

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070228.D
 Acq On : 23 Aug 2021 18:44
 Operator : VA/SY
 Sample : M3510-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-082021

Quant Time: Aug 24 01:32:27 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)

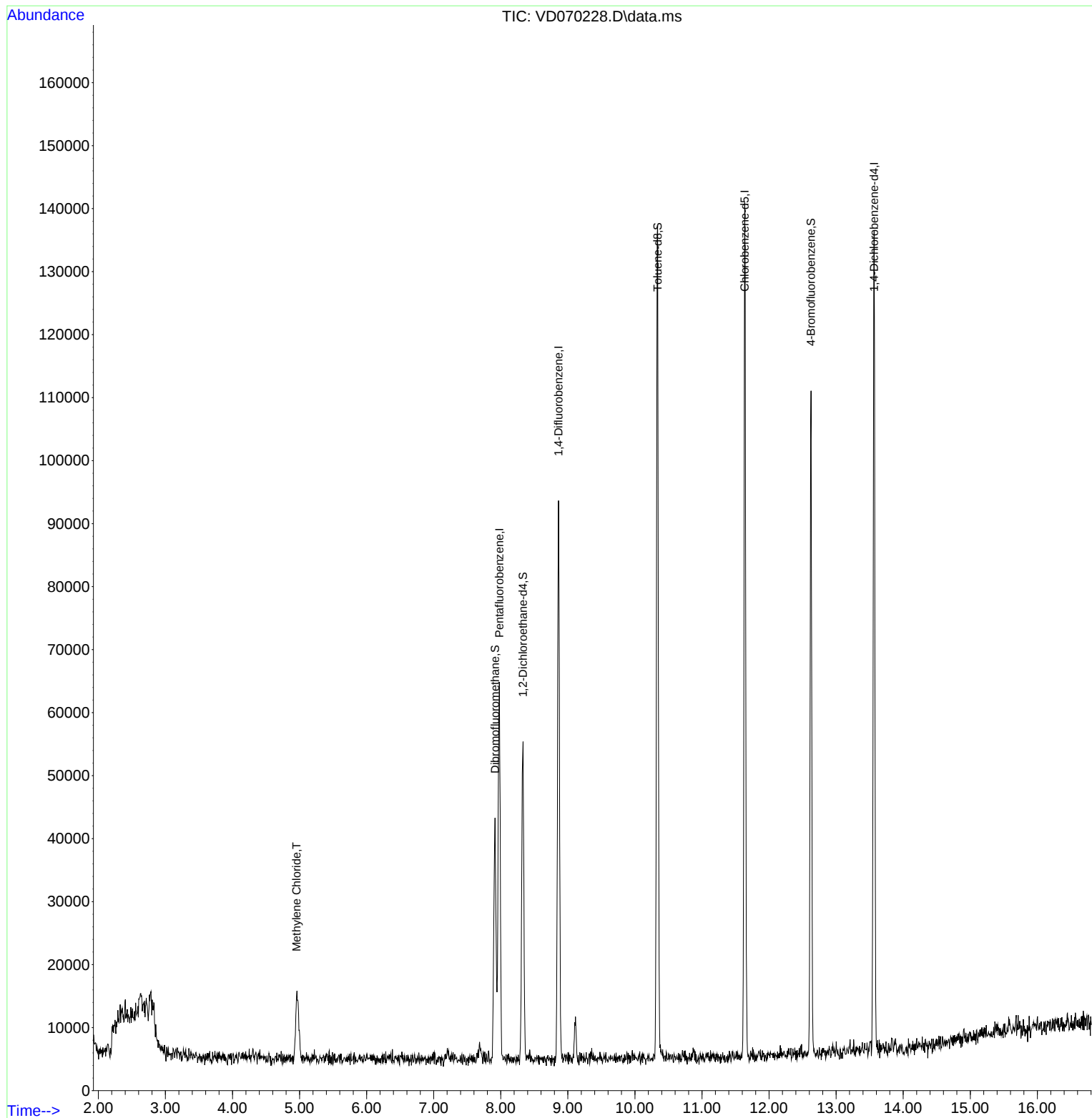
Internal Standards						
1) Pentafluorobenzene	7.979	168	40619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	73948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	77822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	37933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	39307	82.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.560%#	
35) Dibromofluoromethane	7.914	113	27460	57.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.960%	
50) Toluene-d8	10.338	98	94531	50.873	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.626	95	36471	59.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.180%	
Target Compounds						Qvalue
20) Methylene Chloride	4.956	84	8692	7.575	ug/l	# 95

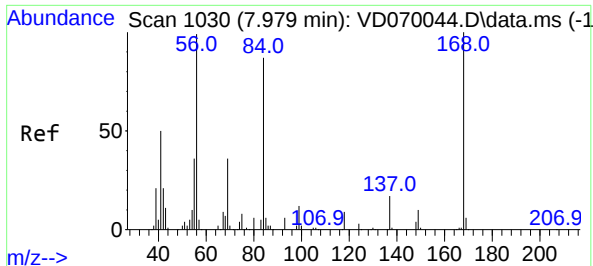
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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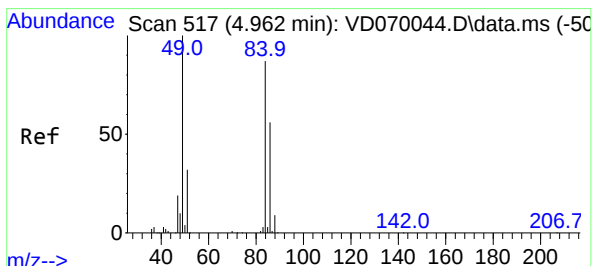
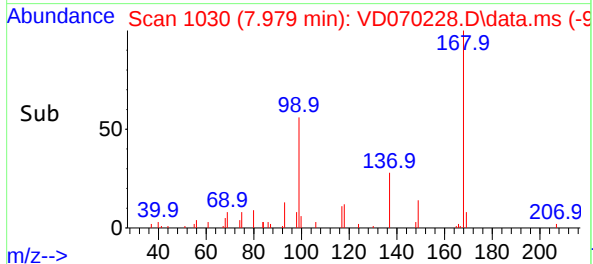
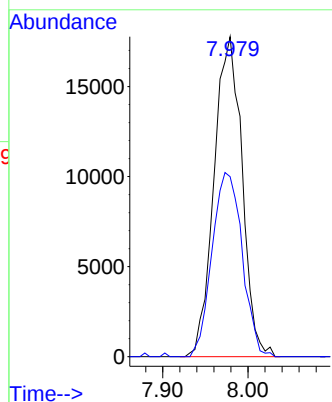
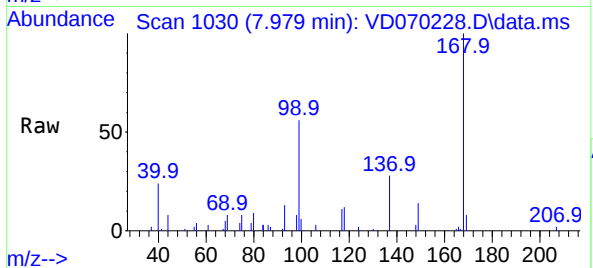




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

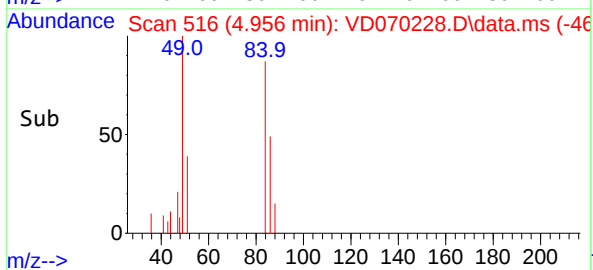
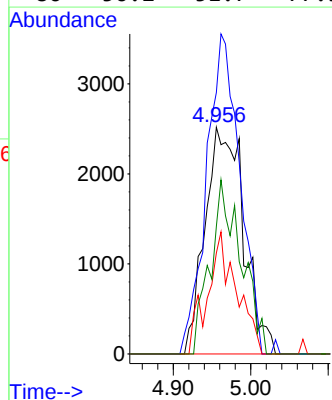
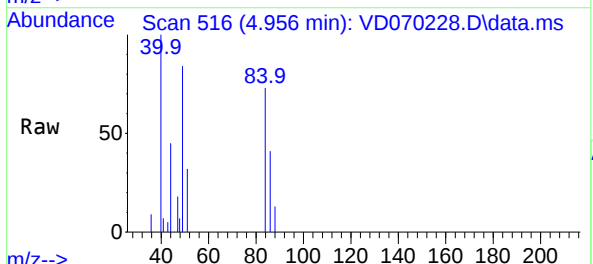
Instrument :
MSVOA_D
ClientSampleId :
SU-02-082021

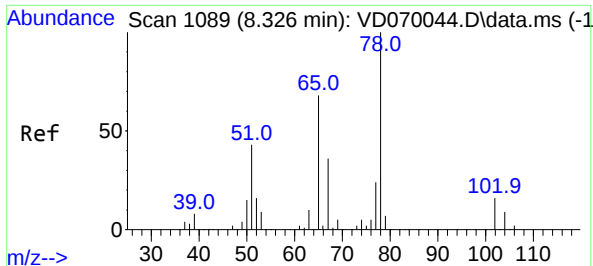
Tgt Ion:168 Resp: 40619
Ion Ratio Lower Upper
168 100
99 56.3 50.3 75.5



#20
Methylene Chloride
Concen: 7.575 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

Tgt Ion: 84 Resp: 8692
Ion Ratio Lower Upper
84 100
49 115.3 92.5 138.7
51 44.5 29.7 44.5#
86 56.2 51.7 77.5

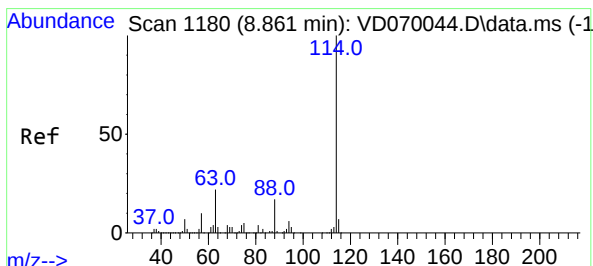
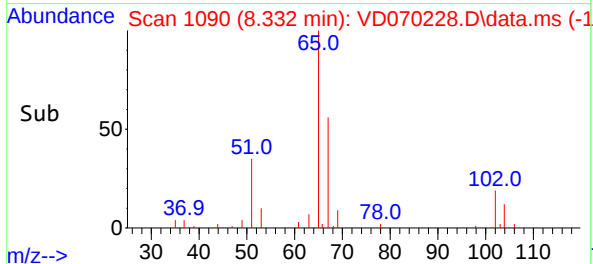
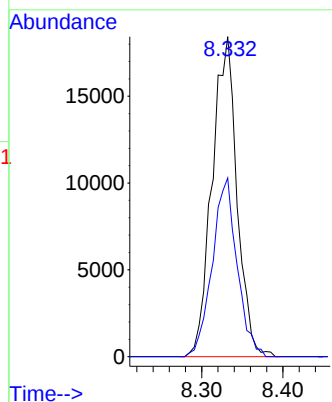
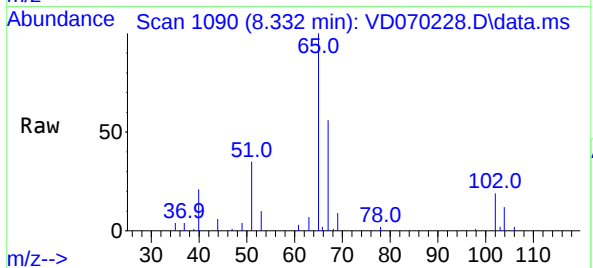




#33
1,2-Dichloroethane-d4
Concen: 82.276 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

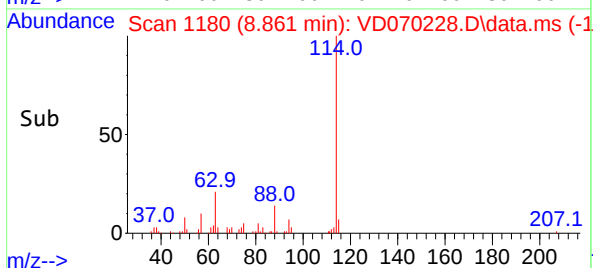
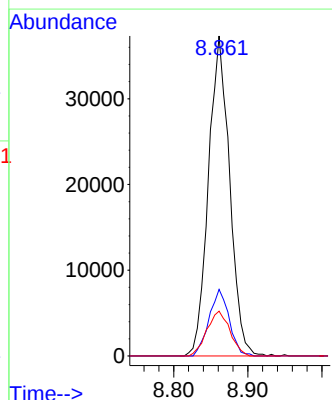
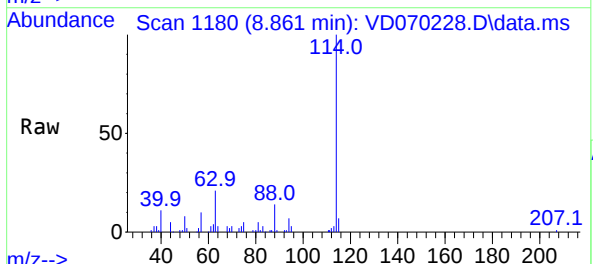
Instrument :
MSVOA_D
ClientSampleId :
SU-02-082021

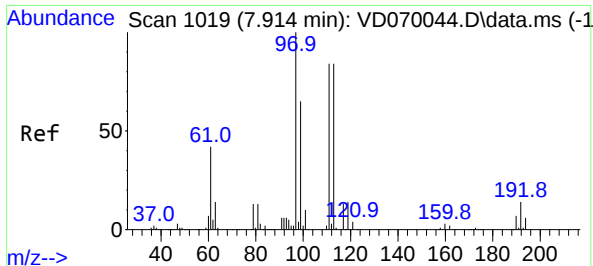
Tgt Ion: 65 Resp: 39307
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

Tgt Ion:114 Resp: 73948
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 14.0 0.0 33.4

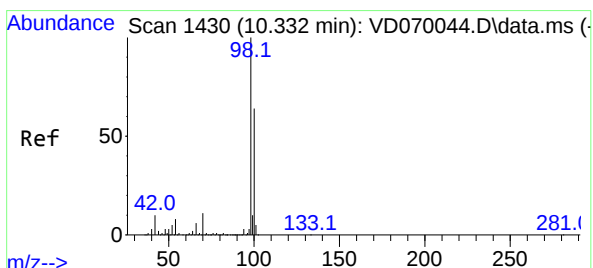
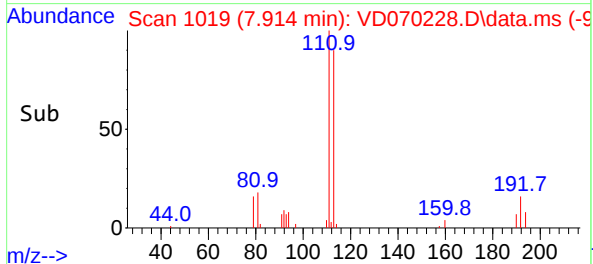
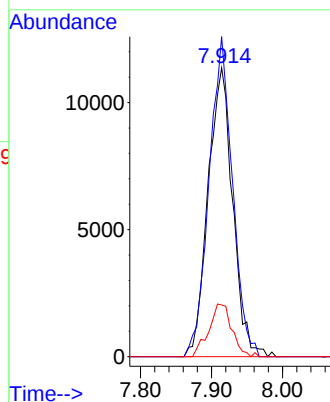
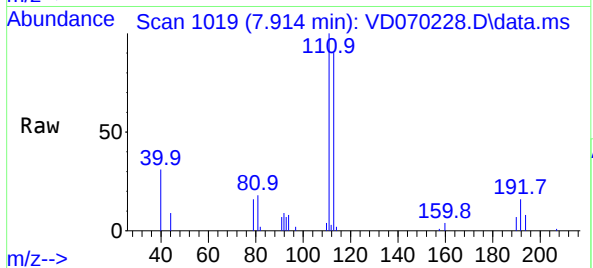




#35
Dibromofluoromethane
Concen: 57.478 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

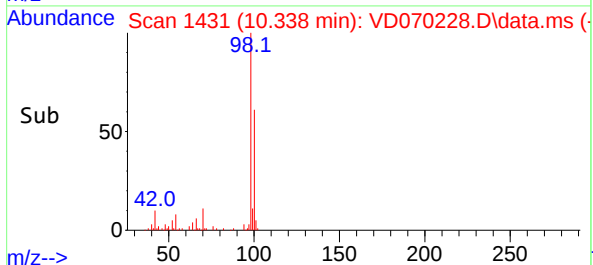
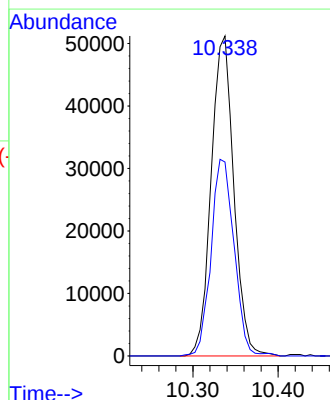
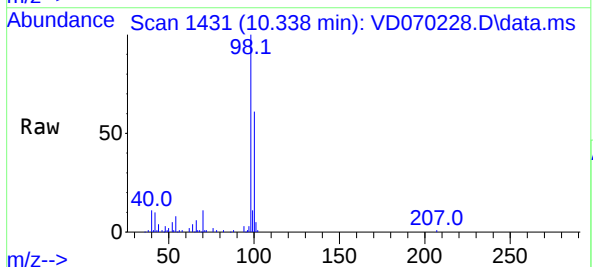
Instrument :
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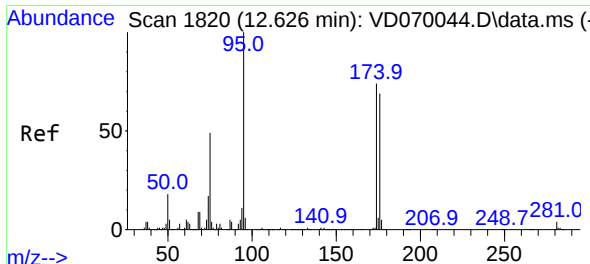
Tgt Ion:	113	Resp:	27460
Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.8	122.6
192	17.1	13.2	19.8



#50
Toluene-d8
Concen: 50.873 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

Tgt Ion:	98	Resp:	94531
Ion	Ratio	Lower	Upper
98	100		
100	62.7	52.6	78.8

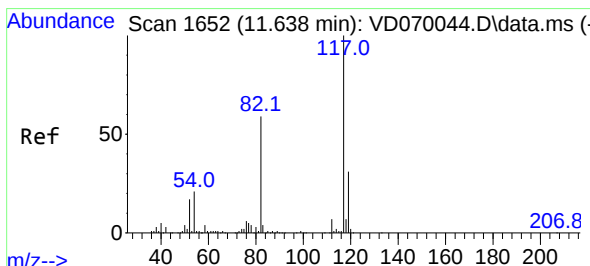
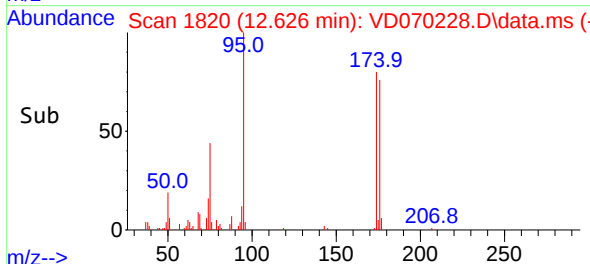
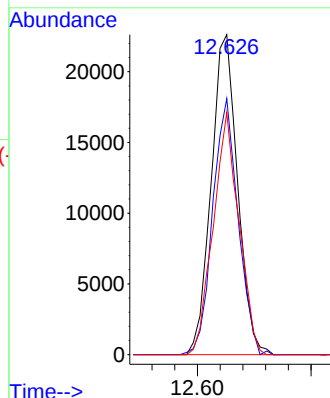
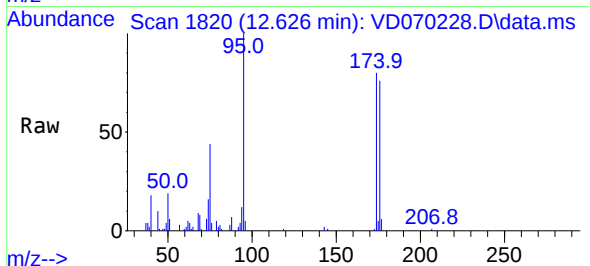




#62
4-Bromofluorobenzene
Concen: 59.589 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

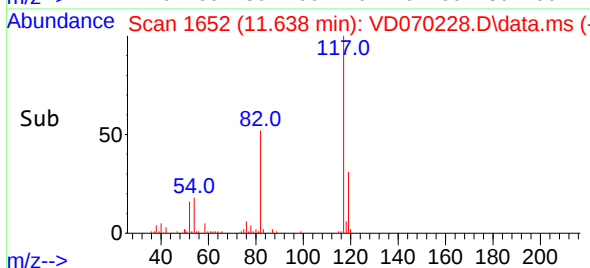
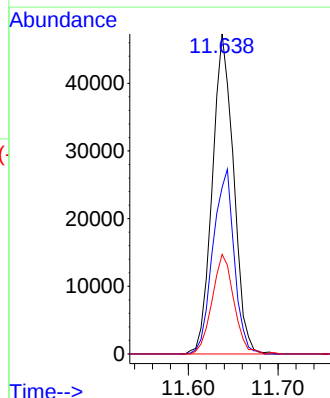
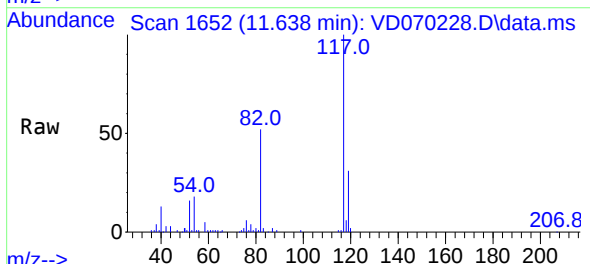
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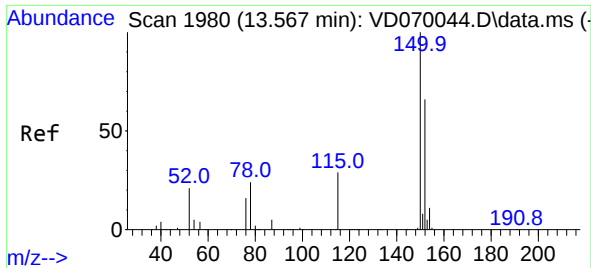
Tgt Ion:	95	Resp:	36471
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	141.6
176	73.7	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070228.D
Acq: 23 Aug 2021 18:44

Tgt Ion:	117	Resp:	77822
Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.5	71.3
119	31.1	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: VD070228.D
 Acq: 23 Aug 2021 18:44

Instrument :
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Tgt Ion:152 Resp: 37933
 Ion Ratio Lower Upper
 152 100
 115 57.9 31.2 93.6
 150 152.7 0.0 352.0

