

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070229.D
 Acq On : 23 Aug 2021 19:13
 Operator : VA/SY
 Sample : M3510-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-082021

Quant Time: Aug 24 01:32:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

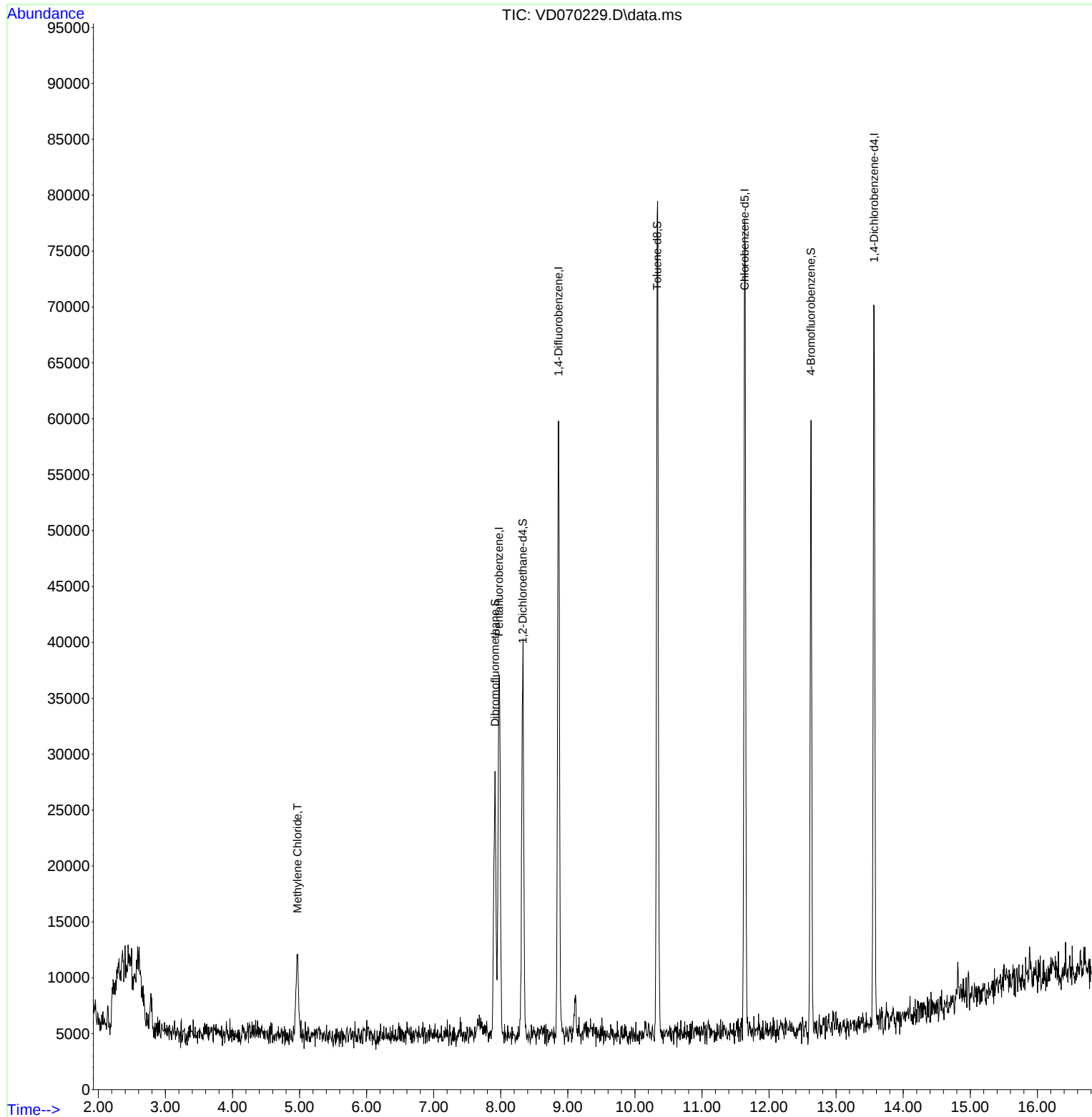
Internal Standards						
1) Pentafluorobenzene	7.973	168	25133	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	48765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	44222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	18768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25396	85.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.820%#	
35) Dibromofluoromethane	7.914	113	17095	54.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.520%	
50) Toluene-d8	10.332	98	51858	42.320	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.640%	
62) 4-Bromofluorobenzene	12.626	95	18304	45.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.700%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.967	84	5594	8.270	ug/l	# 77

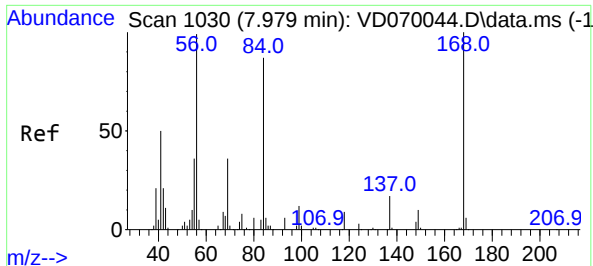
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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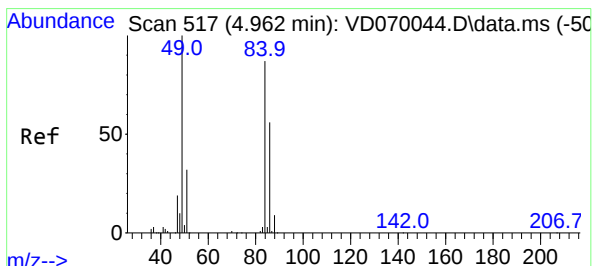
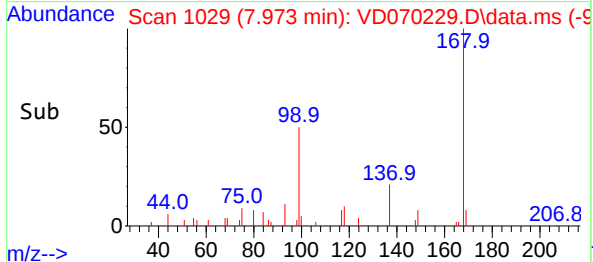
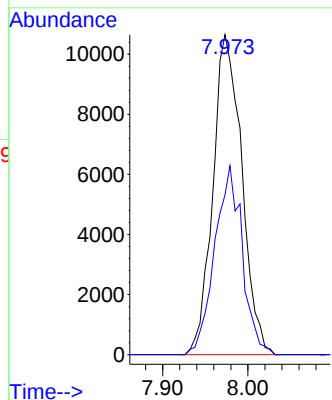
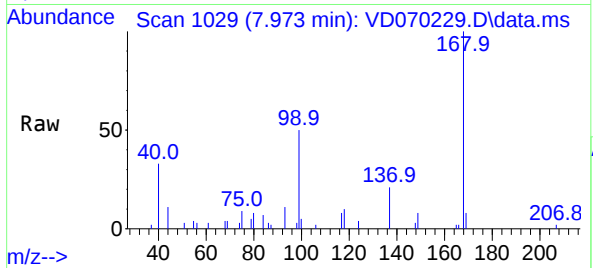




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

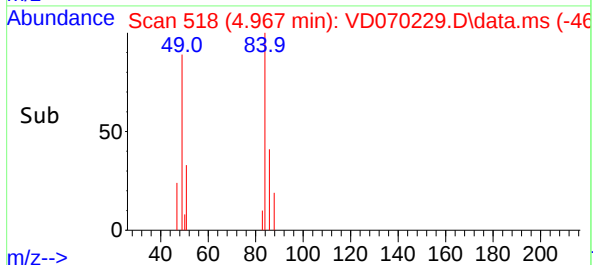
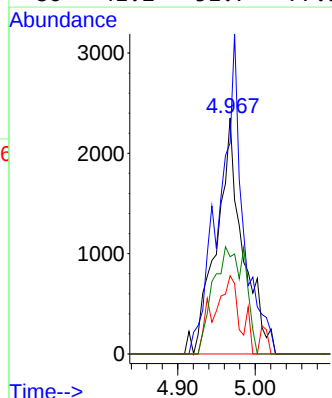
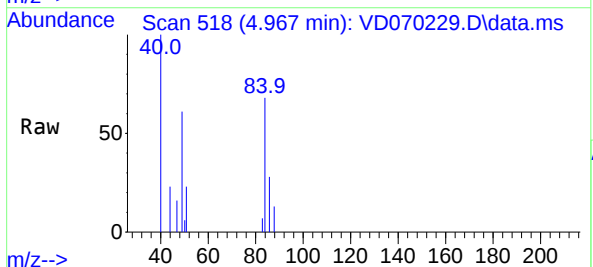
Instrument :
MSVOA_D
ClientSampleId :
SU-03-082021

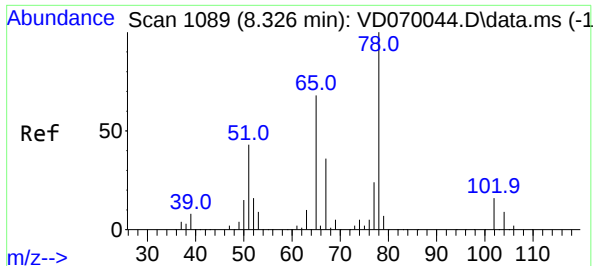
Tgt Ion:168 Resp: 25133
Ion Ratio Lower Upper
168 100
99 49.9 50.3 75.5#



#20
Methylene Chloride
Concen: 8.270 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

Tgt Ion: 84 Resp: 5594
Ion Ratio Lower Upper
84 100
49 89.4 92.5 138.7#
51 33.1 29.7 44.5
86 41.2 51.7 77.5#



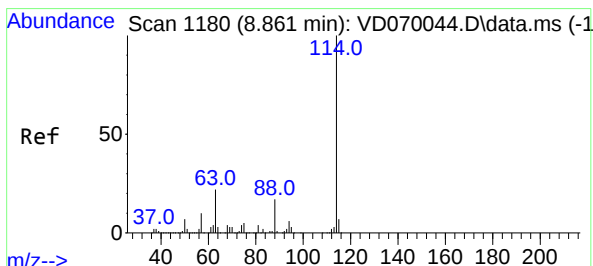
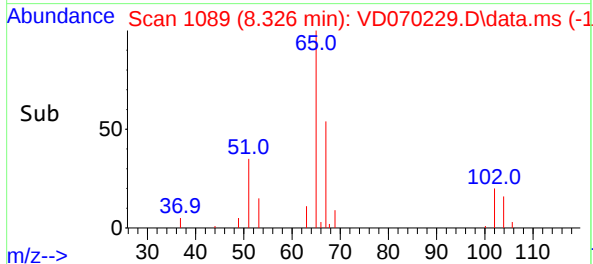
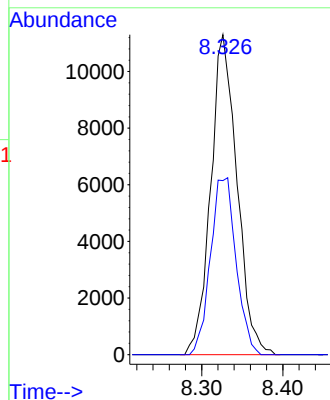
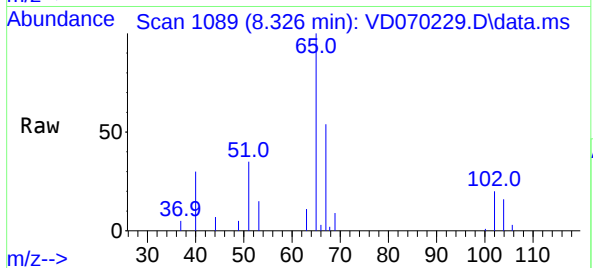


#33

1,2-Dichloroethane-d4
Concen: 85.912 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

Instrument :
MSVOA_D
ClientSampleId :
SU-03-082021

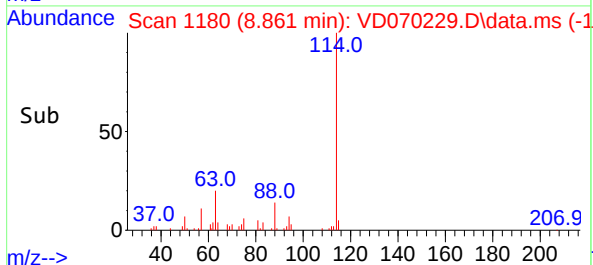
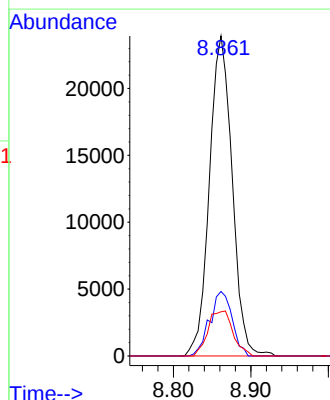
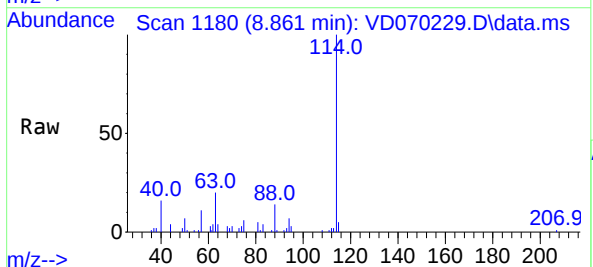
Tgt Ion: 65 Resp: 25396
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8

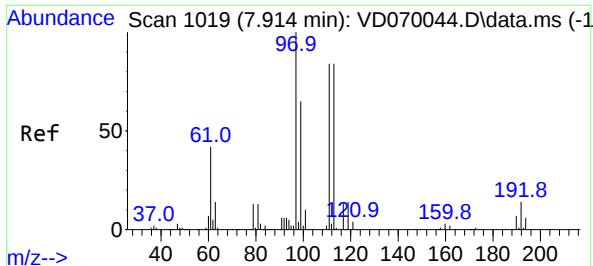


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

Tgt Ion: 114 Resp: 48765
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.6
88 13.8 0.0 33.4



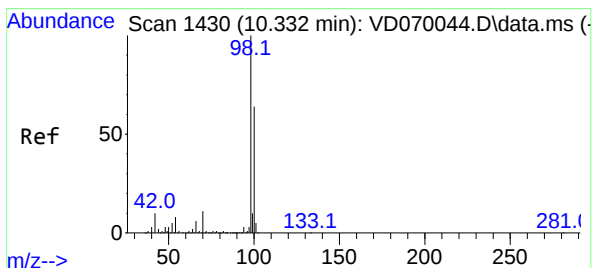
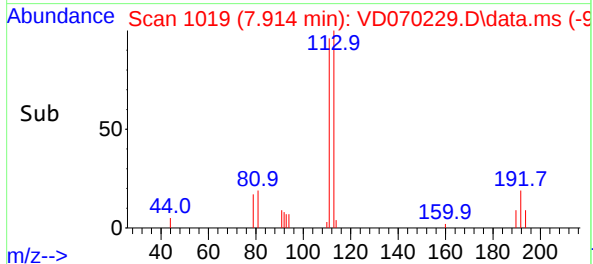
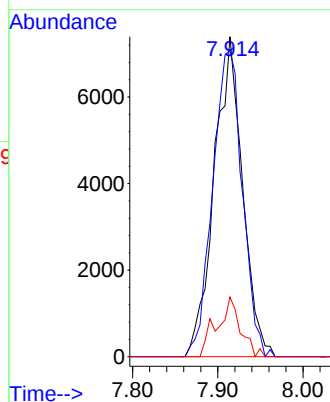
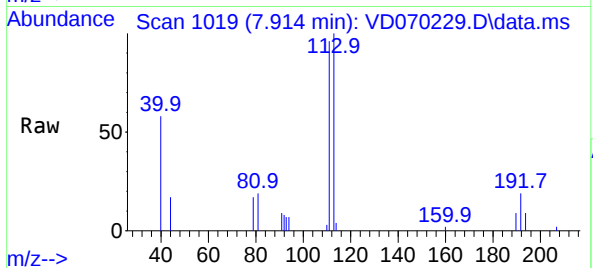


#35

Dibromofluoromethane
Concen: 54.261 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

Instrument :
MSVOA_D
ClientSampleId :
SU-03-082021

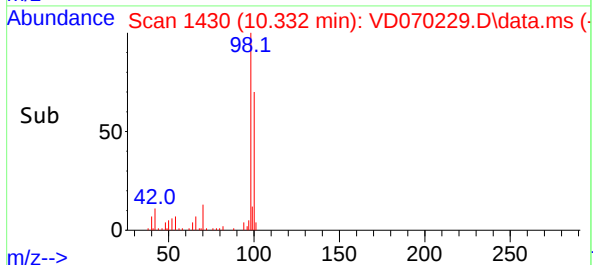
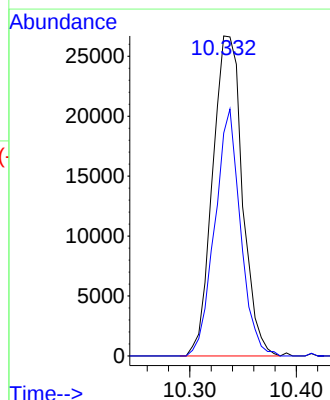
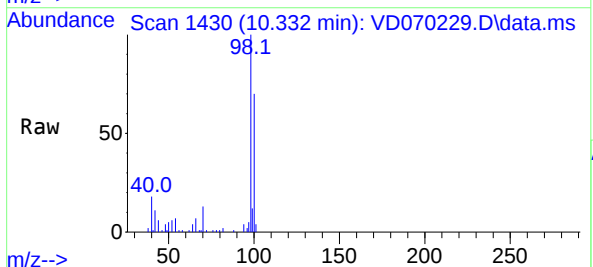
Tgt Ion:	113	Resp:	17095
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.8	122.6
192	15.4	13.2	19.8

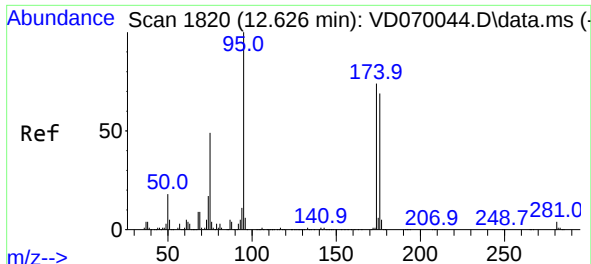


#50

Toluene-d8
Concen: 42.320 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

Tgt Ion:	98	Resp:	51858
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	78.8

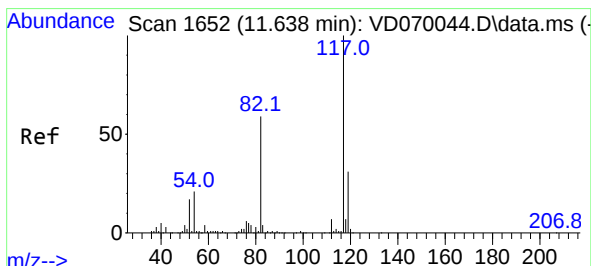
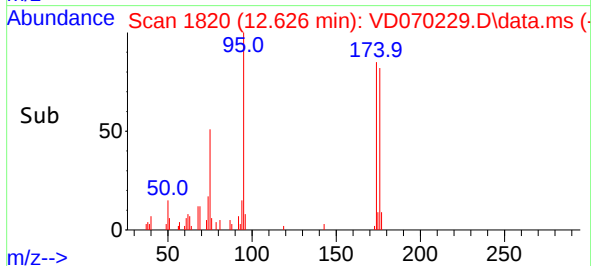
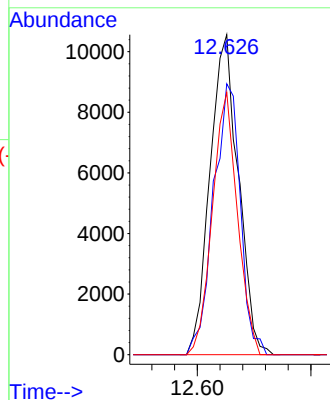
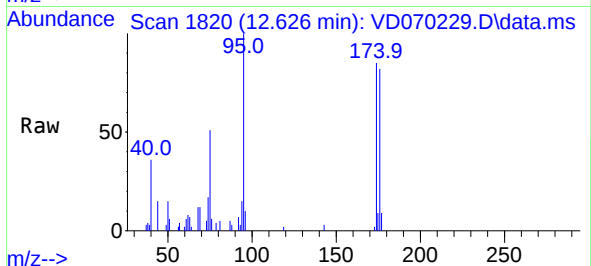




#62
4-Bromofluorobenzene
Concen: 45.351 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

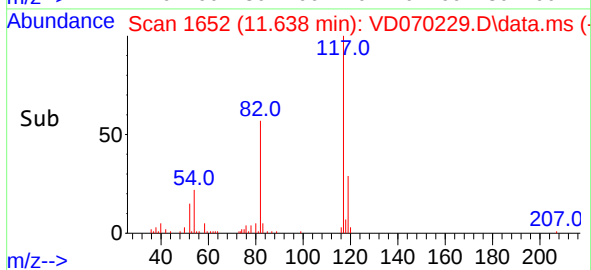
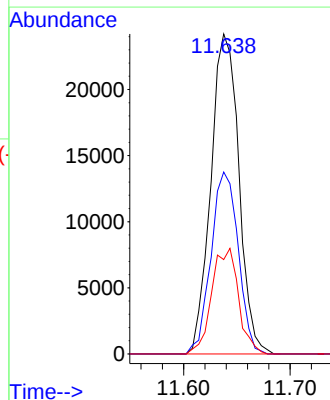
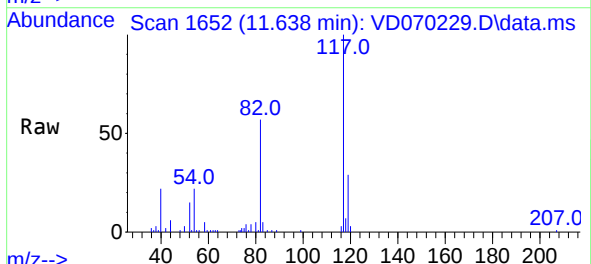
Instrument :
MSVOA_D
ClientSampleId :
SU-03-082021

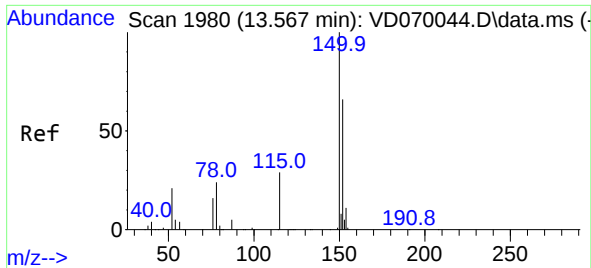
Tgt Ion:	95	Resp:	18304
Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	141.6
176	72.7	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070229.D
Acq: 23 Aug 2021 19:13

Tgt Ion:	117	Resp:	44222
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.5	71.3
119	29.5	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070229.D
 Acq: 23 Aug 2021 19:13

Instrument :
 MSVOA_D
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Tgt Ion:152 Resp: 18768
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.2 93.6
 150 149.2 0.0 352.0

