

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069833.D
 Acq On : 23 Jul 2021 17:16
 Operator : VA/SY
 Sample : M3117-05
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-5

Quant Time: Jul 24 01:35:45 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)

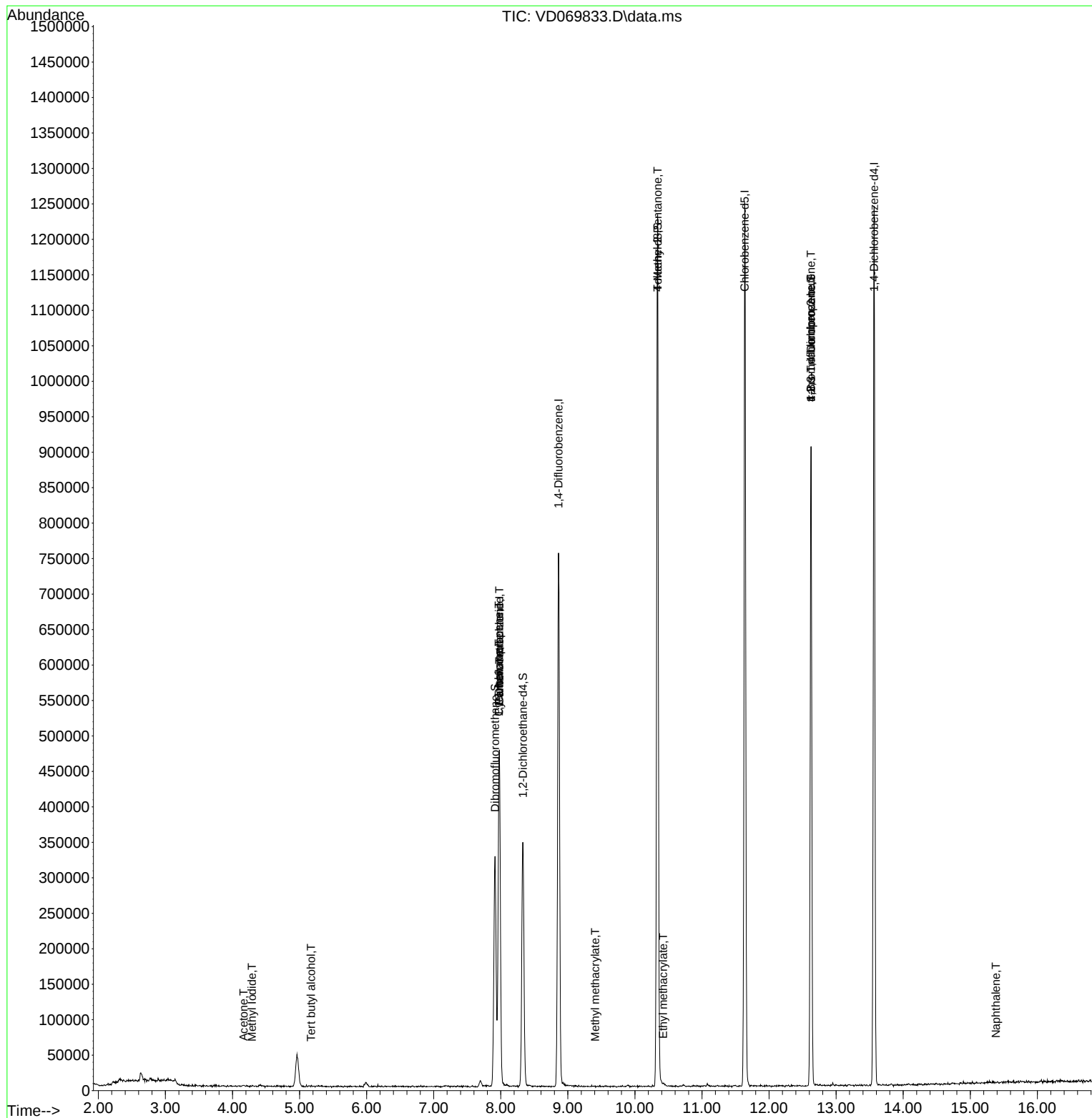
Internal Standards						
1) Pentafluorobenzene	7.979	168	342986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	282160	71.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.060%
35) Dibromofluoromethane	7.914	113	238017	57.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.960%
50) Toluene-d8	10.338	98	851449	53.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.580%
62) 4-Bromofluorobenzene	12.626	95	309773	58.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	2561	Below Cal	#	69
10) Methyl Iodide	4.291	142	776	3.632	ug/l #	67
11) Tert butyl alcohol	5.173	59	403	1.974	ug/l #	73
16) Acetone	4.167	43	2274	3.191	ug/l #	84
31) Cyclohexane	7.973	56	9013	1.169	ug/l #	40
36) 1,1-Dichloropropene	7.973	75	33166	4.719	ug/l #	49
38) Carbon Tetrachloride	7.979	117	37608	5.858	ug/l #	16
48) Methyl methacrylate	9.408	41	65	2.772	ug/l #	13
51) 4-Methyl-2-Pentanone	10.338	43	3290	1.378	ug/l #	1
56) Ethyl methacrylate	10.420	69	70	3.910	ug/l #	28
76) 1,2,3-Trichloropropane	12.626	75	155221	45.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	155221	137.597	ug/l #	16
95) Naphthalene	15.384	128	209	5.016	ug/l #	69

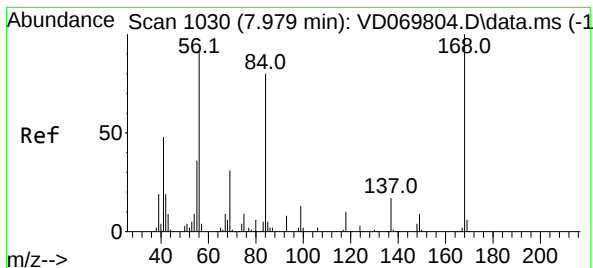
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 24 01:35:45 2021
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Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
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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: VD069833.D

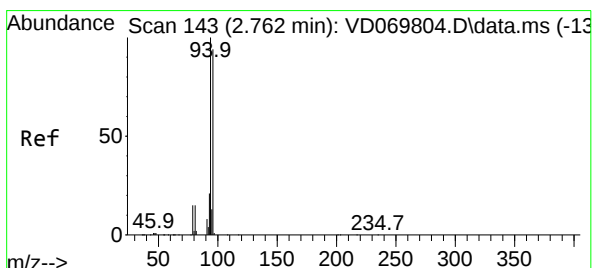
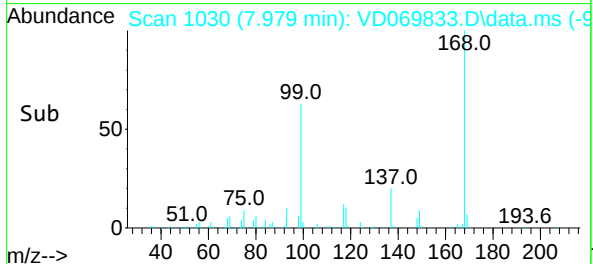
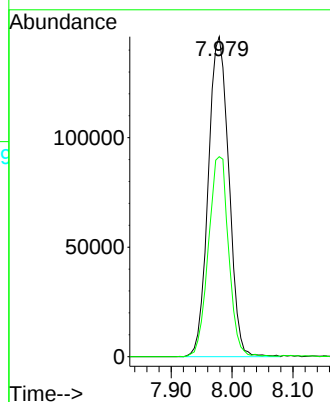
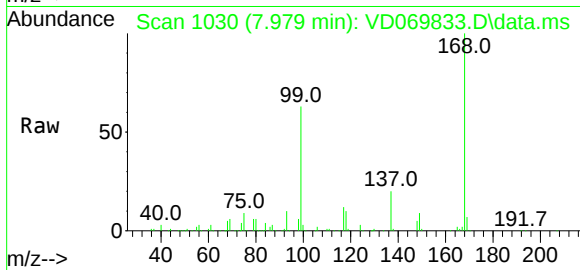
Acq: 23 Jul 2021 17:16

Tgt Ion:168 Resp: 342986

Ion Ratio Lower Upper

168 100

99 62.4 51.1 76.7



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.017 min

Lab File: VD069833.D

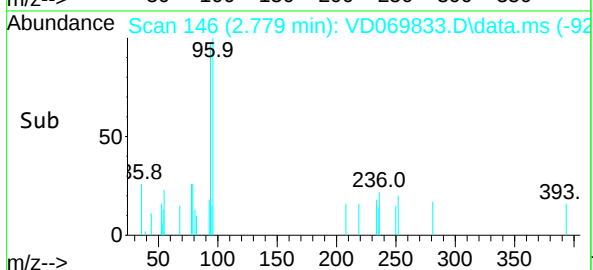
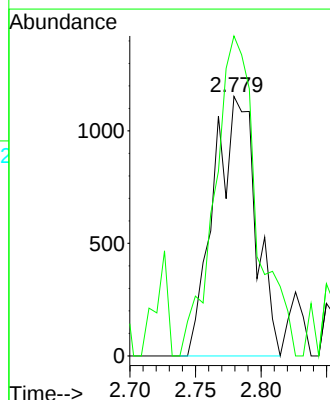
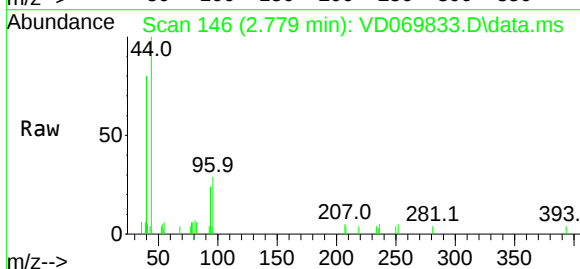
Acq: 23 Jul 2021 17:16

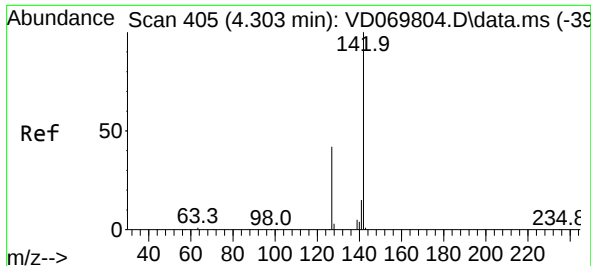
Tgt Ion: 94 Resp: 2561

Ion Ratio Lower Upper

94 100

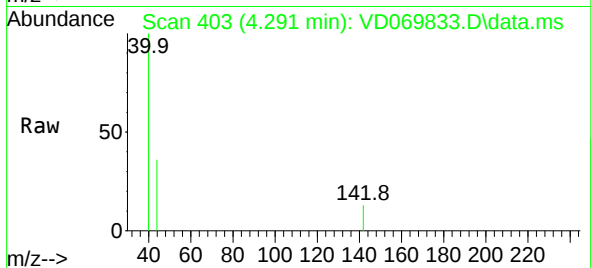
96 123.3 74.8 112.2#



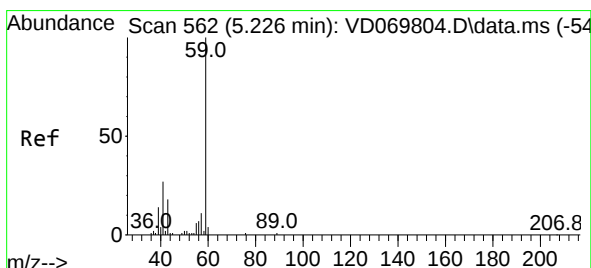
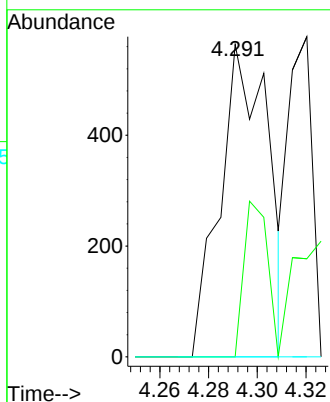
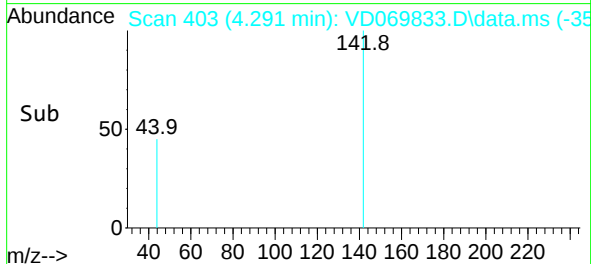


#10
Methyl Iodide
Concen: 3.632 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

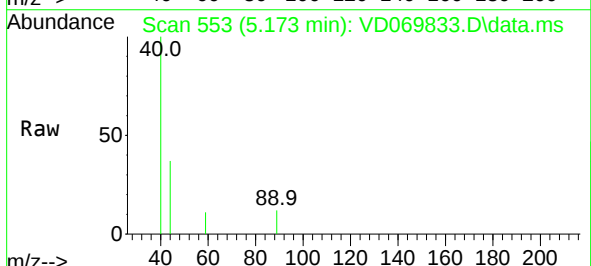
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5



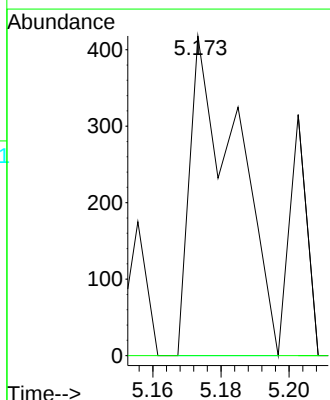
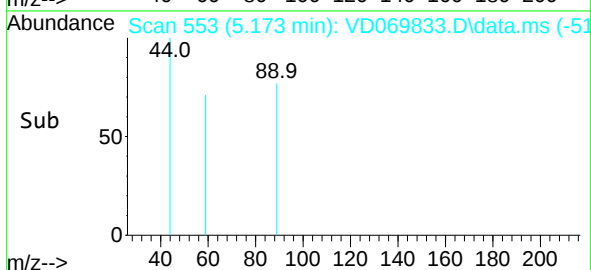
Tgt Ion:142 Resp: 776
Ion Ratio Lower Upper
142 100
127 24.2 35.7 53.5#
141 0.0 12.0 18.0#

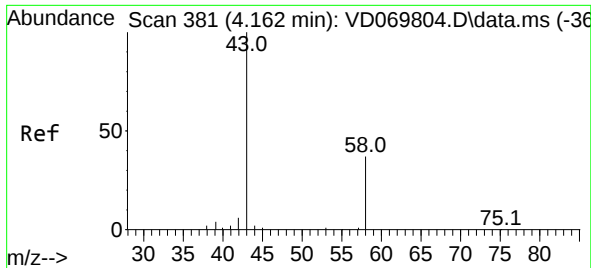


#11
Tert butyl alcohol
Concen: 1.974 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.053 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16



Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

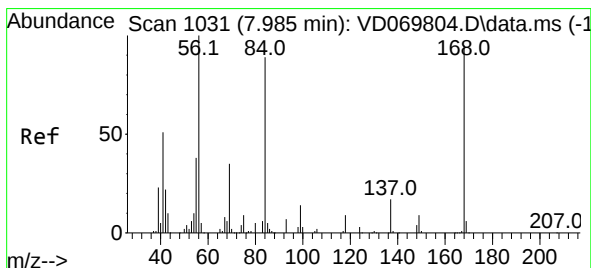
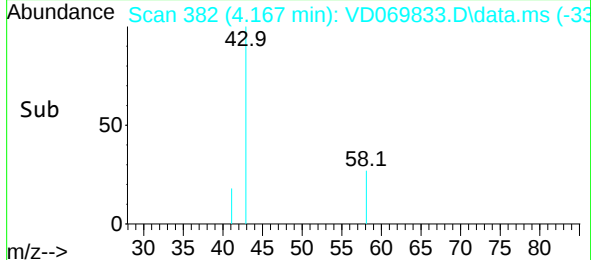
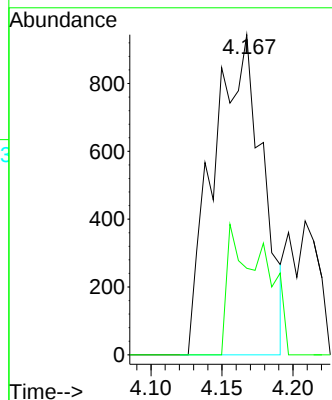
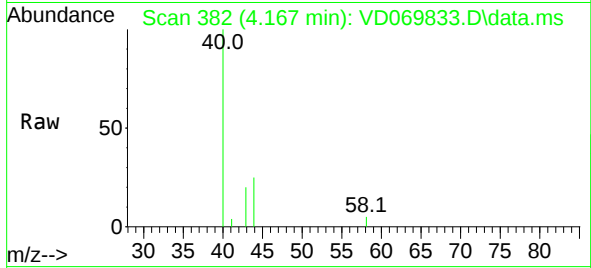




#16
Acetone
Concen: 3.191 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

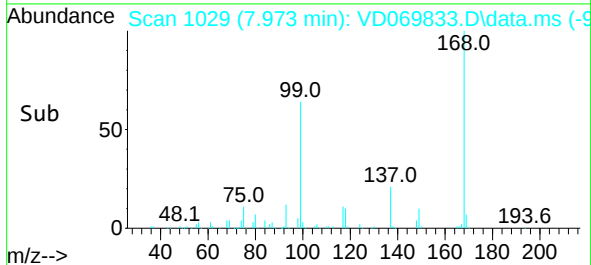
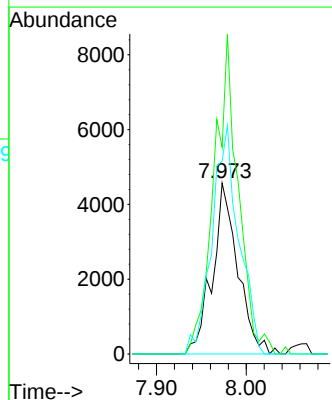
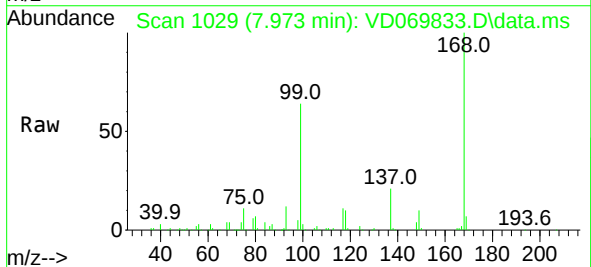
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

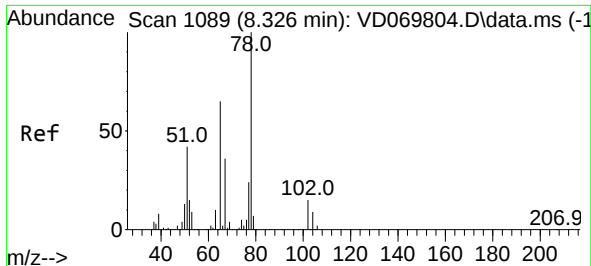
Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
58 27.0 29.4 44.0#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 56 Resp: 9013
Ion Ratio Lower Upper
56 100
69 120.9 27.9 41.9#
84 112.8 71.4 107.2#

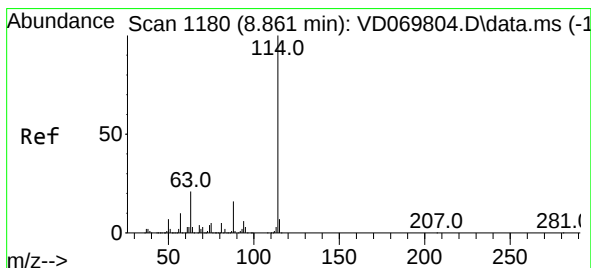
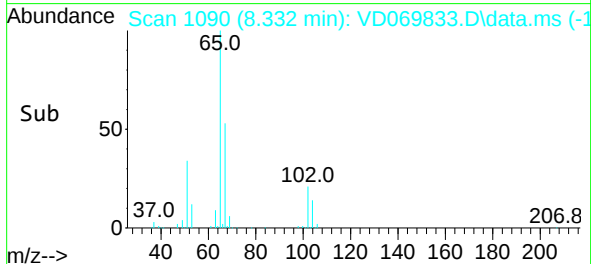
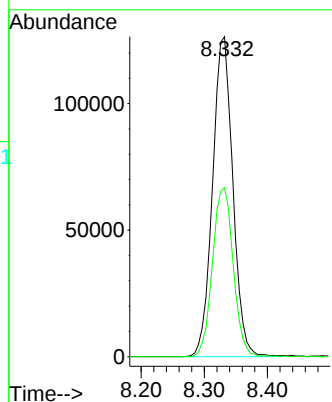
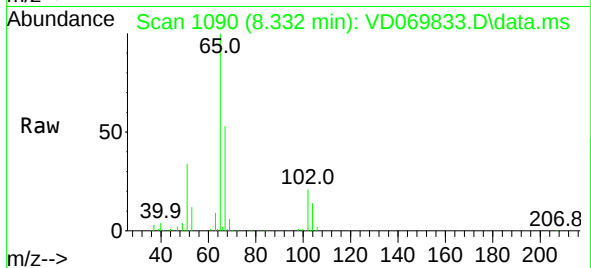




#33
1,2-Dichloroethane-d4
Concen: 71.530 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

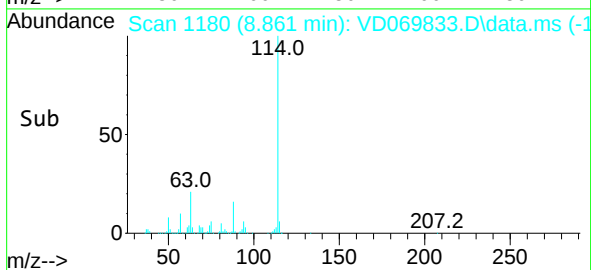
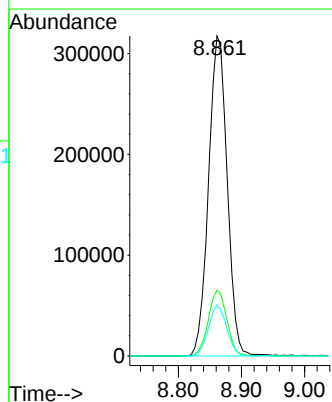
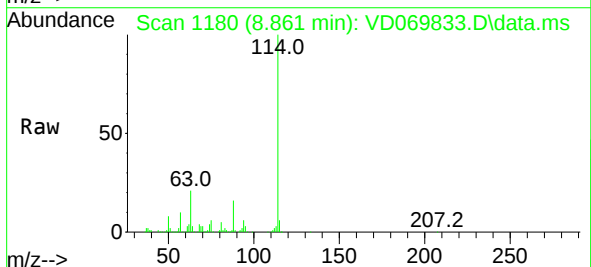
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

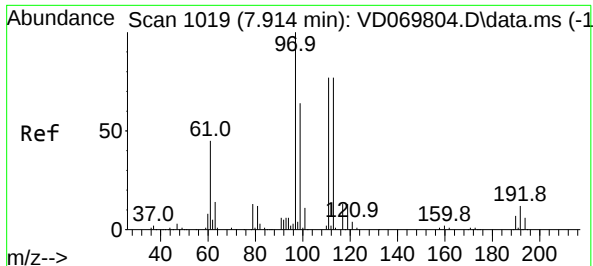
Tgt Ion: 65 Resp: 282160
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 114 Resp: 651231
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.977 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069833.D

Acq: 23 Jul 2021 17:16

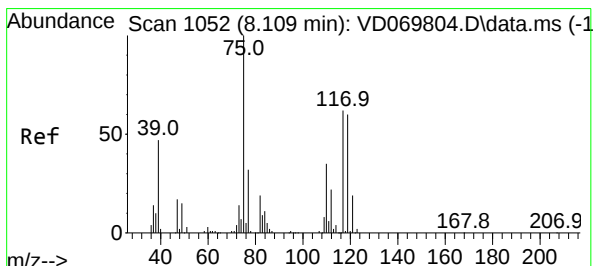
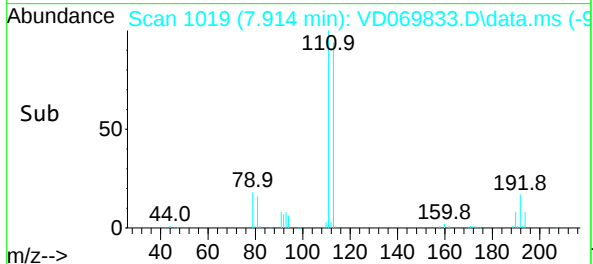
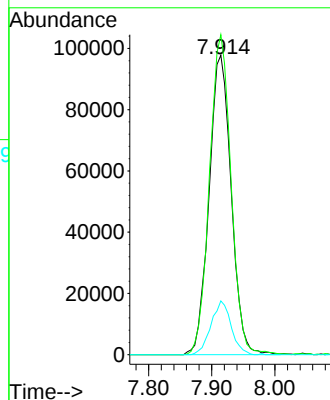
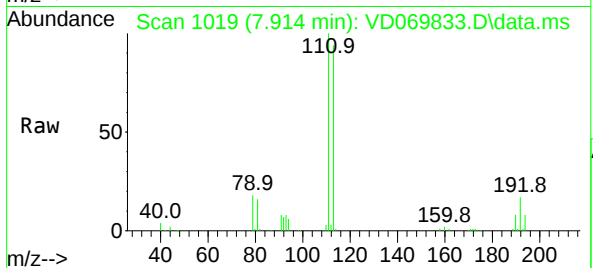
Tgt Ion:113 Resp: 238017

Ion Ratio Lower Upper

113 100

111 104.3 80.5 120.7

192 16.3 12.6 19.0



#36

1,1-Dichloropropene

Concen: 4.719 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD069833.D

Acq: 23 Jul 2021 17:16

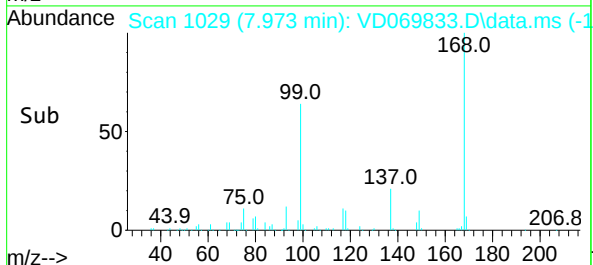
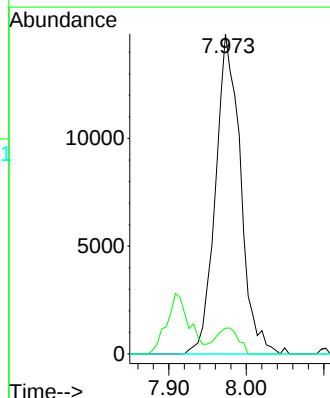
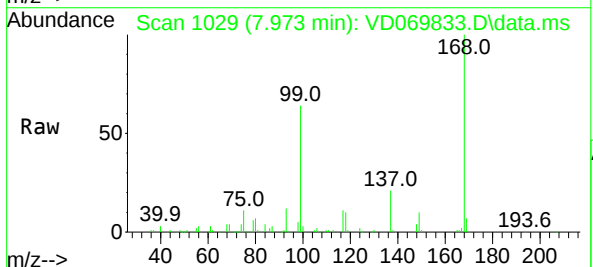
Tgt Ion: 75 Resp: 33166

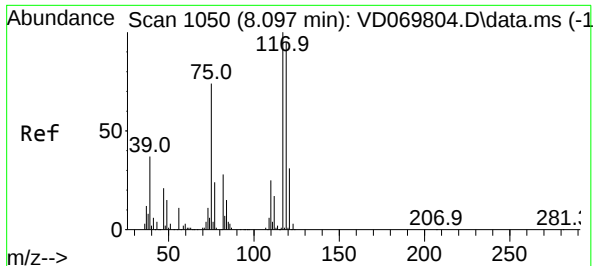
Ion Ratio Lower Upper

75 100

110 7.3 16.9 50.7#

77 0.0 24.9 37.3#

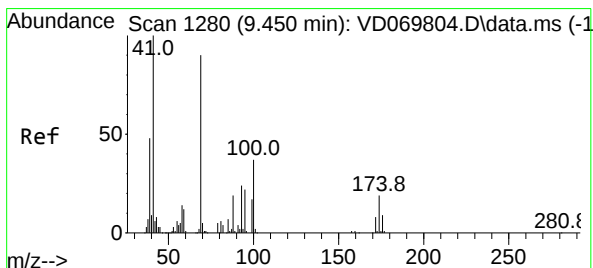
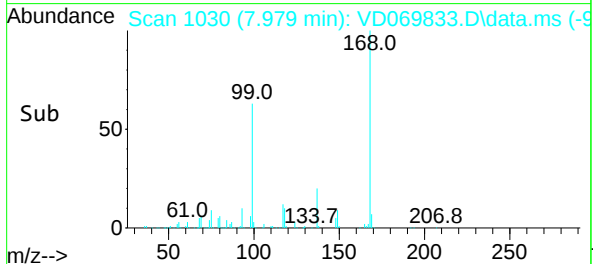
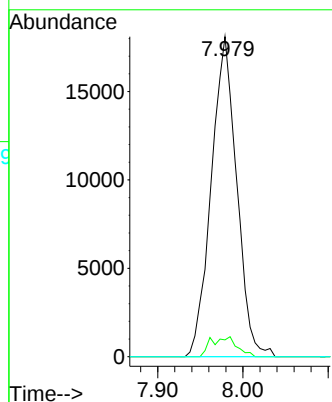
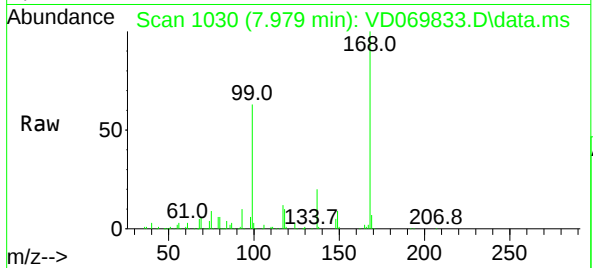




#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

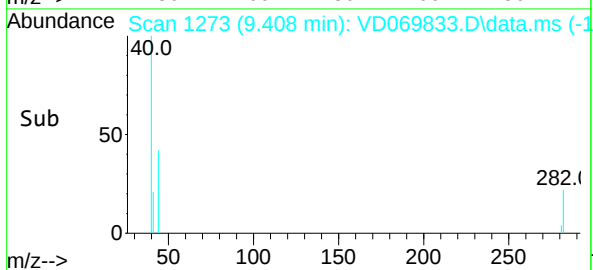
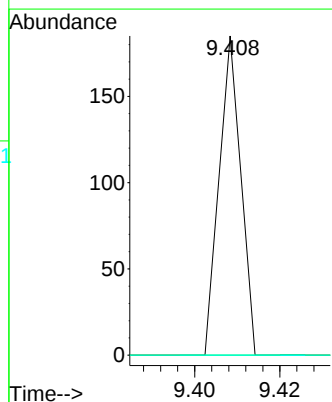
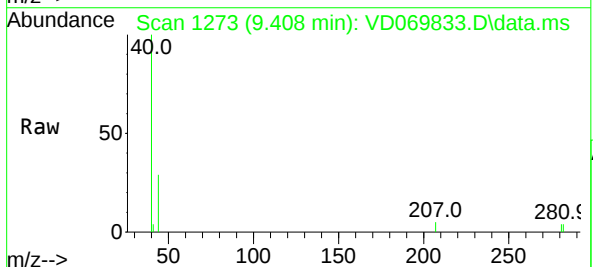
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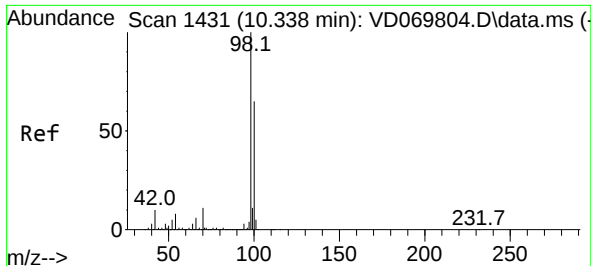
Tgt Ion:117 Resp: 37608
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 2.772 ug/l
RT: 9.408 min Scan# 1273
Delta R.T. -0.042 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#

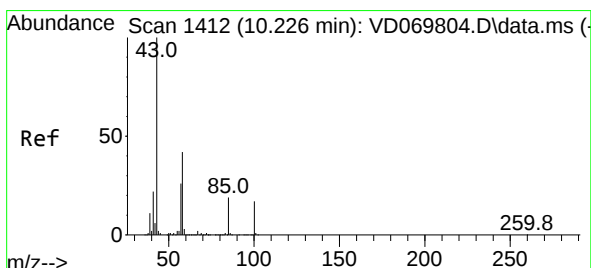
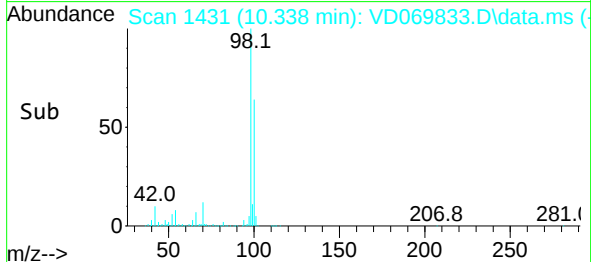
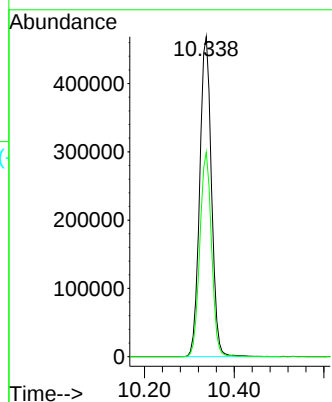
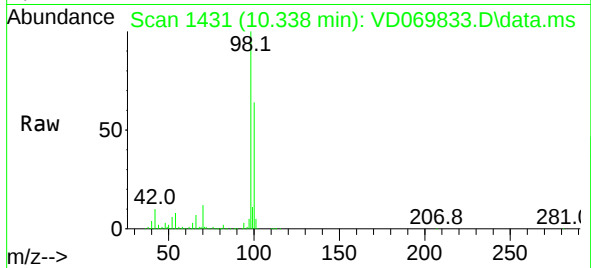




#50
Toluene-d8
Concen: 53.787 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

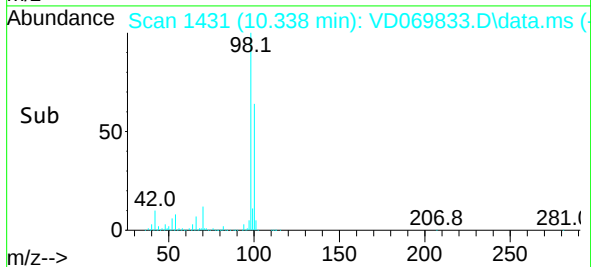
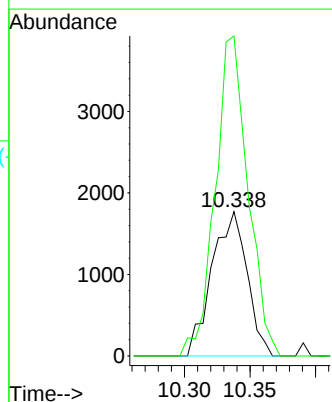
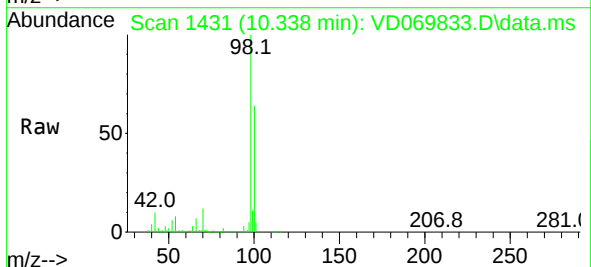
Instrument :
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ClientSampleId :
NJ-CLEAN-5

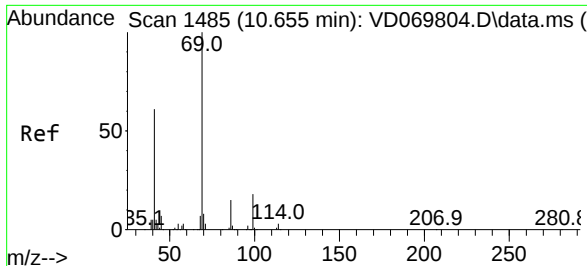
Tgt Ion: 98 Resp: 851449
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.378 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 43 Resp: 3290
Ion Ratio Lower Upper
43 100
58 206.8 33.7 50.5#

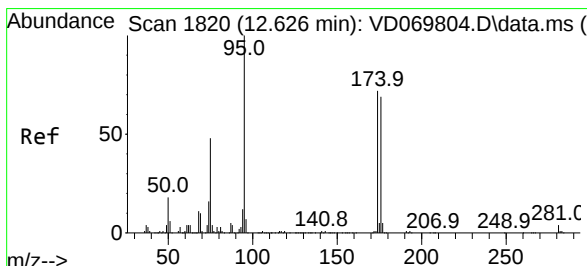
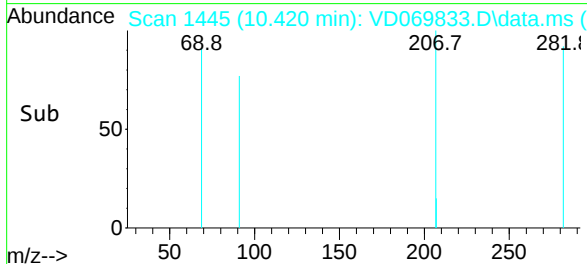
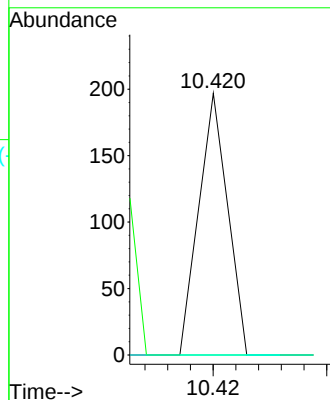
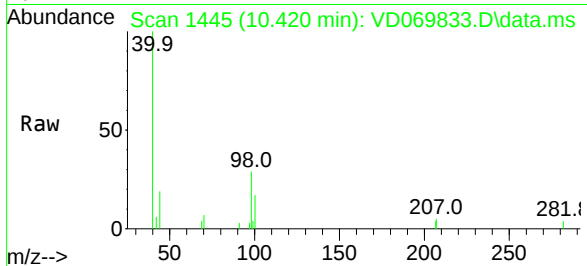




#56
Ethyl methacrylate
Concen: 3.910 ug/l
RT: 10.420 min Scan# 1445
Delta R.T. -0.235 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

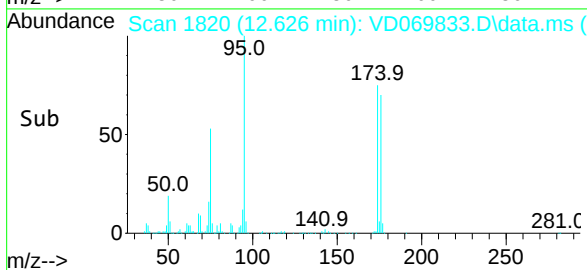
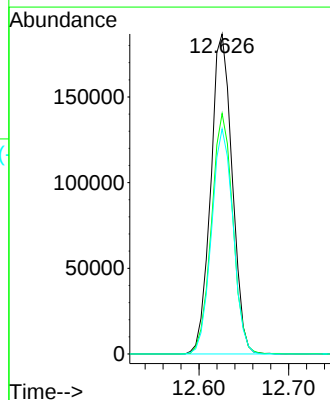
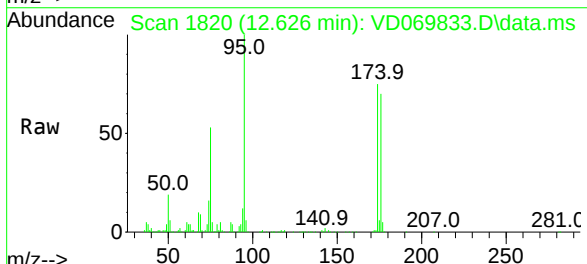
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

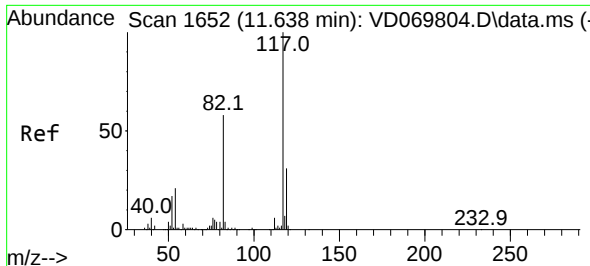
Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 0.0 22.0 33.0#



#62
4-Bromofluorobenzene
Concen: 58.553 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 95 Resp: 309773
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 70.7 0.0 134.2

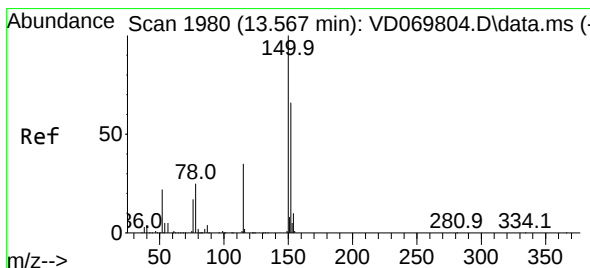
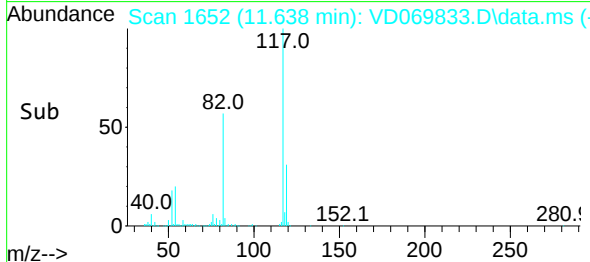
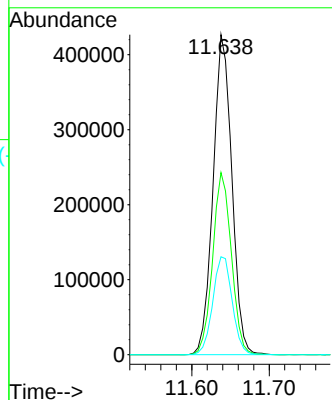
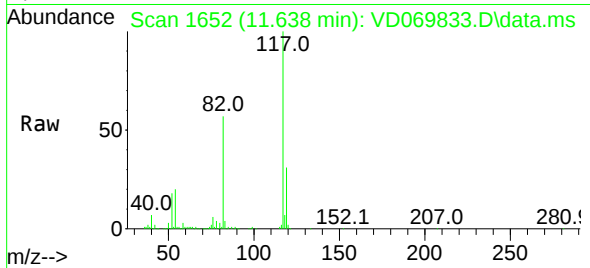




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

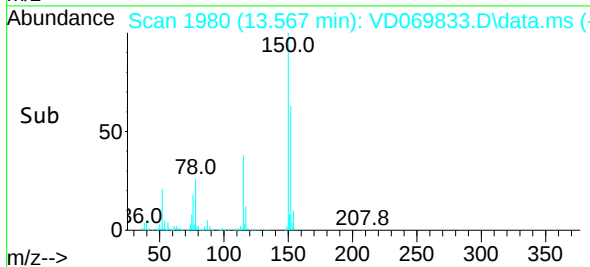
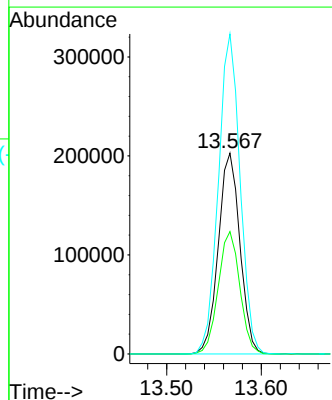
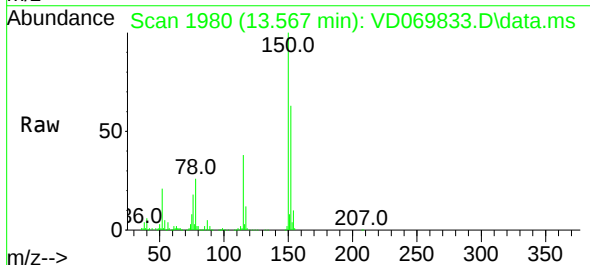
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

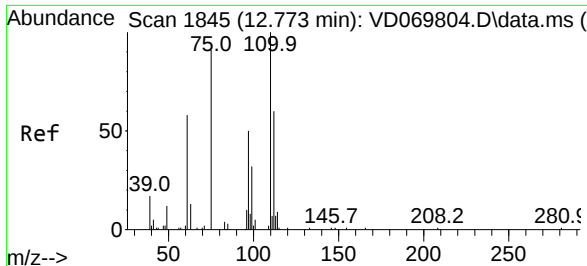
Tgt Ion:117 Resp: 718294
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 30.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion:152 Resp: 321970
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.3
150 159.8 0.0 343.0

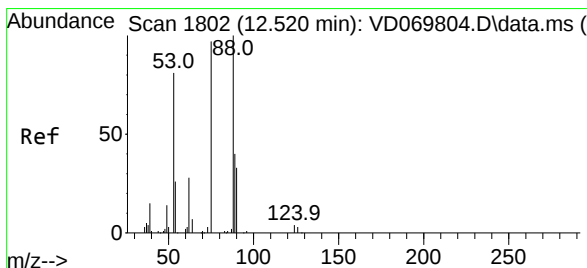
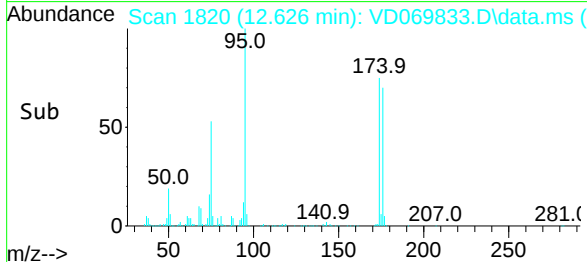
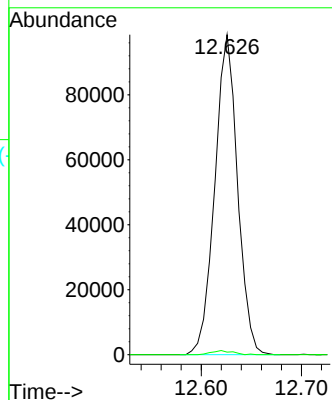
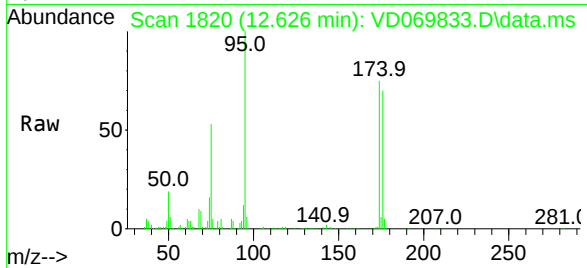




#76
1,2,3-Trichloropropane
Concen: 45.356 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

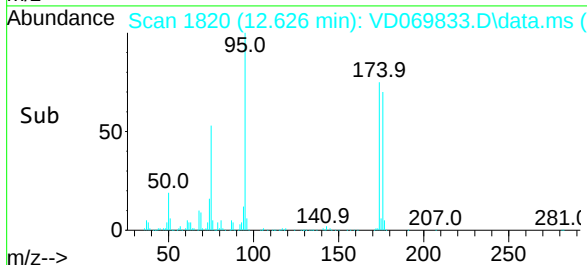
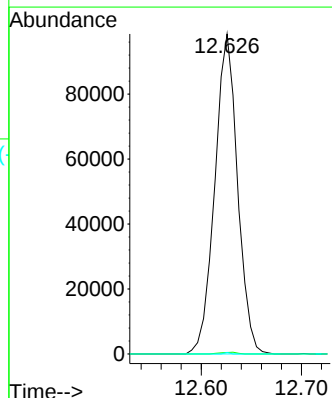
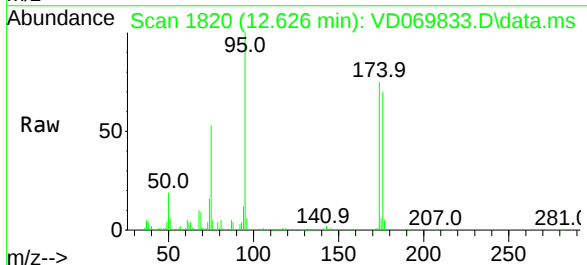
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

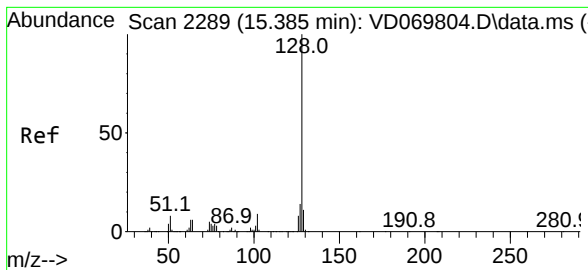
Tgt Ion: 75 Resp: 155221
Ion Ratio Lower Upper
75 100
77 1.2 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.597 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Tgt Ion: 75 Resp: 155221
Ion Ratio Lower Upper
75 100
53 0.4 67.2 100.8#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 5.016 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069833.D
Acq: 23 Jul 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-5

Tgt Ion:128 Resp: 209
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

