

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069678.D
 Acq On : 13 Jul 2021 18:58
 Operator : VA/SY
 Sample : M2997-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200029

Quant Time: Jul 14 06:08:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

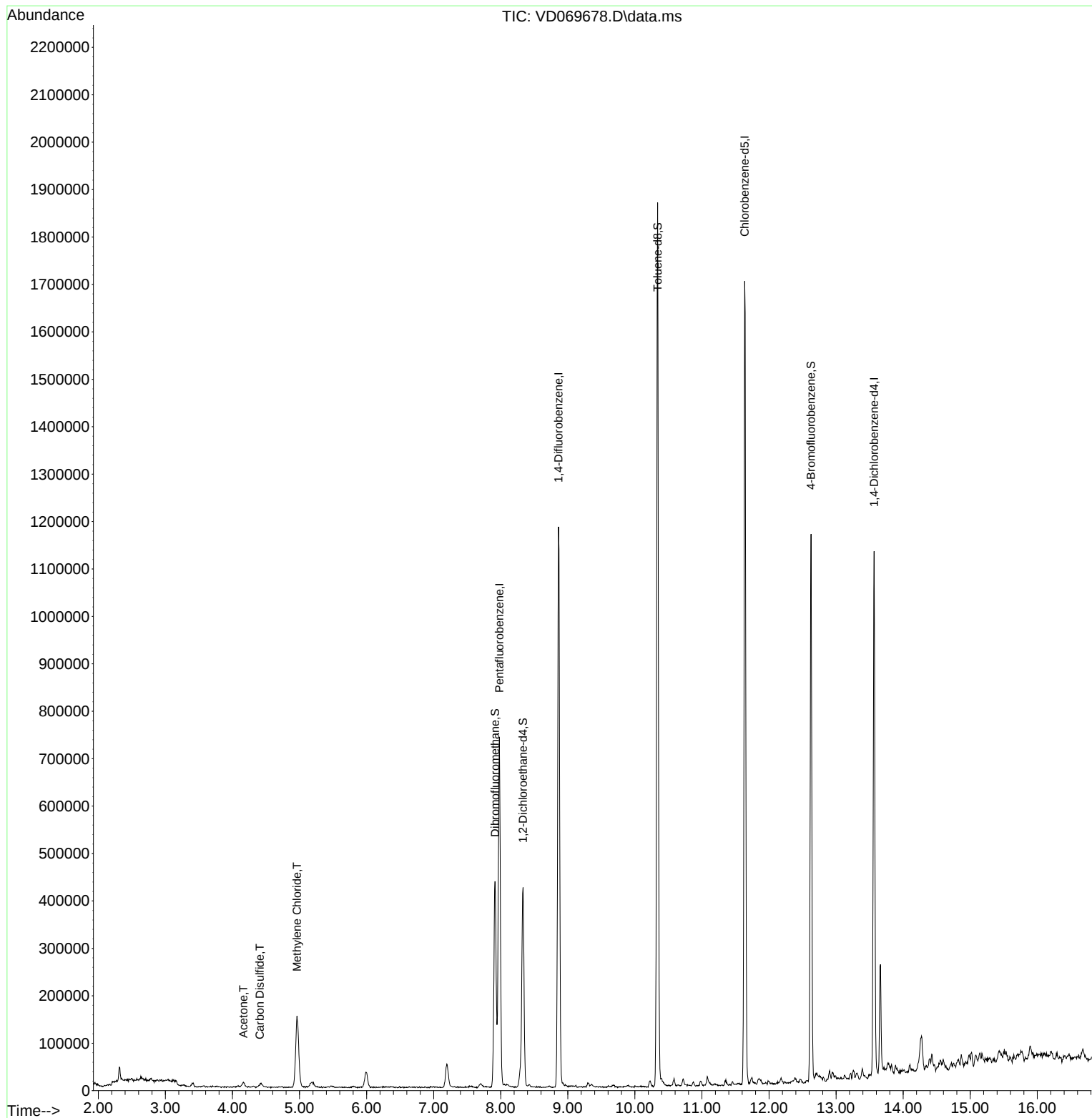
Internal Standards						
1) Pentafluorobenzene	7.979	168	495052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1002177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	967989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	285807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	333667	53.979	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.960%			
35) Dibromofluoromethane	7.914	113	330358	49.135	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.280%			
50) Toluene-d8	10.338	98	1243445	47.604	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.200%			
62) 4-Bromofluorobenzene	12.626	95	399802	45.894	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.780%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	17985	25.636	ug/l	97
17) Carbon Disulfide	4.409	76	12103	1.065	ug/l	100
20) Methylene Chloride	4.962	84	118495	9.368	ug/l	93

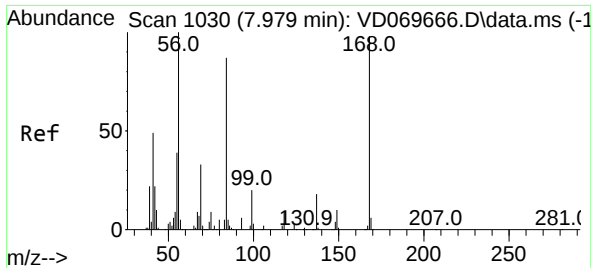
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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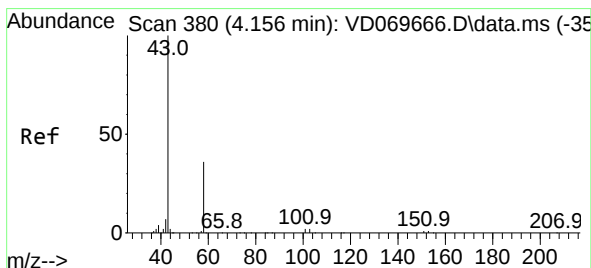
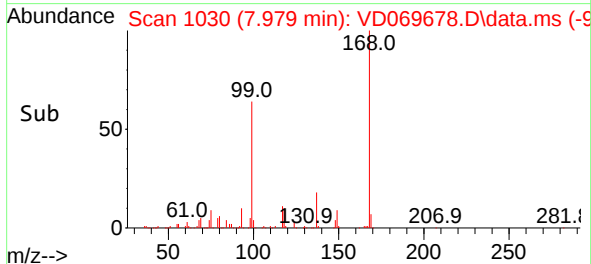
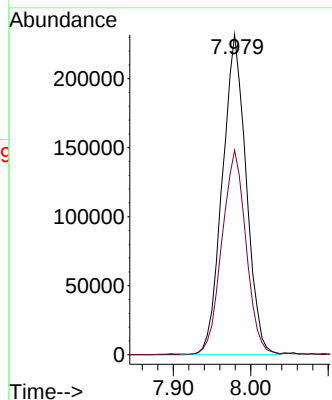
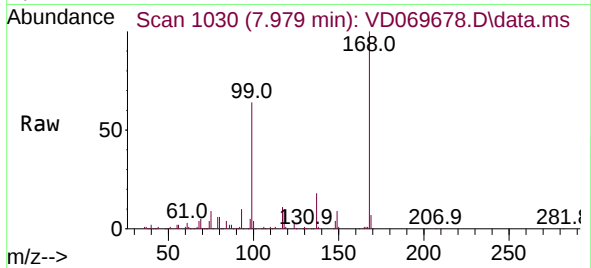




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

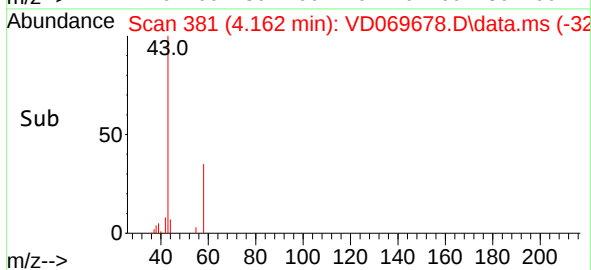
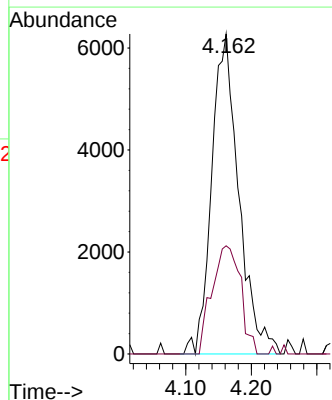
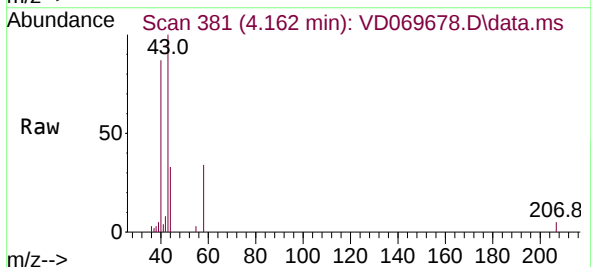
Instrument :
MSVOA_D
ClientSampleId :
RBR-200029

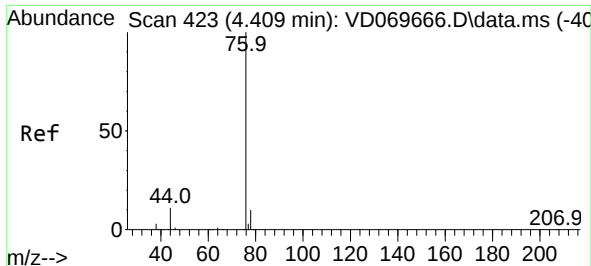
Tgt Ion:168 Resp: 495052
Ion Ratio Lower Upper
168 100
99 63.7 51.8 77.6



#16
Acetone
Concen: 25.636 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

Tgt Ion: 43 Resp: 17985
Ion Ratio Lower Upper
43 100
58 33.8 28.6 42.8

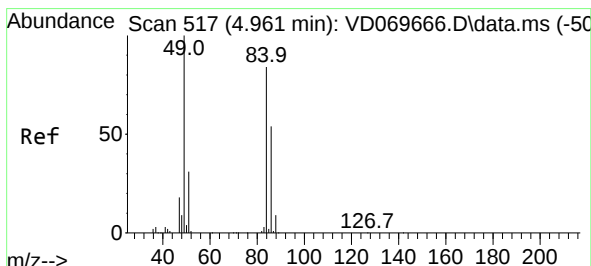
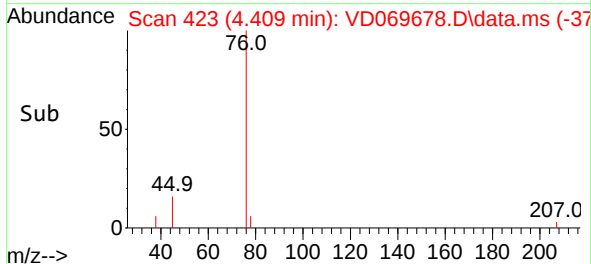
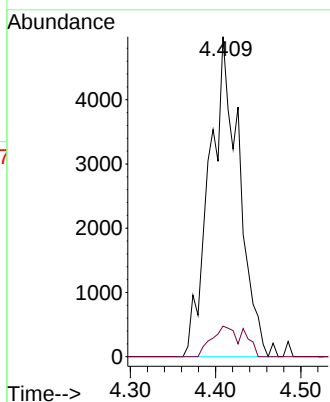
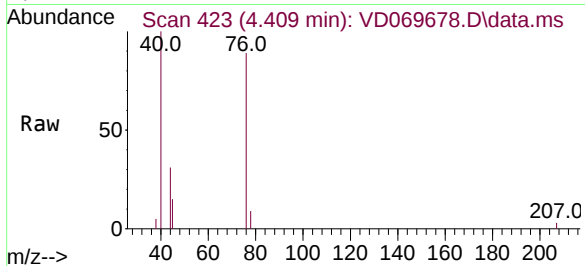




#17
Carbon Disulfide
Concen: 1.065 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

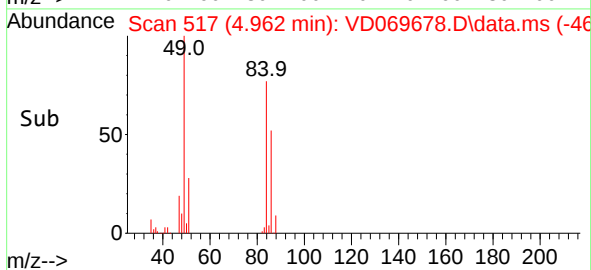
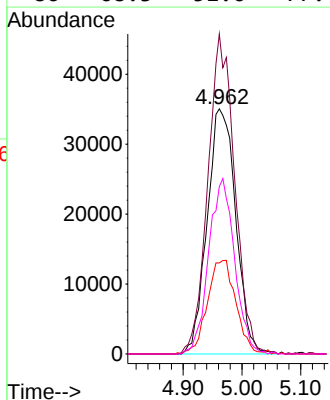
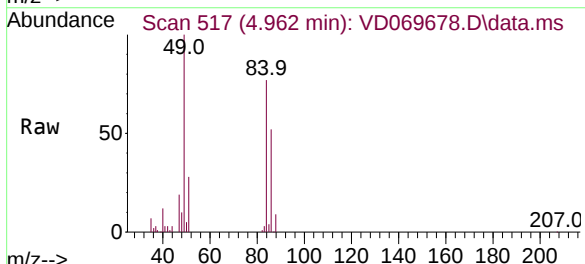
Instrument :
MSVOA_D
ClientSampleId :
RBR-200029

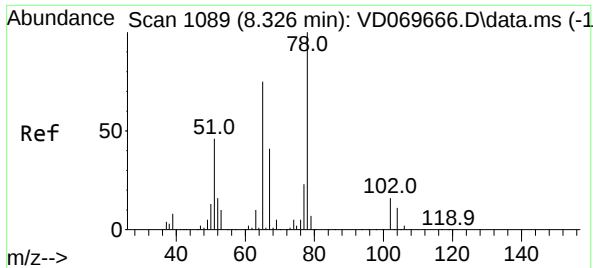
Tgt Ion: 76 Resp: 12103
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#20
Methylene Chloride
Concen: 9.368 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

Tgt Ion: 84 Resp: 118495
Ion Ratio Lower Upper
84 100
49 130.6 95.5 143.3
51 37.1 29.7 44.5
86 68.3 51.6 77.4

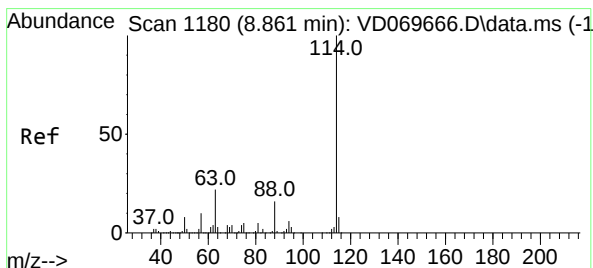
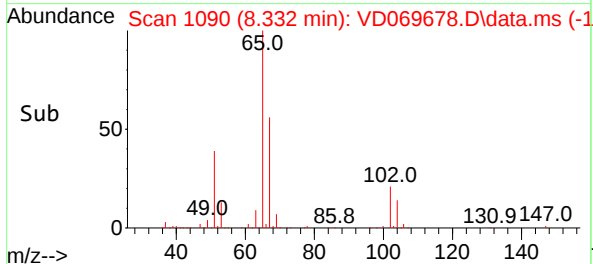
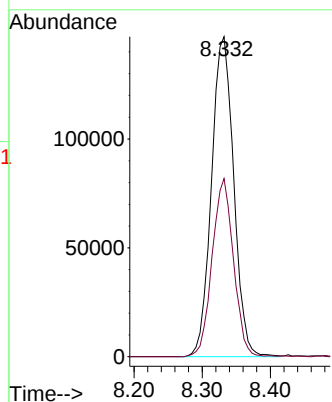
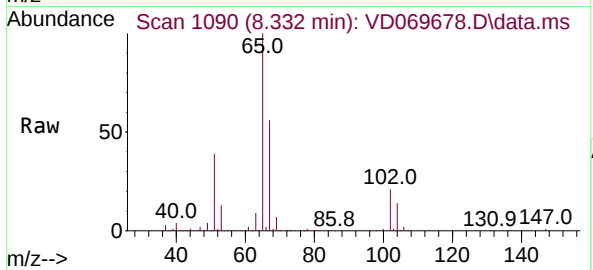




#33
1,2-Dichloroethane-d4
Concen: 53.979 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

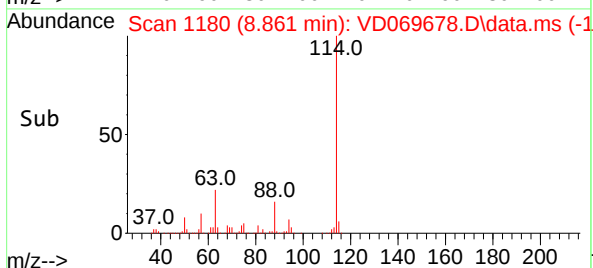
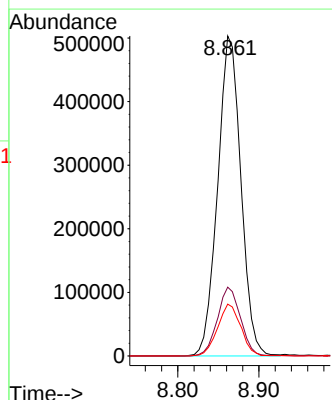
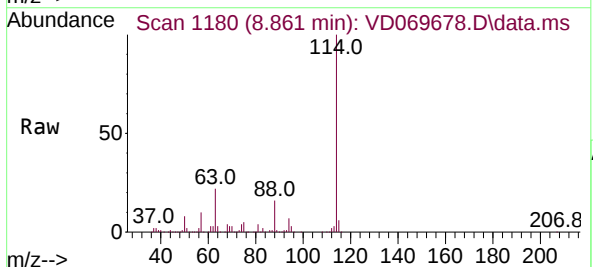
Instrument :
MSVOA_D
ClientSampleId :
RBR-200029

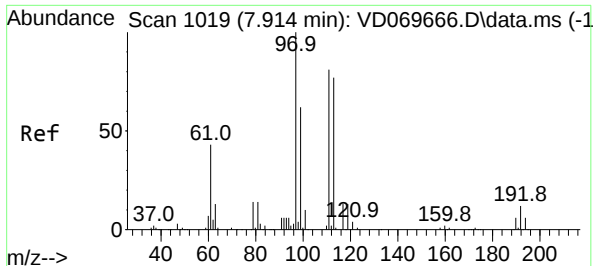
Tgt Ion: 65 Resp: 333667
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

Tgt Ion: 114 Resp: 1002177
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.135 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069678.D

Acq: 13 Jul 2021 18:58

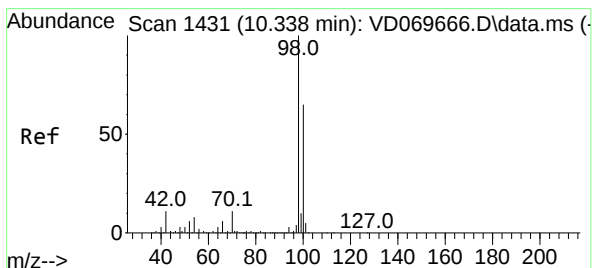
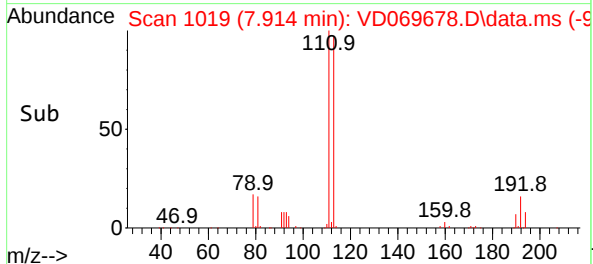
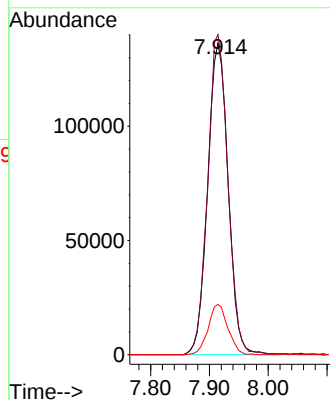
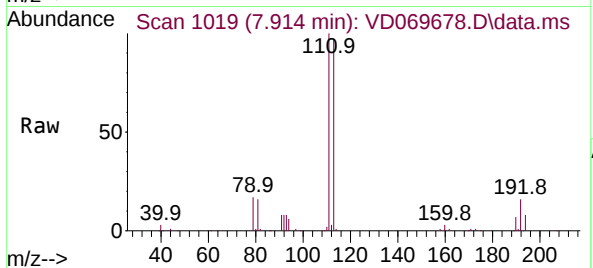
Instrument :

MSVOA_D

ClientSampleId :

RBR-200029

Tgt Ion:	113	Resp:	330358
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	15.5	12.7	19.1



#50

Toluene-d8

Concen: 47.604 ug/l

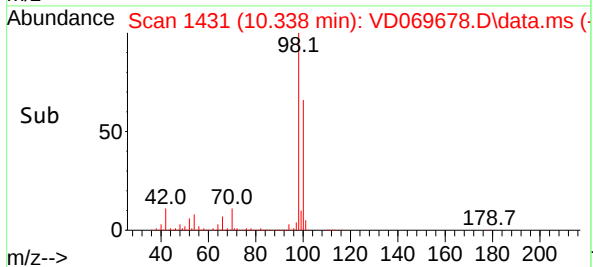
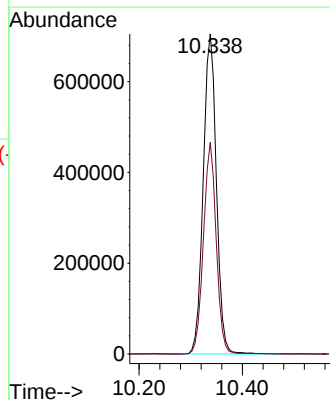
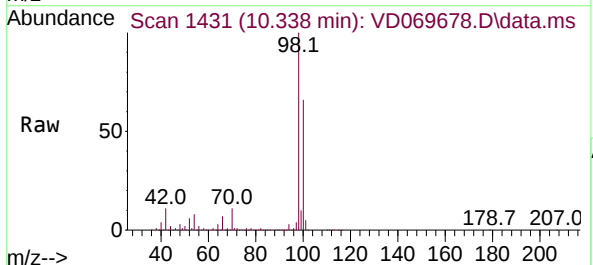
RT: 10.338 min Scan# 1431

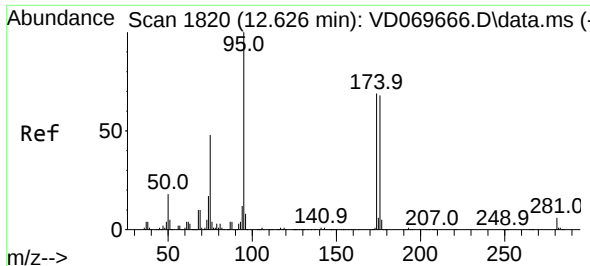
Delta R.T. -0.000 min

Lab File: VD069678.D

Acq: 13 Jul 2021 18:58

Tgt Ion:	98	Resp:	1243445
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2

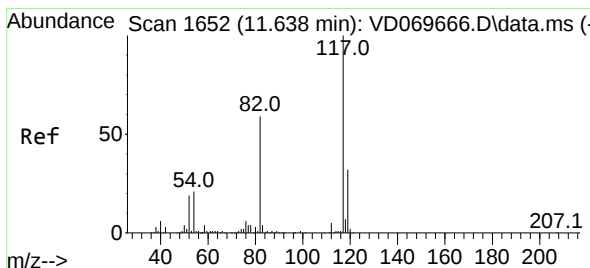
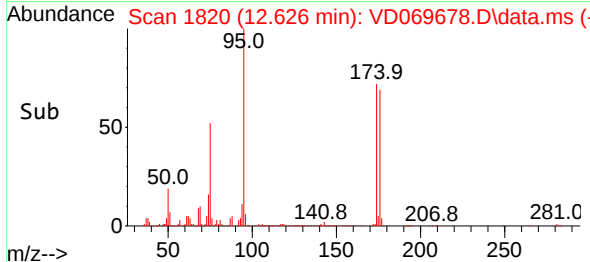
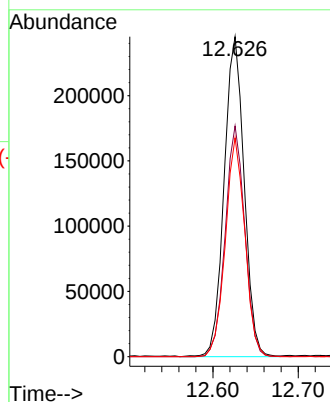
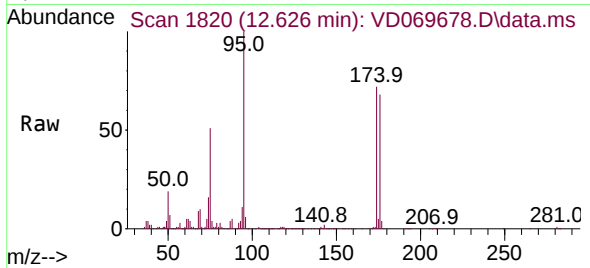




#62
4-Bromofluorobenzene
Concen: 45.894 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

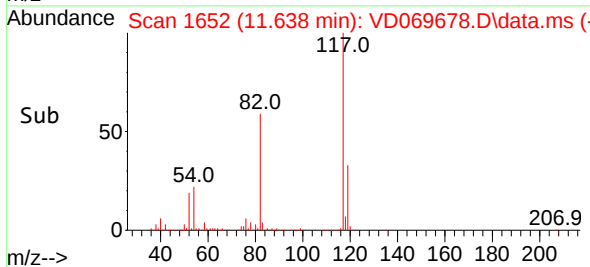
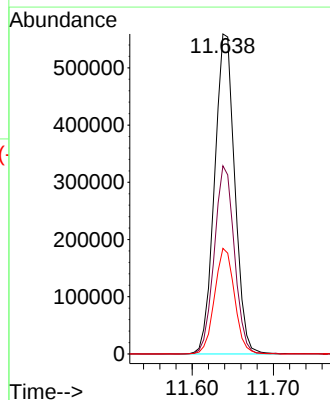
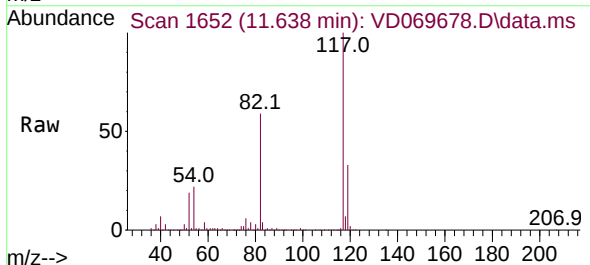
Instrument :
MSVOA_D
ClientSampleId :
RBR-200029

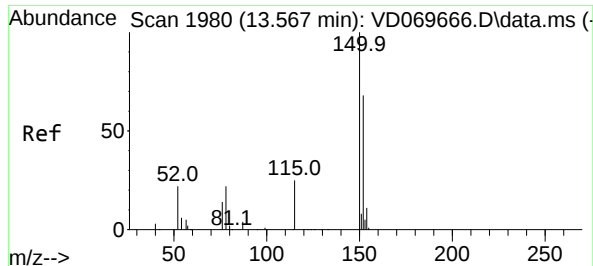
Tgt Ion: 95 Resp: 399802
Ion Ratio Lower Upper
95 100
174 70.4 0.0 140.0
176 66.5 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069678.D
Acq: 13 Jul 2021 18:58

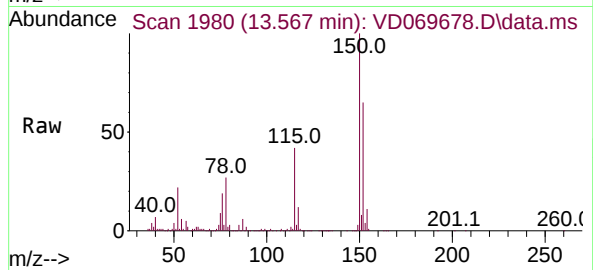
Tgt Ion: 117 Resp: 967989
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 33.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069678.D
 Acq: 13 Jul 2021 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200029



Tgt Ion:152 Resp: 285807

Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.7	95.1
150	157.6	0.0	350.4

