

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072325.D
 Acq On : 19 Mar 2022 08:52
 Operator : VA/SY
 Sample : N1972-08
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-5-5-9-10

Quant Time: Mar 21 01:29:13 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)

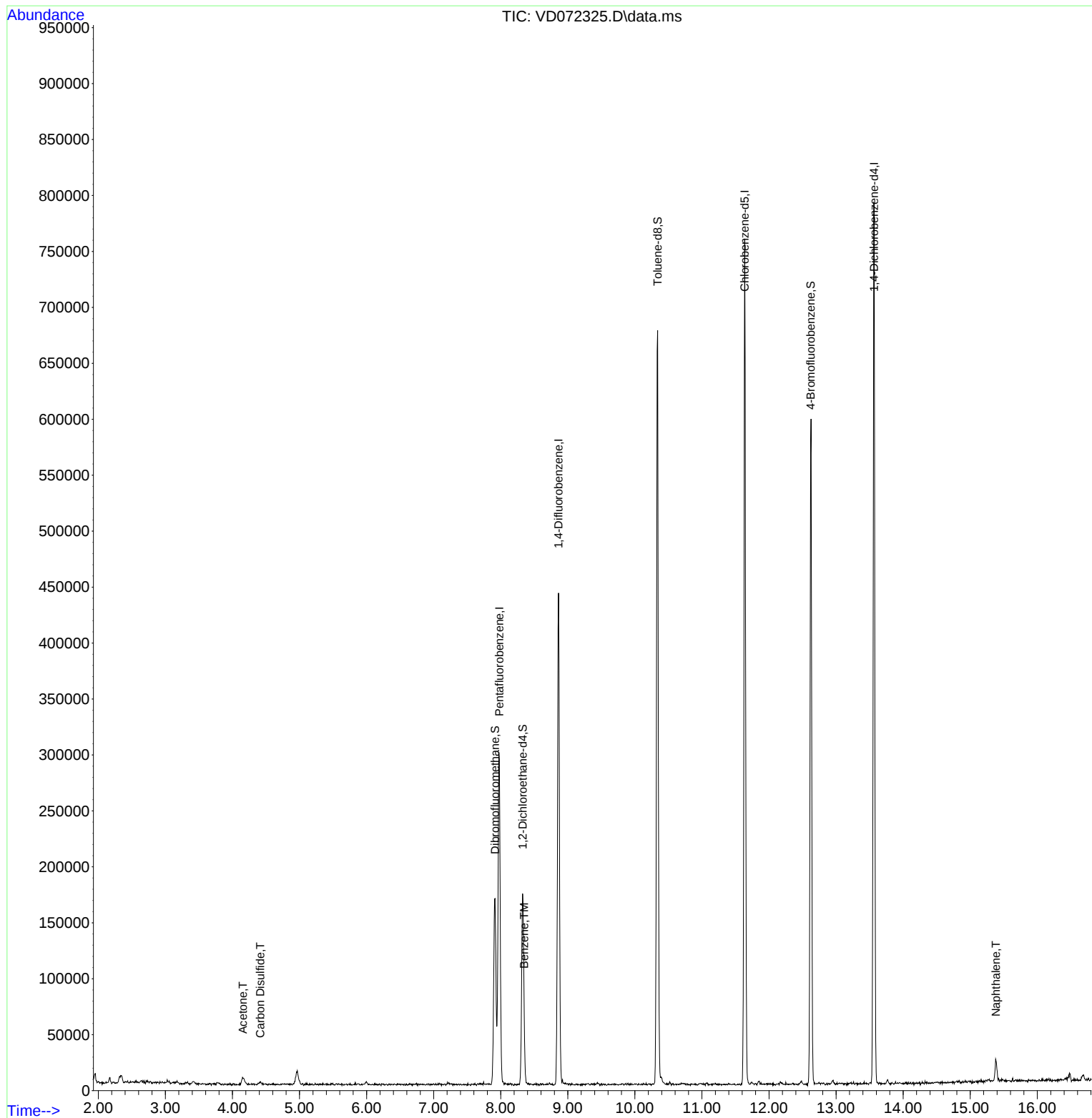
Internal Standards						
1) Pentafluorobenzene	7.979	168	215517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	361383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	407872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	206686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	136208	56.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.420%
35) Dibromofluoromethane	7.914	113	122214	48.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.338	98	449355	48.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.620	95	199194	55.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.260%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	11048	21.186	ug/l	98
17) Carbon Disulfide	4.415	76	4172	2.376	ug/l	96
40) Benzene	8.350	78	10349	1.017	ug/l	92
95) Naphthalene	15.385	128	17728	2.306	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072325.D
Acq On : 19 Mar 2022 08:52
Operator : VA/SY
Sample : N1972-08
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

Quant Time: Mar 21 01:29:13 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

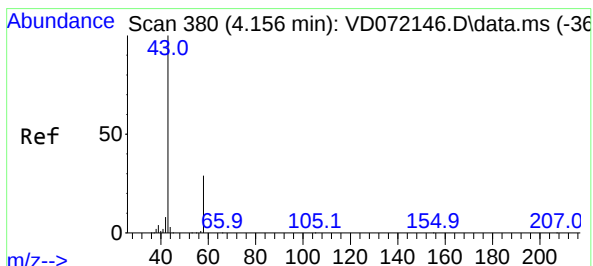
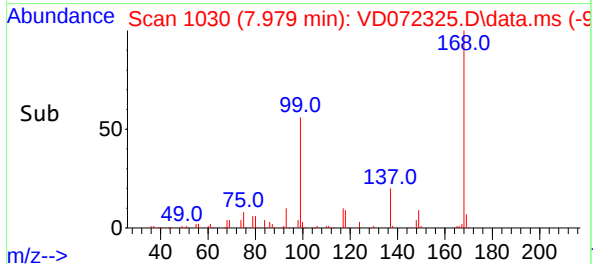
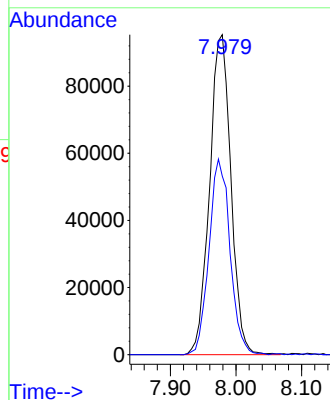
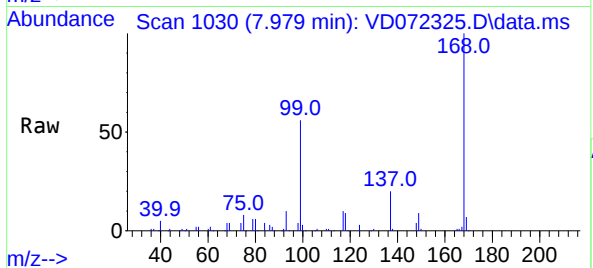




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

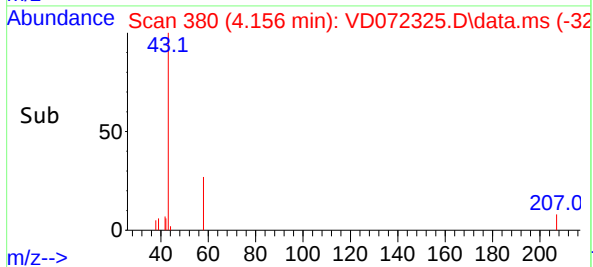
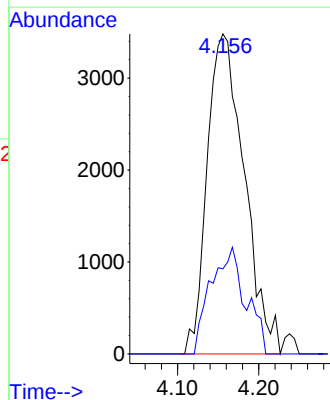
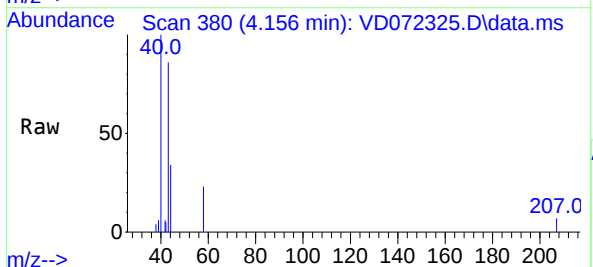
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

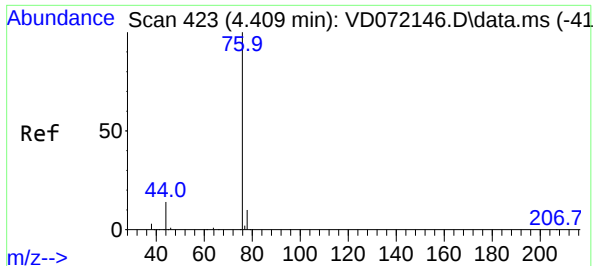
Tgt Ion:168 Resp: 215517
Ion Ratio Lower Upper
168 100
99 55.8 49.8 74.6



#16
Acetone
Concen: 21.186 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 43 Resp: 11048
Ion Ratio Lower Upper
43 100
58 26.6 22.1 33.1

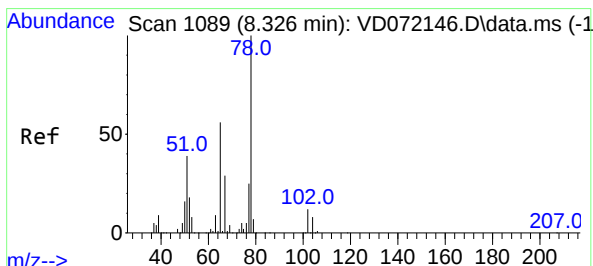
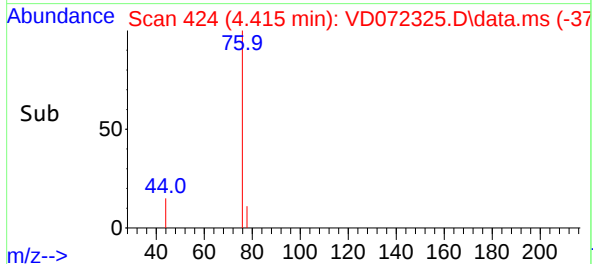
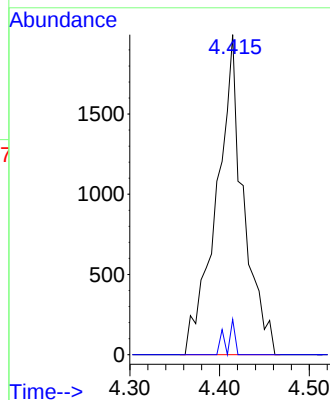
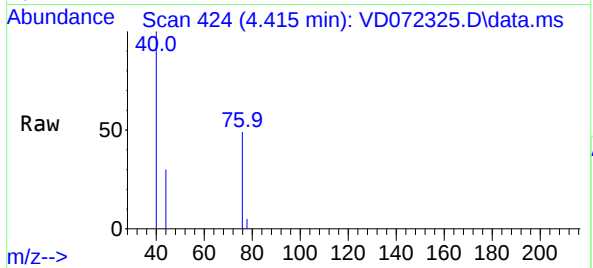




#17
Carbon Disulfide
Concen: 2.376 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

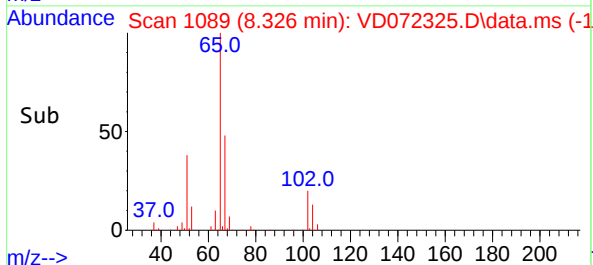
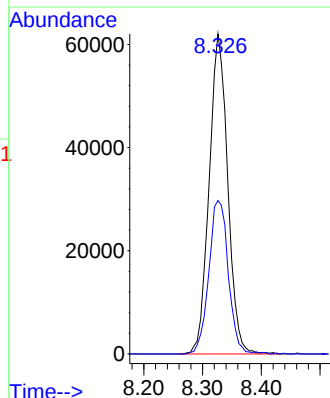
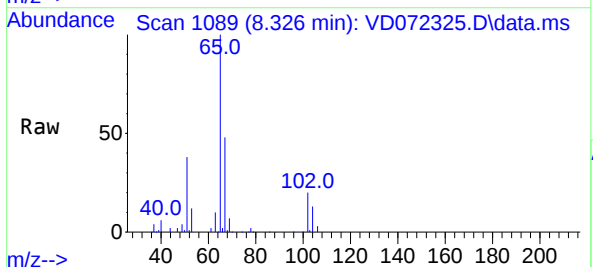
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

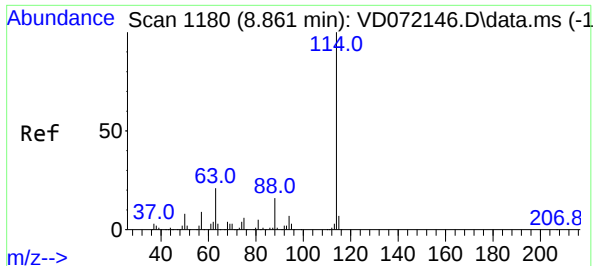
Tgt Ion: 76 Resp: 4172
Ion Ratio Lower Upper
76 100
78 11.0 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 56.710 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 65 Resp: 136208
Ion Ratio Lower Upper
65 100
67 50.5 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: VD072325.D

Acq: 19 Mar 2022 08:52

Instrument :

MSVOA_D

ClientSampleId :

G-5-5-9-10

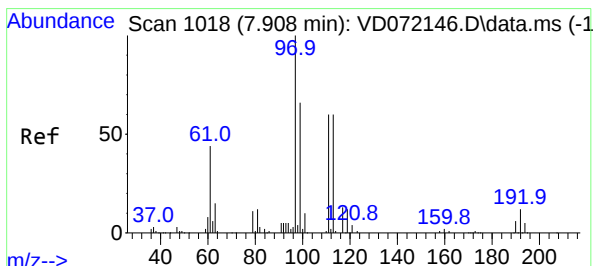
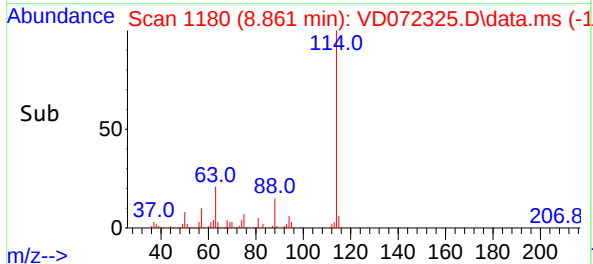
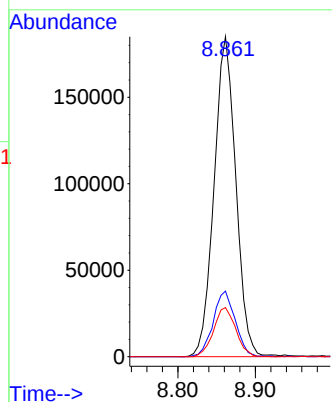
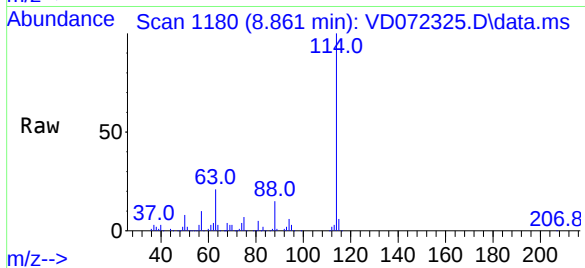
Tgt Ion:114 Resp: 361383

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.057 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072325.D

Acq: 19 Mar 2022 08:52

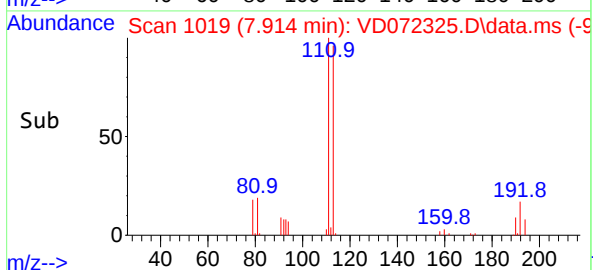
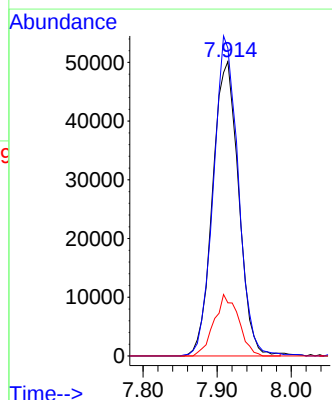
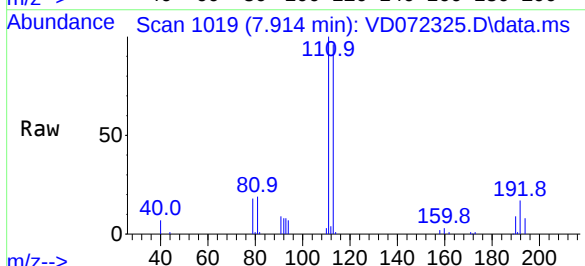
Tgt Ion:113 Resp: 122214

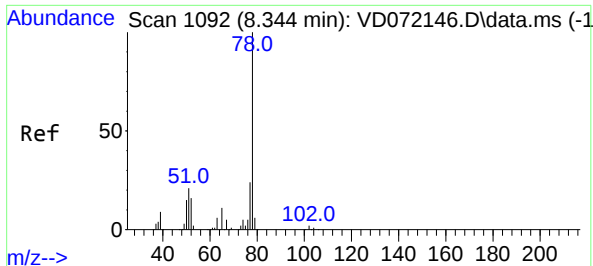
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 19.7 14.6 21.8

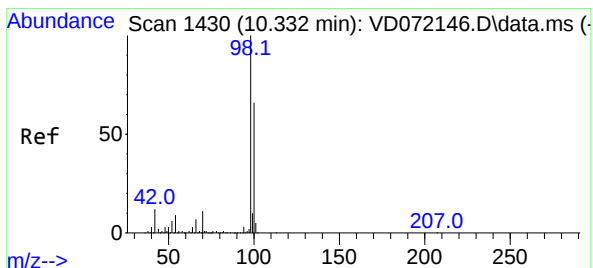
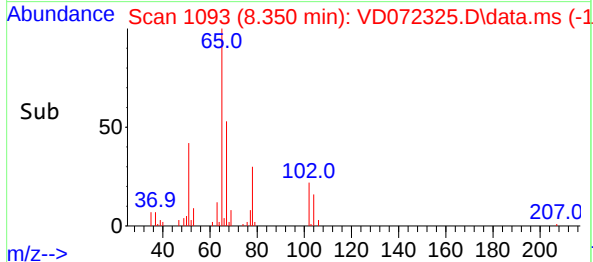
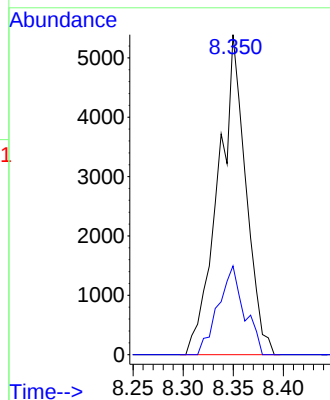
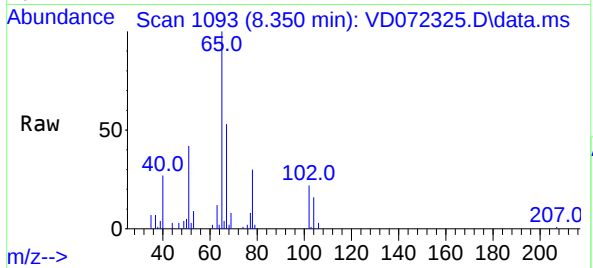




#40
Benzene
Concen: 1.017 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

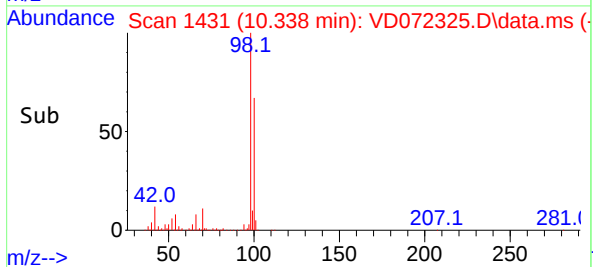
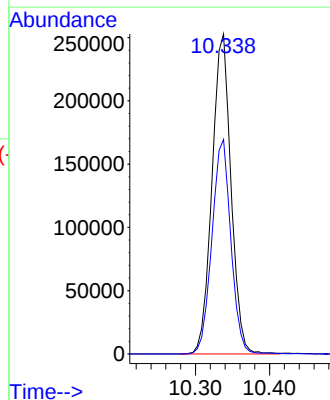
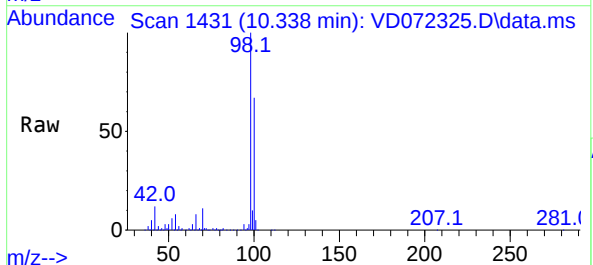
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

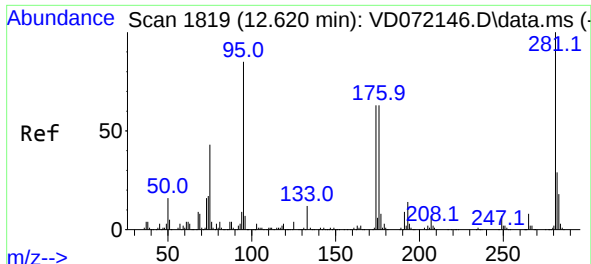
Tgt Ion: 78 Resp: 10349
Ion Ratio Lower Upper
78 100
77 27.8 19.1 28.7



#50
Toluene-d8
Concen: 48.324 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 98 Resp: 449355
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

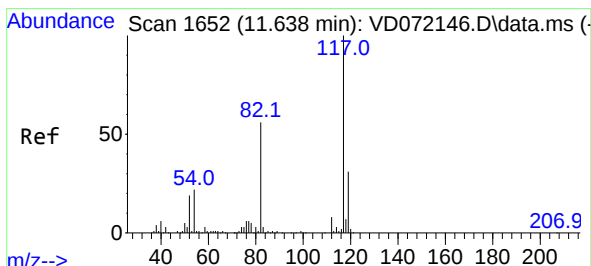
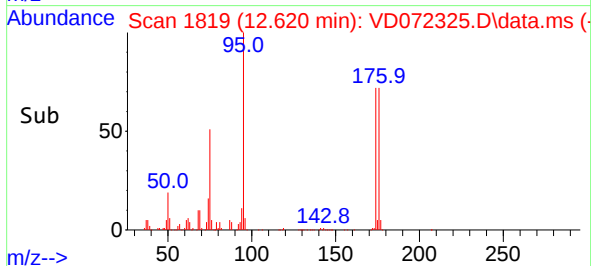
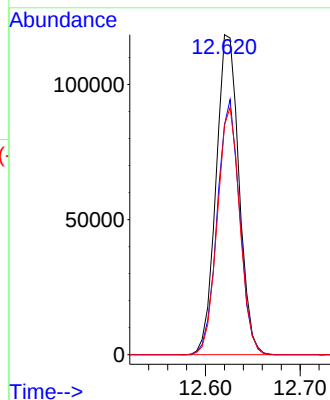
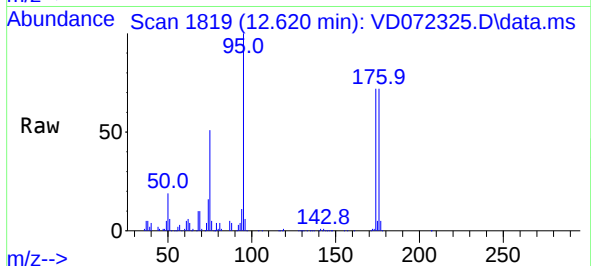




#62
4-Bromofluorobenzene
Concen: 55.131 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

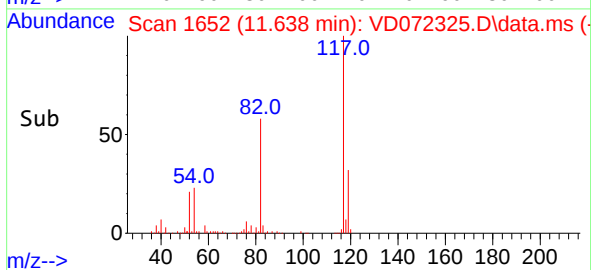
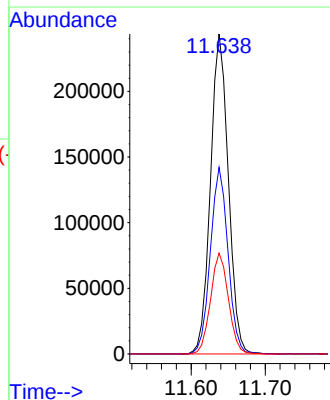
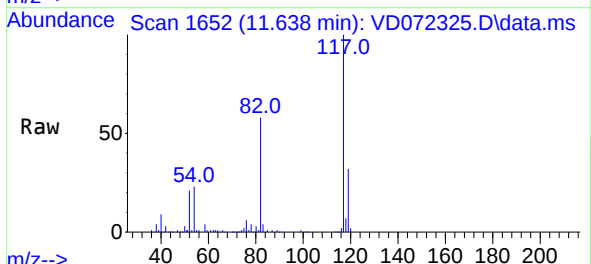
Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

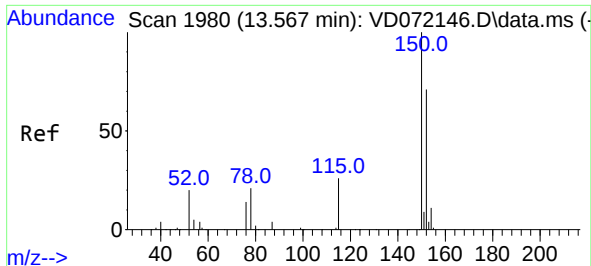
Tgt Ion: 95 Resp: 199194
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 75.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion: 117 Resp: 407872
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 31.5 26.6 40.0

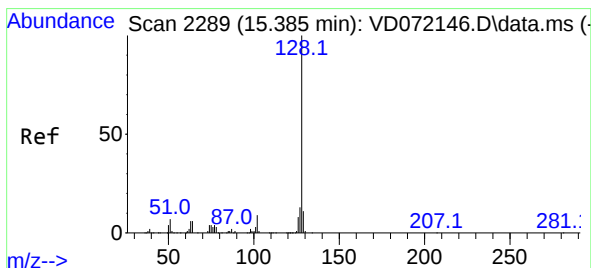
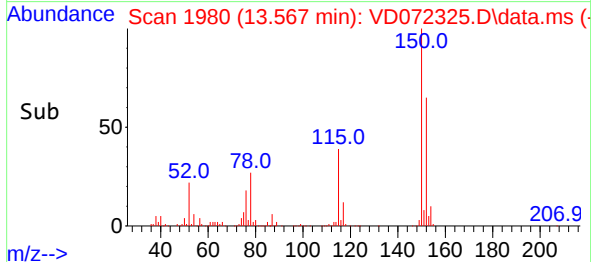
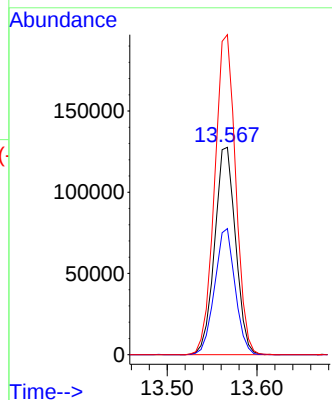
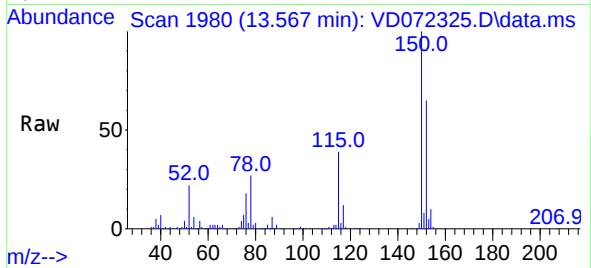




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Instrument :
MSVOA_D
ClientSampleId :
G-5-5-9-10

Tgt Ion:152 Resp: 206686
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 155.1 0.0 348.6



#95
Naphthalene
Concen: 2.306 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072325.D
Acq: 19 Mar 2022 08:52

Tgt Ion:128 Resp: 17728
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 9.7 8.4 12.6

