

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070325.D
 Acq On : 13 Sep 2021 14:32
 Operator : VA/SY
 Sample : M3719-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-091021

Quant Time: Sep 14 00:53:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

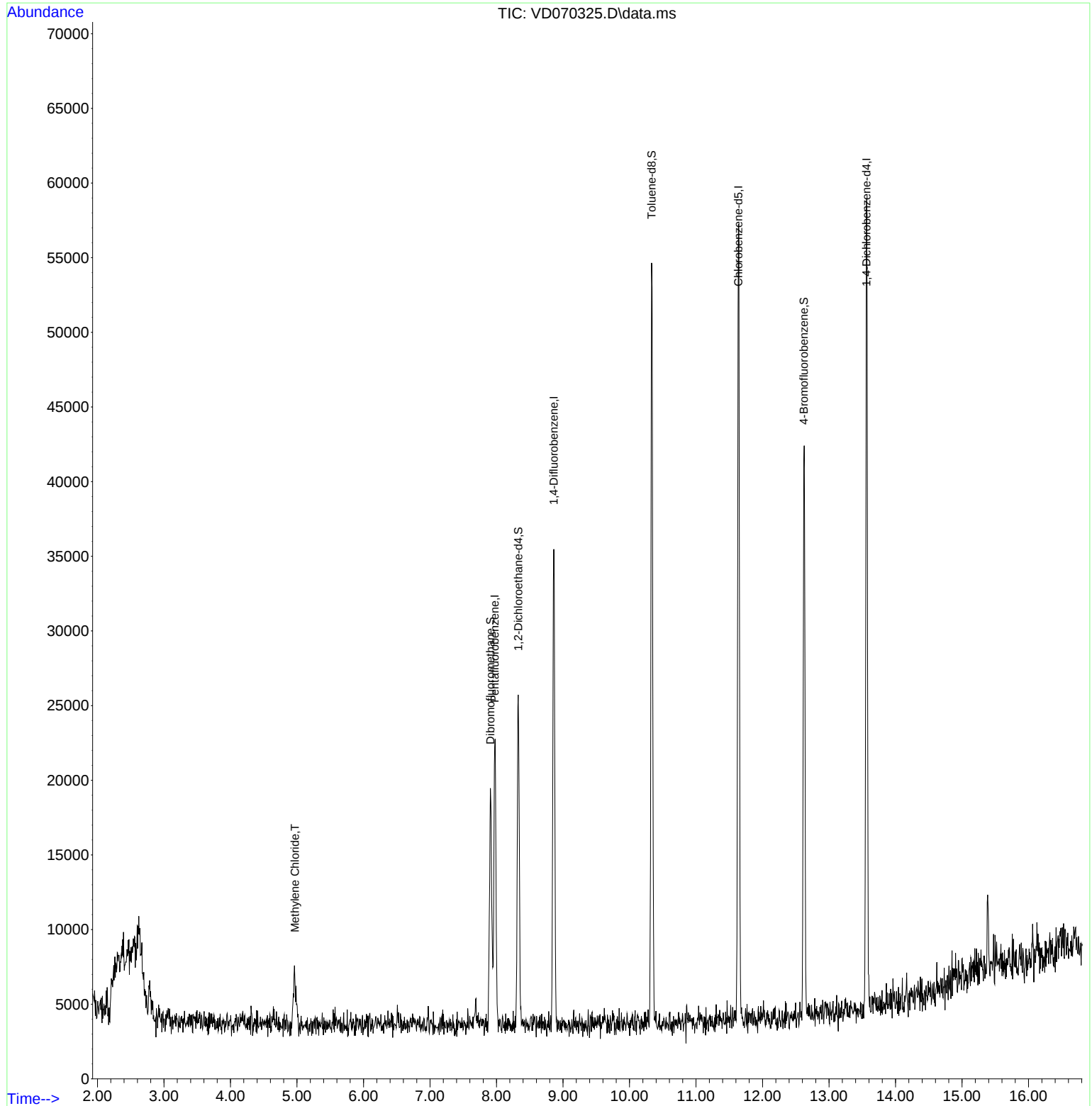
Internal Standards						
1) Pentafluorobenzene	7.973	168	14005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	34499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17014	94.613	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 189.220%#		
35) Dibromofluoromethane	7.909	113	11858	61.581	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 123.160%		
50) Toluene-d8	10.332	98	36832	52.682	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.360%		
62) 4-Bromofluorobenzene	12.620	95	13208	54.056	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.120%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.968	84	3244	10.472	ug/l	# 69

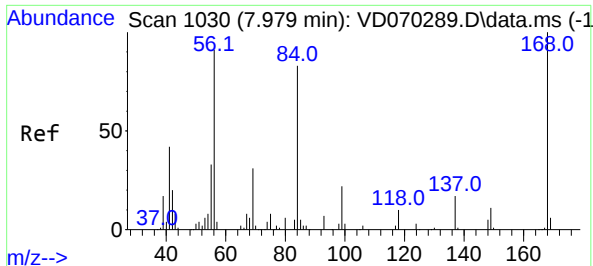
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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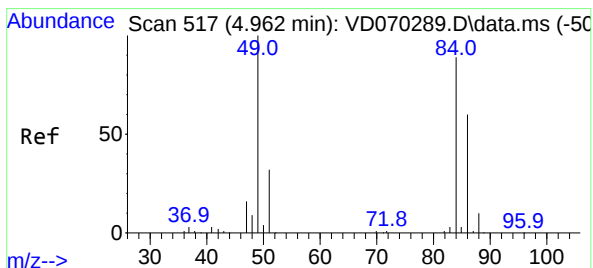
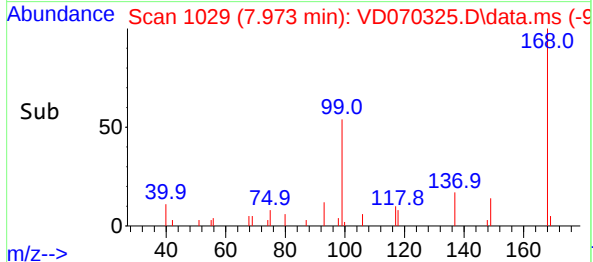
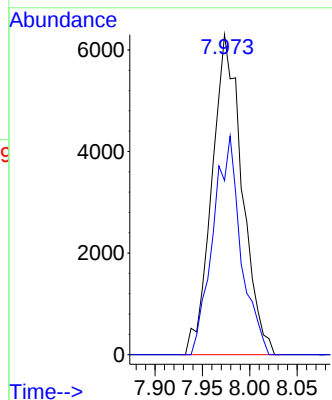
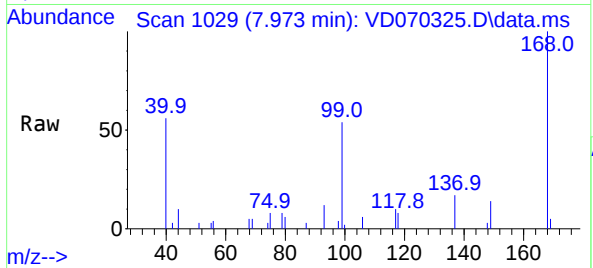




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

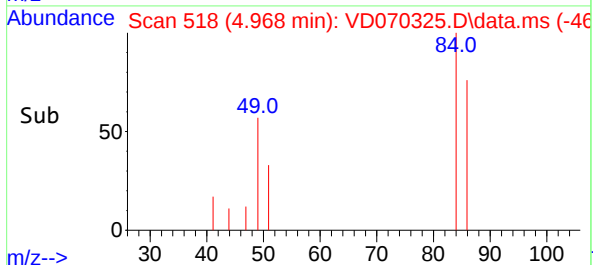
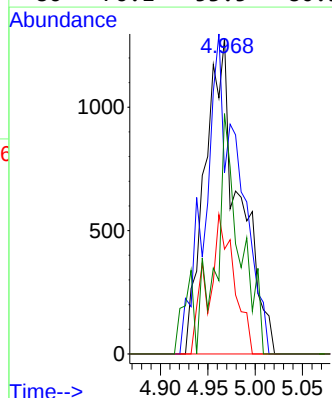
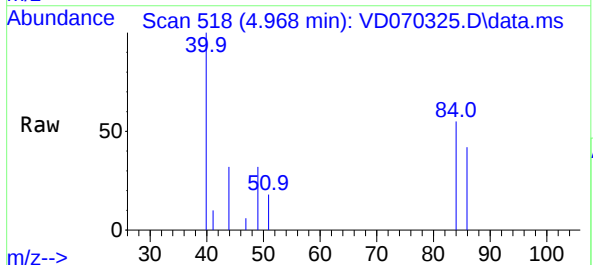
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

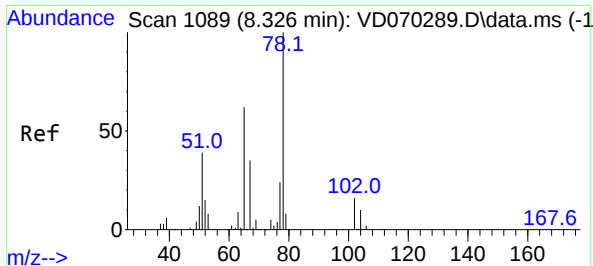
Tgt Ion:168 Resp: 14005
Ion Ratio Lower Upper
168 100
99 54.4 50.8 76.2



#20
Methylene Chloride
Concen: 10.472 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 84 Resp: 3244
Ion Ratio Lower Upper
84 100
49 57.4 89.6 134.4#
51 33.2 28.6 43.0
86 76.1 53.5 80.3



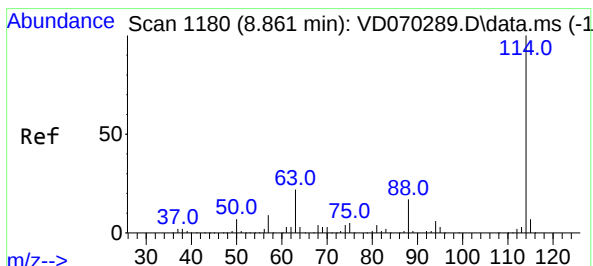
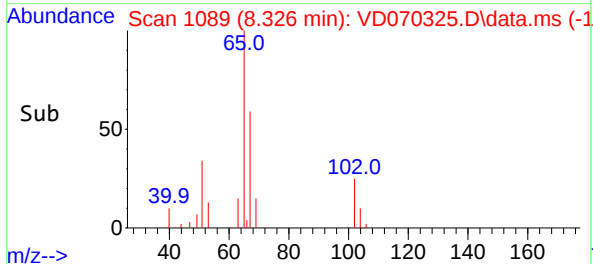
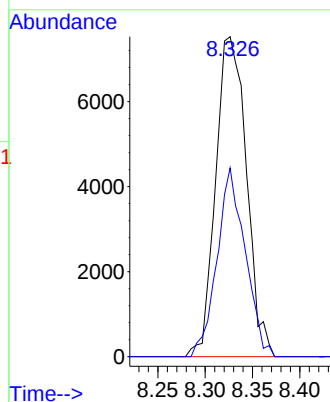
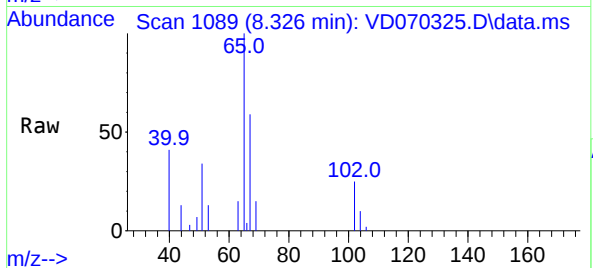


#33

1,2-Dichloroethane-d4
Concen: 94.613 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

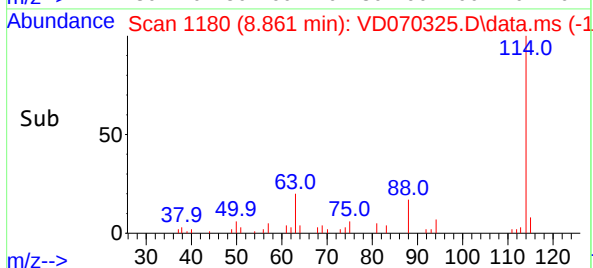
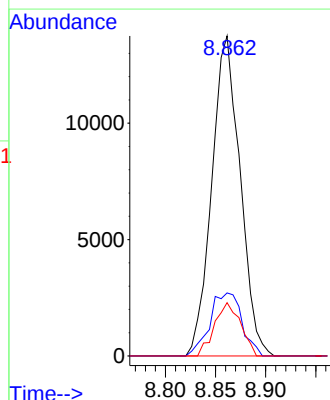
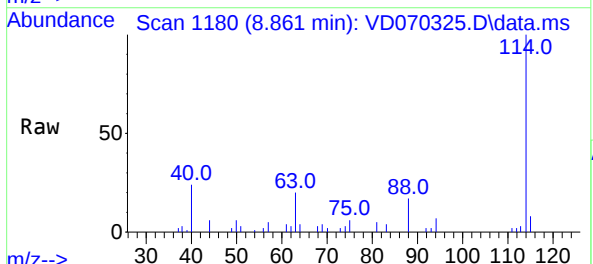
Tgt Ion: 65 Resp: 17014
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4

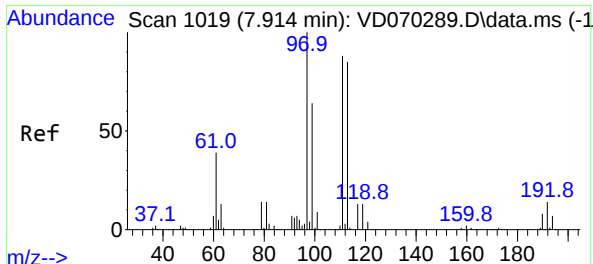


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 114 Resp: 27052
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.4
88 16.6 0.0 33.4



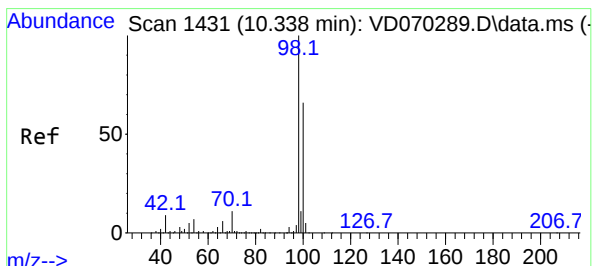
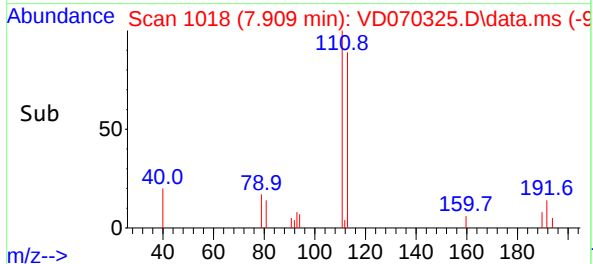
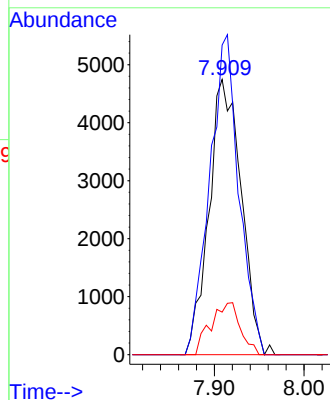
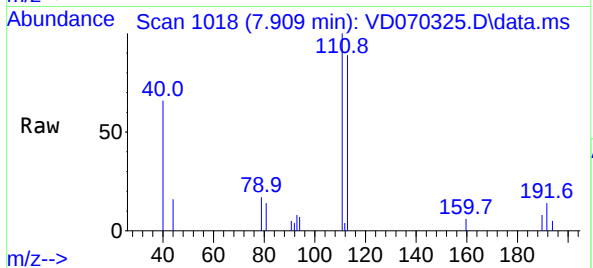


#35
Dibromofluoromethane
Concen: 61.581 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

Tgt Ion:113 Resp: 11858

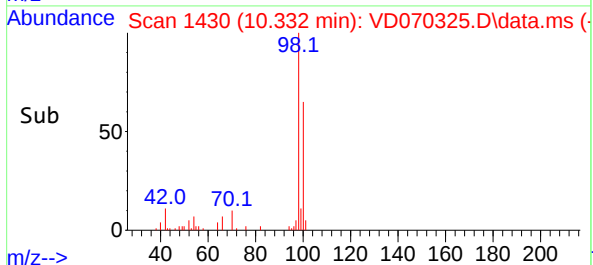
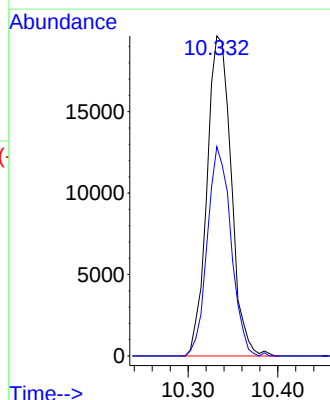
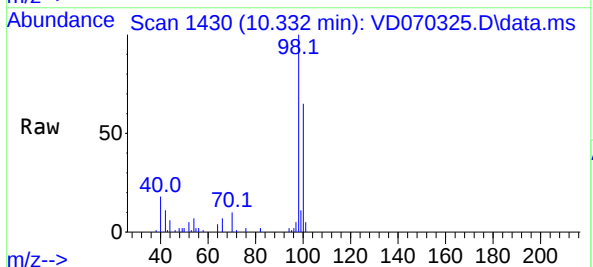
Ion	Ratio	Lower	Upper
113	100		
111	105.4	81.4	122.2
192	17.3	13.0	19.6

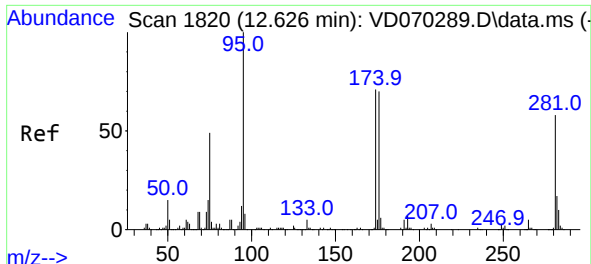


#50
Toluene-d8
Concen: 52.682 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

Tgt Ion: 98 Resp: 36832

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0

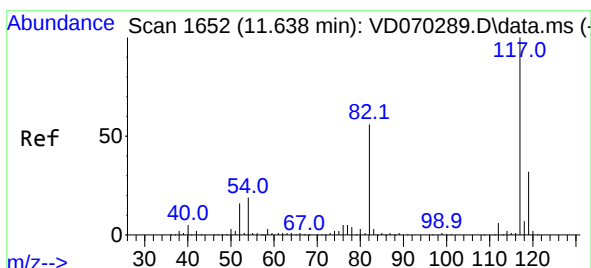
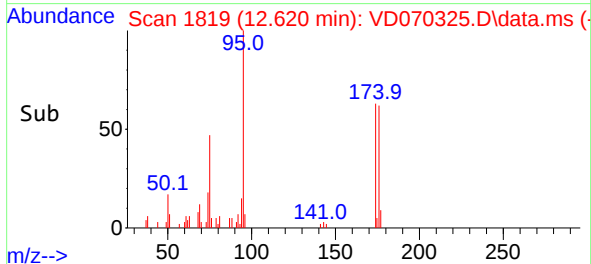
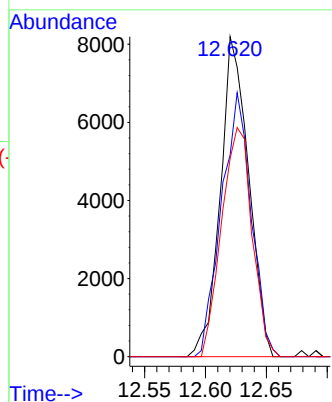
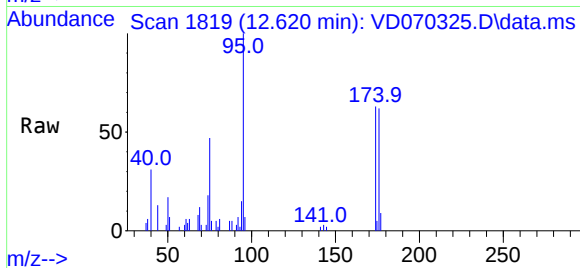




#62
4-Bromofluorobenzene
Concen: 54.056 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

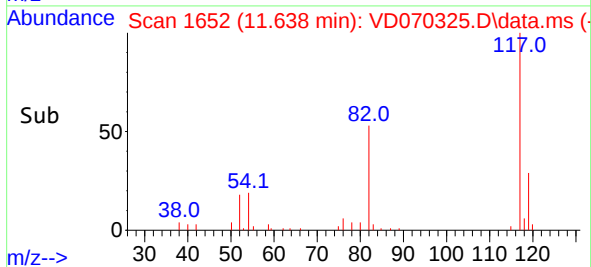
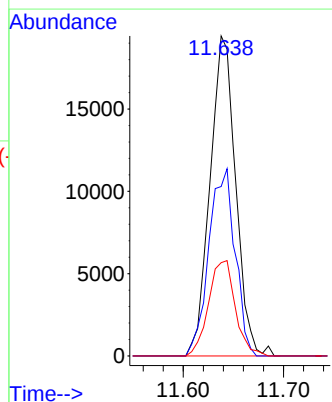
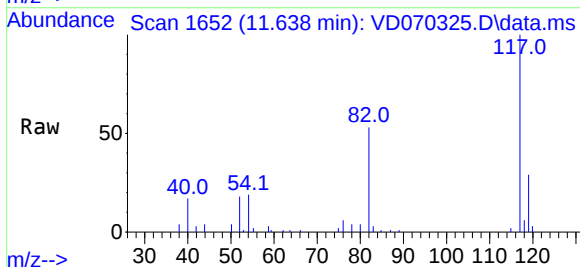
Instrument :
MSVOA_D
ClientSampleId :
SU-04-091021

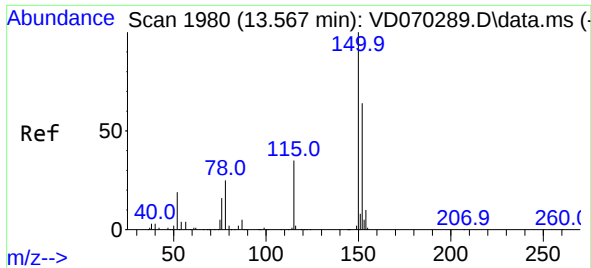
Tgt Ion: 95 Resp: 13208
Ion Ratio Lower Upper
95 100
174 87.1 0.0 140.6
176 77.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070325.D
Acq: 13 Sep 2021 14:32

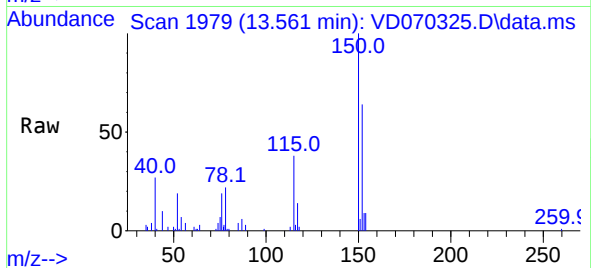
Tgt Ion: 117 Resp: 34499
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 29.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070325.D
 Acq: 13 Sep 2021 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-091021



Tgt Ion:	152	Resp:	14875
Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.1	96.3
150	158.8	0.0	350.6

