

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069939.D
 Acq On : 30 Jul 2021 16:25
 Operator : VA/SY
 Sample : M3241-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210583-COM-6

Quant Time: Jul 31 00:38:47 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)

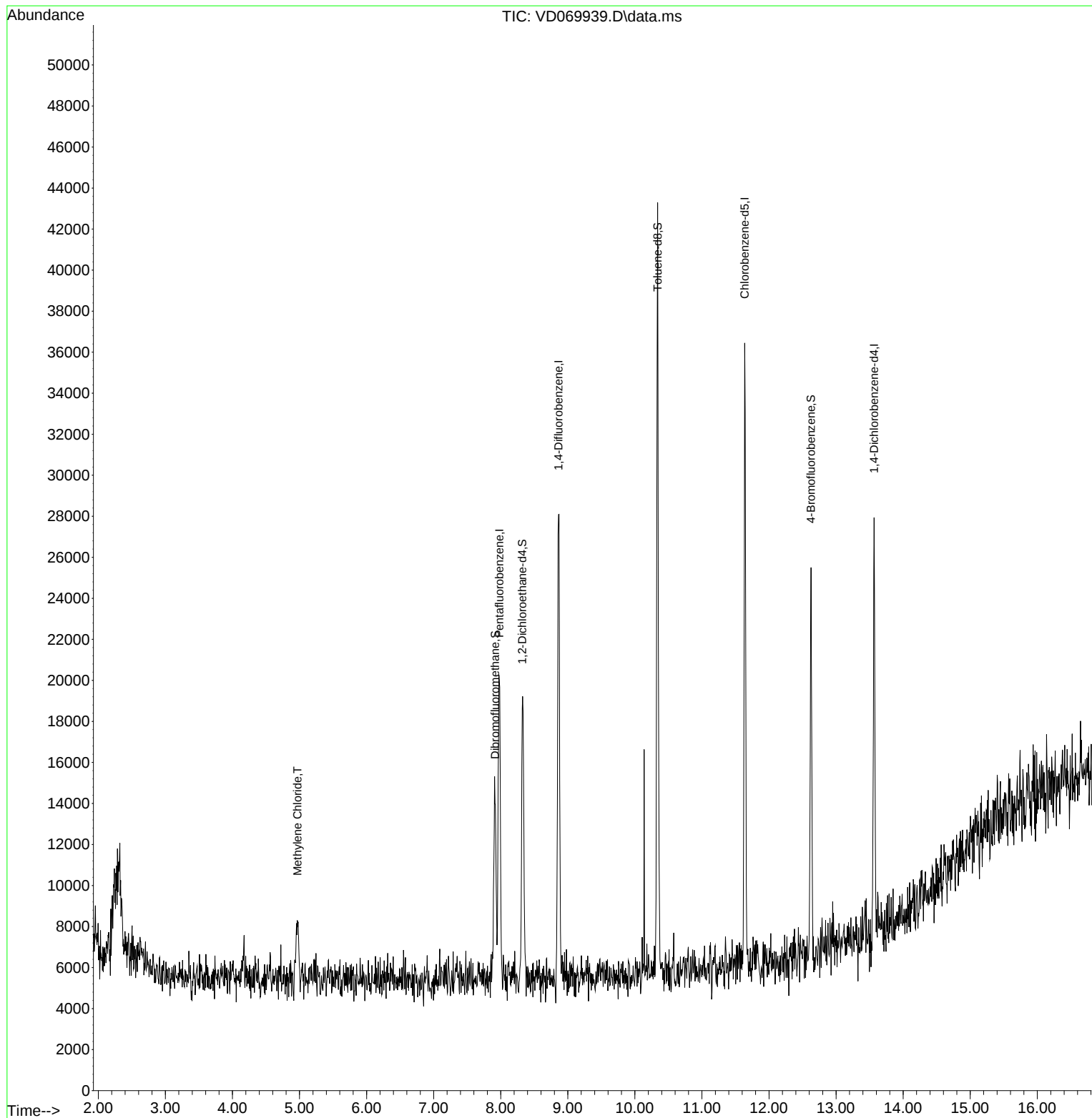
Internal Standards						
1) Pentafluorobenzene	7.979	168	11713	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	20990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11384	84.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.020%#	
35) Dibromofluoromethane	7.914	113	7526	56.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.760%	
50) Toluene-d8	10.338	98	23487	46.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.060%	
62) 4-Bromofluorobenzene	12.626	95	6240	36.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.180%	
Target Compounds						Qvalue
20) Methylene Chloride	4.968	84	2399	8.347	ug/l	# 84

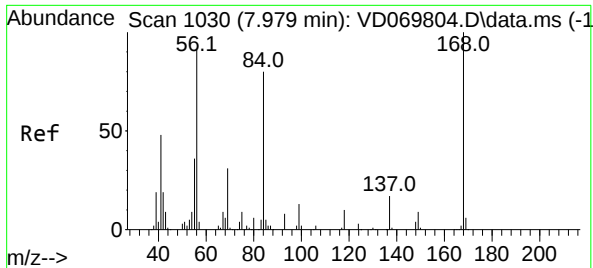
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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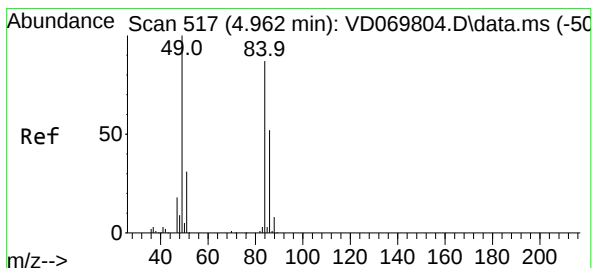
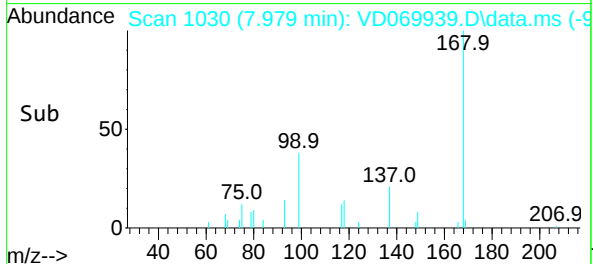
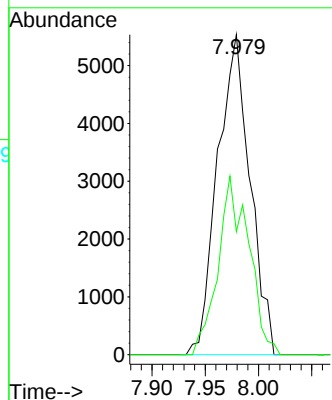
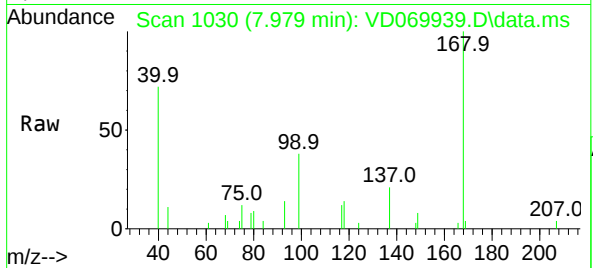




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

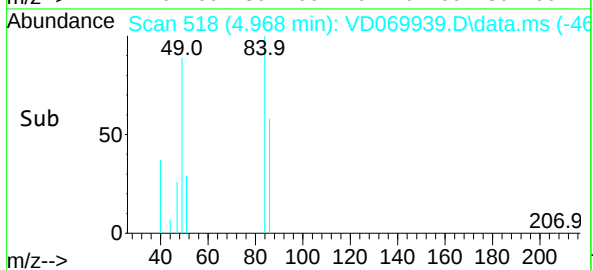
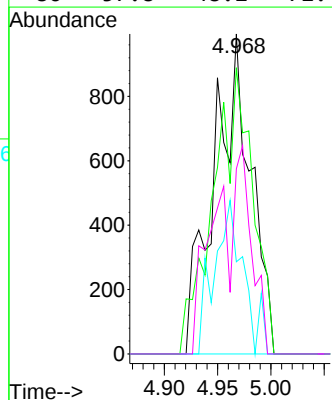
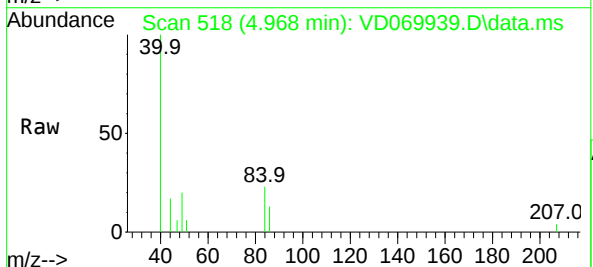
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

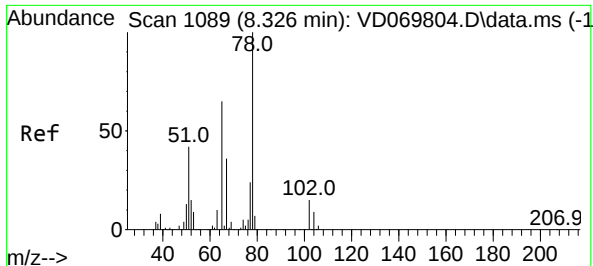
Tgt Ion:168 Resp: 11713
Ion Ratio Lower Upper
168 100
99 38.4 51.1 76.7#



#20
Methylene Chloride
Concen: 8.347 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion: 84 Resp: 2399
Ion Ratio Lower Upper
84 100
49 89.4 92.4 138.6#
51 28.8 28.5 42.7
86 57.8 48.2 72.4

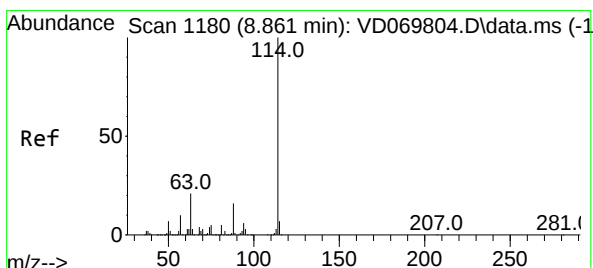
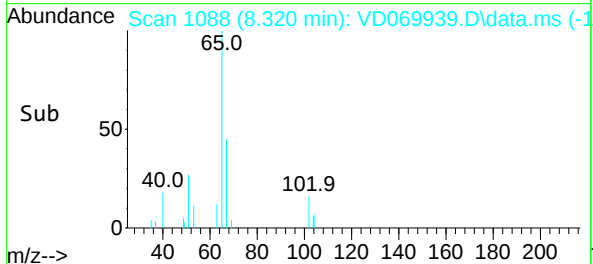
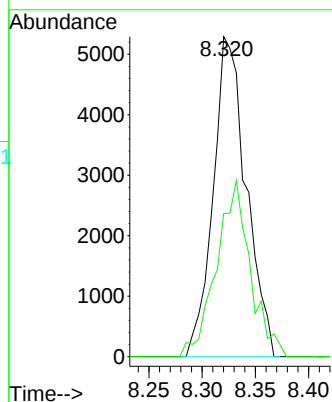
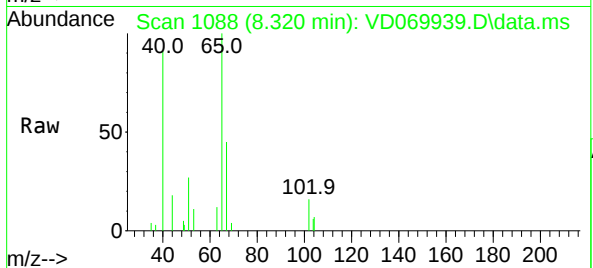




#33
1,2-Dichloroethane-d4
Concen: 84.507 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

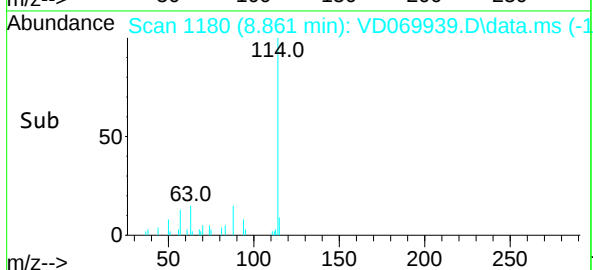
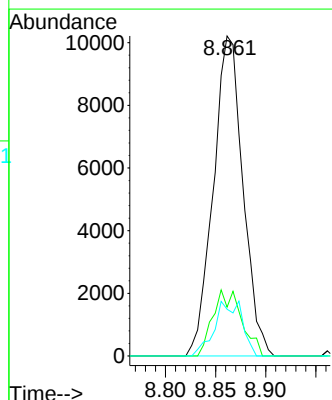
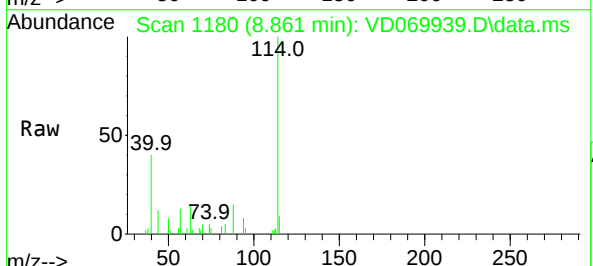
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

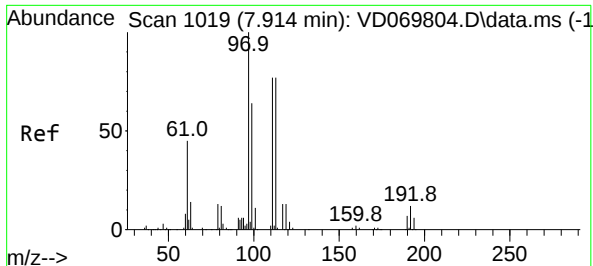
Tgt Ion: 65 Resp: 11384
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion: 114 Resp: 20990
Ion Ratio Lower Upper
114 100
63 15.2 0.0 41.6
88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.877 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069939.D

Acq: 30 Jul 2021 16:25

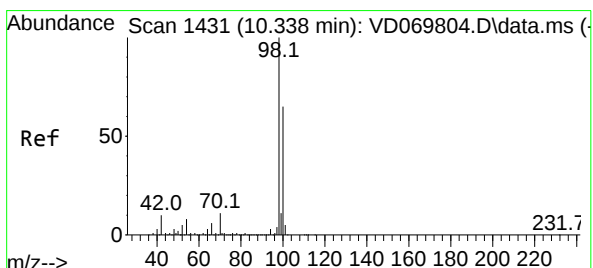
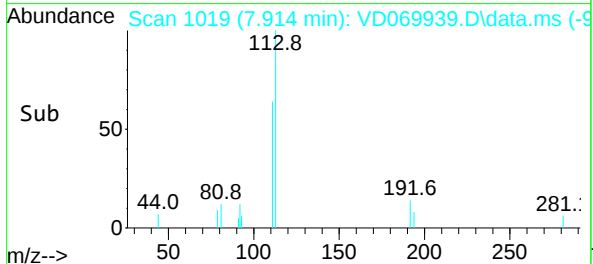
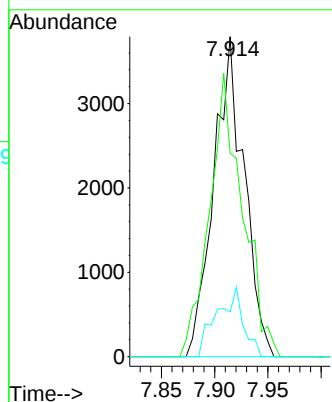
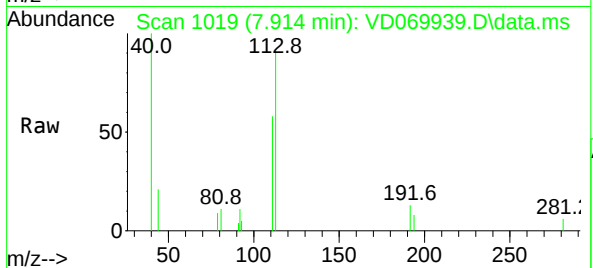
Instrument :

MSVOA_D

ClientSampleId :

20210583-COM-6

Tgt Ion:	113	Resp:	7526
Ion	Ratio	Lower	Upper
113	100		
111	96.0	80.5	120.7
192	18.9	12.6	19.0



#50

Toluene-d8

Concen: 46.033 ug/l

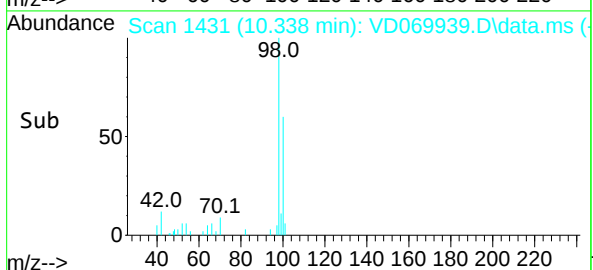
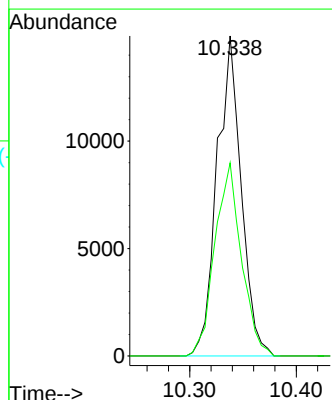
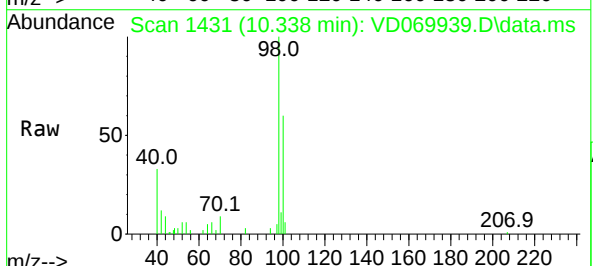
RT: 10.338 min Scan# 1431

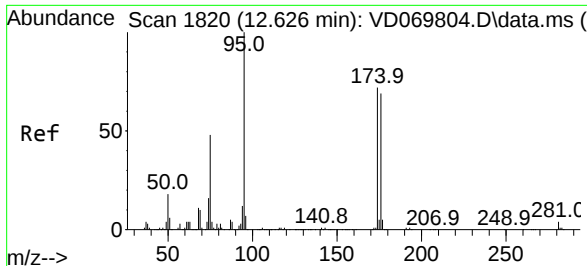
Delta R.T. -0.000 min

Lab File: VD069939.D

Acq: 30 Jul 2021 16:25

Tgt Ion:	98	Resp:	23487
Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9

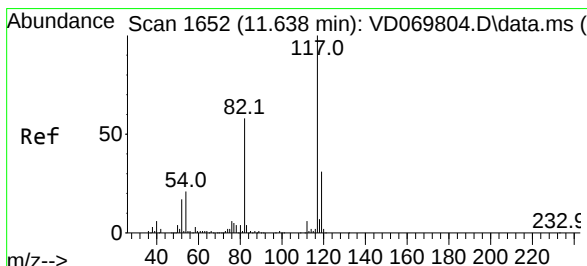
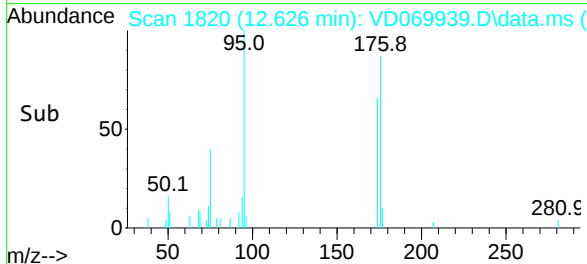
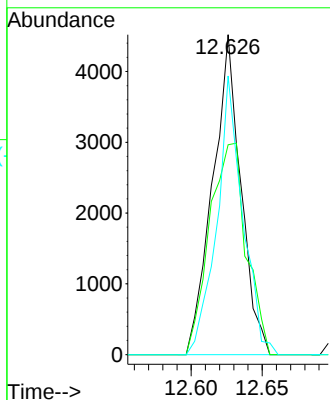
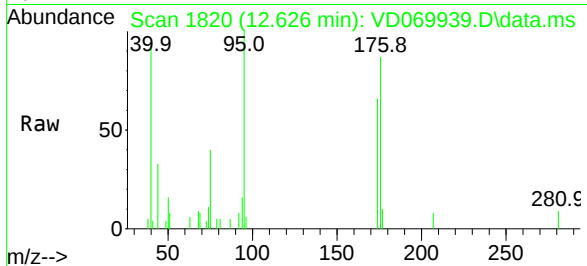




#62
4-Bromofluorobenzene
Concen: 36.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

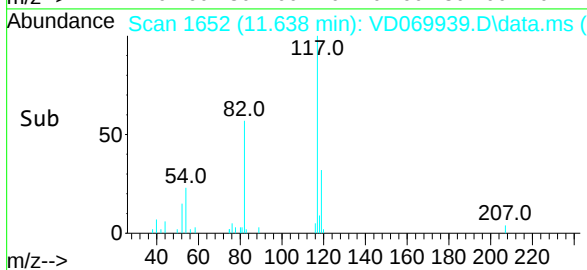
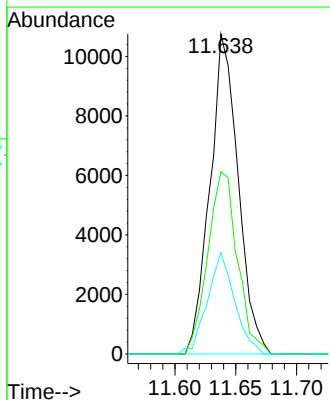
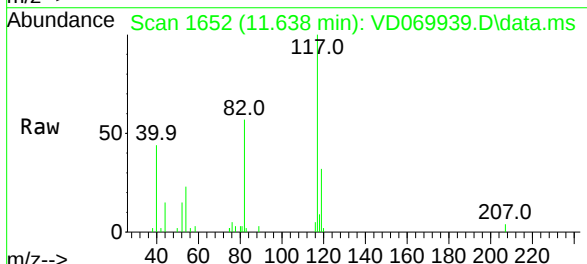
Instrument :
MSVOA_D
ClientSampleId :
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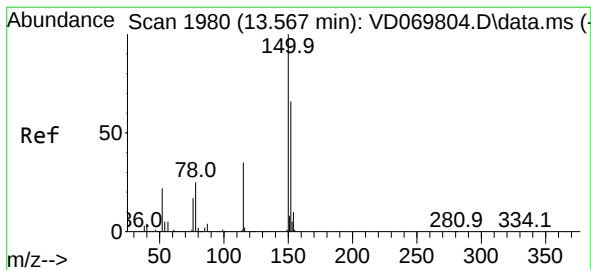
Tgt Ion:	95	Resp:	6240
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	142.6
176	79.9	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

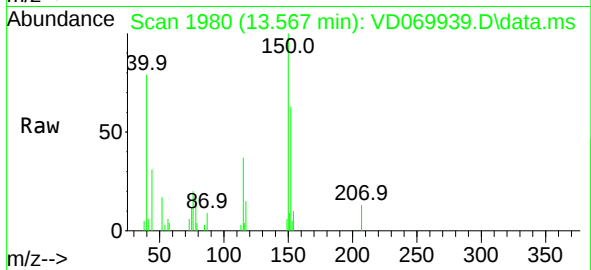
Tgt Ion:	117	Resp:	17342
Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.3	69.5
119	31.6	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069939.D
 Acq: 30 Jul 2021 16:25

Instrument :
 MSVOA_D
 ClientSampleId :
 20210583-COM-6



Tgt Ion:	152	Resp:	5531
Ion	Ratio	Lower	Upper
152	100		
115	55.1	31.1	93.3
150	172.7	0.0	343.0

