

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070202.D
 Acq On : 20 Aug 2021 14:52
 Operator : VA/SY
 Sample : M3418-22RE
 Misc : 2.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-17-0306RE

Quant Time: Aug 23 03:53:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

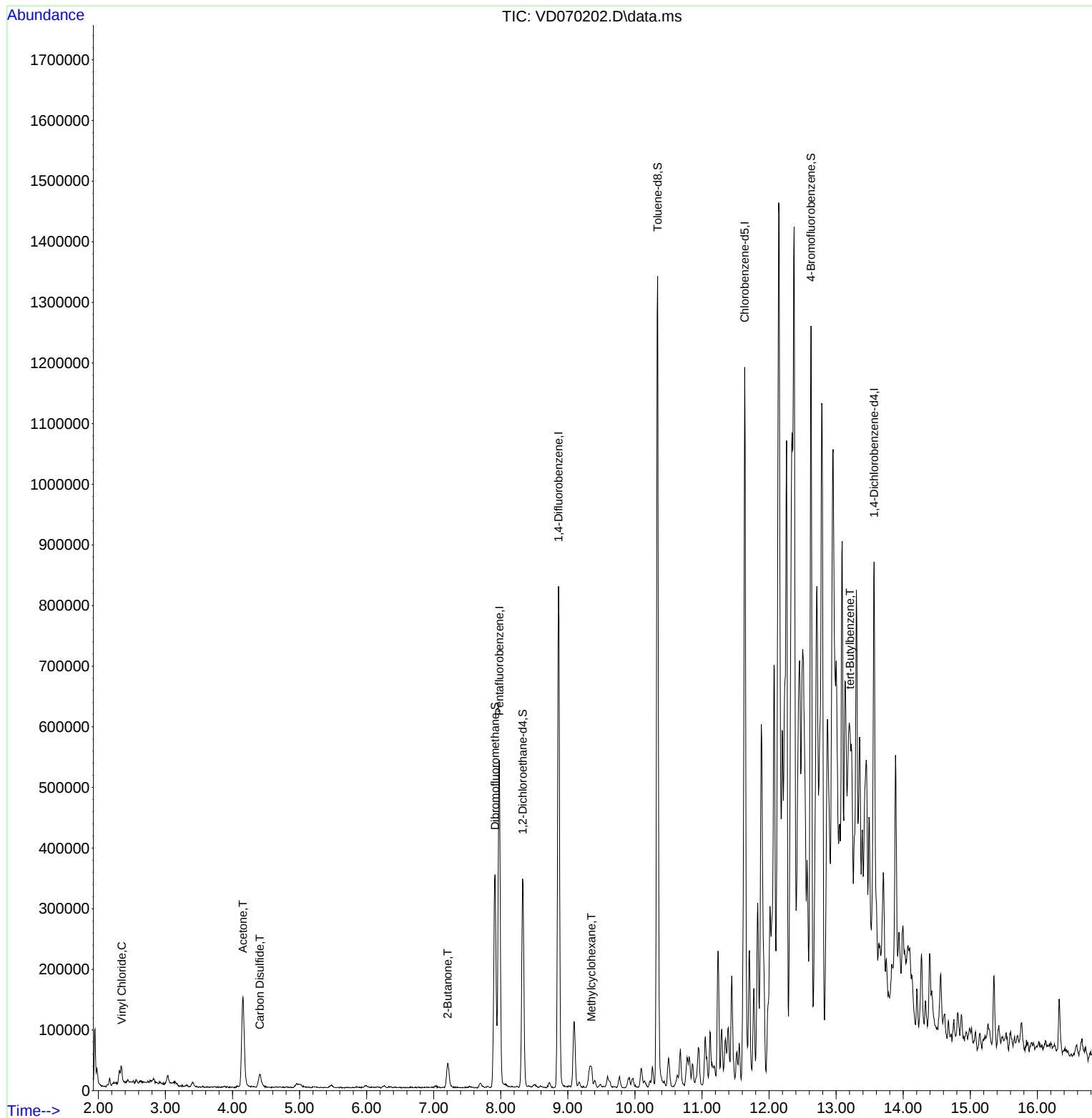
Internal Standards						
1) Pentafluorobenzene	7.979	168	384217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	702664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	647546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	188260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266332	58.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.880%
35) Dibromofluoromethane	7.914	113	261419	57.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.180%
50) Toluene-d8	10.338	98	907429	51.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.626	95	292436	50.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.560%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.350	62	7537	1.159	ug/l #	88
16) Acetone	4.156	43	259269	311.444	ug/l	98
17) Carbon Disulfide	4.409	76	43729	2.650	ug/l #	94
25) 2-Butanone	7.208	43	54759	48.139	ug/l	90
39) Methylcyclohexane	9.349	83	12144	1.380	ug/l #	83
83) tert-Butylbenzene	13.208	119	16773	1.766	ug/l	90

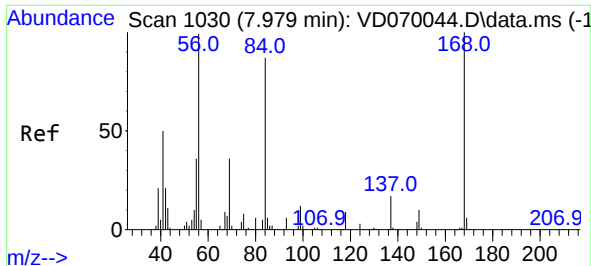
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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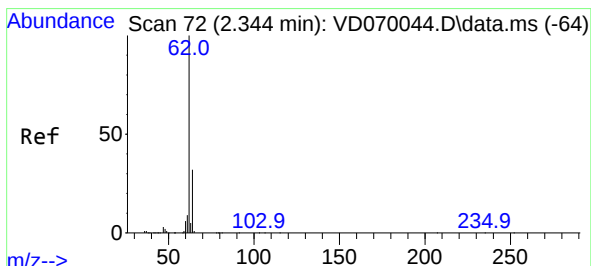
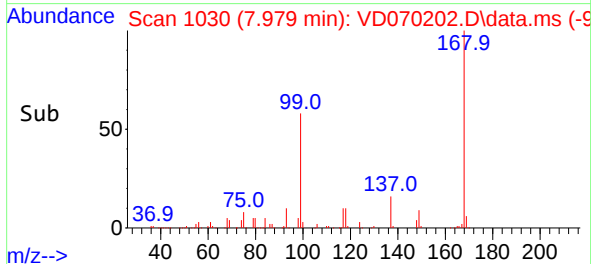
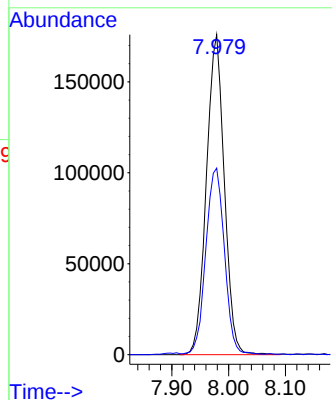
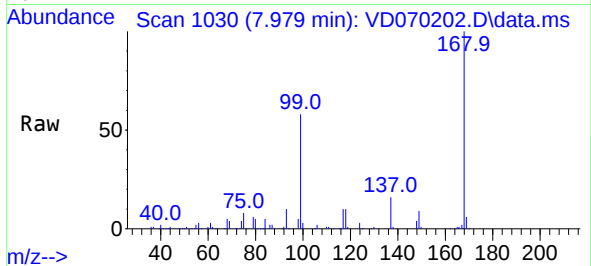




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

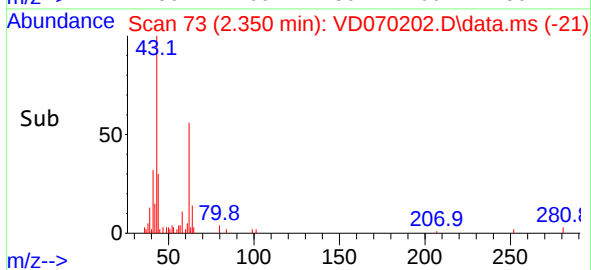
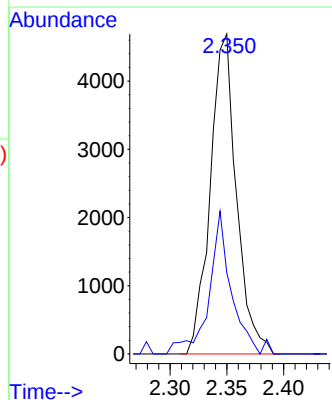
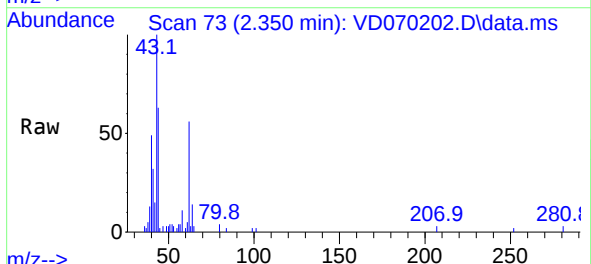
Instrument :
MSVOA_D
ClientSampleId :
SWCS-17-0306RE

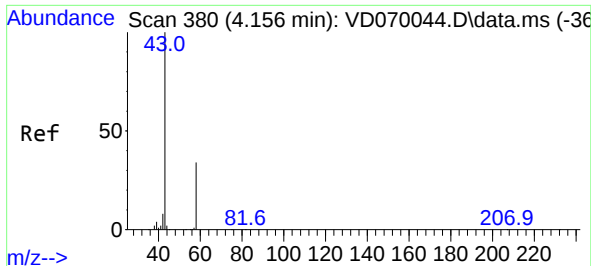
Tgt Ion:168 Resp: 384217
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#4
Vinyl Chloride
Concen: 1.159 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Tgt Ion: 62 Resp: 7537
Ion Ratio Lower Upper
62 100
64 25.5 25.7 38.5#

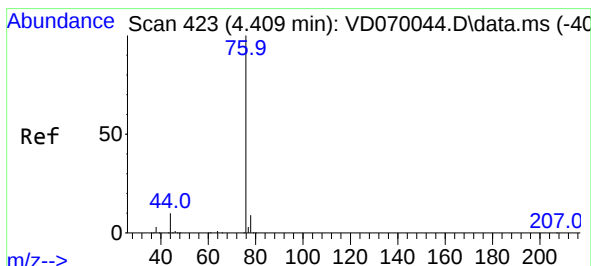
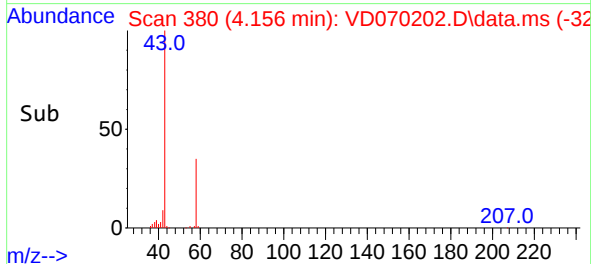
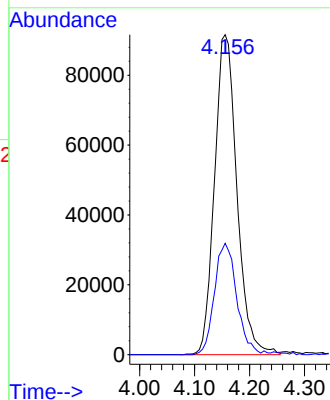
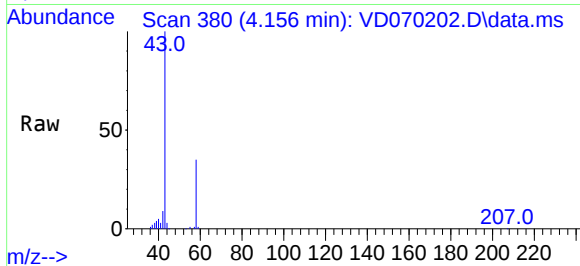




#16
Acetone
Concen: 311.444 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

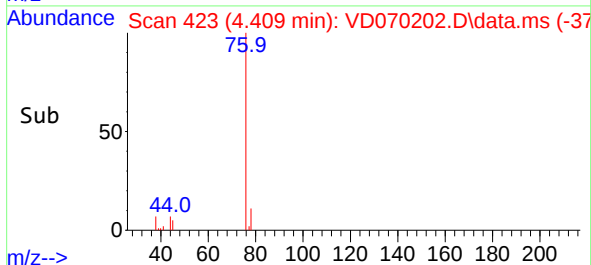
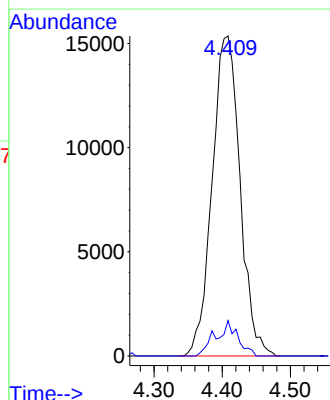
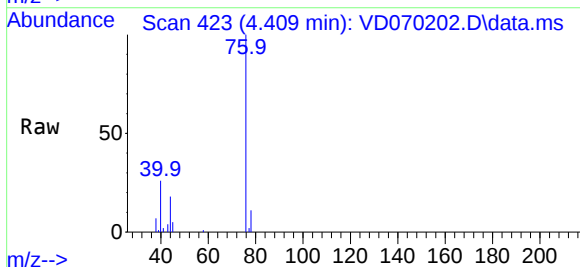
Instrument :
MSVOA_D
ClientSampleId :
SWCS-17-0306RE

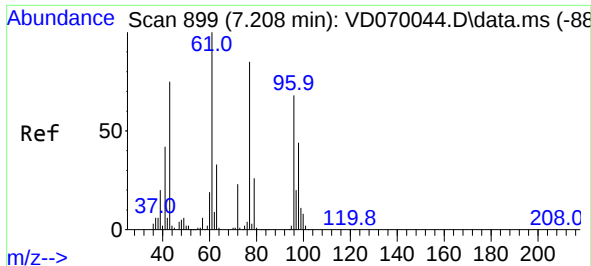
Tgt Ion: 43 Resp: 259269
Ion Ratio Lower Upper
43 100
58 34.8 26.8 40.2



#17
Carbon Disulfide
Concen: 2.650 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

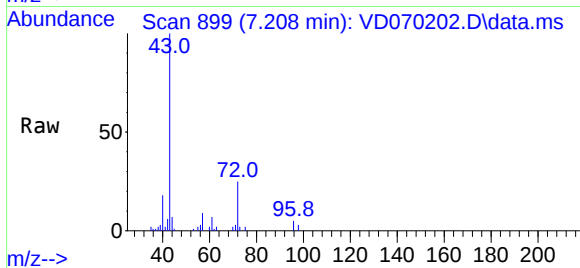
Tgt Ion: 76 Resp: 43729
Ion Ratio Lower Upper
76 100
78 11.1 7.1 10.7#



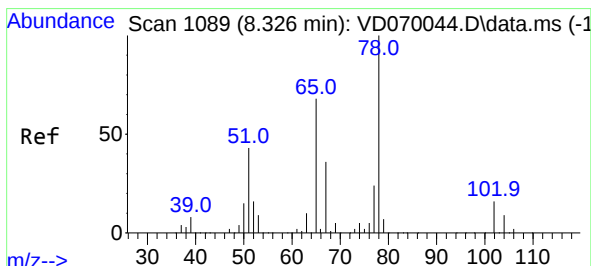
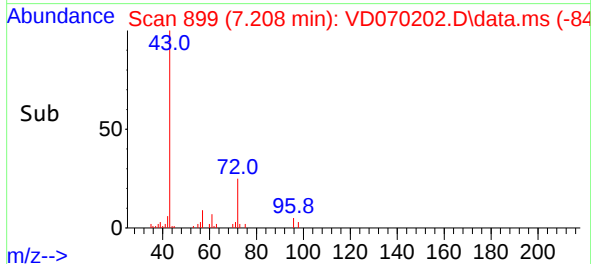
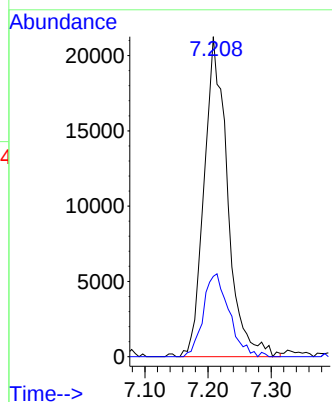


#25
2-Butanone
Concen: 48.139 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :
SWCS-17-0306RE

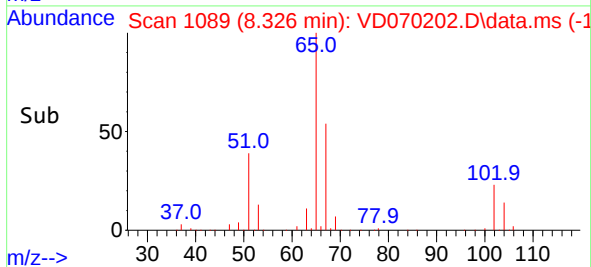
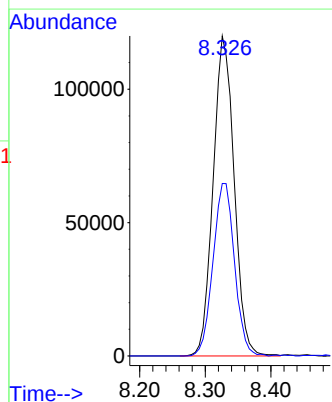
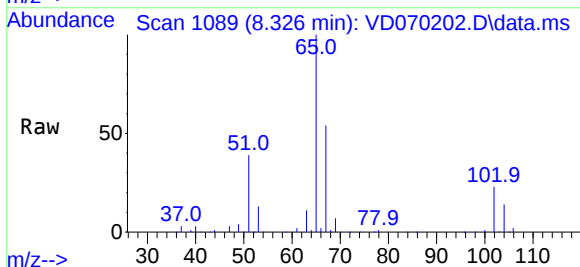


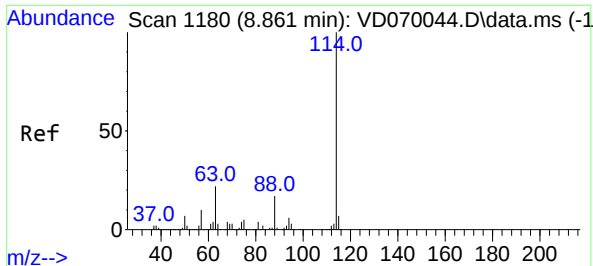
Tgt Ion: 43 Resp: 54759
Ion Ratio Lower Upper
43 100
72 25.1 24.2 36.4



#33
1,2-Dichloroethane-d4
Concen: 58.936 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Tgt Ion: 65 Resp: 266332
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.8



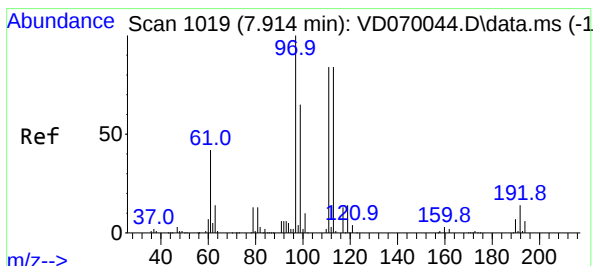
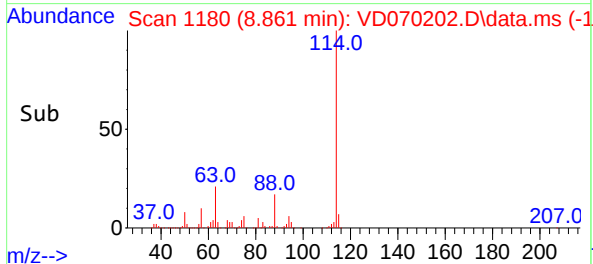
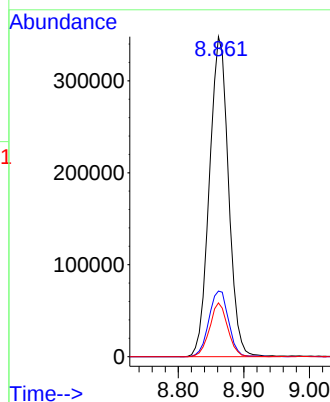
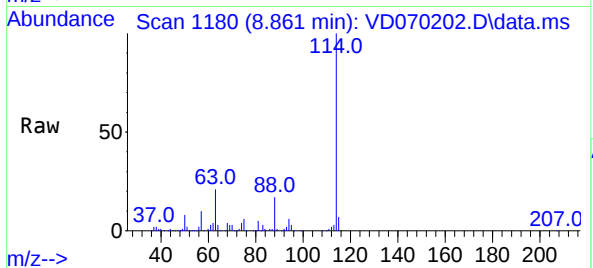


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Instrument :
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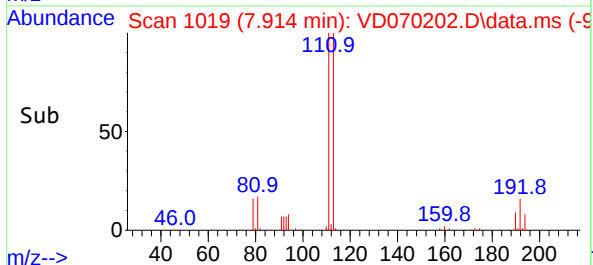
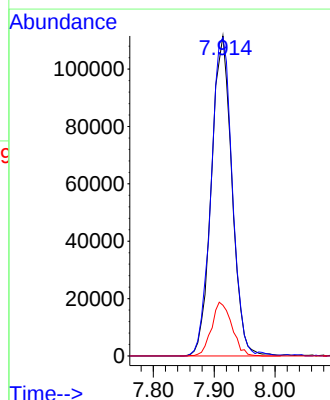
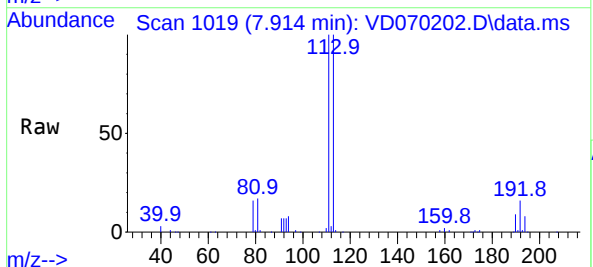
Tgt Ion:	114	Resp:	702664
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.6
88	16.8	0.0	33.4

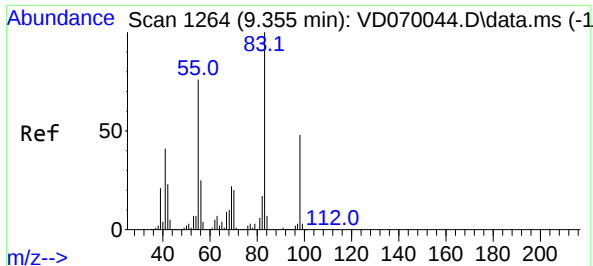


#35

Dibromofluoromethane
Concen: 57.586 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Tgt Ion:	113	Resp:	261419
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	16.6	13.2	19.8





#39

Methylcyclohexane

Concen: 1.380 ug/l

RT: 9.349 min Scan# 1263

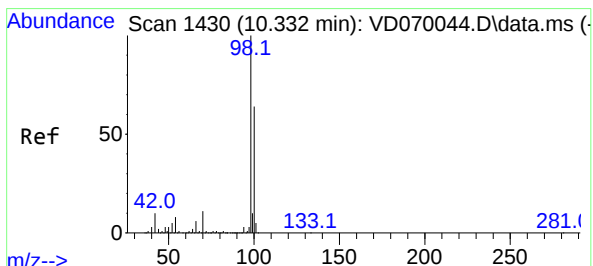
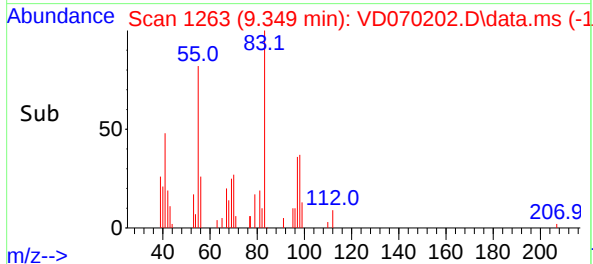
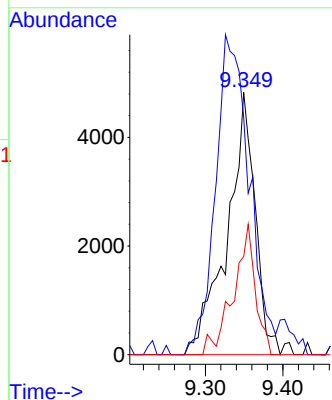
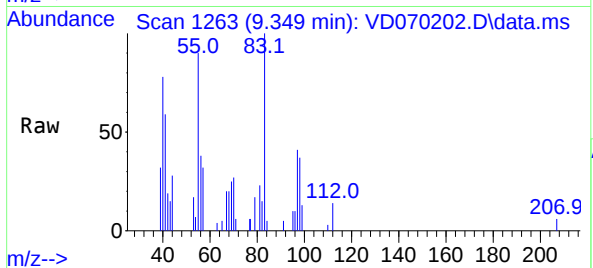
Delta R.T. -0.006 min

Lab File: VD070202.D

Acq: 20 Aug 2021 14:52

Tgt Ion:	83	Resp:	12144
Ion	Ratio	Lower	Upper
83	100		
55	90.5	60.7	91.1
98	37.4	38.6	58.0#

Instrument :
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#50

Toluene-d8

Concen: 51.393 ug/l

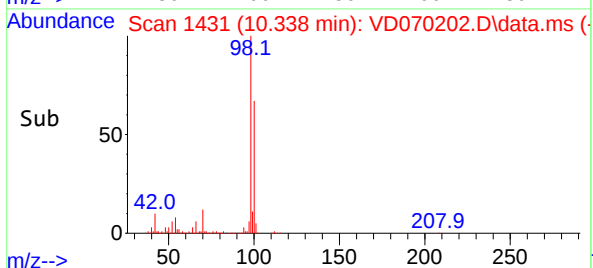
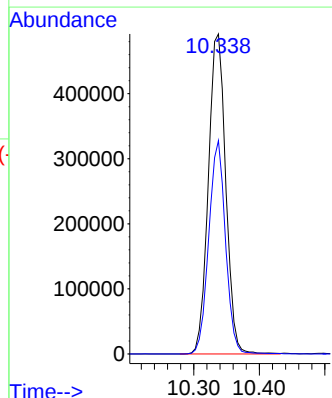
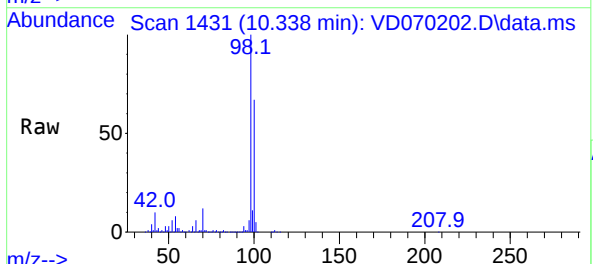
RT: 10.338 min Scan# 1431

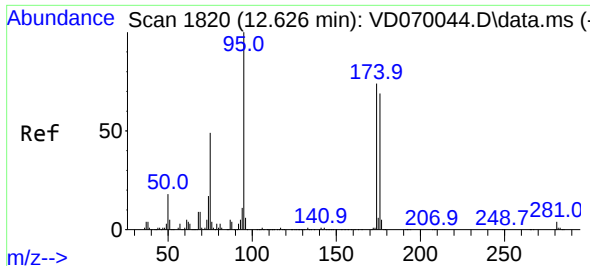
Delta R.T. 0.006 min

Lab File: VD070202.D

Acq: 20 Aug 2021 14:52

Tgt Ion:	98	Resp:	907429
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.6	78.8

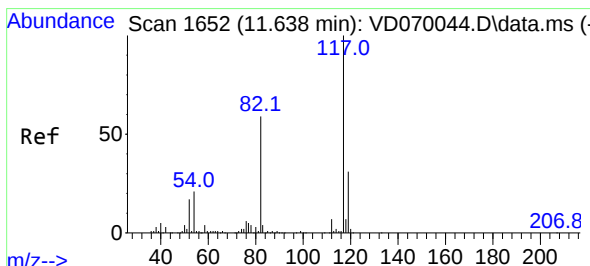
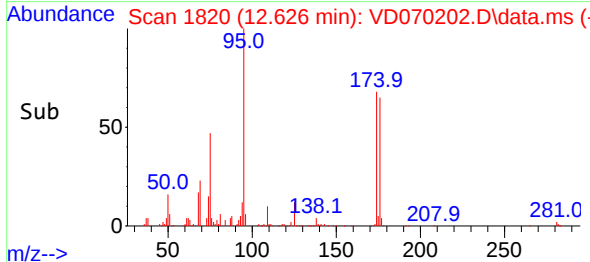
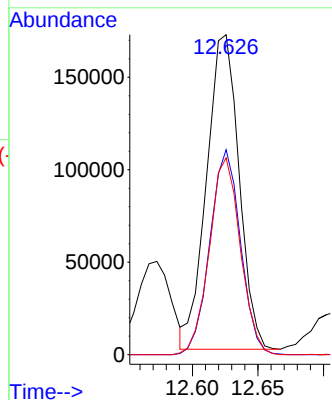
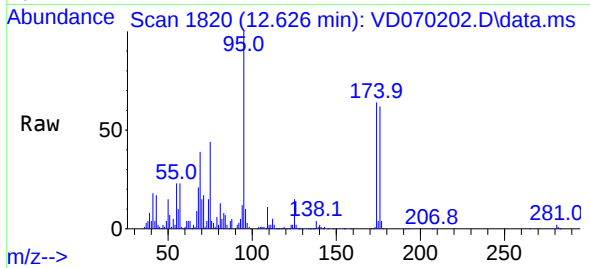




#62
4-Bromofluorobenzene
Concen: 50.284 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

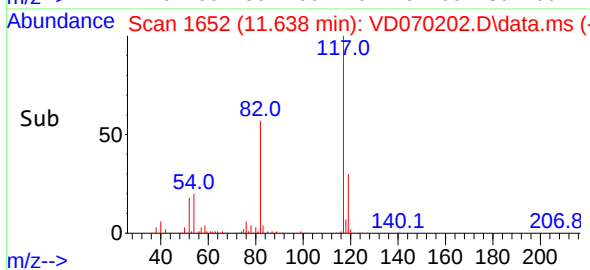
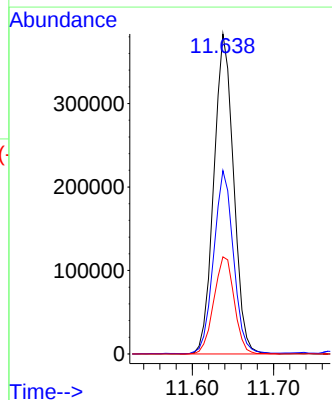
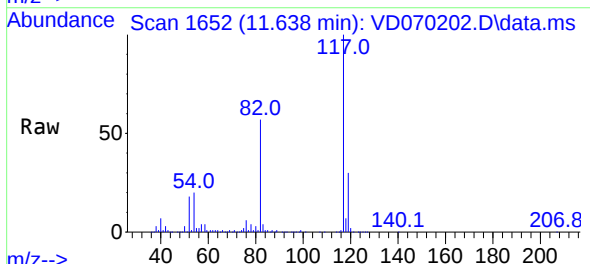
Instrument :
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SWCS-17-0306RE

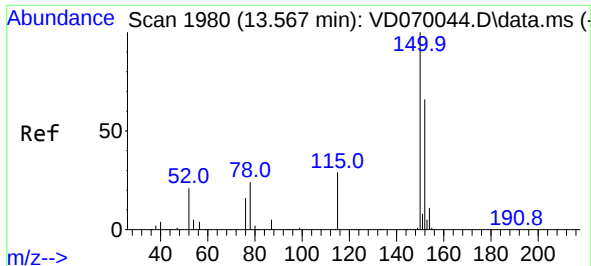
Tgt Ion: 95 Resp: 292436
Ion Ratio Lower Upper
95 100
174 61.4 0.0 141.6
176 59.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Tgt Ion: 117 Resp: 647546
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 30.3 25.1 37.7

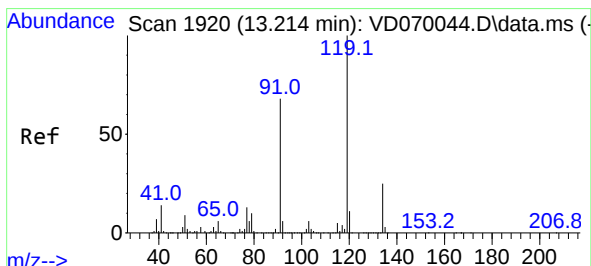
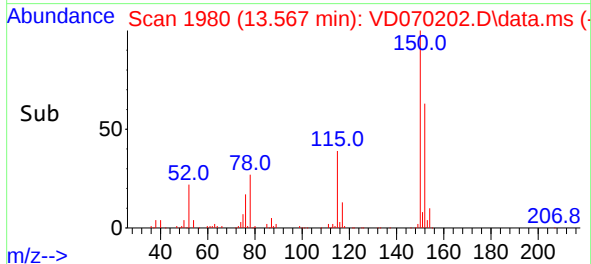
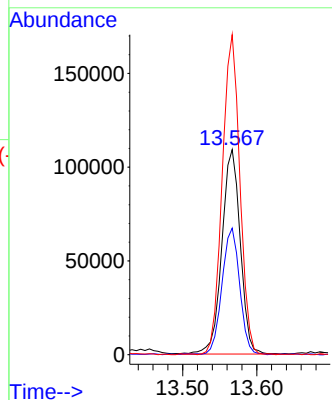
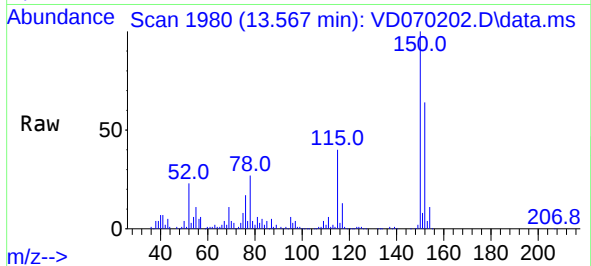




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Instrument :
MSVOA_D
ClientSampleId :
SWCS-17-0306RE

Tgt Ion:152 Resp: 188260
Ion Ratio Lower Upper
152 100
115 58.9 31.2 93.6
150 149.6 0.0 352.0



#83
tert-Butylbenzene
Concen: 1.766 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070202.D
Acq: 20 Aug 2021 14:52

Tgt Ion:119 Resp: 16773
Ion Ratio Lower Upper
119 100
91 78.2 34.0 101.8
134 25.3 13.2 39.6

