

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080321\
 Data File : VD069970.D
 Acq On : 03 Aug 2021 17:07
 Operator : VA/SY
 Sample : M3268-11
 Misc : 7.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210514-100

Quant Time: Aug 04 01:33:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

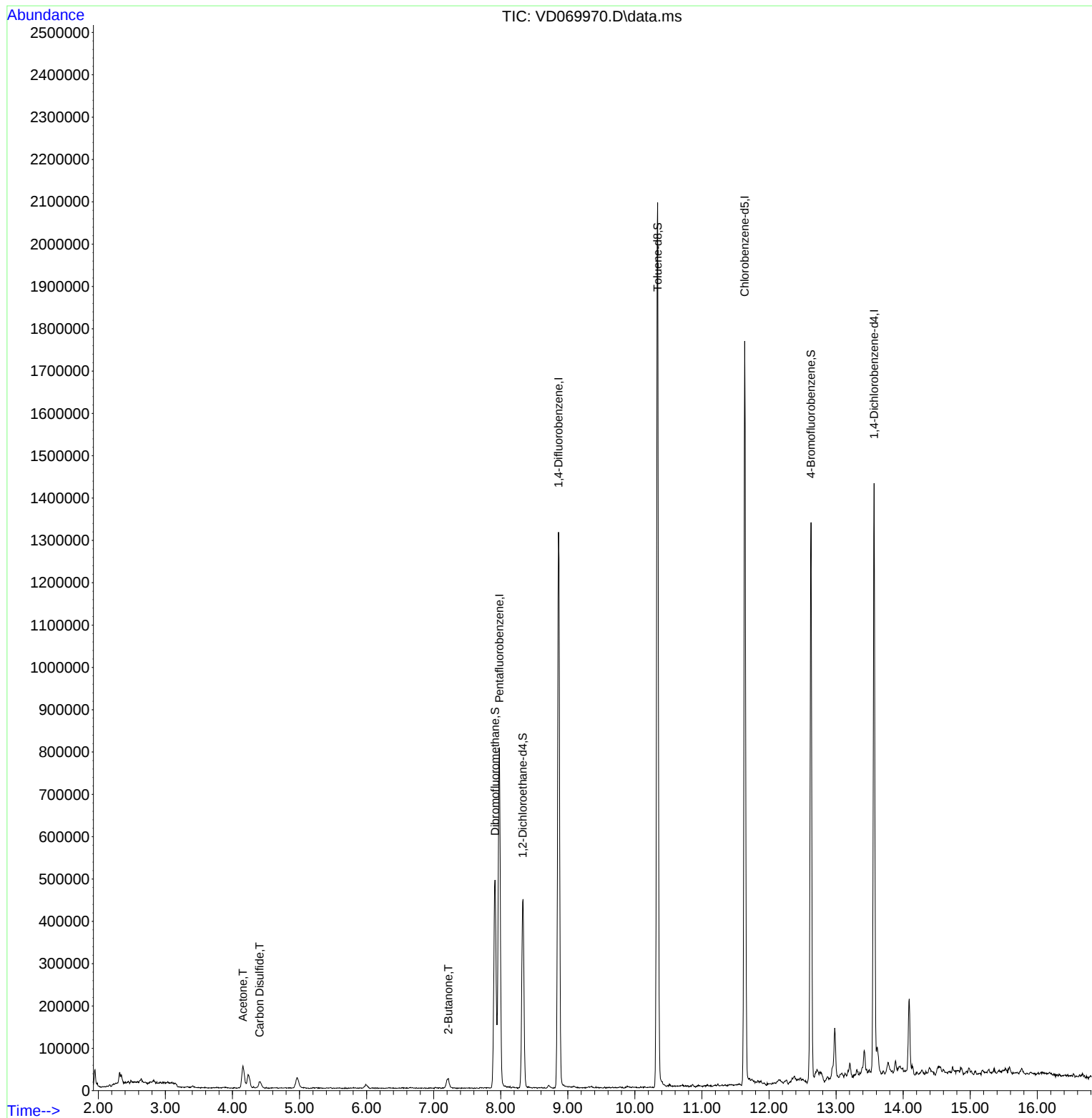
Internal Standards						
1) Pentafluorobenzene	7.979	168	568212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1146830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1019494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	360047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	360657	55.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 110.380%		
35) Dibromofluoromethane	7.914	113	372219	51.485	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 102.980%		
50) Toluene-d8	10.338	98	1452080	52.089	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 104.180%		
62) 4-Bromofluorobenzene	12.626	95	419116	44.986	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 89.980%		
Target Compounds						Qvalue
16) Acetone	4.156	43	89621	75.917	ug/l	97
17) Carbon Disulfide	4.403	76	32196	1.385	ug/l #	94
25) 2-Butanone	7.220	43	30811	19.246	ug/l	98

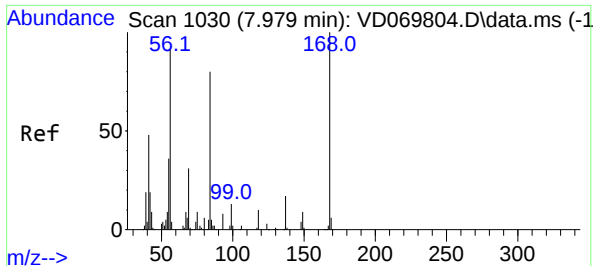
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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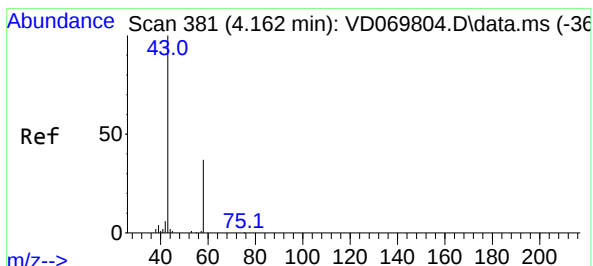
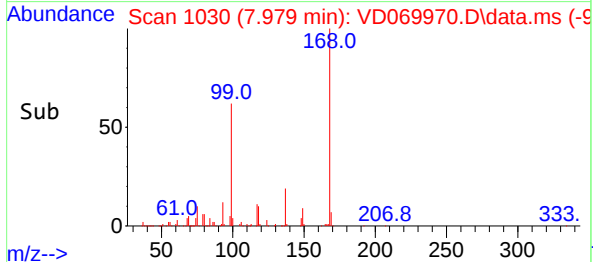
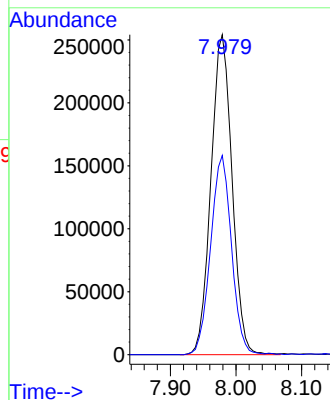
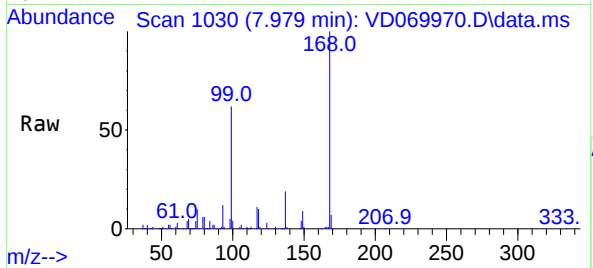




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

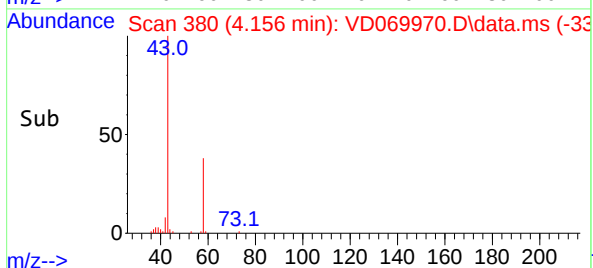
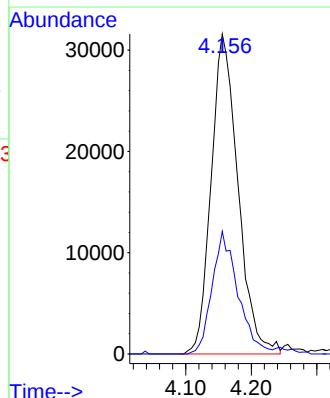
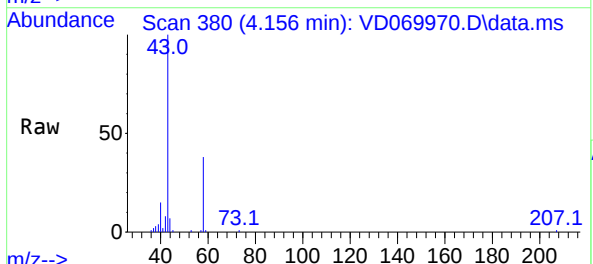
Instrument :
MSVOA_D
ClientSampleId :
20210514-100

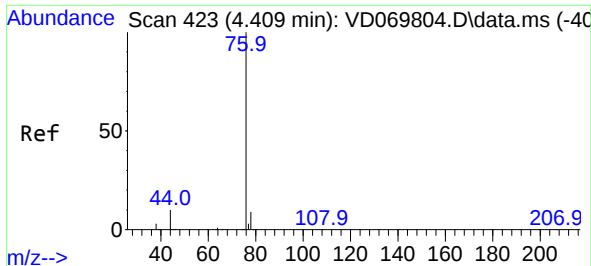
Tgt Ion:168 Resp: 568212
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#16
Acetone
Concen: 75.917 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

Tgt Ion: 43 Resp: 89621
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.0

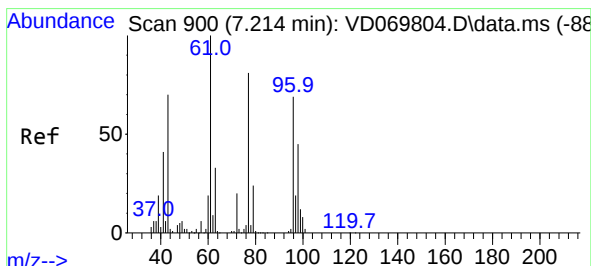
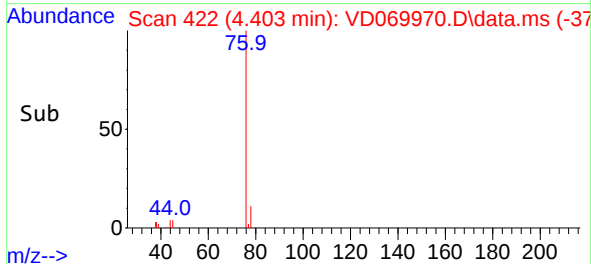
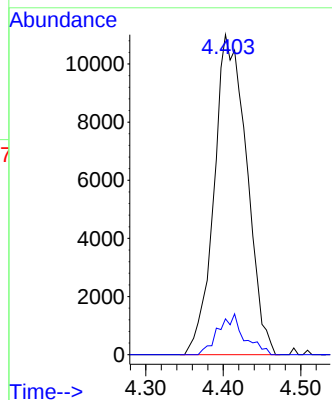
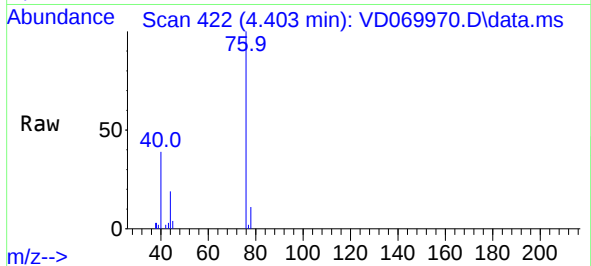




#17
Carbon Disulfide
Concen: 1.385 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

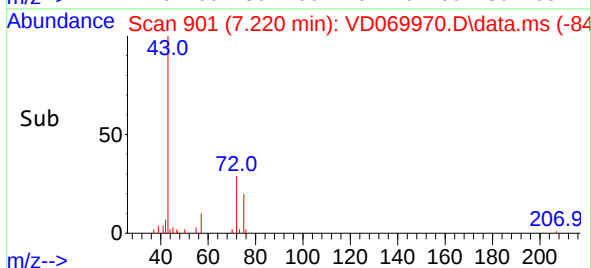
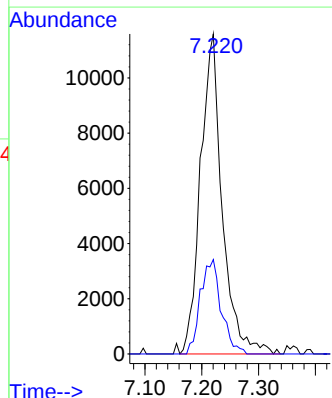
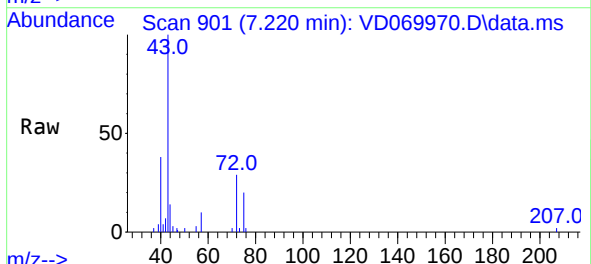
Instrument :
MSVOA_D
ClientSampleId :
20210514-100

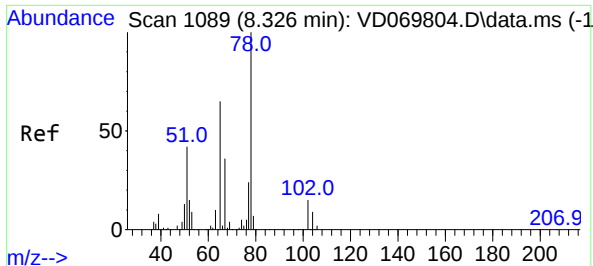
Tgt Ion: 76 Resp: 32196
Ion Ratio Lower Upper
76 100
78 11.2 7.3 10.9#



#25
2-Butanone
Concen: 19.246 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

Tgt Ion: 43 Resp: 30811
Ion Ratio Lower Upper
43 100
72 29.5 22.8 34.2

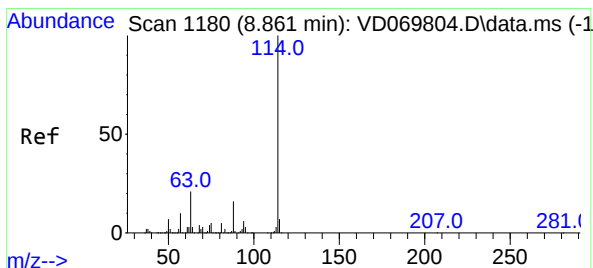
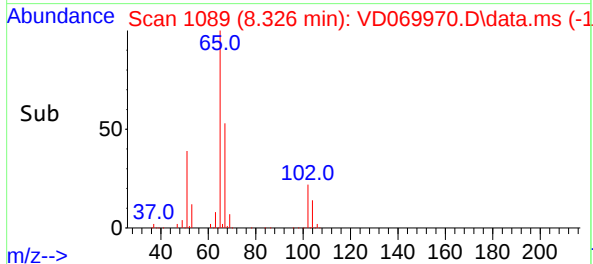
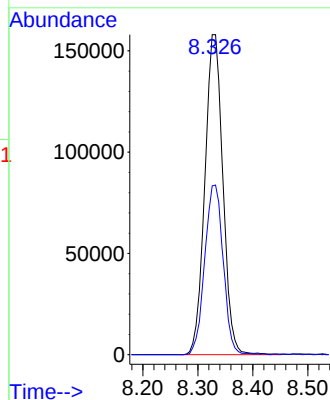
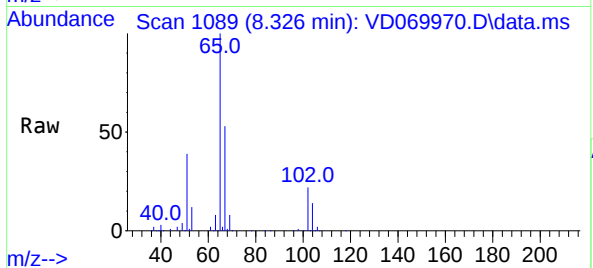




#33
1,2-Dichloroethane-d4
Concen: 55.189 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

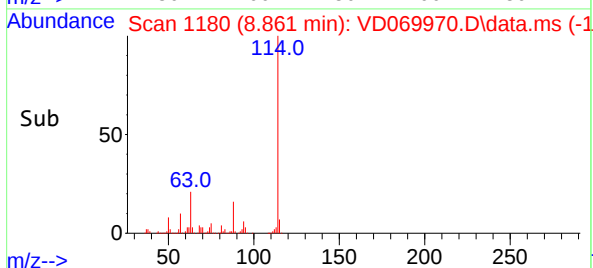
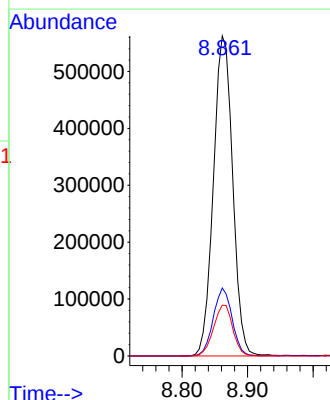
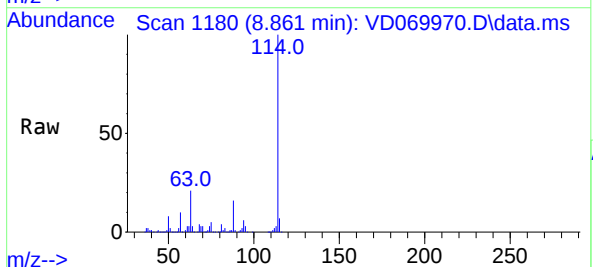
Instrument :
MSVOA_D
ClientSampleId :
20210514-100

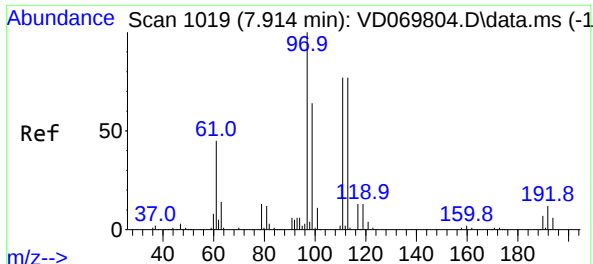
Tgt Ion: 65 Resp: 360657
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

Tgt Ion:114 Resp: 1146830
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 15.9 0.0 31.4



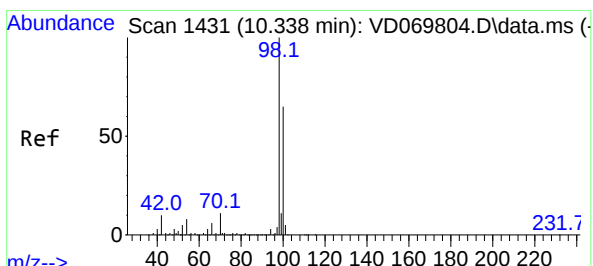
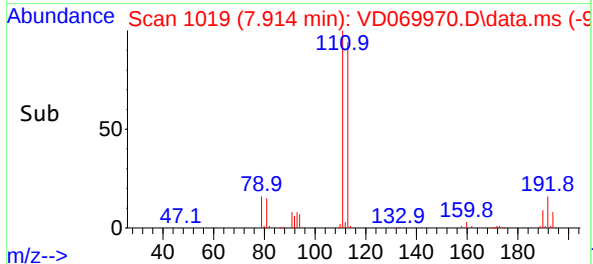
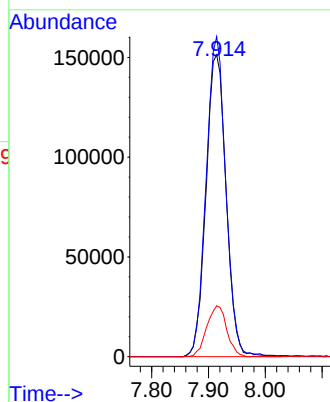
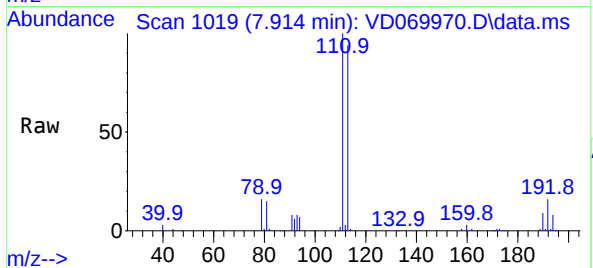


#35
Dibromofluoromethane
Concen: 51.485 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

Instrument :
MSVOA_D
ClientSampleId :
20210514-100

Tgt Ion:113 Resp: 372219

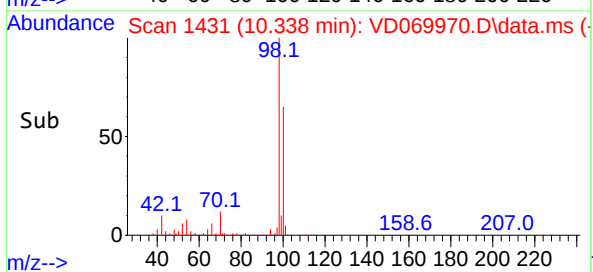
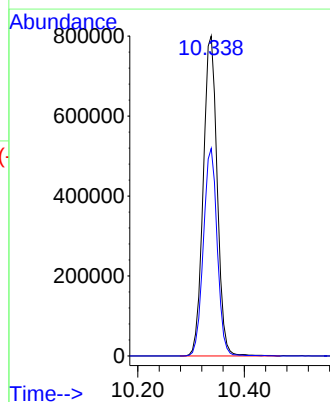
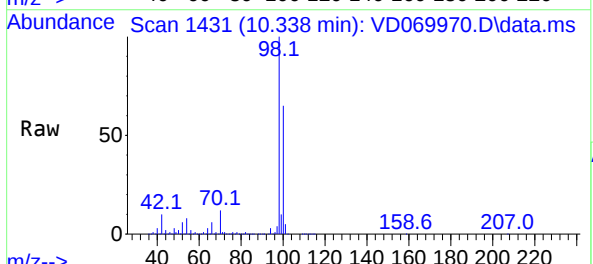
Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.5	120.7
192	16.7	12.6	19.0

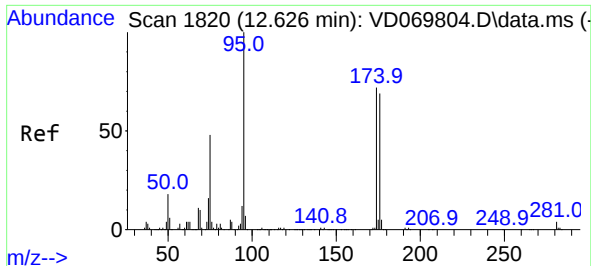


#50
Toluene-d8
Concen: 52.089 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

Tgt Ion: 98 Resp: 1452080

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9

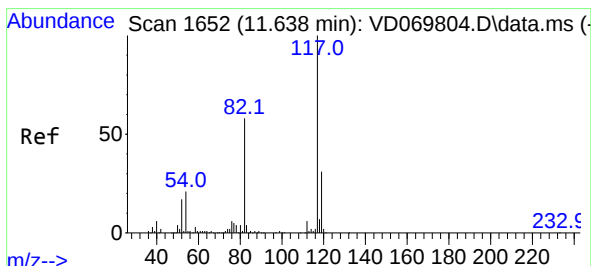
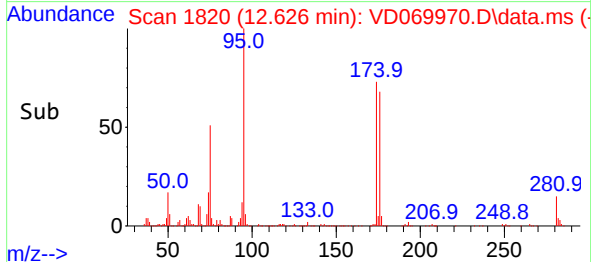
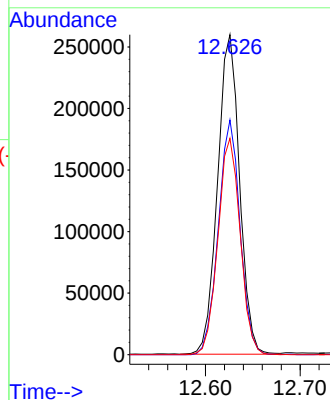
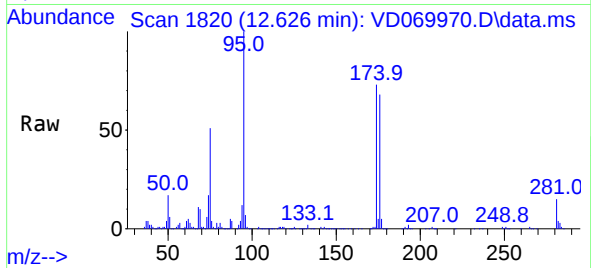




#62
4-Bromofluorobenzene
Concen: 44.986 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

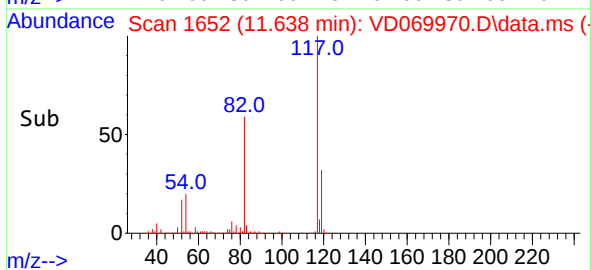
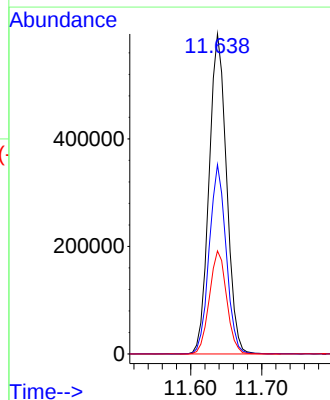
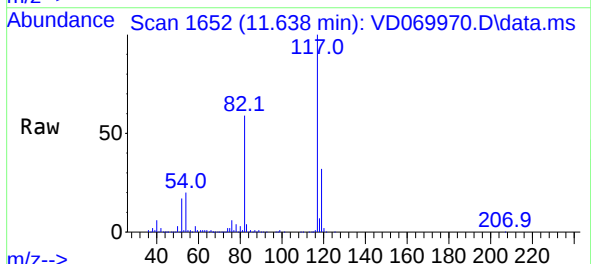
Instrument :
MSVOA_D
ClientSampleId :
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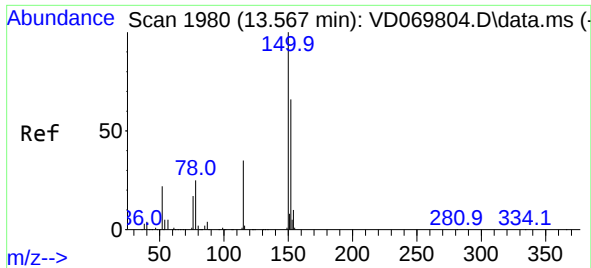
Tgt Ion: 95 Resp: 419116
Ion Ratio Lower Upper
95 100
174 72.7 0.0 142.6
176 68.4 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069970.D
Acq: 03 Aug 2021 17:07

Tgt Ion: 117 Resp: 1019494
Ion Ratio Lower Upper
117 100
82 59.1 46.3 69.5
119 32.2 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069970.D
 Acq: 03 Aug 2021 17:07

Instrument :
 MSVOA_D
 ClientSampleId :
 20210514-100

Tgt Ion:	152	Resp:	360047
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.1	93.3
150	160.1	0.0	343.0

