

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069816.D
 Acq On : 22 Jul 2021 19:08
 Operator : VA/SY
 Sample : M3117-06
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-6

Quant Time: Jul 23 05:03:34 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)

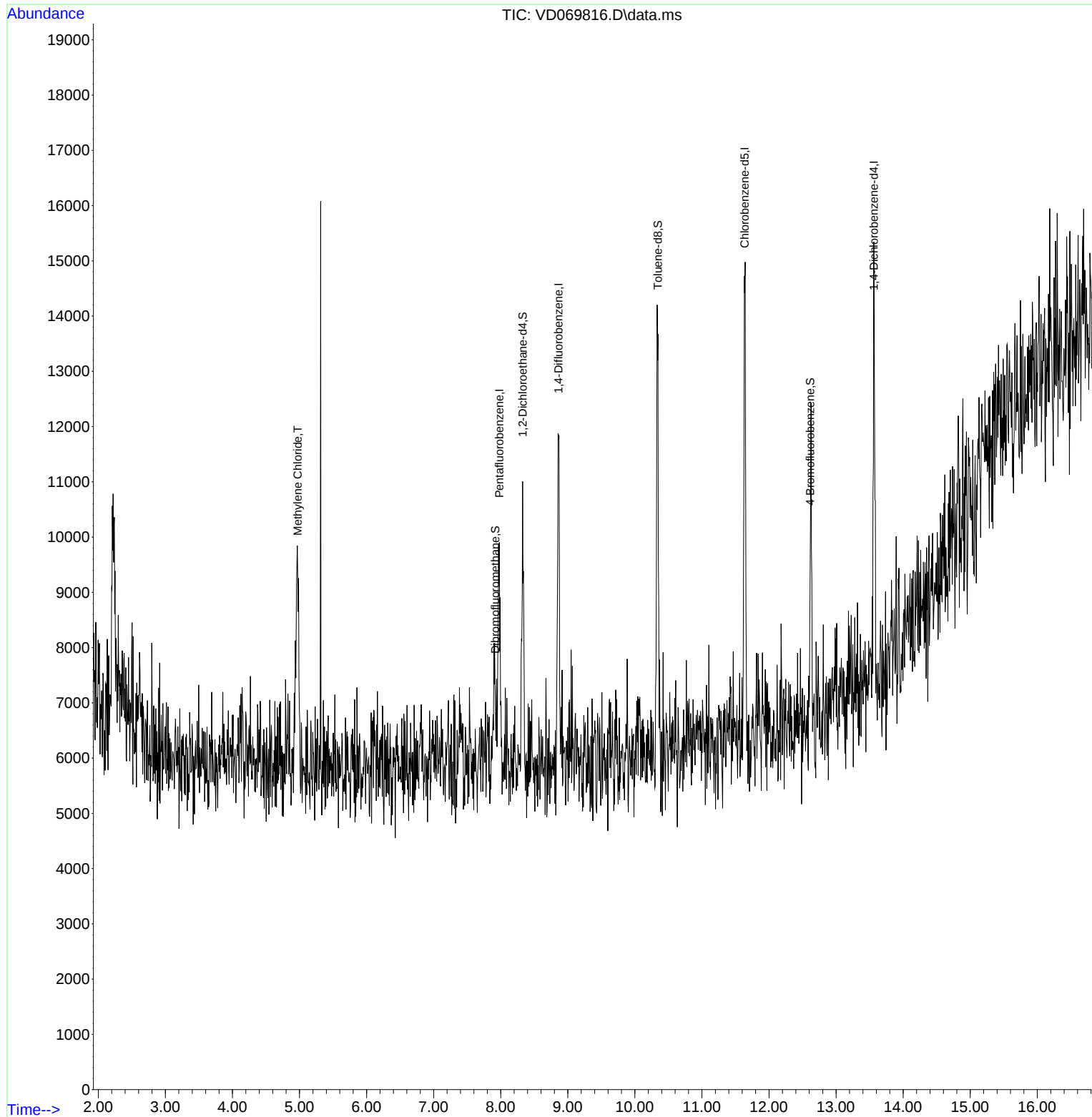
Internal Standards						
1) Pentafluorobenzene	7.979	168	3935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	6025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	5877	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3339	73.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.560%
35) Dibromofluoromethane	7.920	113	1602	42.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.360%
50) Toluene-d8	10.344	98	6052	41.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.640%
62) 4-Bromofluorobenzene	12.614	95	1993	40.719	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.440%
Target Compounds						
20) Methylene Chloride	4.973	84	3376	58.030	ug/l	# 89

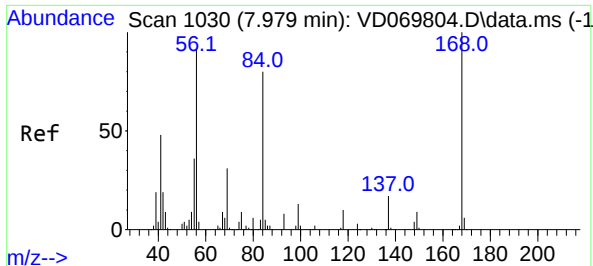
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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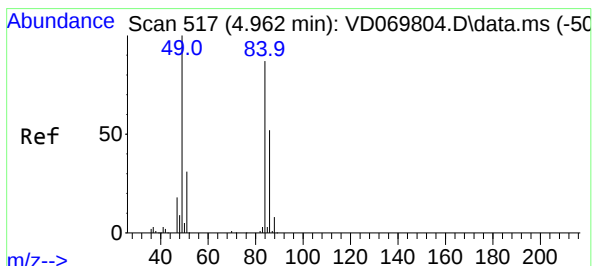
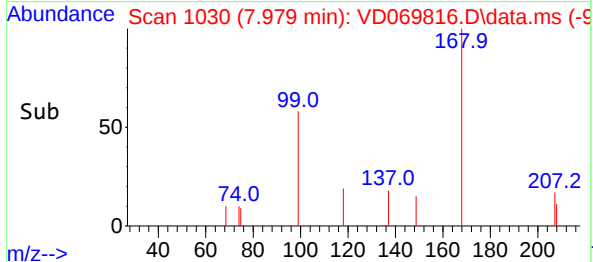
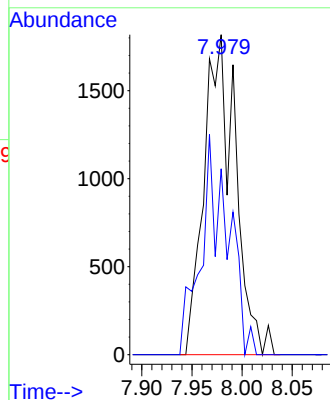
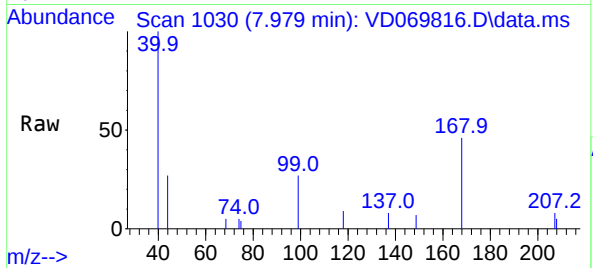




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

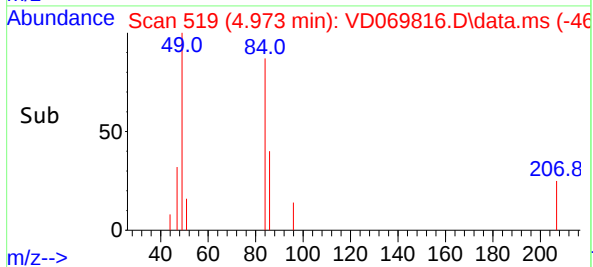
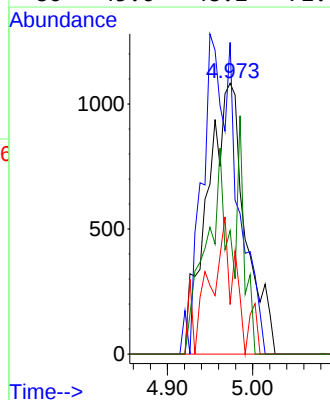
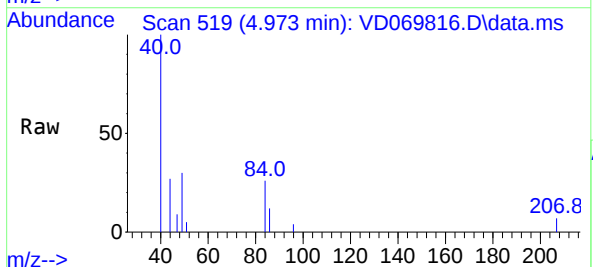
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-6

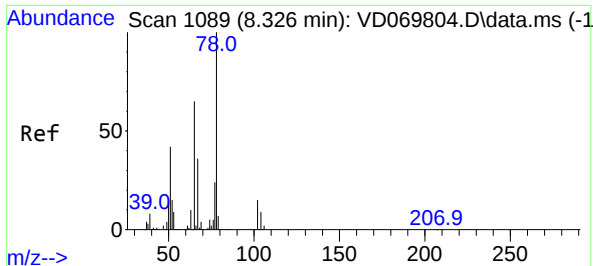
Tgt Ion:168 Resp: 3935
Ion Ratio Lower Upper
168 100
99 58.1 51.1 76.7



#20
Methylene Chloride
Concen: 58.030 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

Tgt Ion: 84 Resp: 3376
Ion Ratio Lower Upper
84 100
49 115.1 92.4 138.6
51 18.3 28.5 42.7#
86 45.6 48.2 72.4#

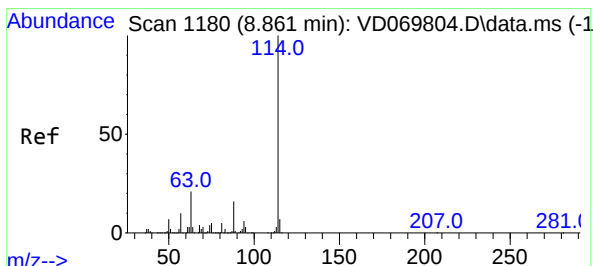
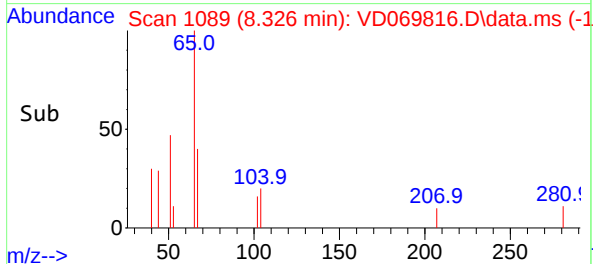
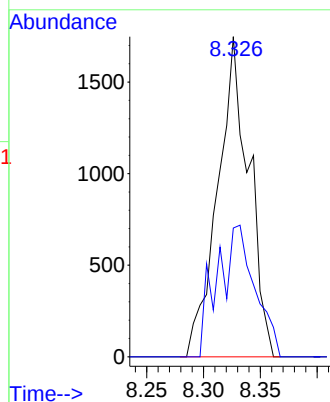
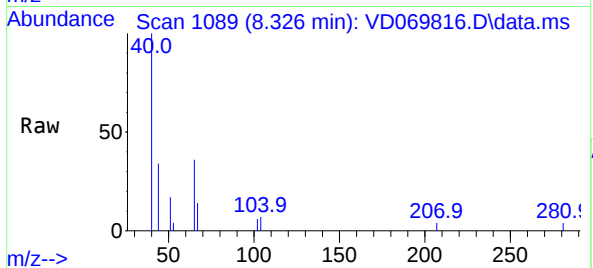




#33
1,2-Dichloroethane-d4
Concen: 73.780 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

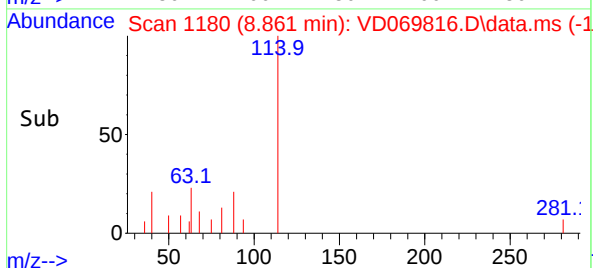
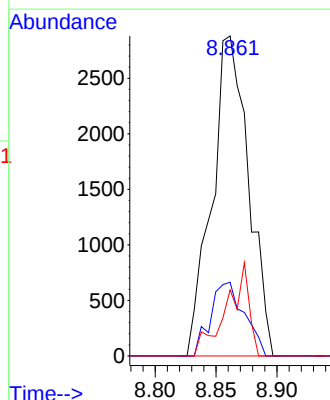
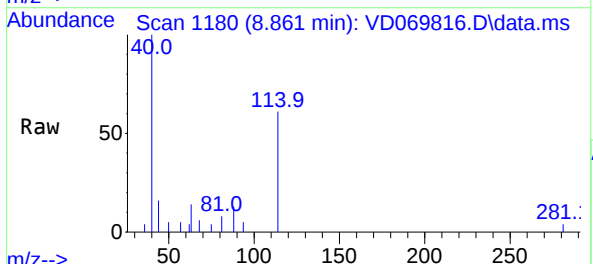
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-6

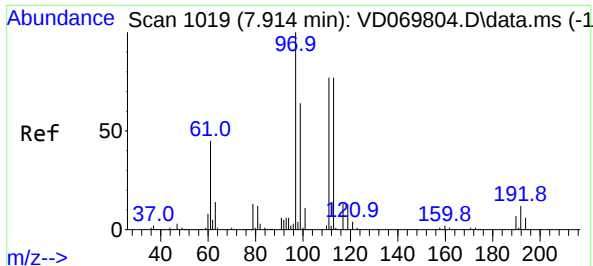
Tgt Ion: 65 Resp: 3339
Ion Ratio Lower Upper
65 100
67 49.5 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

Tgt Ion: 114 Resp: 6025
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.6
88 20.7 0.0 31.4

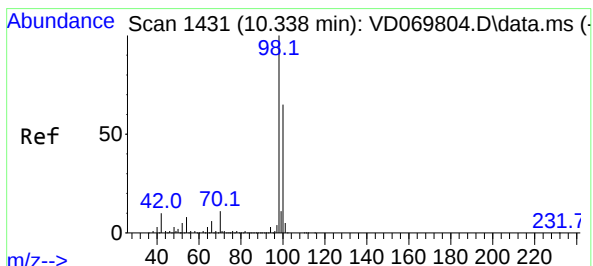
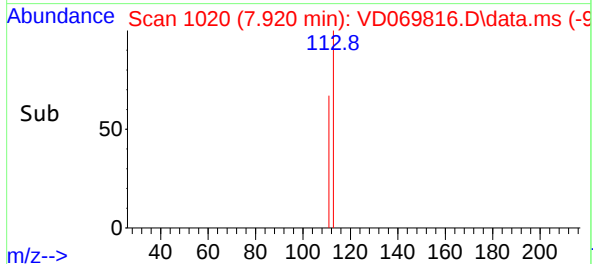
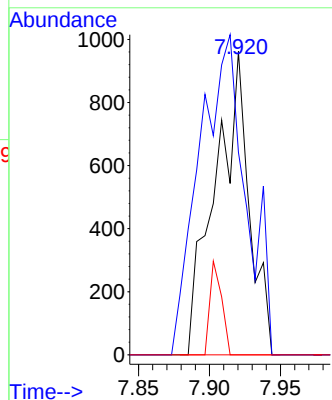
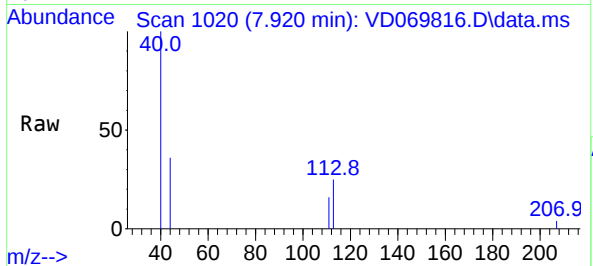




#35
Dibromofluoromethane
Concen: 42.178 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

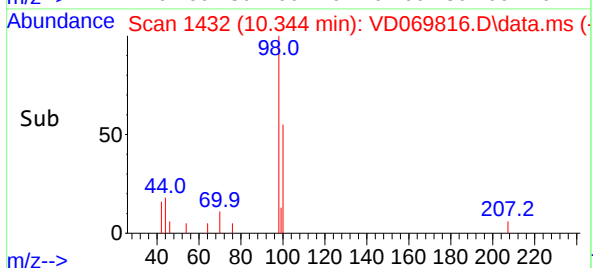
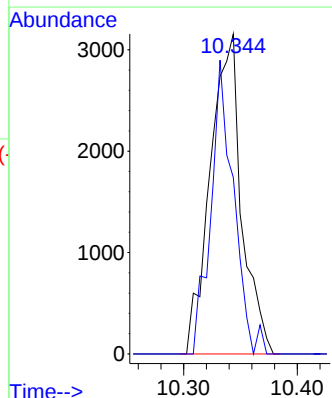
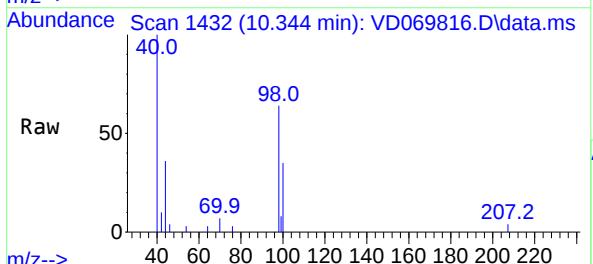
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-6

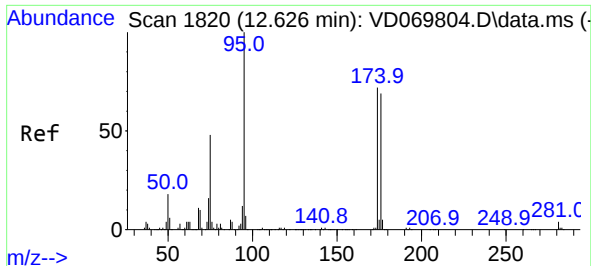
Tgt Ion:113 Resp: 1602
Ion Ratio Lower Upper
113 100
111 143.4 80.5 120.7#
192 10.6 12.6 19.0#



#50
Toluene-d8
Concen: 41.323 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

Tgt Ion: 98 Resp: 6052
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



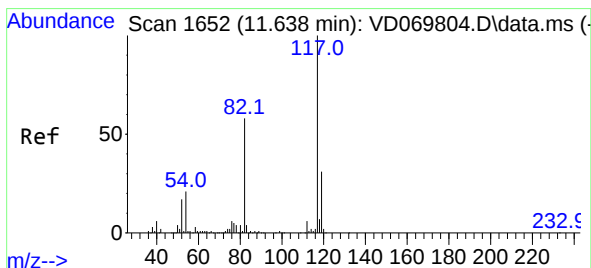
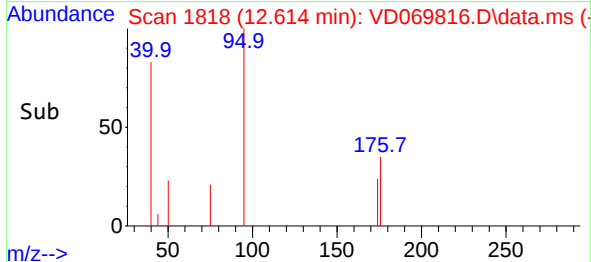
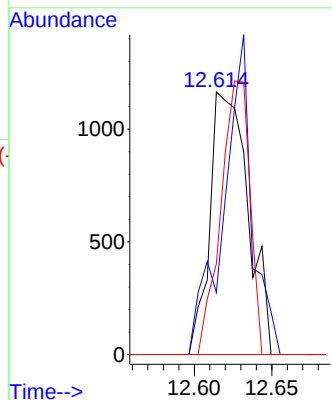
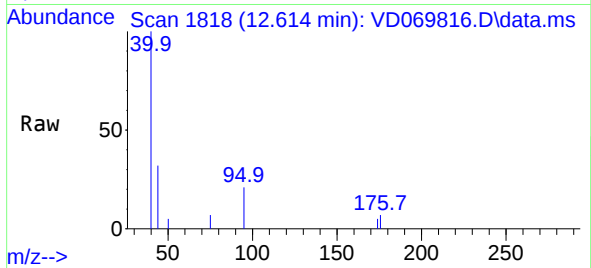


#62
4-Bromofluorobenzene
Concen: 40.719 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.012 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-6

Tgt Ion: 95 Resp: 1993

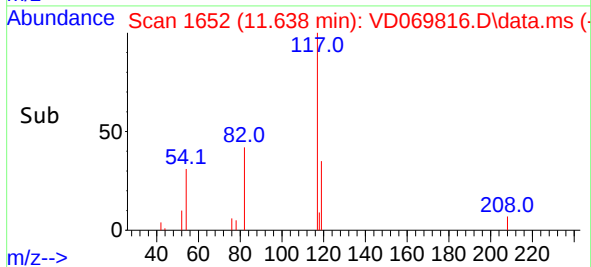
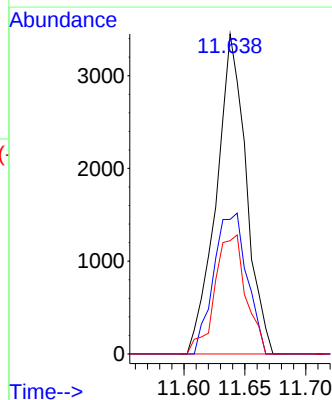
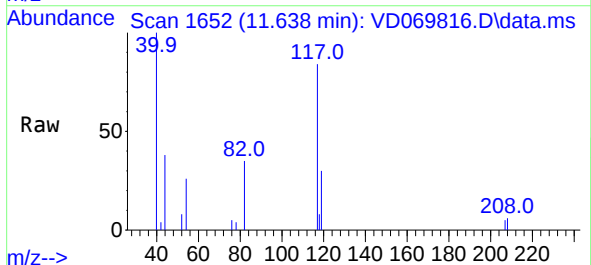
Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	142.6
176	79.6	0.0	134.2

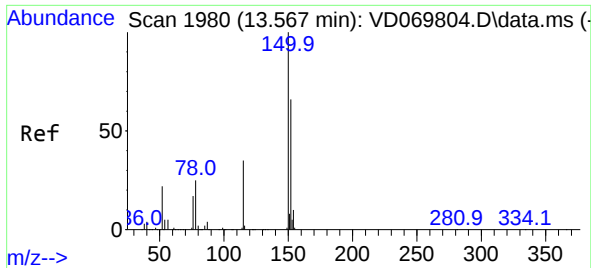


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

Tgt Ion: 117 Resp: 5877

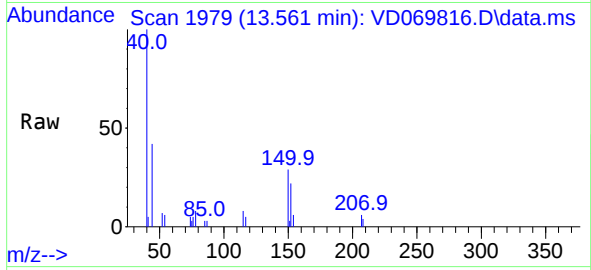
Ion	Ratio	Lower	Upper
117	100		
82	42.1	46.3	69.5#
119	35.4	24.7	37.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069816.D
Acq: 22 Jul 2021 19:08

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-6



Tgt Ion:	152	Resp:	1833
Ion	Ratio	Lower	Upper
152	100		
115	68.7	31.1	93.3
150	182.8	0.0	343.0

