

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071345.D
 Acq On : 15 Dec 2021 16:24
 Operator : VA/SY
 Sample : M5083-04
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BB2

Quant Time: Dec 16 04:29:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

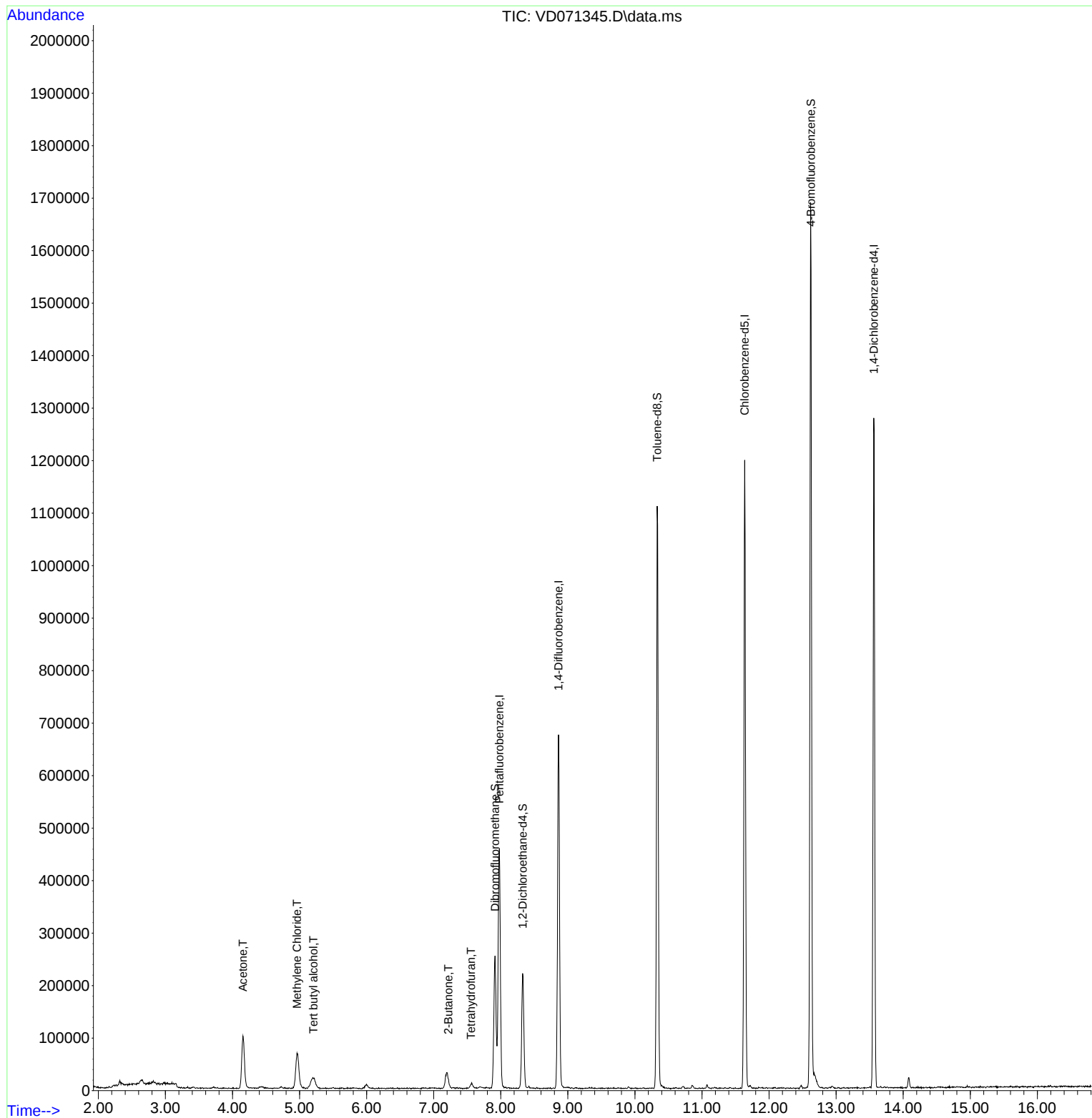
Internal Standards						
1) Pentafluorobenzene	7.979	168	318876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	543185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	618708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171218	45.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.520%
35) Dibromofluoromethane	7.914	113	175372	50.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.332	98	712136	54.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.200%
62) 4-Bromofluorobenzene	12.626	95	323724	70.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.209	59	34433	97.168	ug/l #	84
16) Acetone	4.156	43	178649	188.456	ug/l	90
20) Methylene Chloride	4.961	84	46628	8.918	ug/l #	77
25) 2-Butanone	7.220	43	16096	40.795	ug/l	92
29) Tetrahydrofuran	7.555	42	7358	12.384	ug/l	90

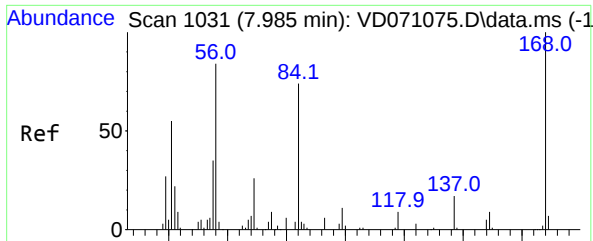
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

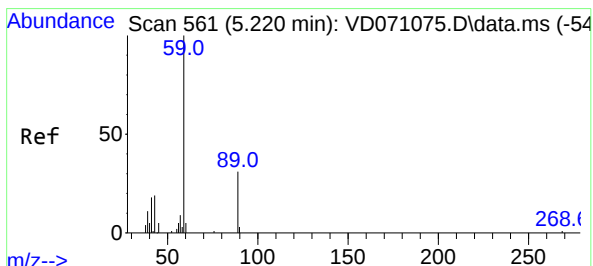
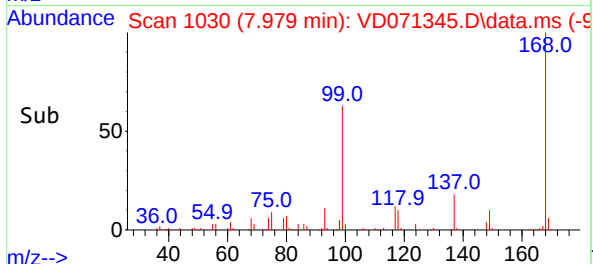
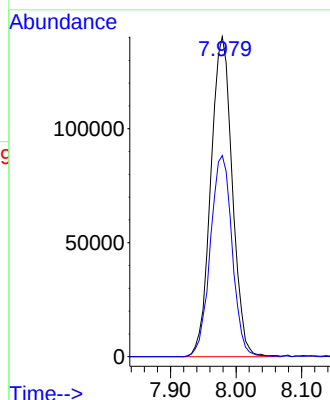
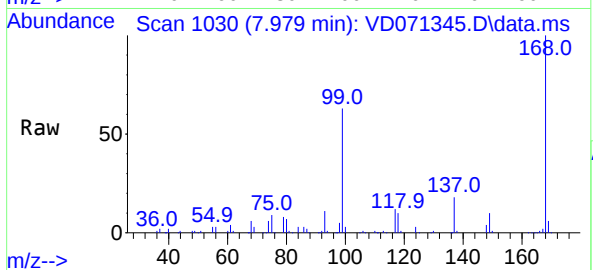




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

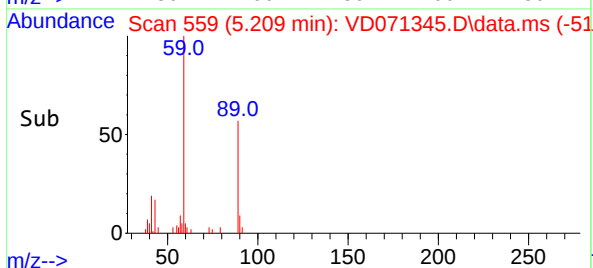
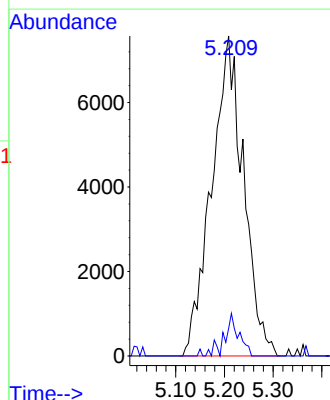
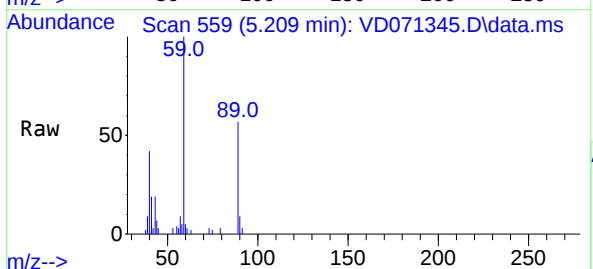
Instrument :
MSVOA_D
ClientSampleId :
BB2

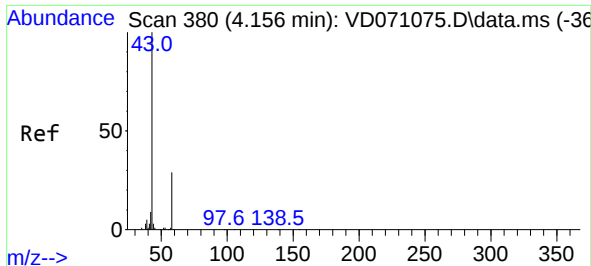
Tgt Ion:168 Resp: 318876
Ion Ratio Lower Upper
168 100
99 62.9 46.6 69.8



#11
Tert butyl alcohol
Concen: 97.168 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Tgt Ion: 59 Resp: 34433
Ion Ratio Lower Upper
59 100
57 5.1 9.0 13.4#

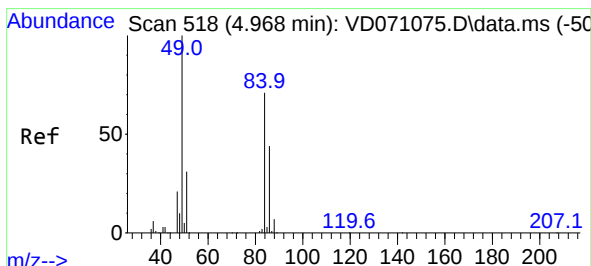
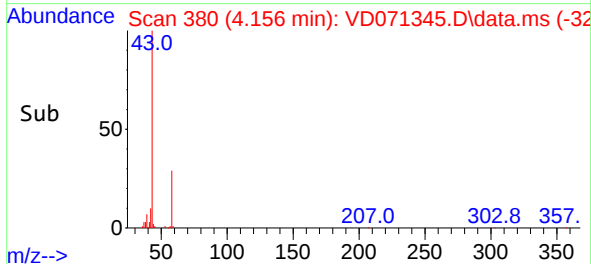
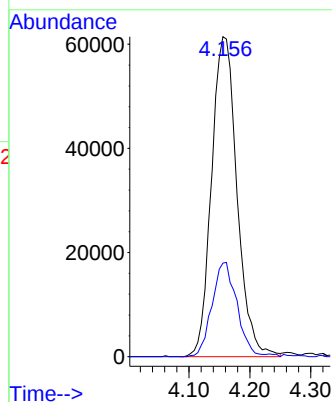
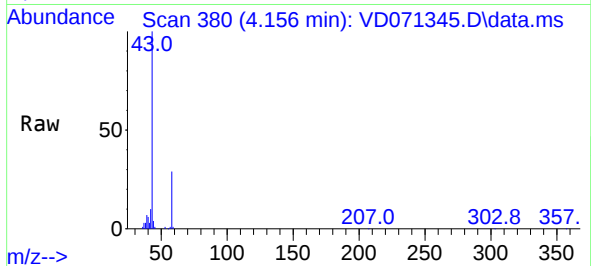




#16
Acetone
Concen: 188.456 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

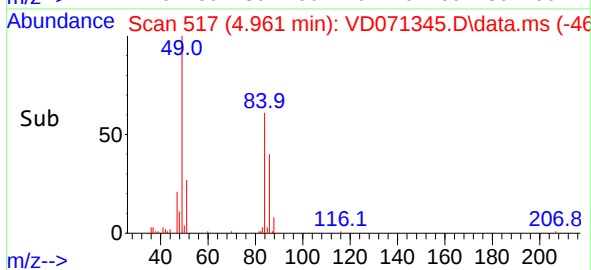
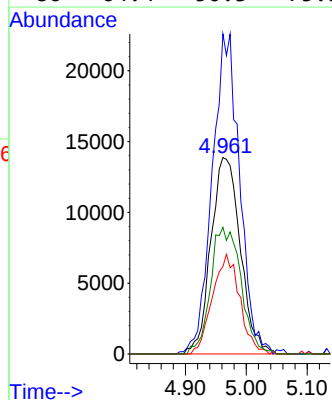
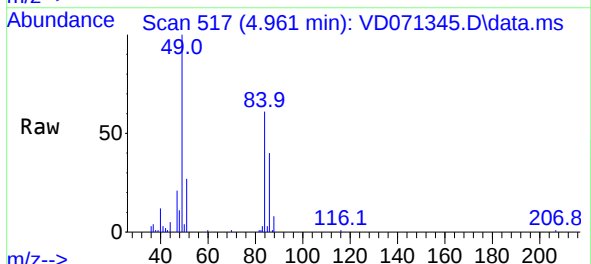
Instrument :
MSVOA_D
ClientSampleId :
BB2

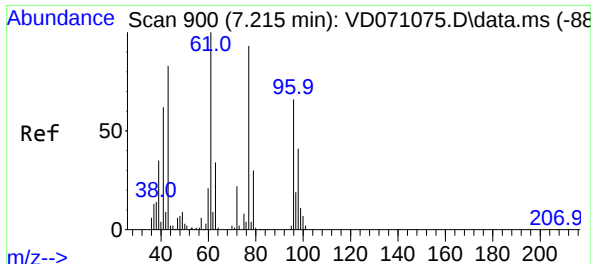
Tgt Ion: 43 Resp: 178649
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#20
Methylene Chloride
Concen: 8.918 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Tgt Ion: 84 Resp: 46628
Ion Ratio Lower Upper
84 100
49 161.7 95.8 143.6#
51 44.5 30.9 46.3
86 64.4 50.3 75.5

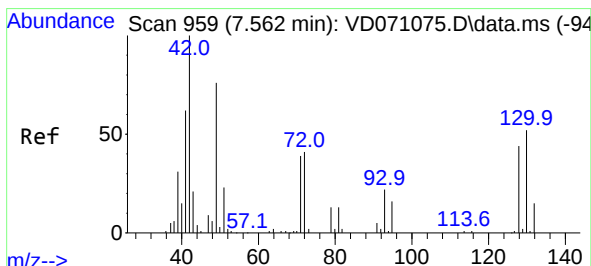
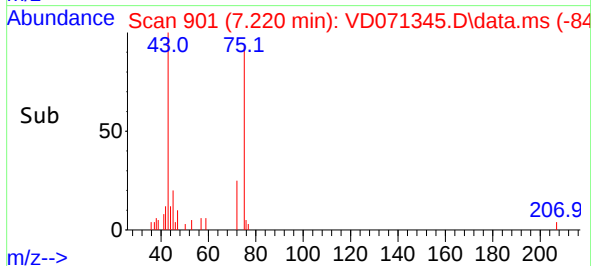
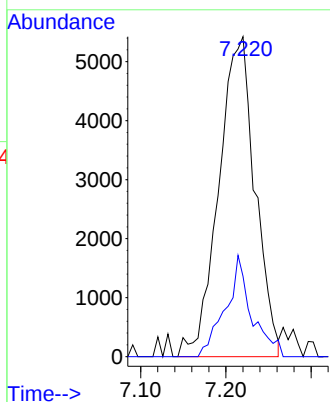
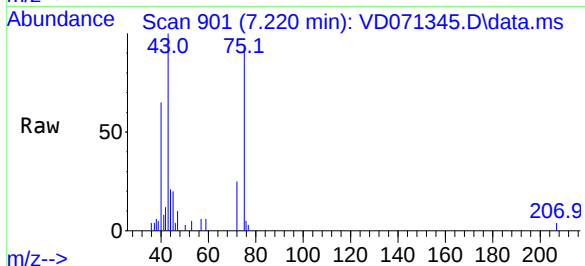




#25
2-Butanone
Concen: 40.795 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.005 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

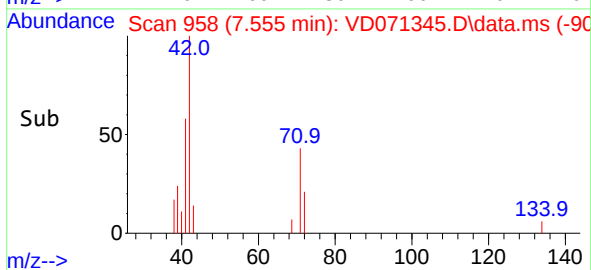
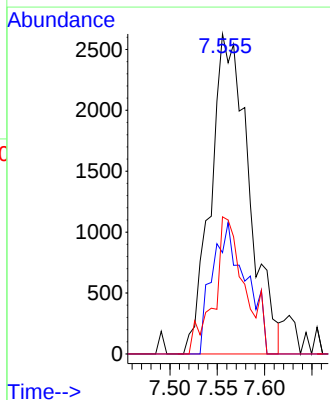
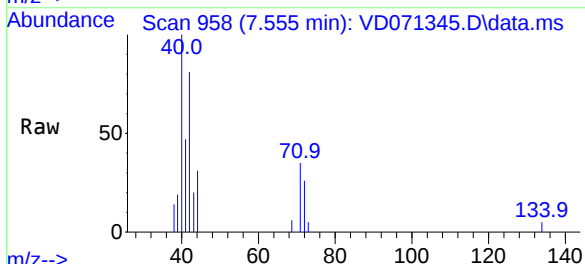
Instrument :
MSVOA_D
ClientSampleId :
BB2

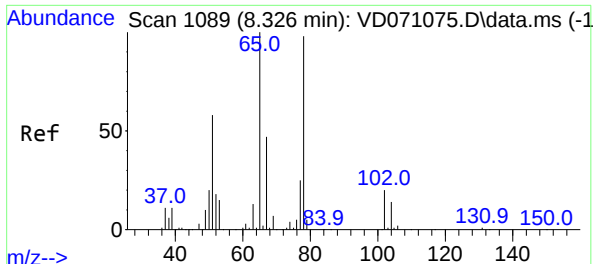
Tgt Ion: 43 Resp: 16096
Ion Ratio Lower Upper
43 100
72 25.2 23.8 35.6



#29
Tetrahydrofuran
Concen: 12.384 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.007 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Tgt Ion: 42 Resp: 7358
Ion Ratio Lower Upper
42 100
72 36.2 33.7 50.5
71 34.0 32.7 49.1

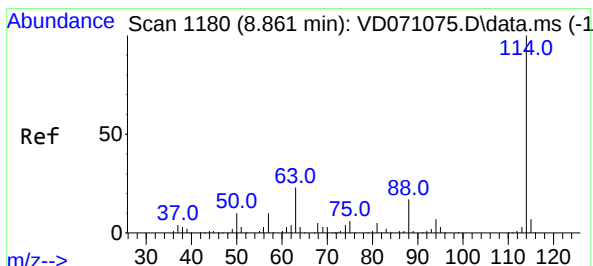
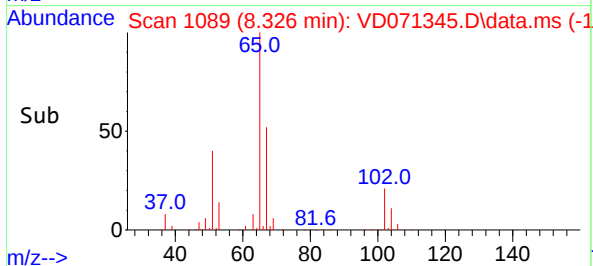
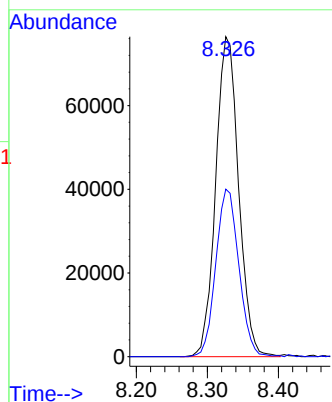
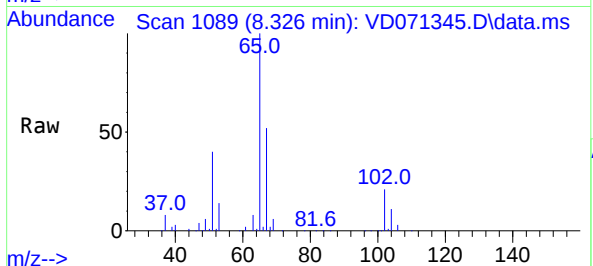




#33
1,2-Dichloroethane-d4
Concen: 45.760 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

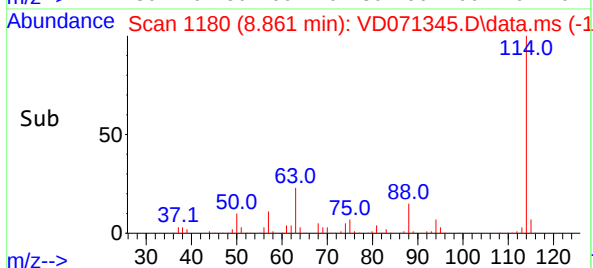
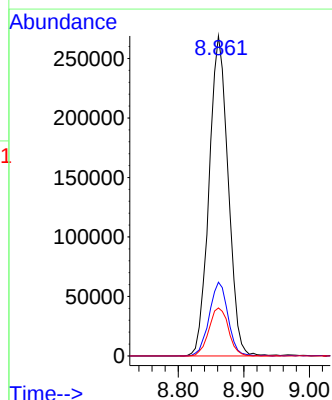
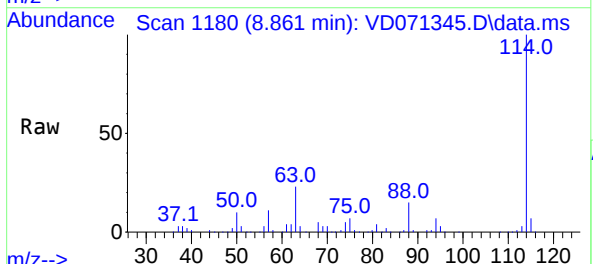
Instrument :
MSVOA_D
ClientSampleId :
BB2

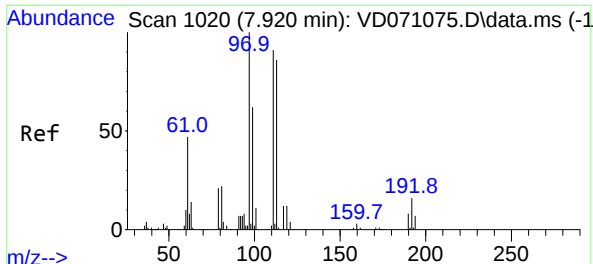
Tgt Ion: 65 Resp: 171218
Ion Ratio Lower Upper
65 100
67 52.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Tgt Ion: 114 Resp: 543185
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 15.0 0.0 32.8

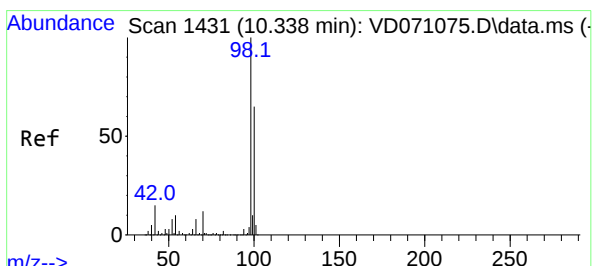
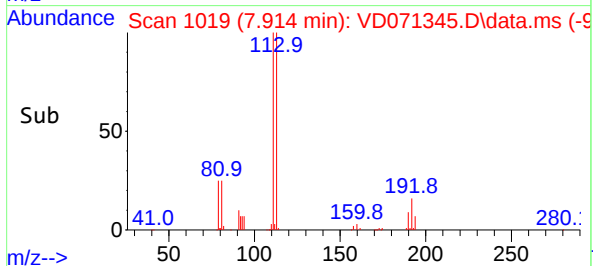
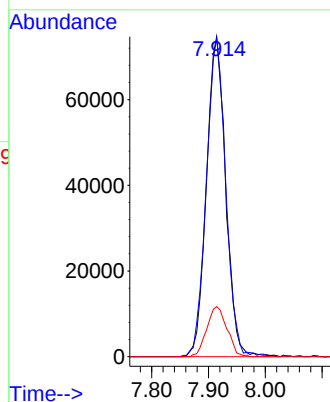
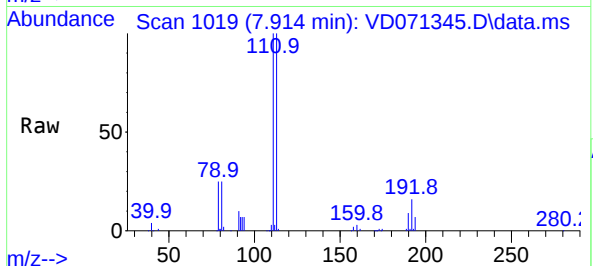




#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

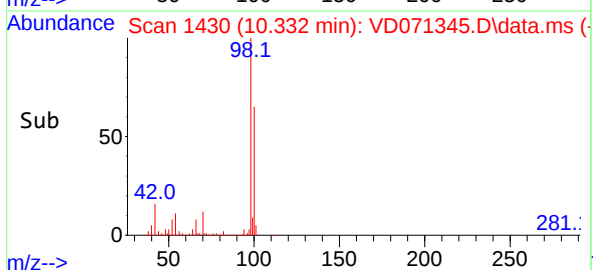
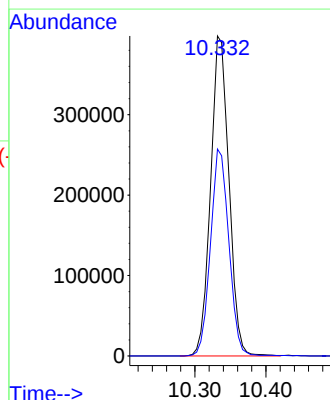
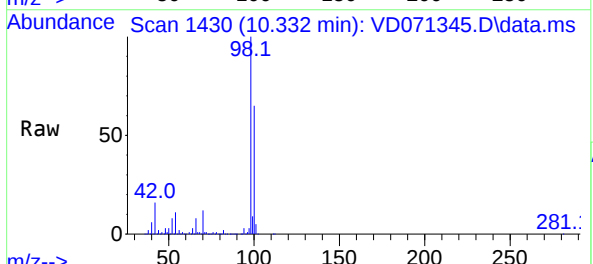
Instrument :
MSVOA_D
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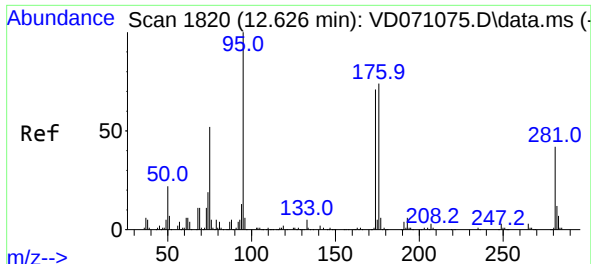
Tgt Ion:113 Resp: 175372
Ion Ratio Lower Upper
113 100
111 100.7 82.0 123.0
192 16.5 15.2 22.8



#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Tgt Ion: 98 Resp: 712136
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

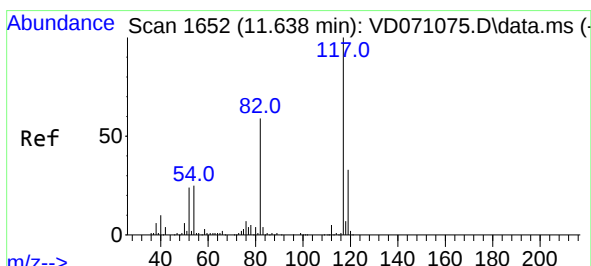
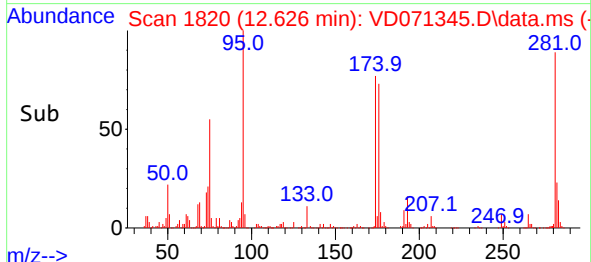
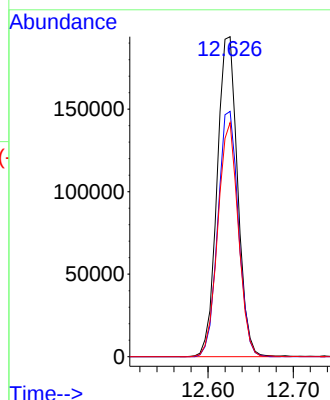
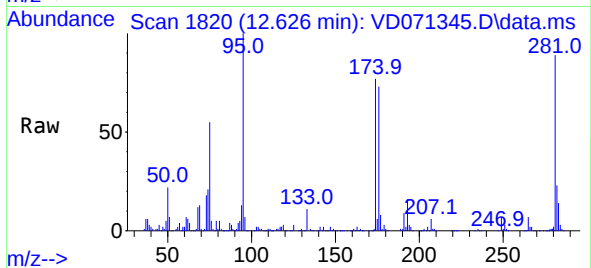




#62
4-Bromofluorobenzene
Concen: 70.949 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

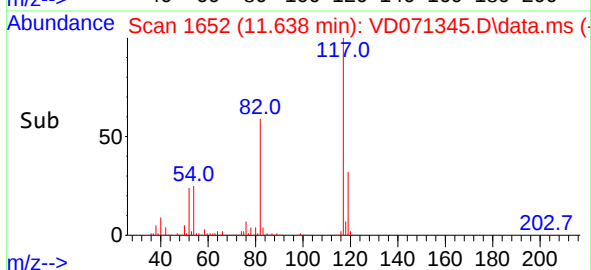
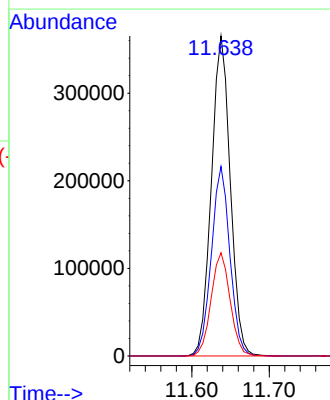
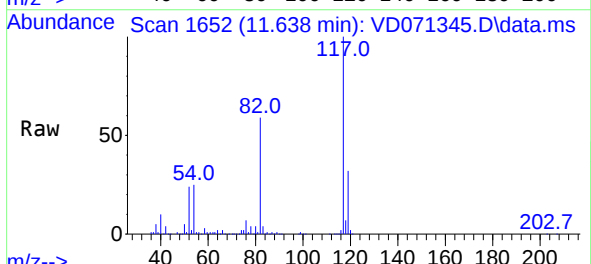
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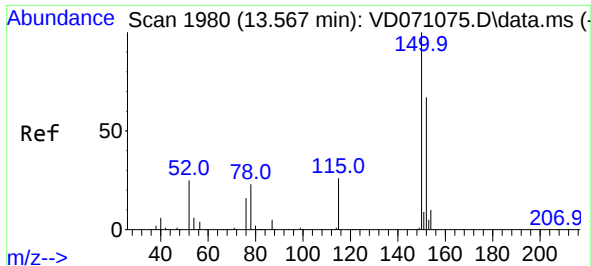
Tgt Ion: 95 Resp: 323724
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 72.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Tgt Ion: 117 Resp: 618708
Ion Ratio Lower Upper
117 100
82 59.2 44.7 67.1
119 32.2 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071345.D
Acq: 15 Dec 2021 16:24

Instrument :
MSVOA_D
ClientSampleId :
BB2

Tgt Ion:152 Resp: 303701
Ion Ratio Lower Upper
152 100
115 63.0 29.8 89.3
150 158.0 0.0 349.2

