

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071321\
 Data File : VD069670.D
 Acq On : 13 Jul 2021 15:01
 Operator : VA/SY
 Sample : VD0713SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0713SBL01

Quant Time: Jul 14 06:06:31 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)

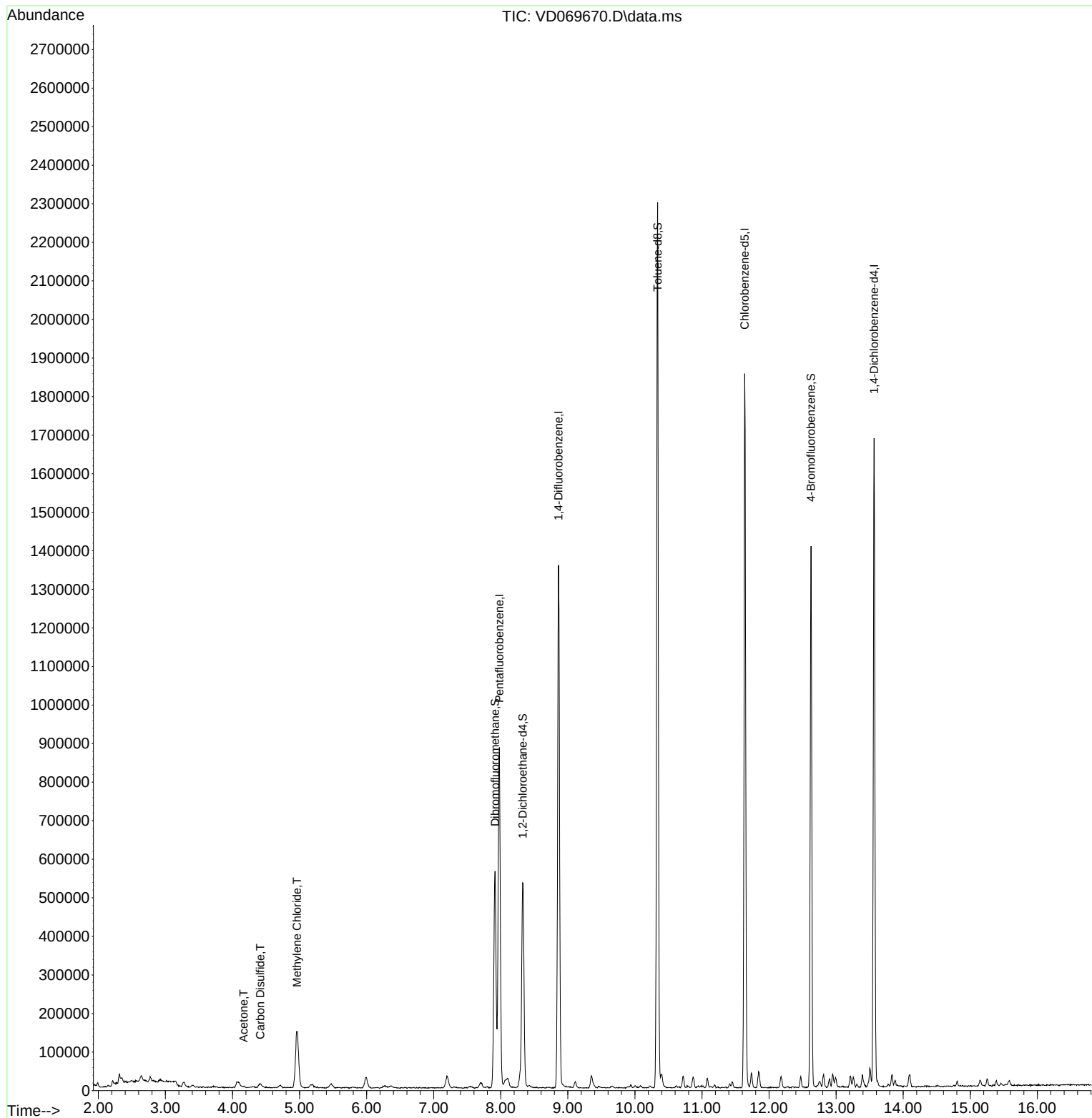
Internal Standards						
1) Pentafluorobenzene	7.979	168	592311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1145250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1038642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	431774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	435287	58.856	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.720%			
35) Dibromofluoromethane	7.914	113	406442	52.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.338	98	1543380	51.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.420%			
62) 4-Bromofluorobenzene	12.626	95	485307	48.750	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.500%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	6939	17.159	ug/l	94
17) Carbon Disulfide	4.414	76	19695	1.292	ug/l	99
20) Methylene Chloride	4.961	84	121355	7.290	ug/l	98

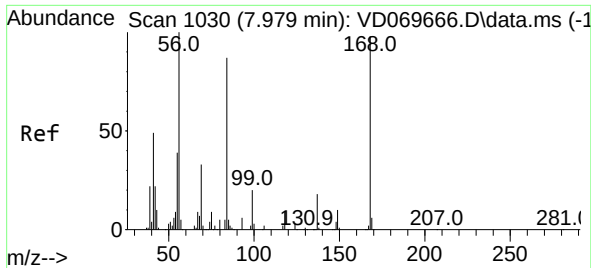
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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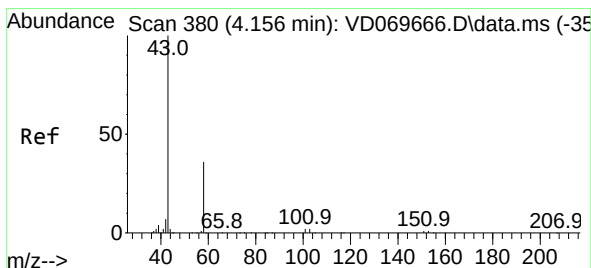
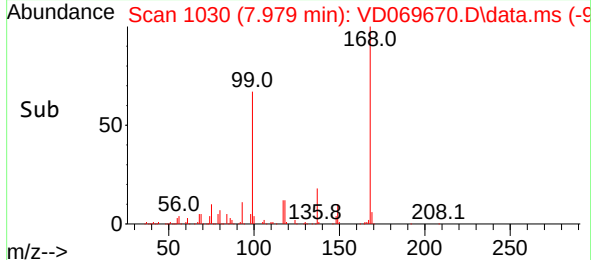
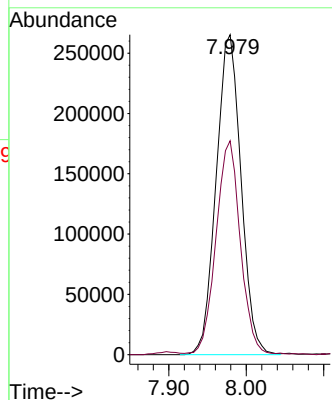
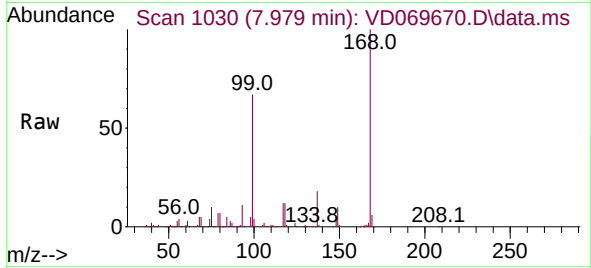




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

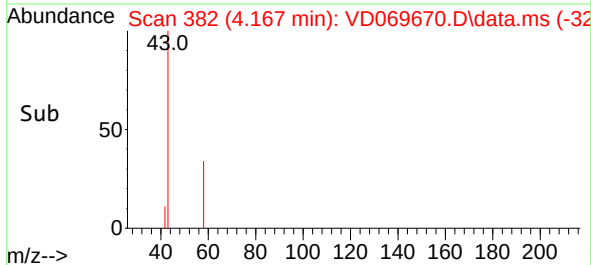
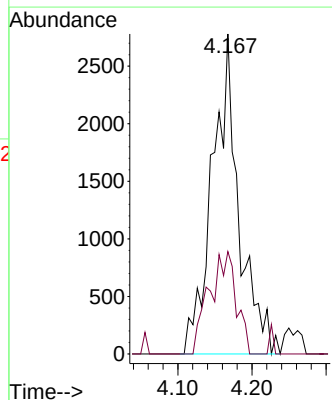
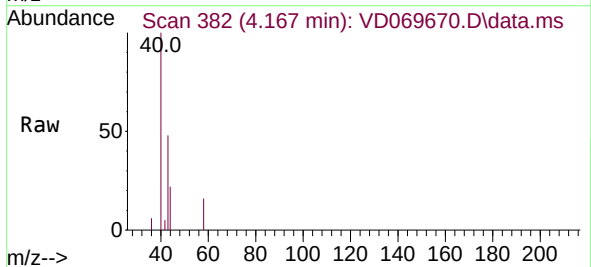
Instrument :
MSVOA_D
ClientSampleId :
VD0713SBL01

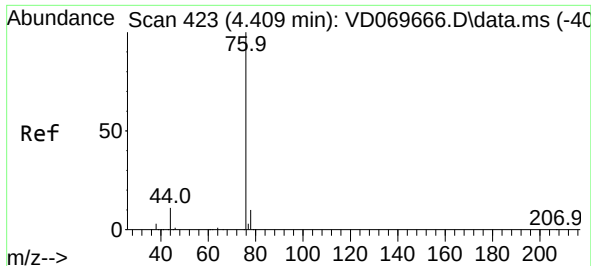
Tgt Ion:168 Resp: 592311
Ion Ratio Lower Upper
168 100
99 66.4 51.8 77.6



#16
Acetone
Concen: 17.159 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

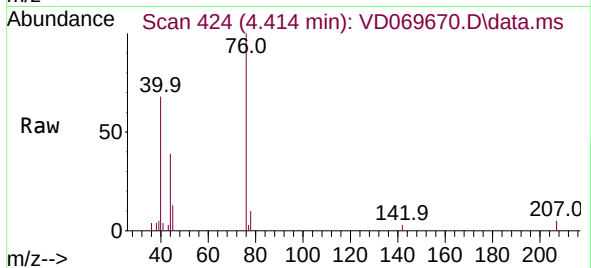
Tgt Ion: 43 Resp: 6939
Ion Ratio Lower Upper
43 100
58 32.0 28.6 42.8



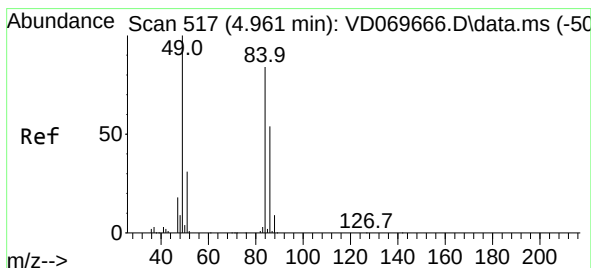
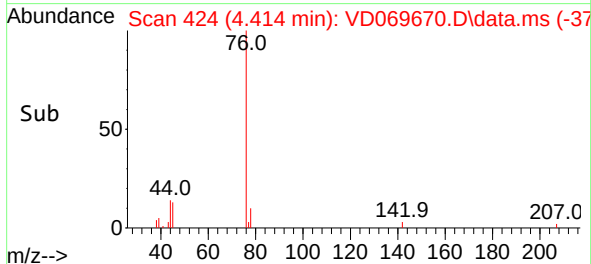
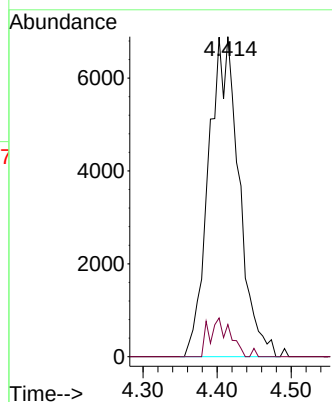


#17
Carbon Disulfide
Concen: 1.292 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0713SBL01

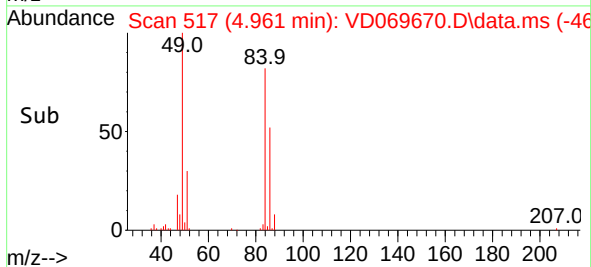
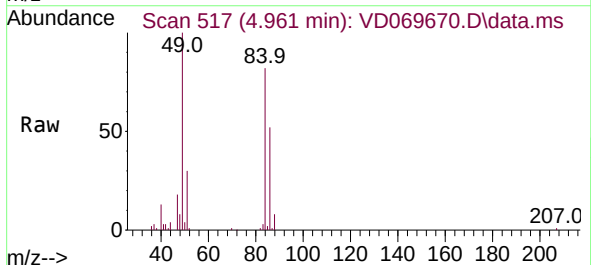
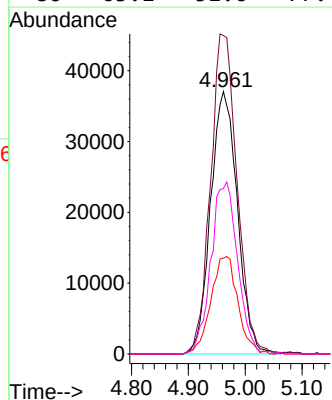


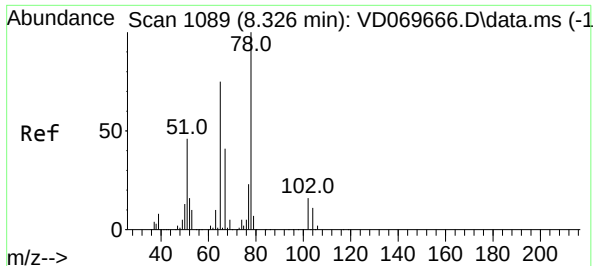
Tgt Ion: 76 Resp: 19695
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4



#20
Methylene Chloride
Concen: 7.290 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

Tgt Ion: 84 Resp: 121355
Ion Ratio Lower Upper
84 100
49 121.3 95.5 143.3
51 36.5 29.7 44.5
86 63.1 51.6 77.4



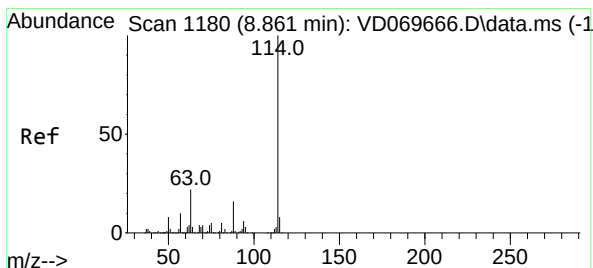
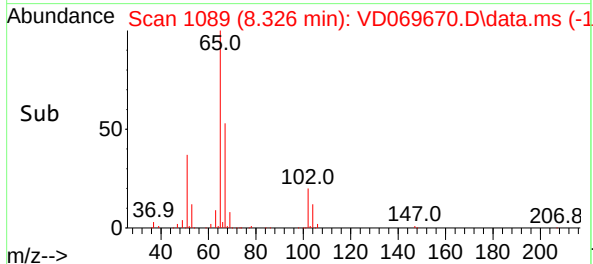
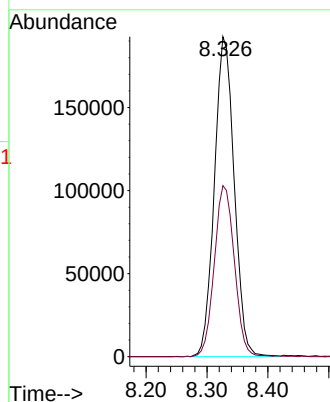
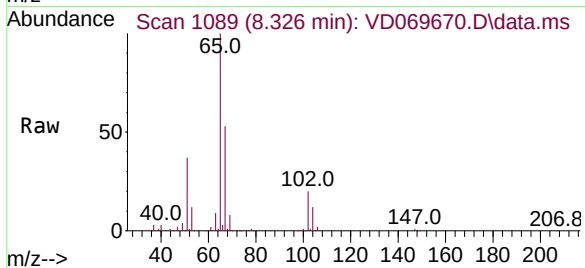


#33

1,2-Dichloroethane-d4
Concen: 58.856 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0713SBL01

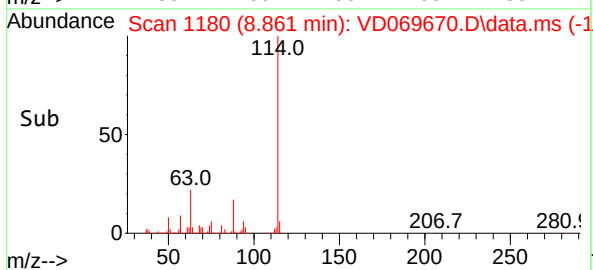
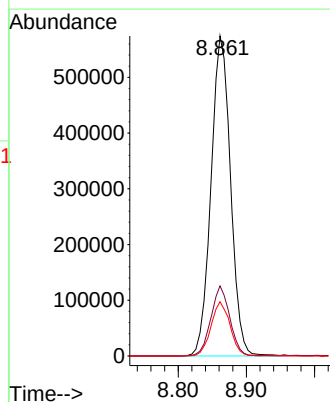
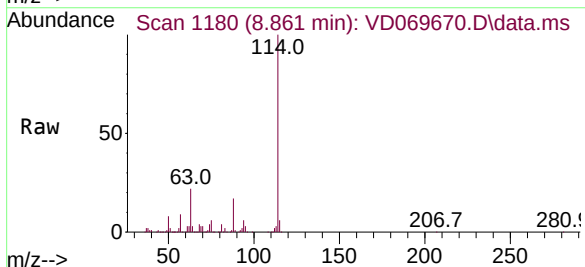
Tgt Ion: 65 Resp: 435287
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2

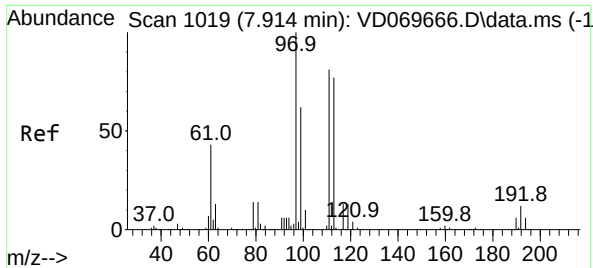


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

Tgt Ion:114 Resp: 1145250
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.4
88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.900 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069670.D

Acq: 13 Jul 2021 15:01

Tgt Ion:113 Resp: 406442

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

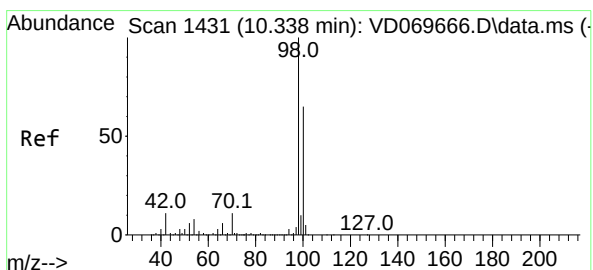
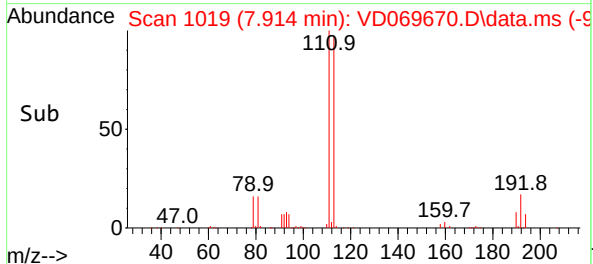
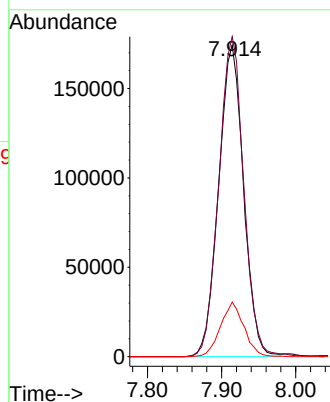
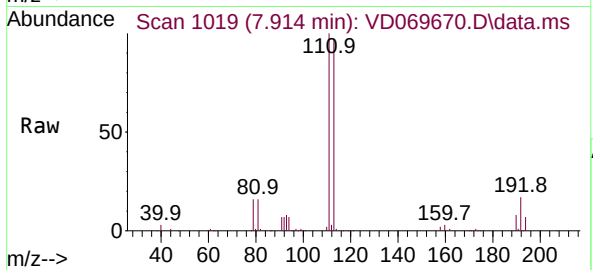
192 16.6 12.7 19.1

Instrument :

MSVOA_D

ClientSampleId :

VD0713SBL01



#50

Toluene-d8

Concen: 51.705 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069670.D

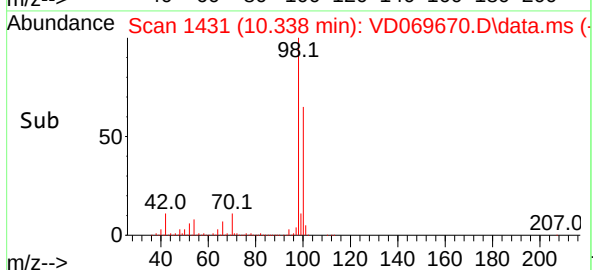
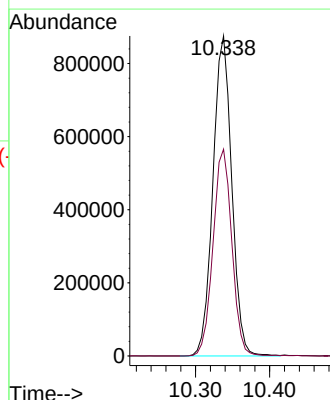
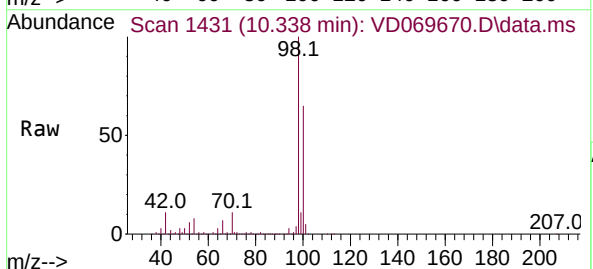
Acq: 13 Jul 2021 15:01

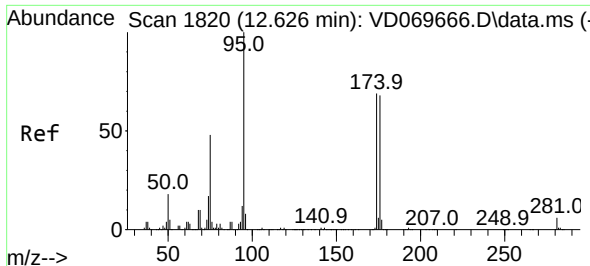
Tgt Ion: 98 Resp: 1543380

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2

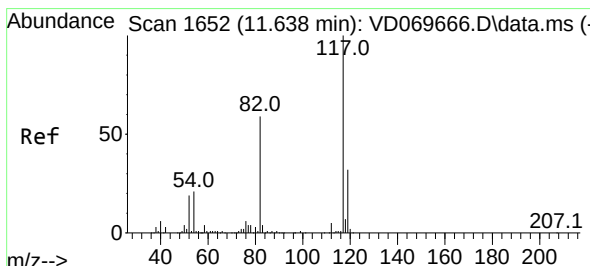
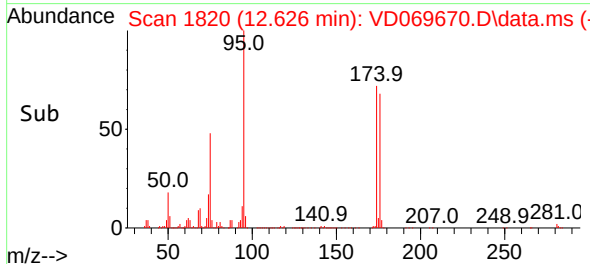
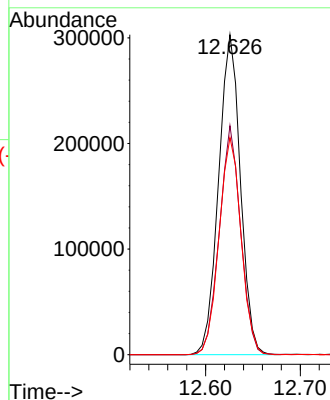
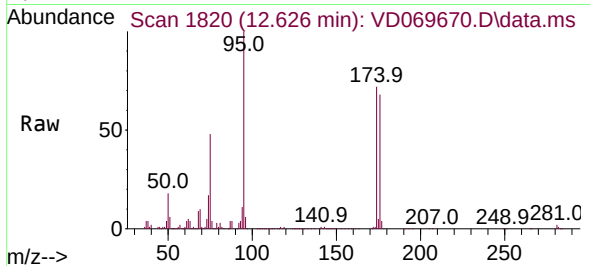




#62
4-Bromofluorobenzene
Concen: 48.750 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

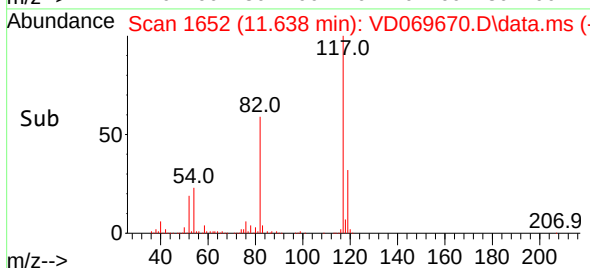
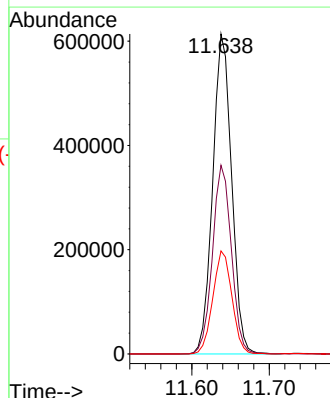
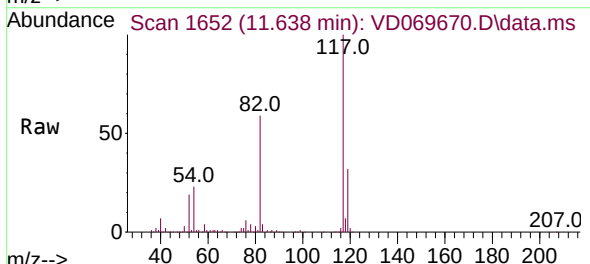
Instrument :
MSVOA_D
ClientSampleId :
VD0713SBL01

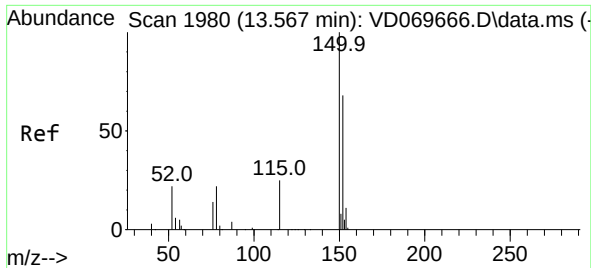
Tgt Ion: 95 Resp: 485307
Ion Ratio Lower Upper
95 100
174 69.9 0.0 140.0
176 68.5 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069670.D
Acq: 13 Jul 2021 15:01

Tgt Ion: 117 Resp: 1038642
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.2 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: VD069670.D
 Acq: 13 Jul 2021 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0713SBL01

Tgt Ion:152 Resp: 431774

Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.7	95.1
150	159.6	0.0	350.4

