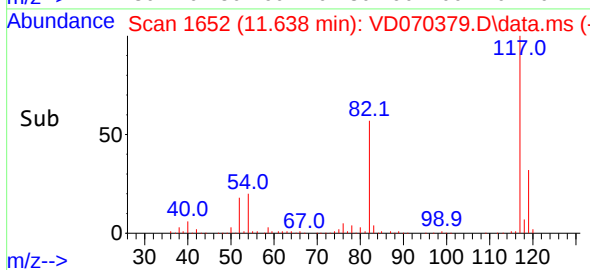
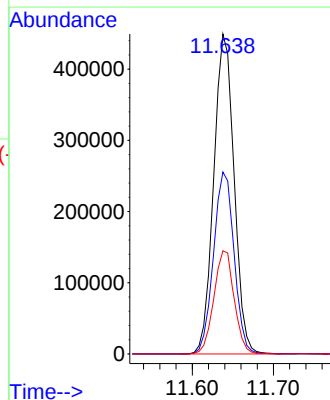
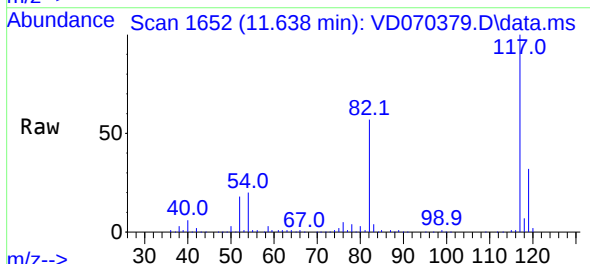
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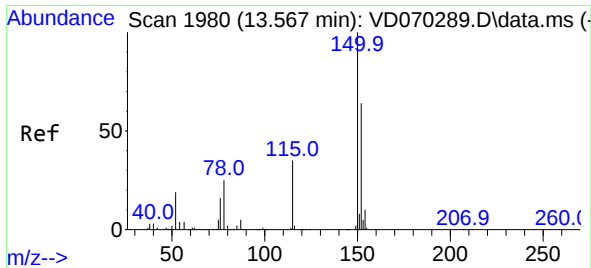
Tgt Ion: 95 Resp: 400414
Ion Ratio Lower Upper
95 100
174 68.7 0.0 140.6
176 65.5 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070379.D
Acq: 20 Sep 2021 12:54

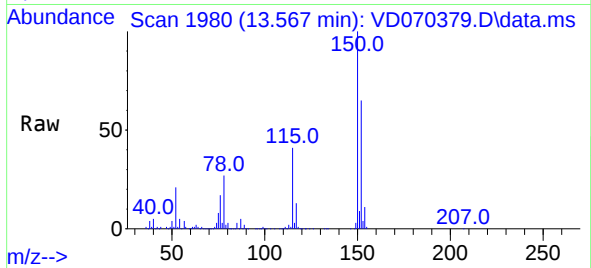
Tgt Ion: 117 Resp: 783340
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070379.D
 Acq: 20 Sep 2021 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091721



Tgt Ion:	152	Resp:	379113
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.1	96.3
150	158.0	0.0	350.6

