

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069831.D
 Acq On : 23 Jul 2021 16:19
 Operator : VA/SY
 Sample : M3117-03RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-3RE

Quant Time: Jul 24 01:35:16 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	7.973	168	73272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	126281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	146443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	65586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	61954	73.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.040%
35) Dibromofluoromethane	7.908	113	43461	54.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.337	98	159015	51.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.626	95	61014	59.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.960%

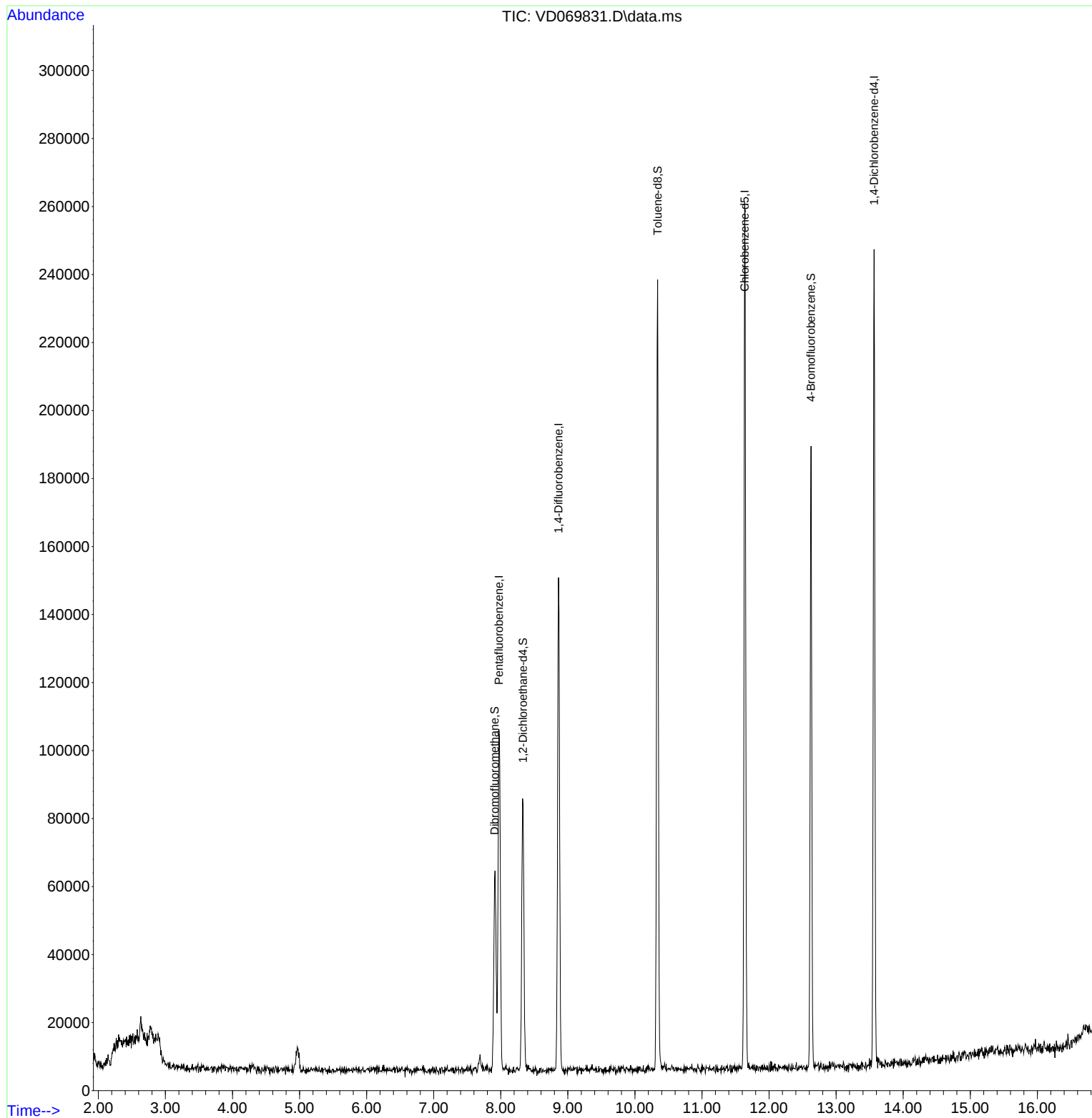
Target Compounds	Qvalue

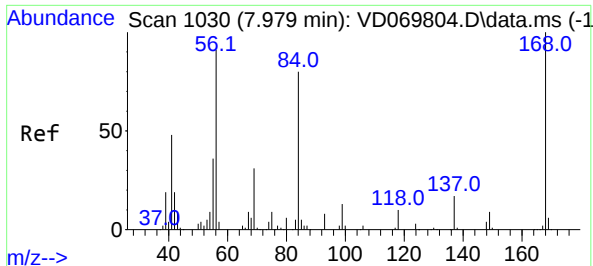
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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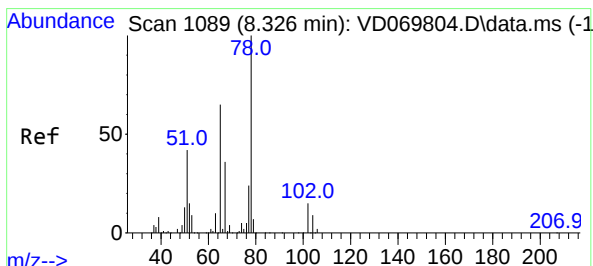
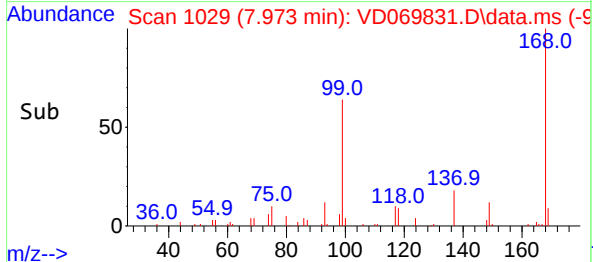
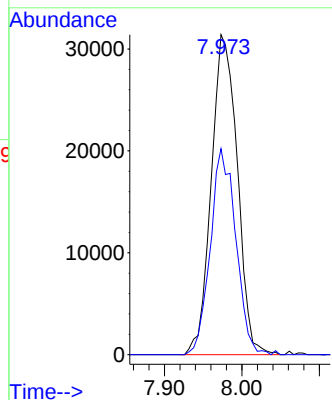
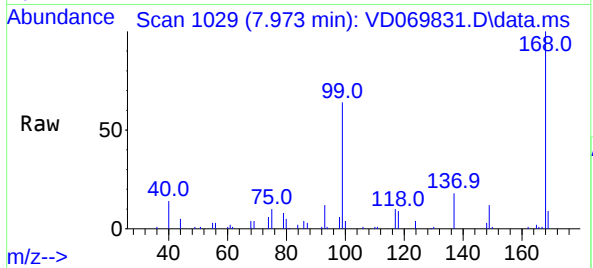




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

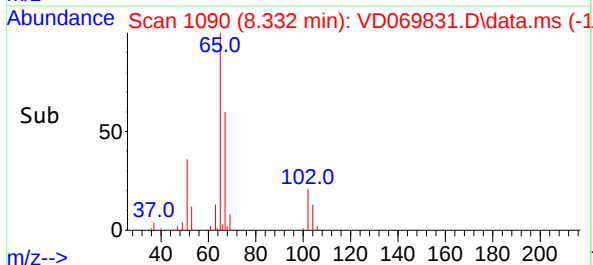
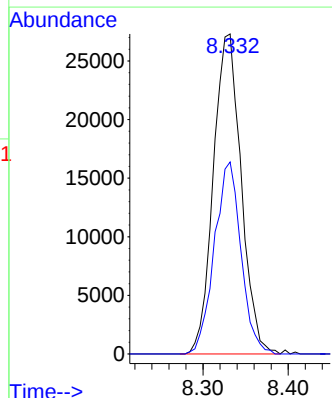
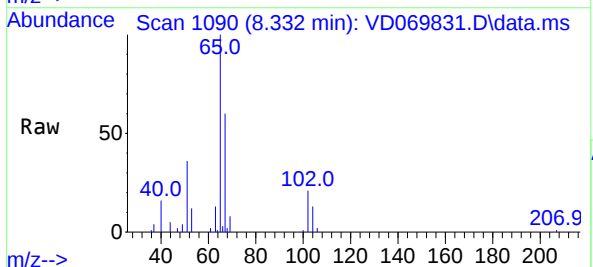
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-3RE

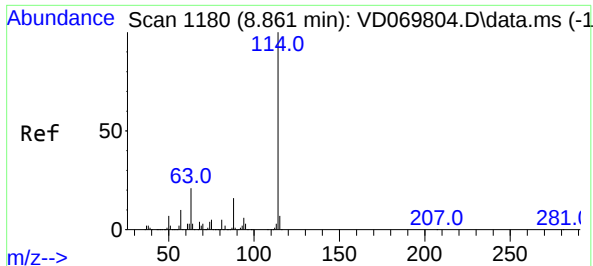
Tgt Ion:168 Resp: 73272
Ion Ratio Lower Upper
168 100
99 64.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 73.519 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

Tgt Ion: 65 Resp: 61954
Ion Ratio Lower Upper
65 100
67 57.4 0.0 111.2



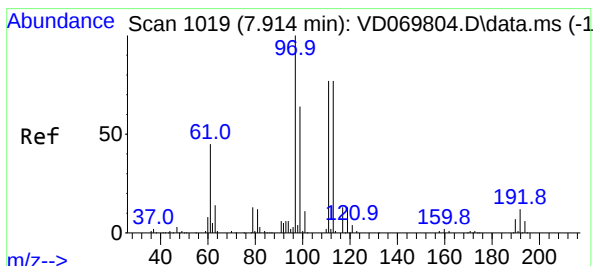
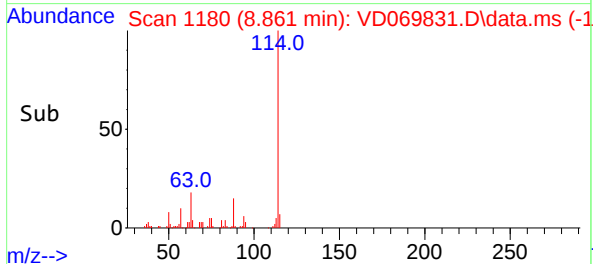
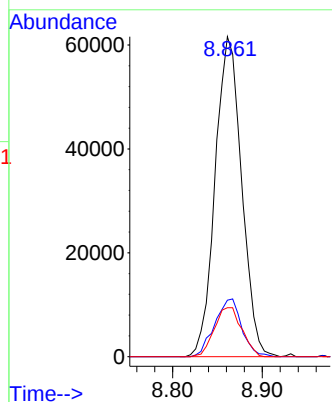
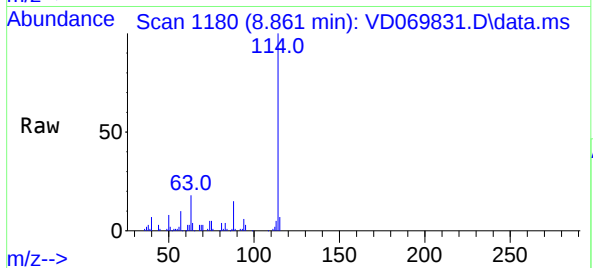


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-3RE

Tgt Ion:114 Resp: 126281

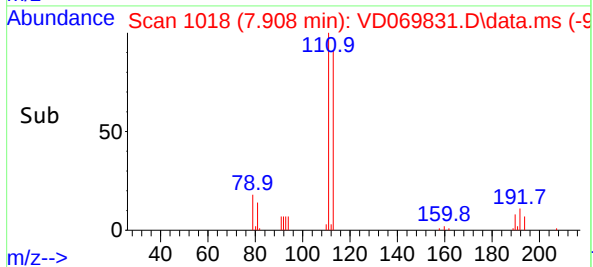
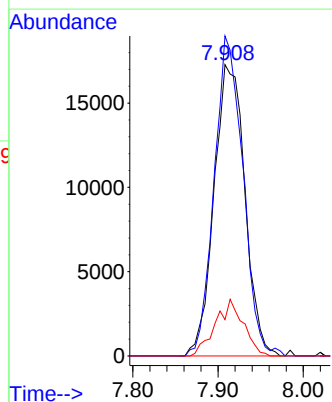
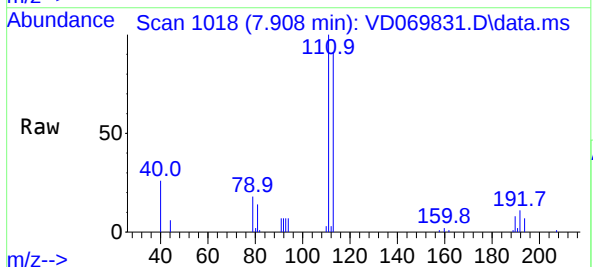
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	41.6
88	15.3	0.0	31.4

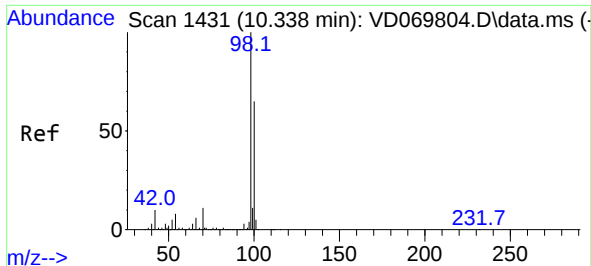


#35
Dibromofluoromethane
Concen: 54.594 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

Tgt Ion:113 Resp: 43461

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.5	120.7
192	17.6	12.6	19.0

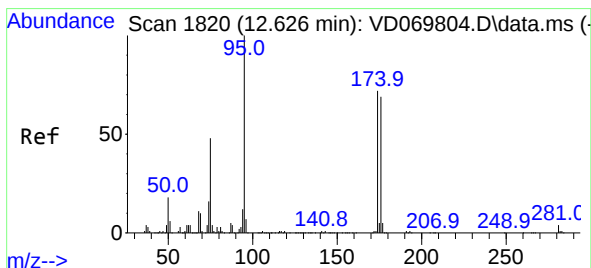
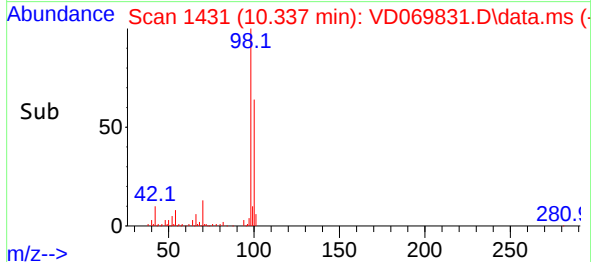
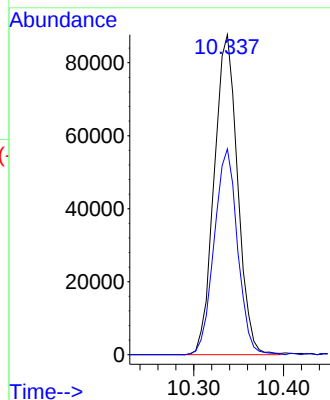
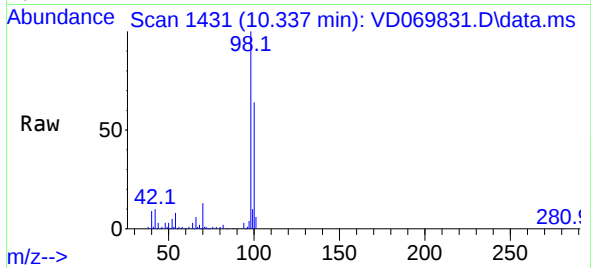




#50
Toluene-d8
Concen: 51.803 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

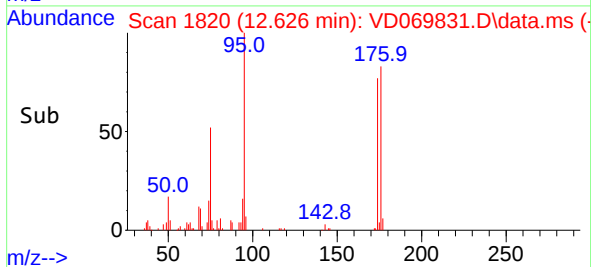
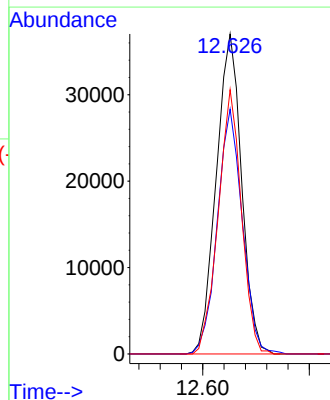
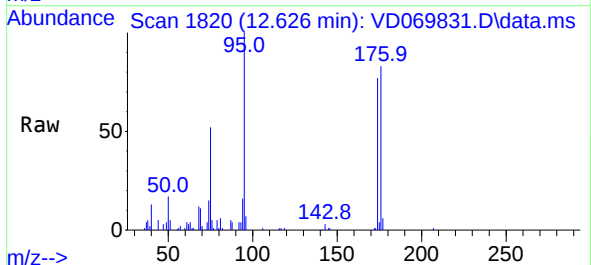
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-3RE

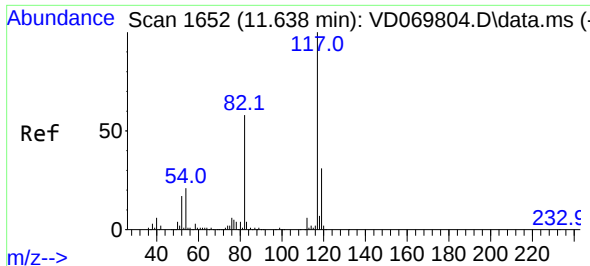
Tgt Ion: 98 Resp: 159015
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 59.475 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

Tgt Ion: 95 Resp: 61014
Ion Ratio Lower Upper
95 100
174 75.5 0.0 142.6
176 75.7 0.0 134.2

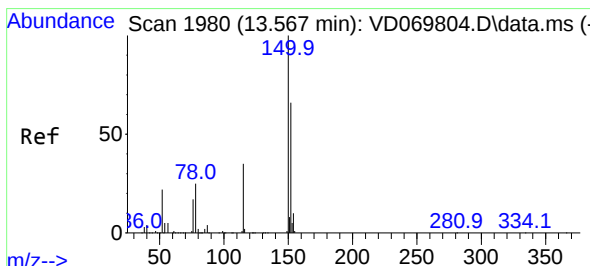
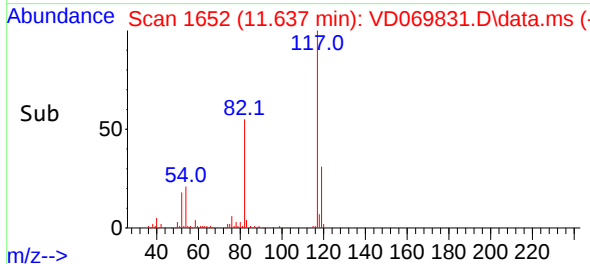
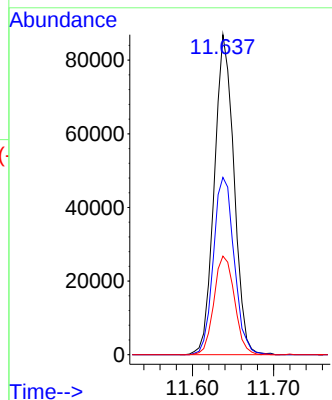
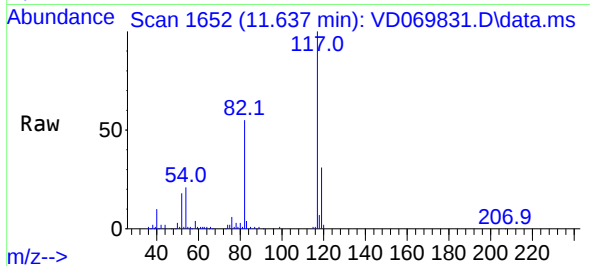




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069831.D
Acq: 23 Jul 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-3RE

Tgt Ion:117 Resp: 146443
Ion Ratio Lower Upper
117 100
82 55.4 46.3 69.5
119 30.8 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: VD069831.D
Acq: 23 Jul 2021 16:19

Tgt Ion:152 Resp: 65586
Ion Ratio Lower Upper
152 100
115 60.3 31.1 93.3
150 155.4 0.0 343.0

