

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070129.D
 Acq On : 18 Aug 2021 15:52
 Operator : VA/SY
 Sample : M3435-07
 Misc : 3.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-21-0204

Quant Time: Aug 19 07:31:22 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)

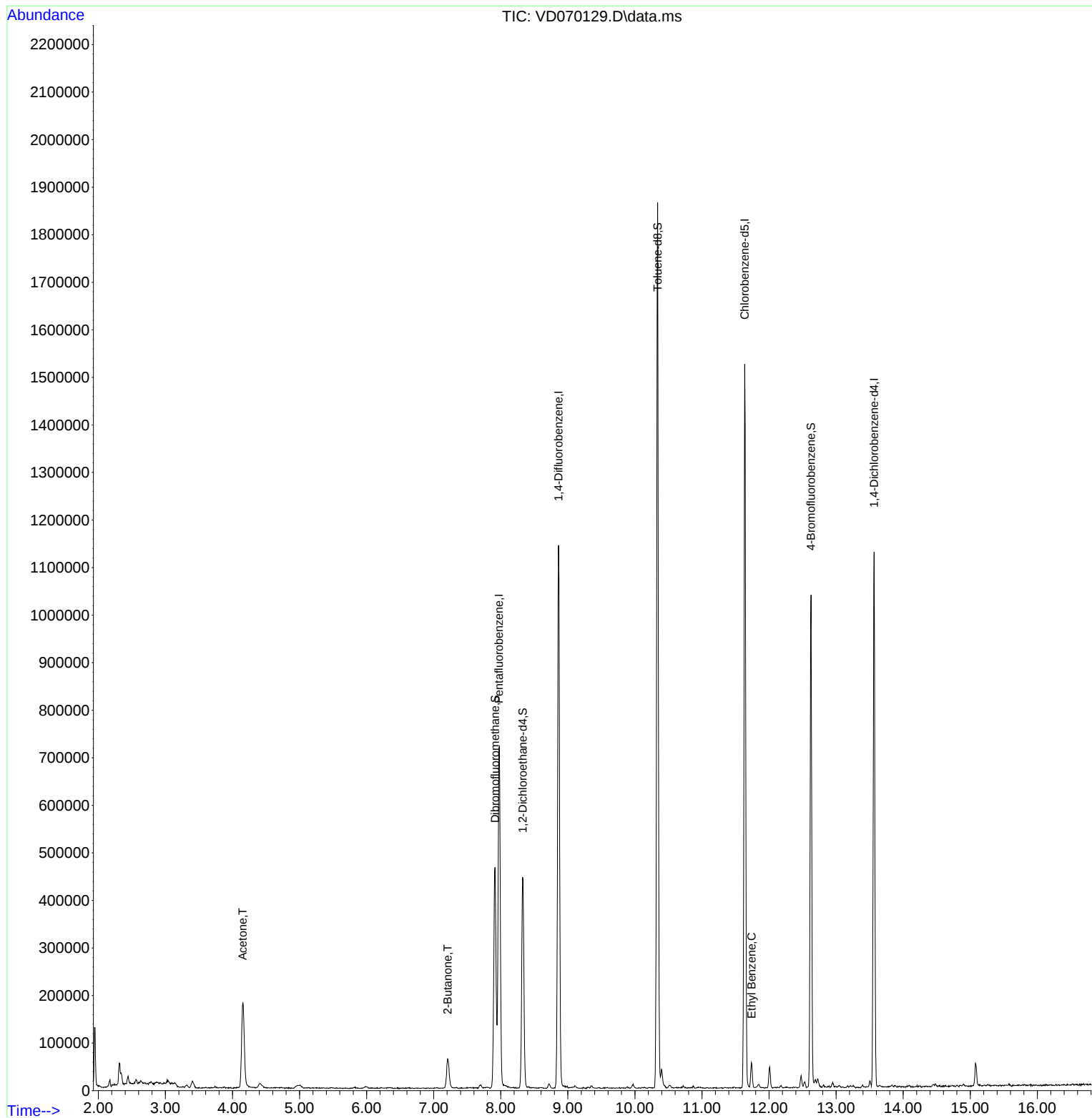
Internal Standards						
1) Pentafluorobenzene	7.973	168	514645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	982014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	892398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	351226	58.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.040%	
35) Dibromofluoromethane	7.914	113	344578	54.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.620%	
50) Toluene-d8	10.338	98	1243497	50.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.626	95	356618	43.877	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.760%	
Target Compounds						Qvalue
16) Acetone	4.150	43	315006	282.499	ug/l	96
25) 2-Butanone	7.208	43	96416	63.279	ug/l	94
67) Ethyl Benzene	11.738	91	35816	1.086	ug/l	93

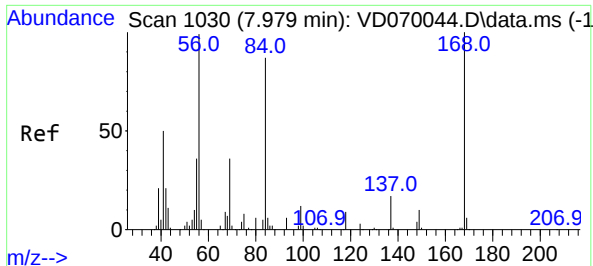
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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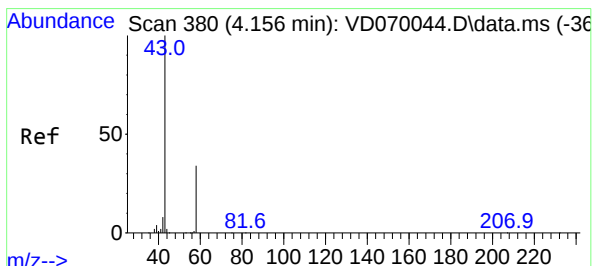
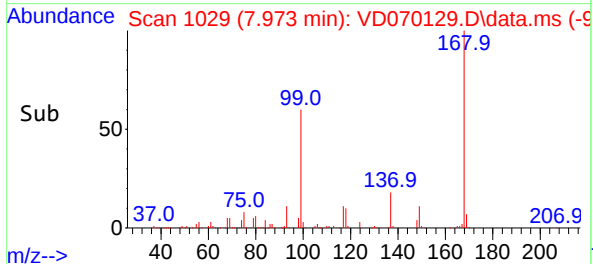
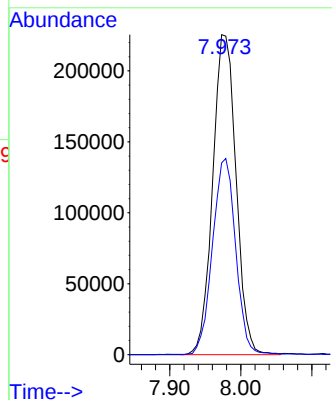
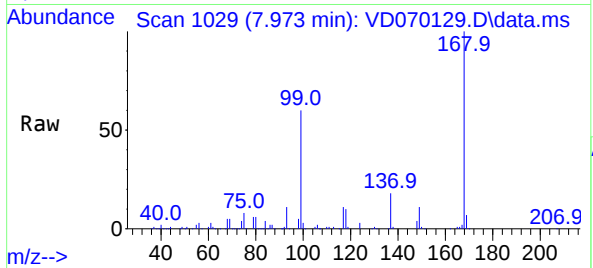




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

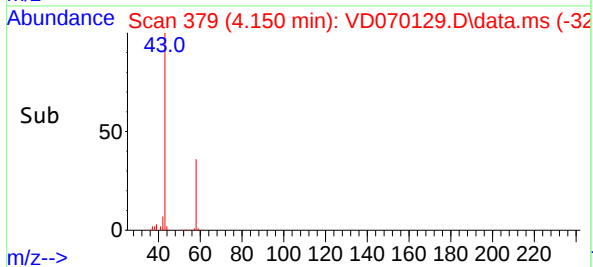
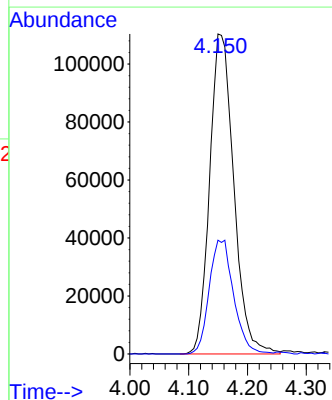
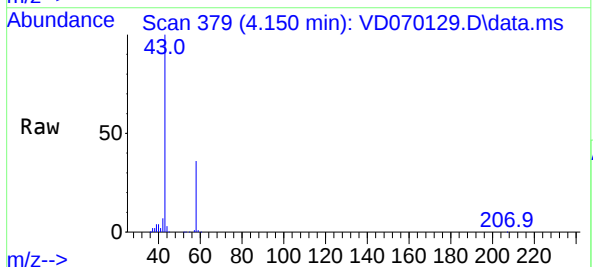
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

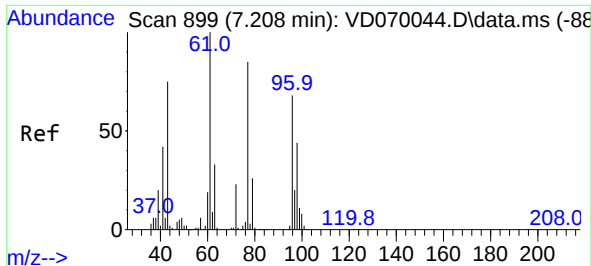
Tgt Ion:168 Resp: 514645
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#16
Acetone
Concen: 282.499 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 43 Resp: 315006
Ion Ratio Lower Upper
43 100
58 35.5 26.8 40.2

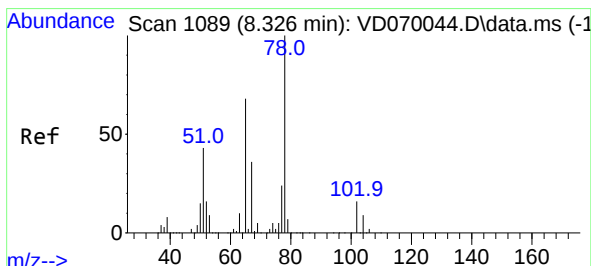
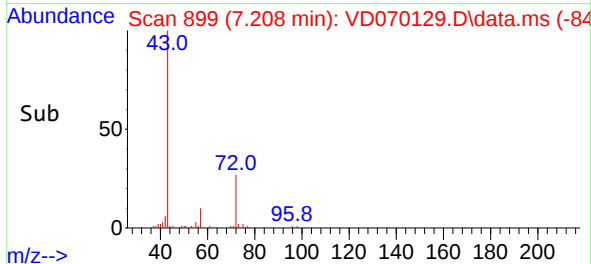
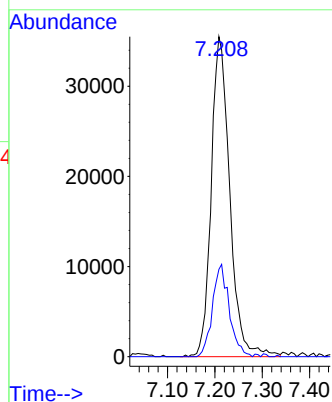
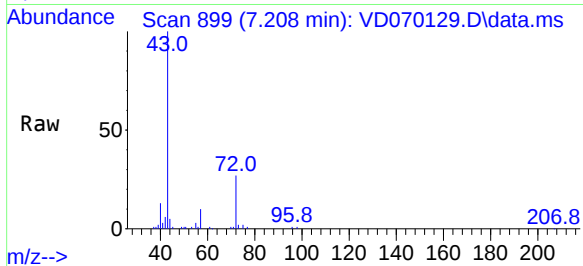




#25
2-Butanone
Concen: 63.279 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

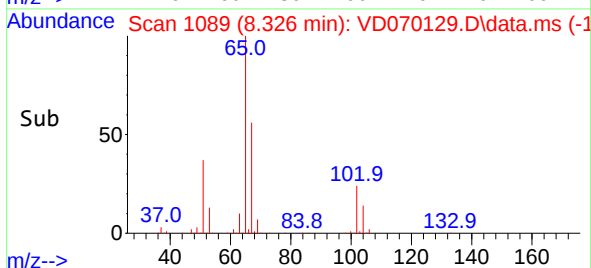
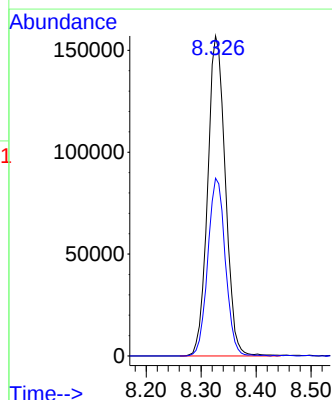
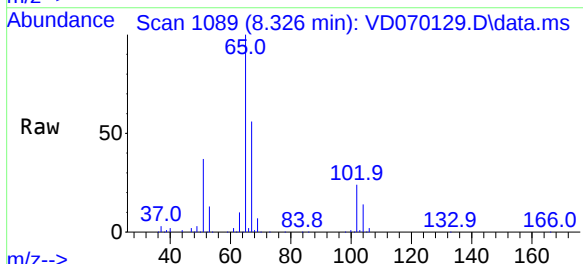
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0204

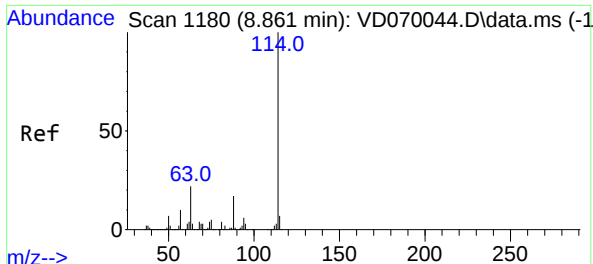
Tgt Ion: 43 Resp: 96416
Ion Ratio Lower Upper
43 100
72 27.3 24.2 36.4



#33
1,2-Dichloroethane-d4
Concen: 58.025 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 65 Resp: 351226
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8

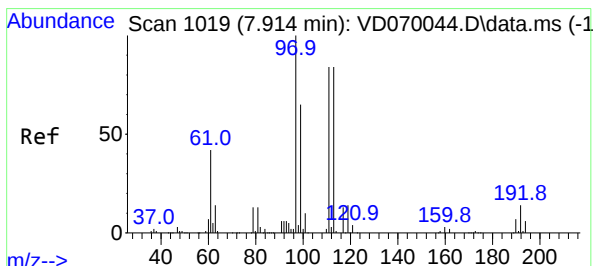
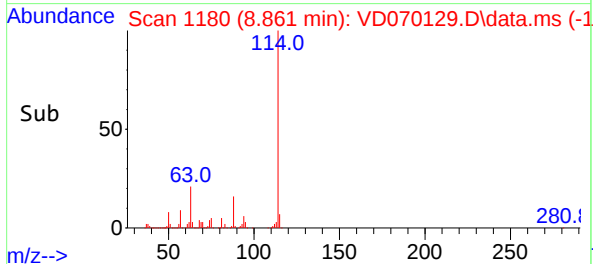
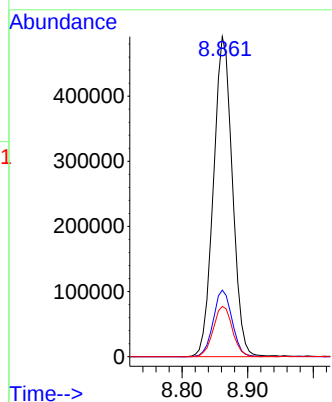
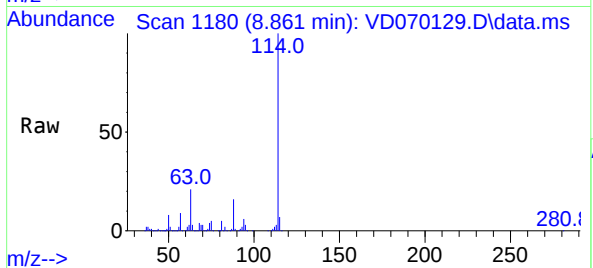




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

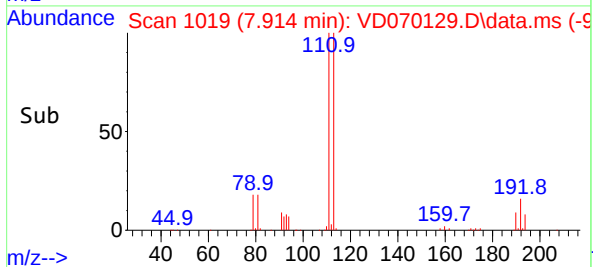
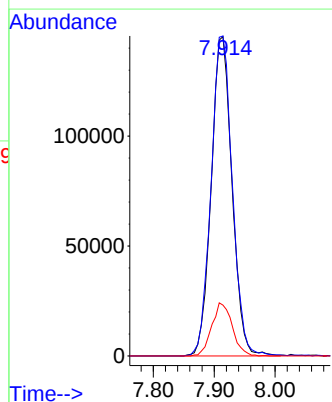
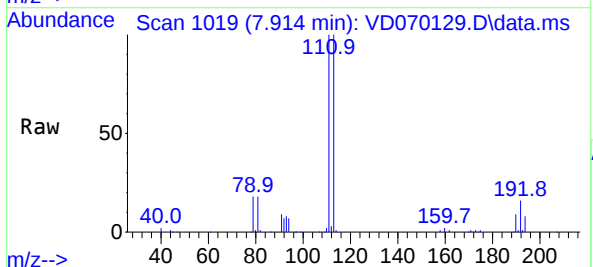
Instrument :
MSVOA_D
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SWCS-21-0204

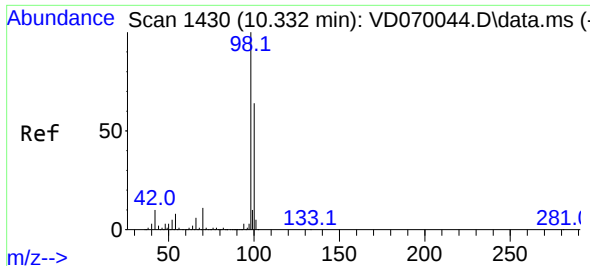
Tgt Ion:	114	Resp:	982014
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	15.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 54.312 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion:	113	Resp:	344578
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	16.5	13.2	19.8

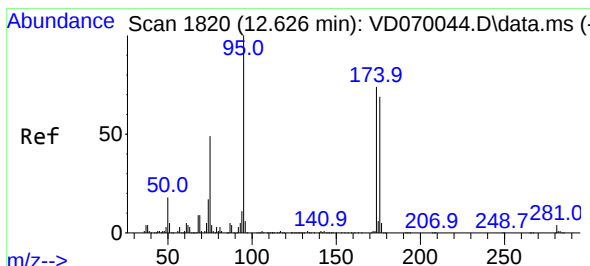
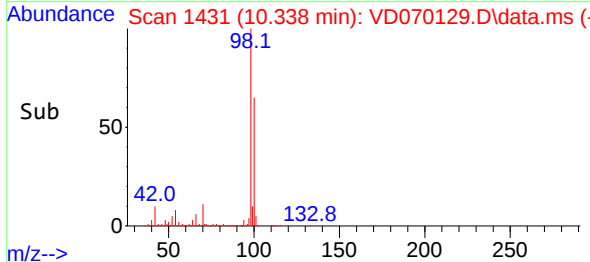
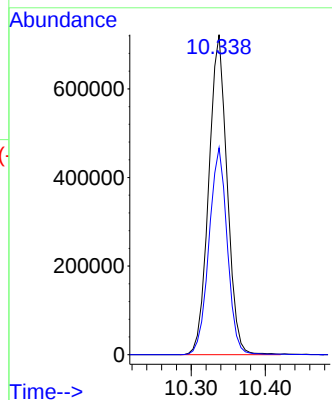
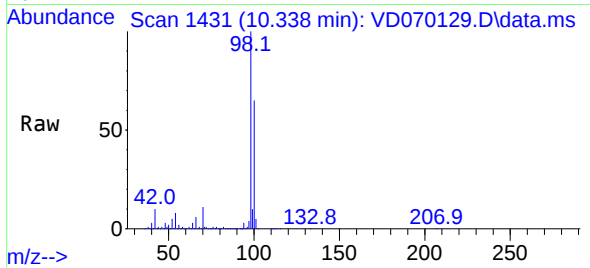




#50
Toluene-d8
Concen: 50.392 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

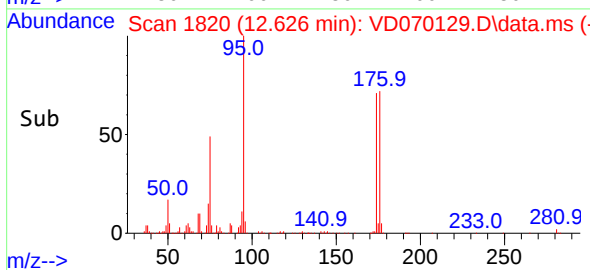
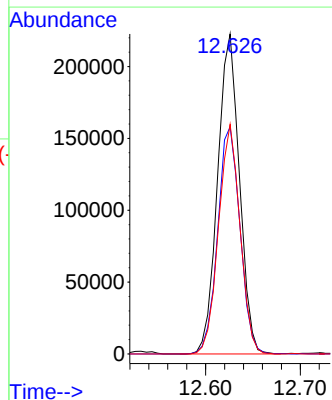
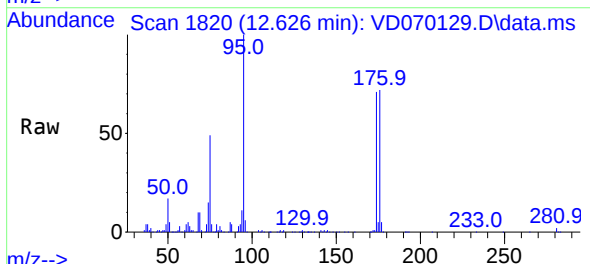
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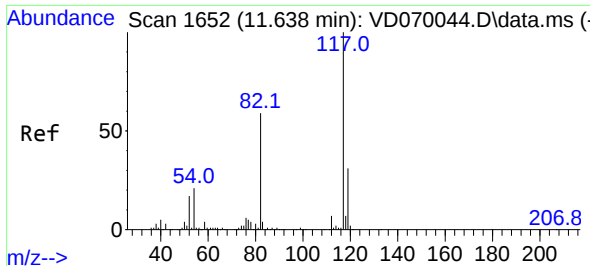
Tgt Ion: 98 Resp: 1243497
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.877 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 95 Resp: 356618
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.6 0.0 138.2

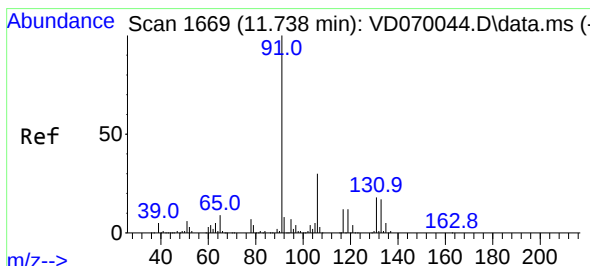
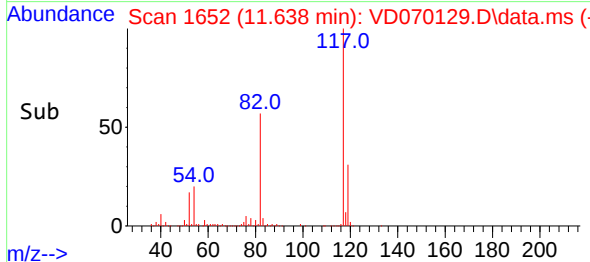
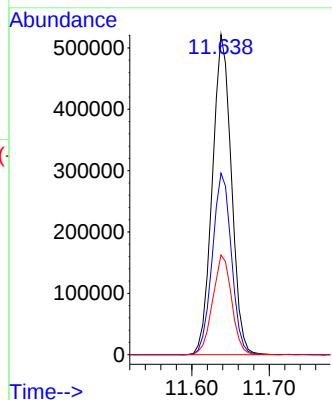
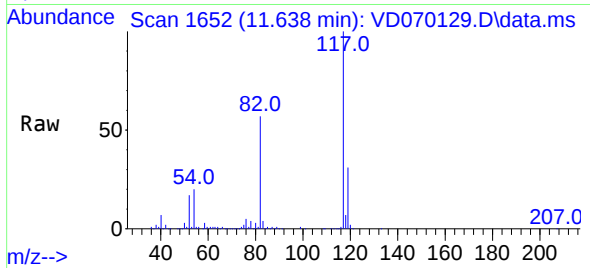




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

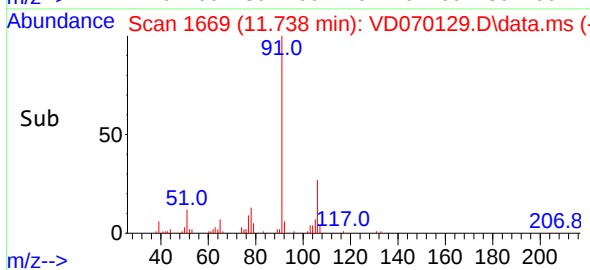
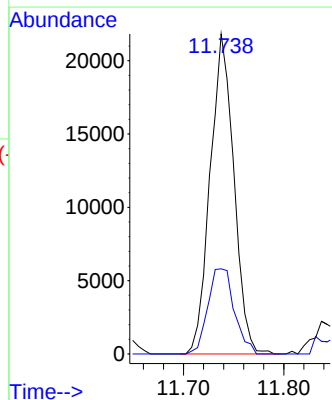
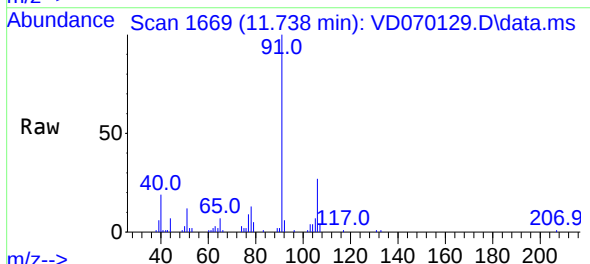
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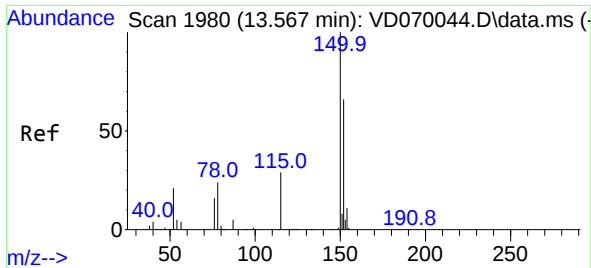
Tgt Ion:117 Resp: 892398
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.2 25.1 37.7



#67
Ethyl Benzene
Concen: 1.086 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070129.D
Acq: 18 Aug 2021 15:52

Tgt Ion: 91 Resp: 35816
Ion Ratio Lower Upper
91 100
106 26.6 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070129.D
 Acq: 18 Aug 2021 15:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-21-0204

Tgt Ion:	152	Resp:	303771
Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.2	93.6
150	157.3	0.0	352.0

