

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069812.D
 Acq On : 22 Jul 2021 17:15
 Operator : VA/SY
 Sample : M3117-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-2

Quant Time: Jul 23 05:01:58 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)

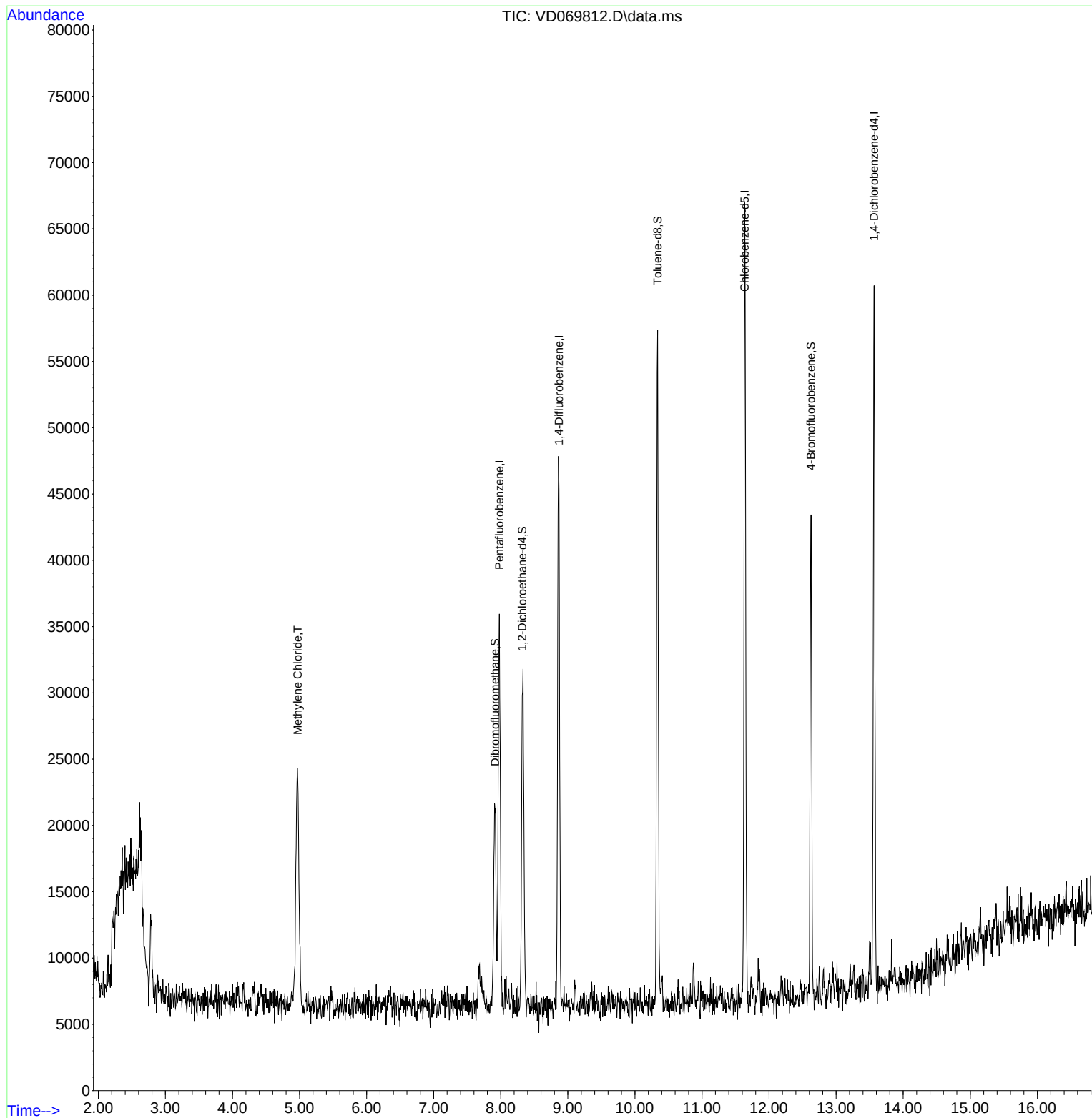
Internal Standards						
1) Pentafluorobenzene	7.979	168	19619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	37343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	35043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	14134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	19261	85.363	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	170.720%#	
35) Dibromofluoromethane	7.914	113	11616	49.344	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	98.680%	
50) Toluene-d8	10.338	98	35332	38.924	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	77.840%	
62) 4-Bromofluorobenzene	12.626	95	13063	43.060	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	86.120%	
Target Compounds						
20) Methylene Chloride	4.973	84	15709	53.676	ug/l	Qvalue # 79

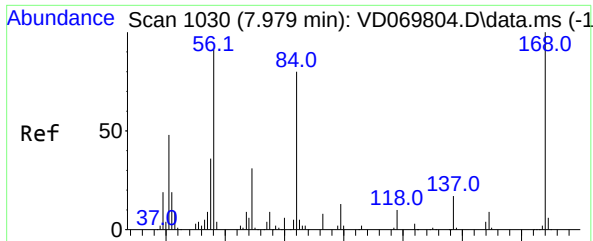
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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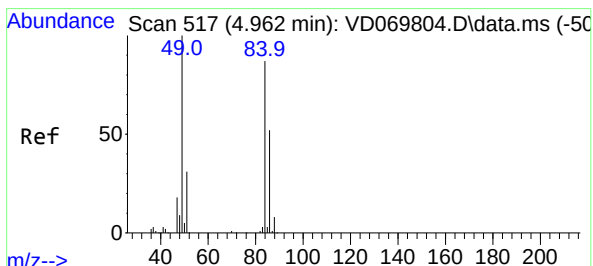
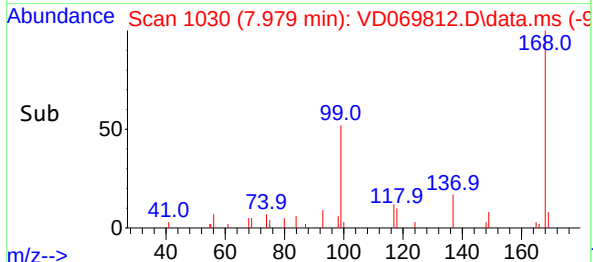
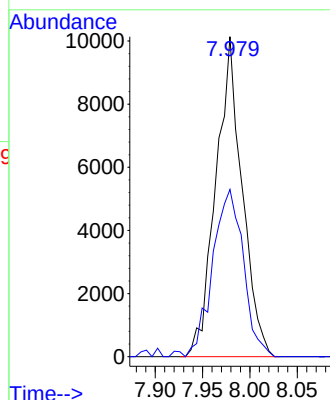
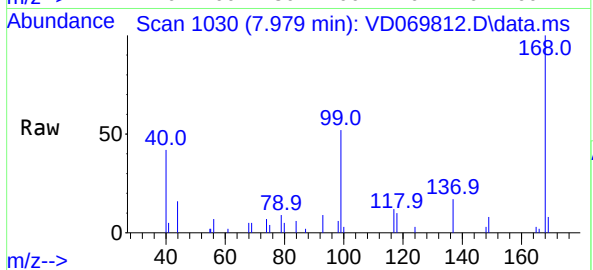




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

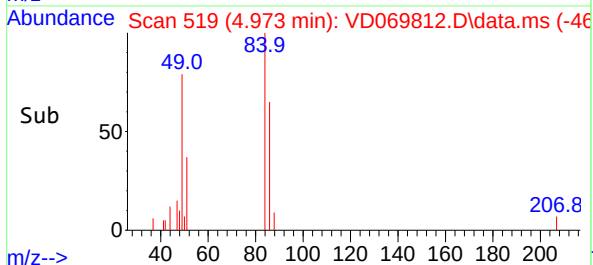
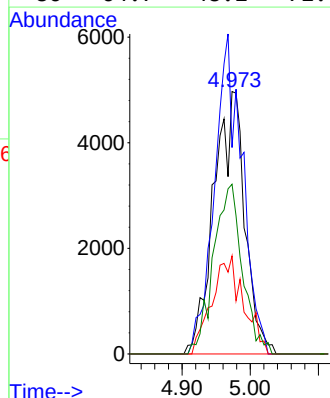
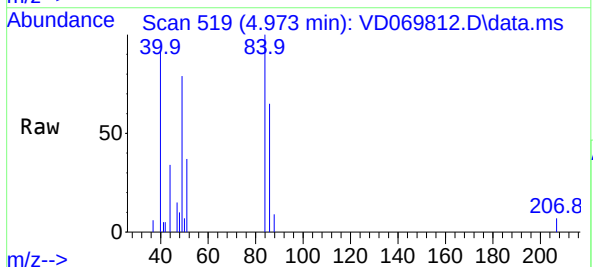
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-2

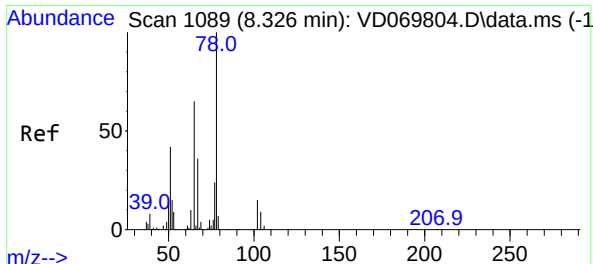
Tgt Ion:168 Resp: 19619
Ion Ratio Lower Upper
168 100
99 52.2 51.1 76.7



#20
Methylene Chloride
Concen: 53.676 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

Tgt Ion: 84 Resp: 15709
Ion Ratio Lower Upper
84 100
49 78.7 92.4 138.6#
51 37.4 28.5 42.7
86 64.7 48.2 72.4

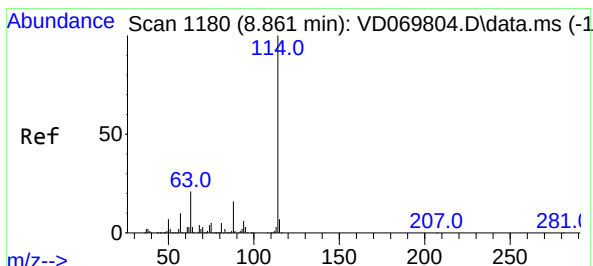
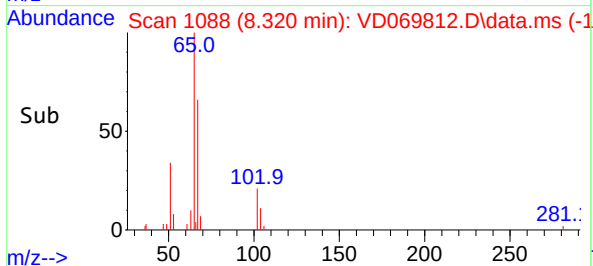
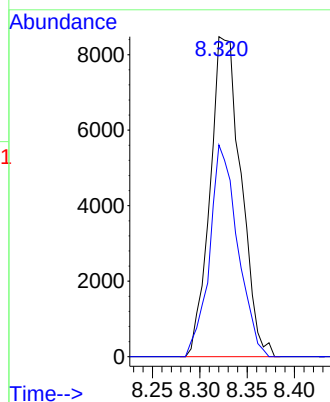
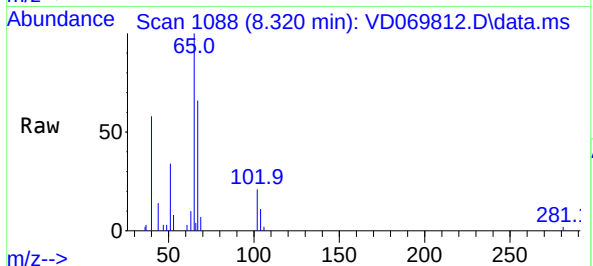




#33
1,2-Dichloroethane-d4
Concen: 85.363 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

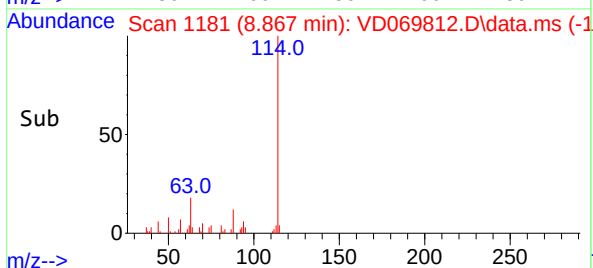
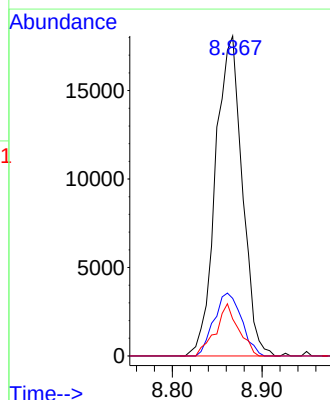
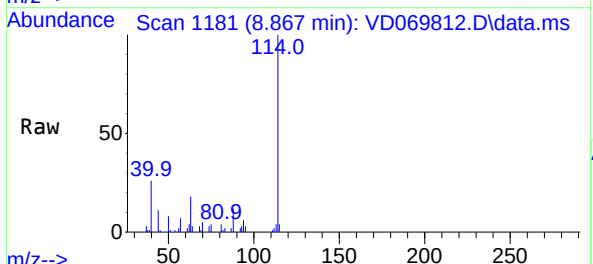
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-2

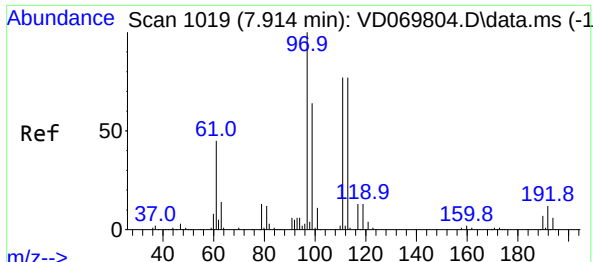
Tgt Ion: 65 Resp: 19261
Ion Ratio Lower Upper
65 100
67 60.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

Tgt Ion:114 Resp: 37343
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.6
88 11.5 0.0 31.4

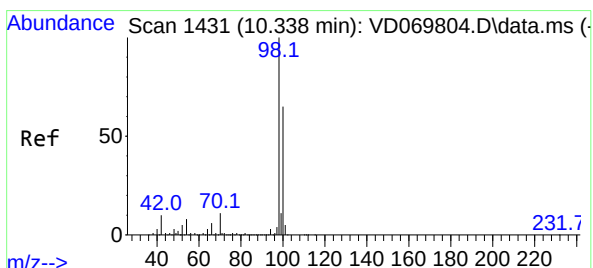
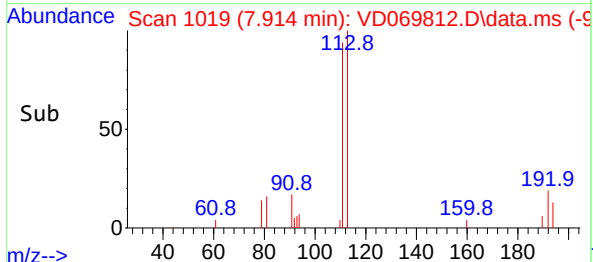
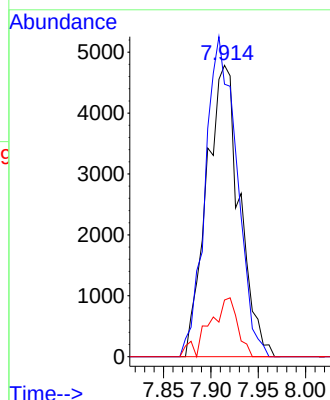
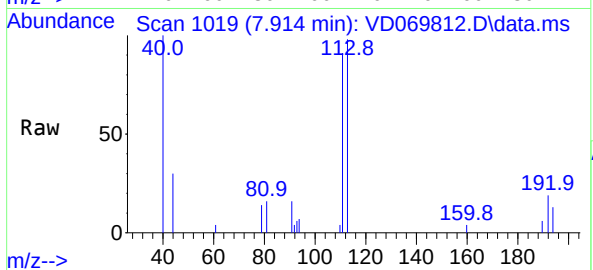




#35
Dibromofluoromethane
Concen: 49.344 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

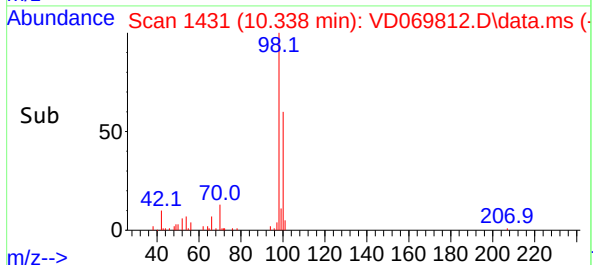
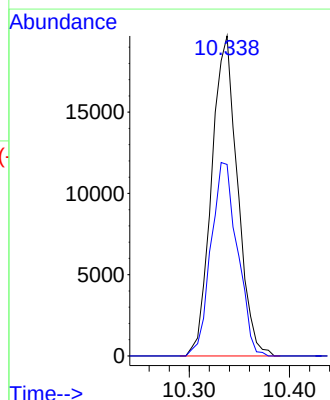
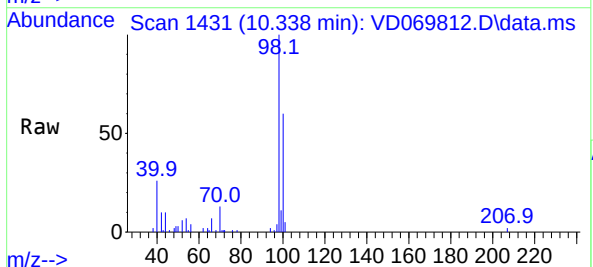
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-2

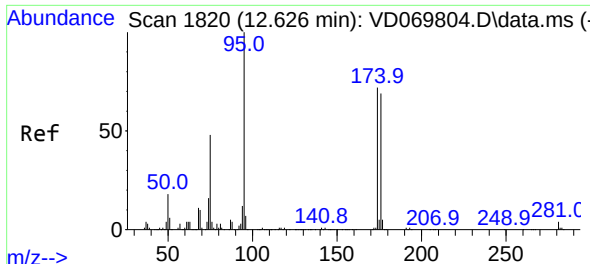
Tgt Ion:	113	Resp:	11616
Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.5	120.7
192	17.3	12.6	19.0



#50
Toluene-d8
Concen: 38.924 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

Tgt Ion:	98	Resp:	35332
Ion	Ratio	Lower	Upper
98	100		
100	61.9	51.9	77.9

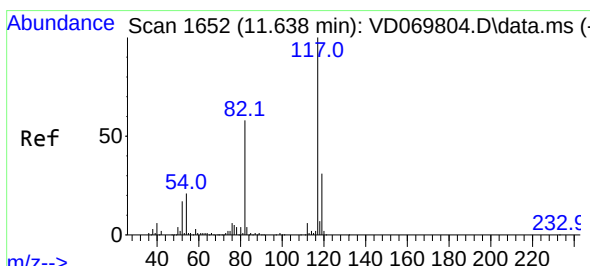
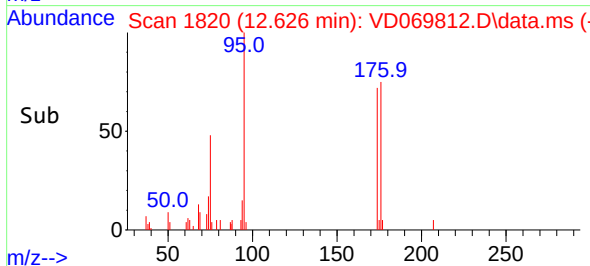
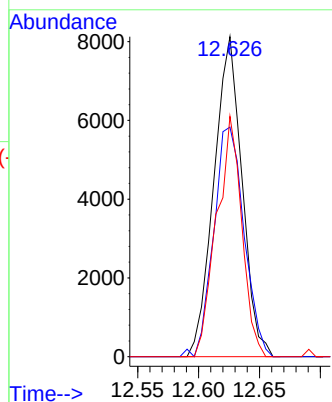
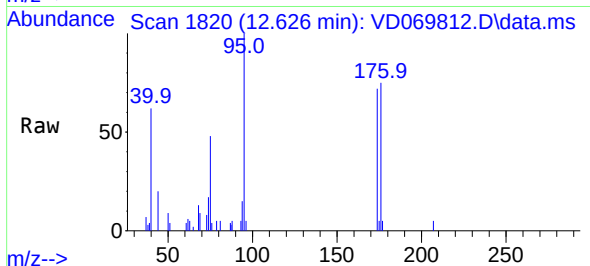




#62
4-Bromofluorobenzene
Concen: 43.060 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

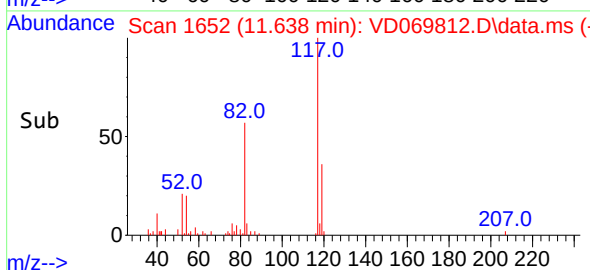
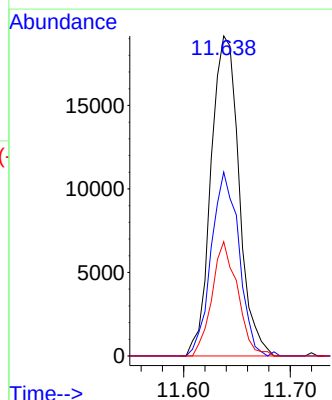
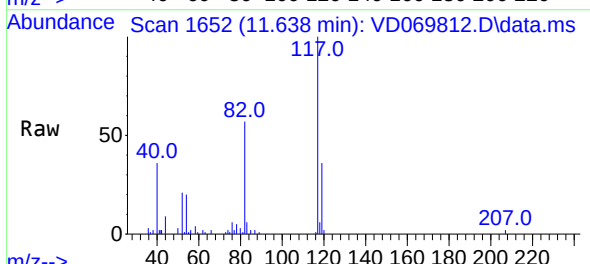
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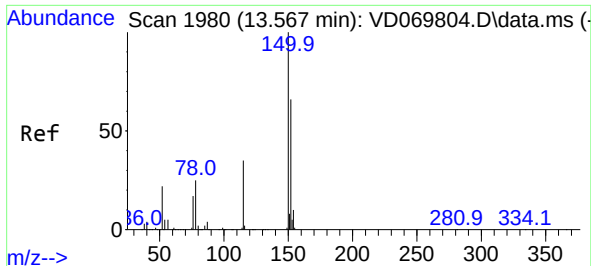
Tgt Ion:	95	Resp:	13063
Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	142.6
176	67.1	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069812.D
Acq: 22 Jul 2021 17:15

Tgt Ion:	117	Resp:	35043
Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.3	69.5
119	35.7	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: VD069812.D
 Acq: 22 Jul 2021 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	152	Resp:	14134
Ion	Ratio	Lower	Upper
152	100		
115	56.6	31.1	93.3
150	151.1	0.0	343.0

