

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069828.D
 Acq On : 23 Jul 2021 14:53
 Operator : VA/SY
 Sample : M3117-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-9

Quant Time: Jul 24 01:34:30 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)

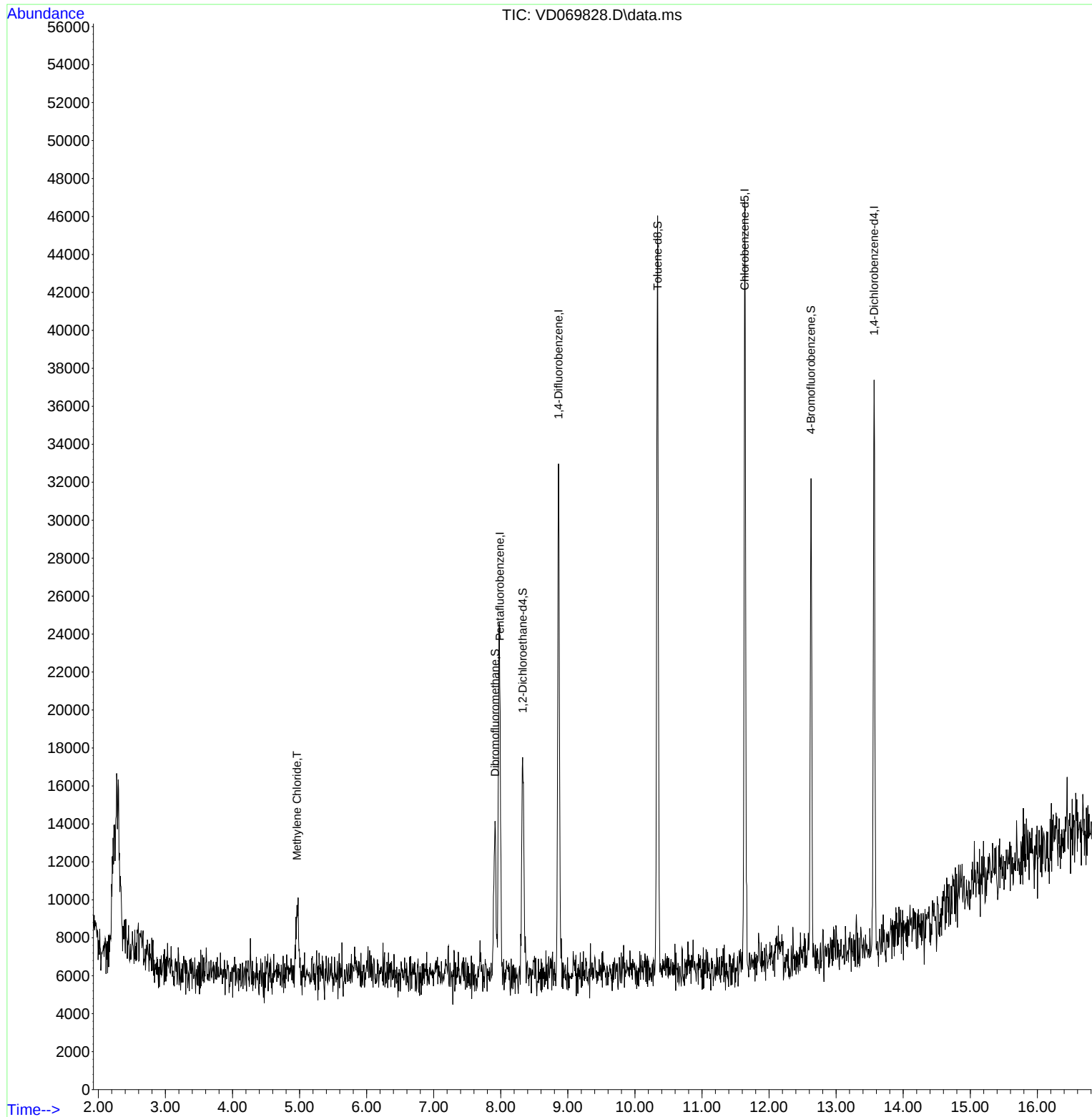
Internal Standards						
1) Pentafluorobenzene	7.985	168	13079	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	20096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	22824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	9346	62.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.260%	
35) Dibromofluoromethane	7.914	113	6411	50.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.338	98	25629	52.466	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.626	95	8519	52.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.360%	
Target Compounds						
20) Methylene Chloride	4.961	84	3239	11.605	ug/l	# 65

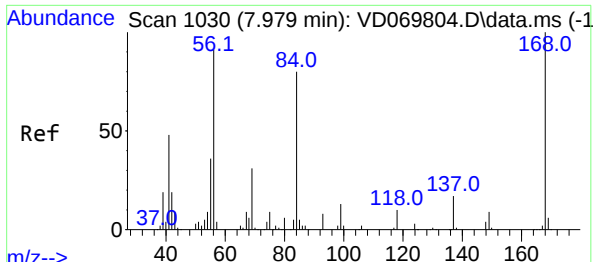
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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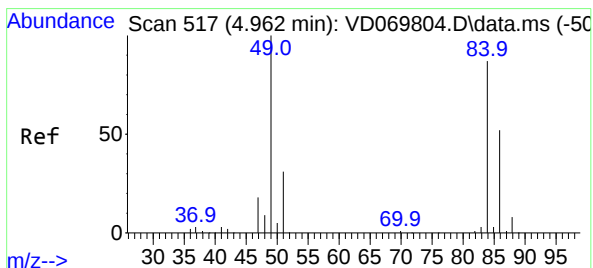
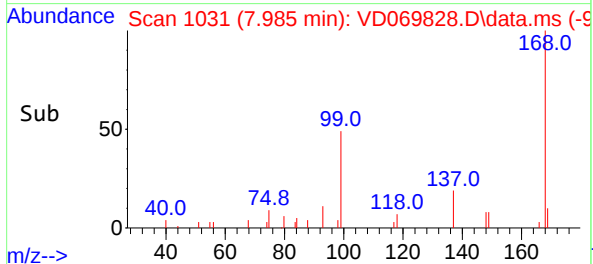
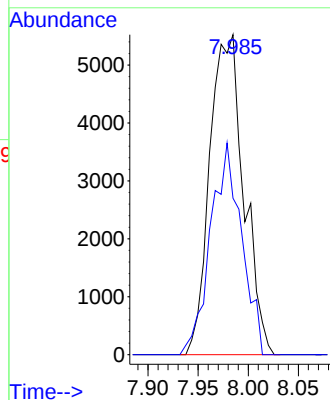
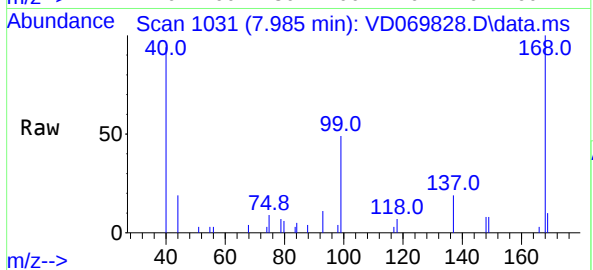




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

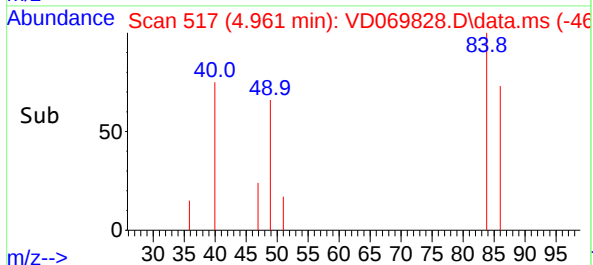
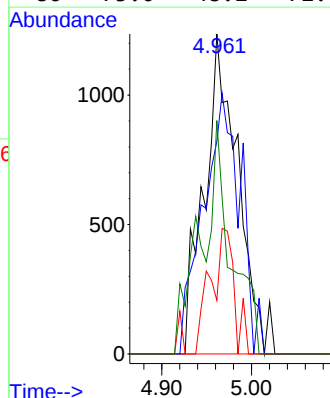
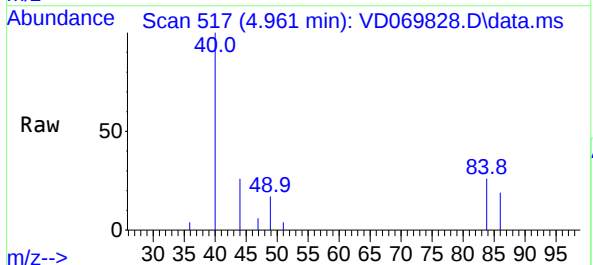
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-9

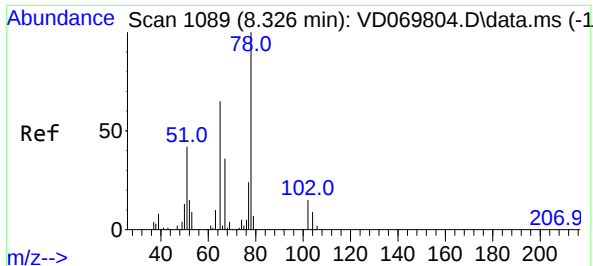
Tgt Ion:168 Resp: 13079
Ion Ratio Lower Upper
168 100
99 48.9 51.1 76.7#



#20
Methylene Chloride
Concen: 11.605 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

Tgt Ion: 84 Resp: 3239
Ion Ratio Lower Upper
84 100
49 66.4 92.4 138.6#
51 16.7 28.5 42.7#
86 73.0 48.2 72.4#

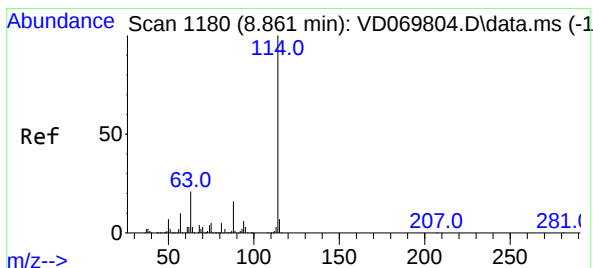
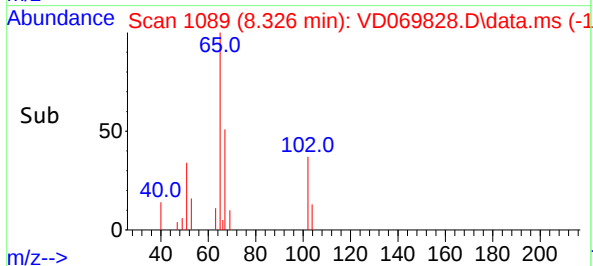
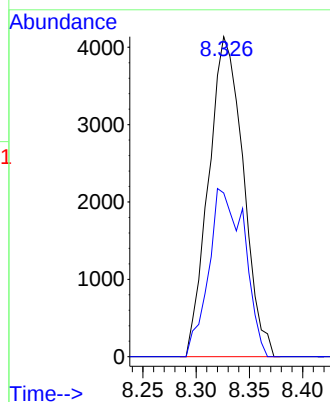
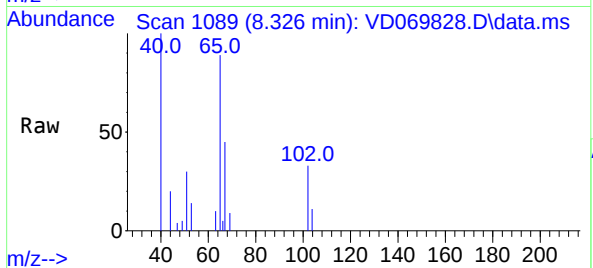




#33
1,2-Dichloroethane-d4
Concen: 62.133 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

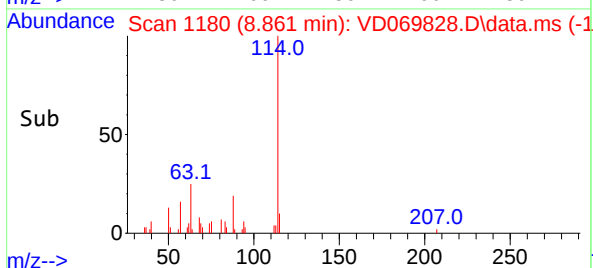
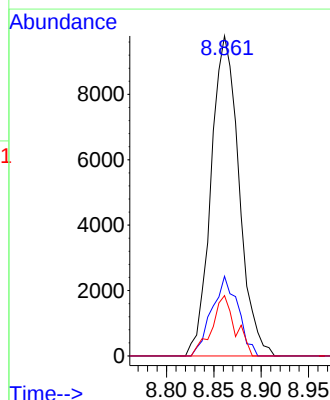
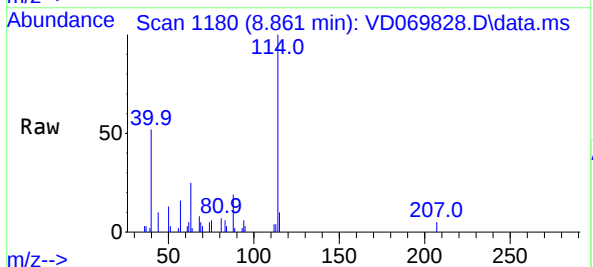
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-9

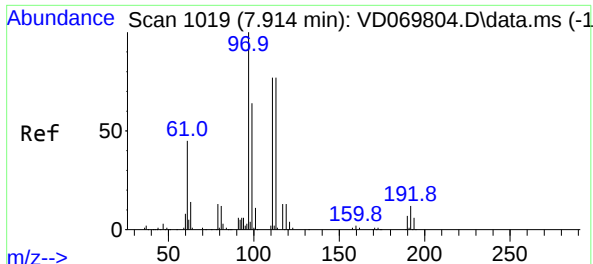
Tgt Ion: 65 Resp: 9346
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

Tgt Ion: 114 Resp: 20096
Ion Ratio Lower Upper
114 100
63 24.9 0.0 41.6
88 18.9 0.0 31.4

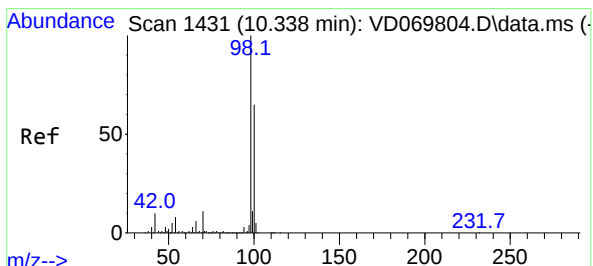
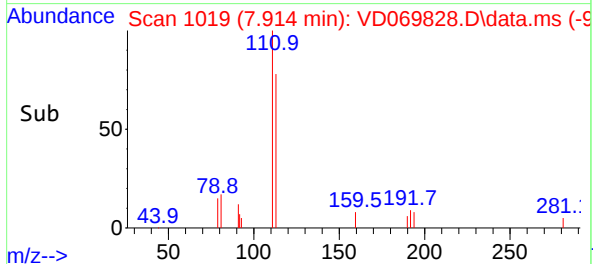
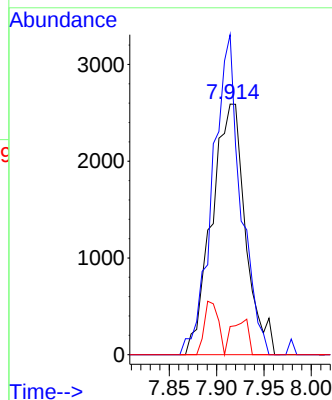
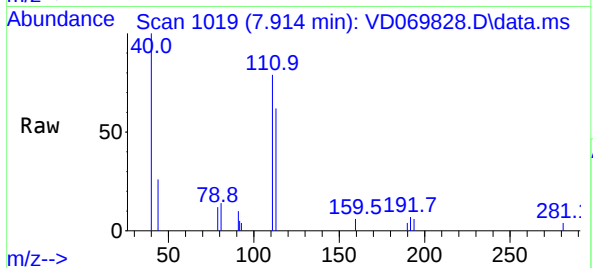




#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

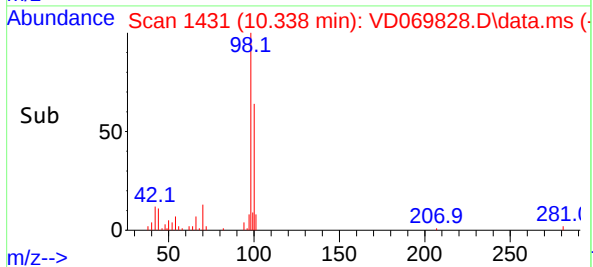
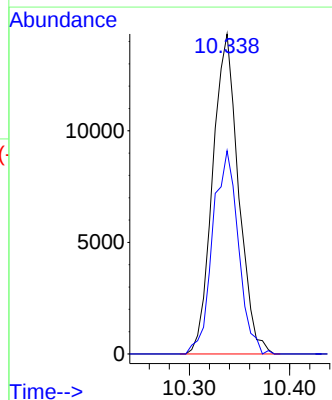
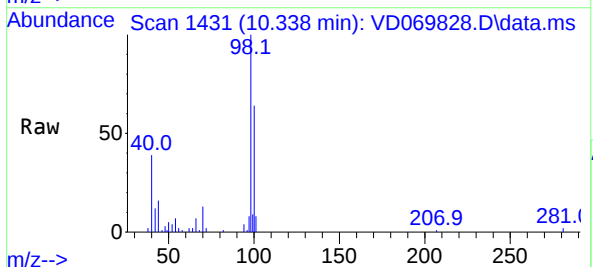
Instrument :
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ClientSampleId :
NJ-CLEAN-9

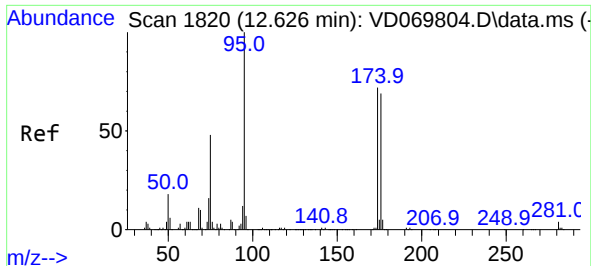
Tgt Ion:113 Resp: 6411
Ion Ratio Lower Upper
113 100
111 106.9 80.5 120.7
192 7.1 12.6 19.0#



#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

Tgt Ion: 98 Resp: 25629
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

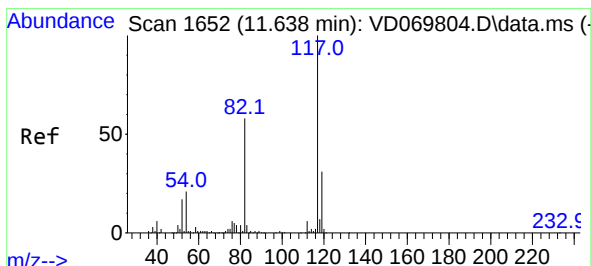
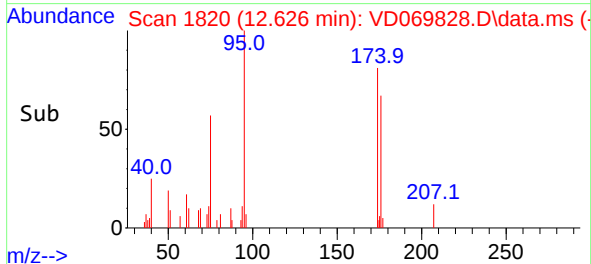
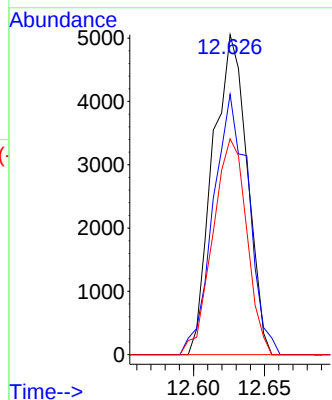
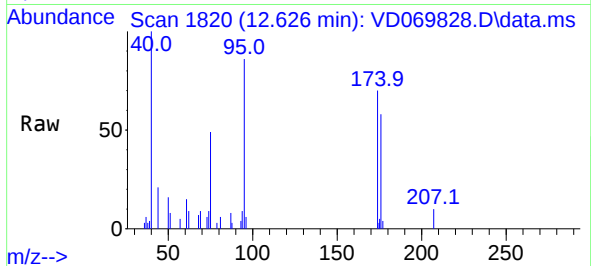




#62
4-Bromofluorobenzene
Concen: 52.182 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

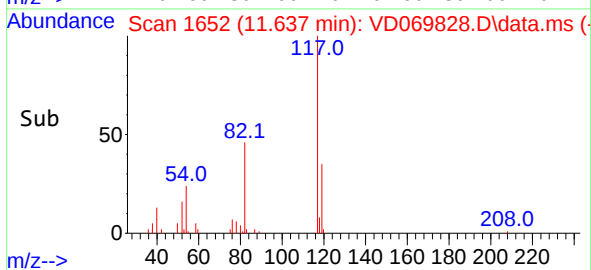
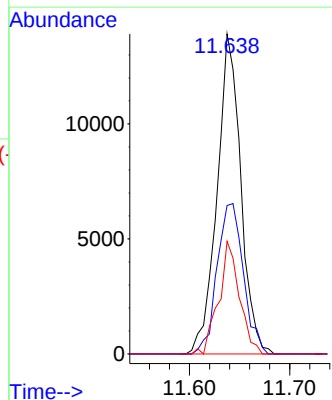
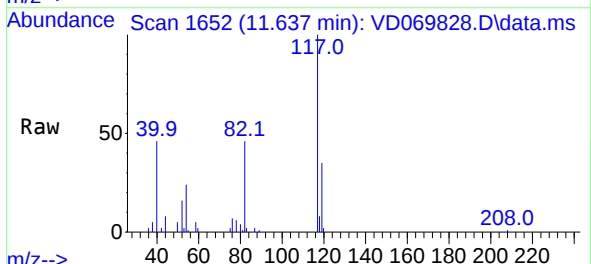
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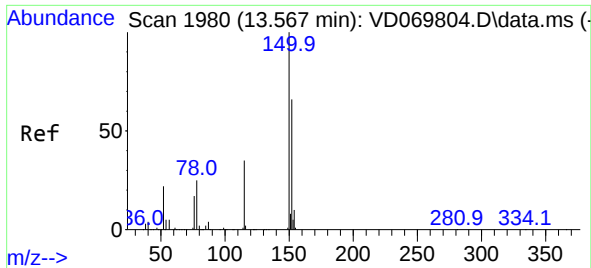
Tgt Ion:	95	Resp:	8519
Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	142.6
176	66.4	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069828.D
Acq: 23 Jul 2021 14:53

Tgt Ion:	117	Resp:	22824
Ion	Ratio	Lower	Upper
117	100		
82	46.4	46.3	69.5
119	35.2	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: VD069828.D
 Acq: 23 Jul 2021 14:53

Instrument :
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Tgt Ion:	152	Resp:	8140
Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.1	93.3
150	156.2	0.0	343.0

