

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069818.D
 Acq On : 22 Jul 2021 20:05
 Operator : VA/SY
 Sample : M3117-08
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NJ-CLEAN-8

Quant Time: Jul 23 05:04:16 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)

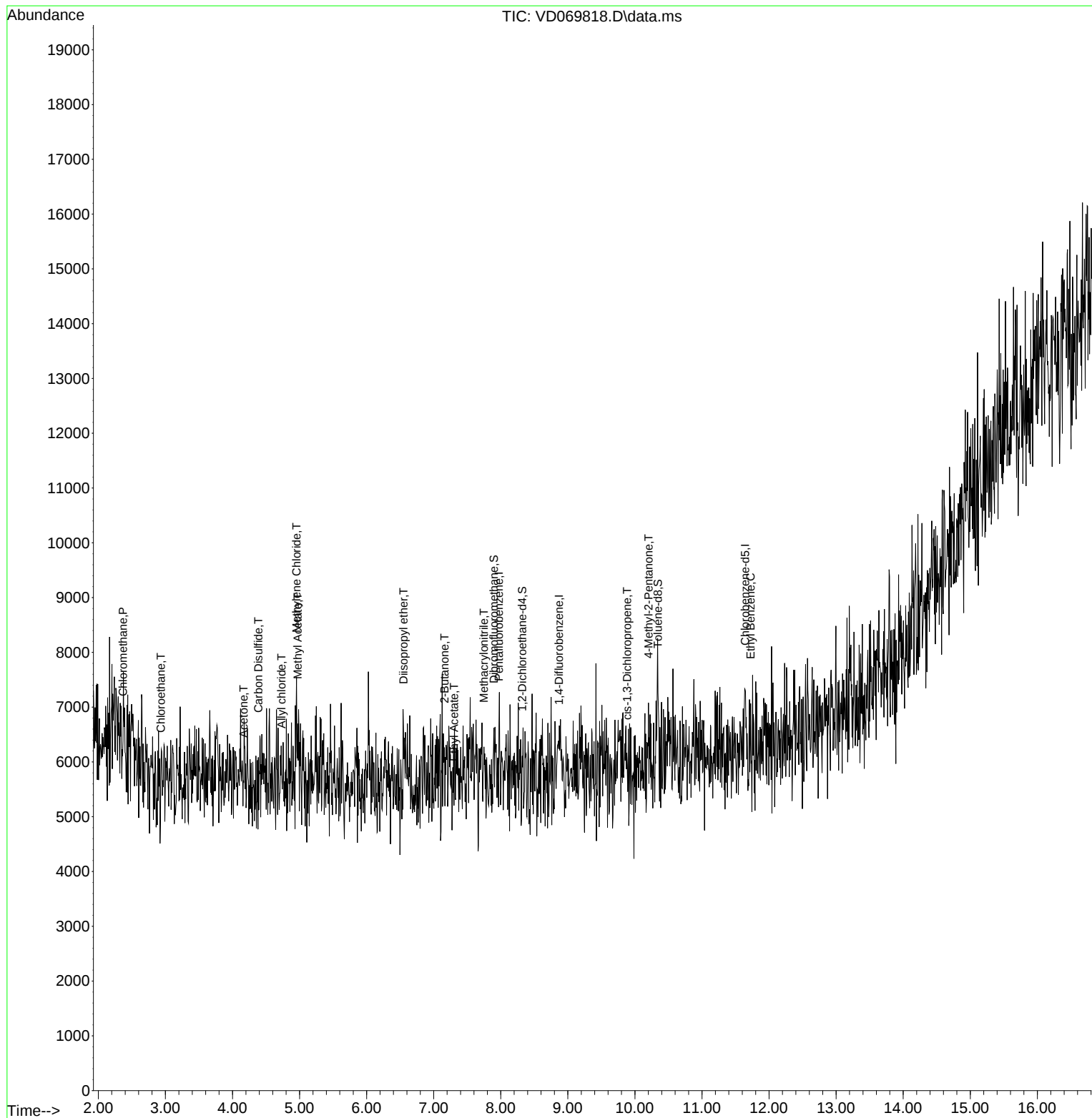
Internal Standards						
1) Pentafluorobenzene	7.973	168	245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	717	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	75	26.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	53.240%
35) Dibromofluoromethane	7.897	113	184	66.036	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.080%
50) Toluene-d8	10.344	98	888	82.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	165.300%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
						Qvalue
3) Chloromethane	2.367	50	55	14.703	ug/l	# 43
6) Chloroethane	2.932	64	91	35.684	ug/l	# 40
14) Allyl chloride	4.732	41	68	16.546	ug/l	# 26
16) Acetone	4.167	43	87	170.920	ug/l	# 38
17) Carbon Disulfide	4.385	76	92	9.179	ug/l	# 75
18) Methyl Acetate	4.973	43	72	48.751	ug/l	# 48
20) Methylene Chloride	4.956	84	124	31.267	ug/l	# 44
22) Diisopropyl ether	6.550	45	137	15.340	ug/l	# 40
25) 2-Butanone	7.161	43	174	252.072	ug/l	# 46
37) Ethyl Acetate	7.302	43	54	31.098	ug/l	# 67
41) Methacrylonitrile	7.750	41	99	108.639	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.202	43	84	51.832	ug/l	# 34
54) cis-1,3-Dichloropropene	9.885	75	74	15.709	ug/l	# 39
67) Ethyl Benzene	11.726	91	134	5.124	ug/l	# 44

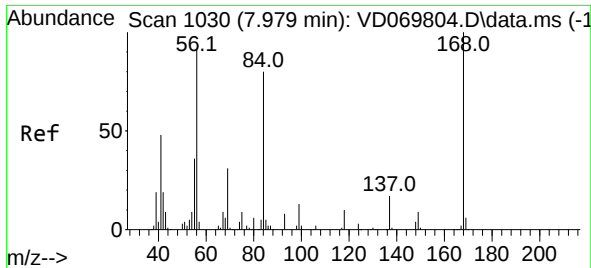
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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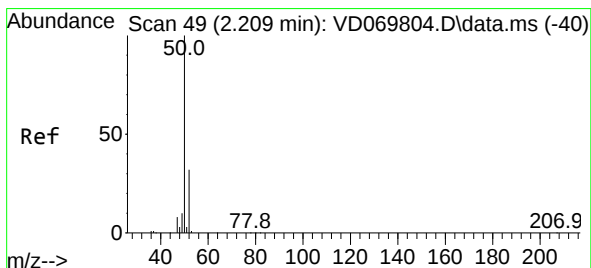
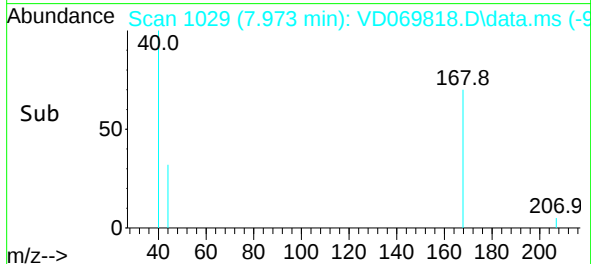
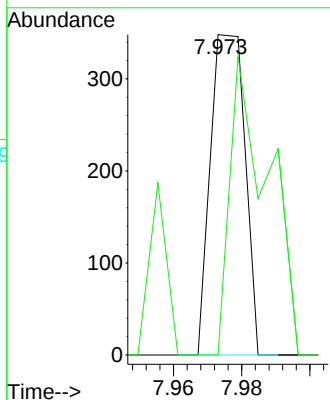
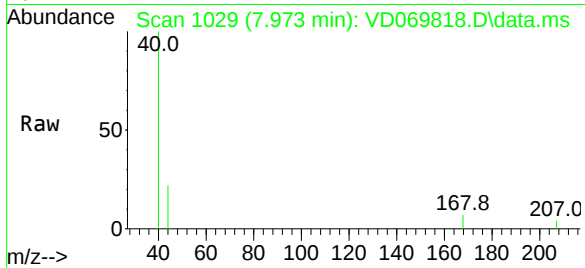




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

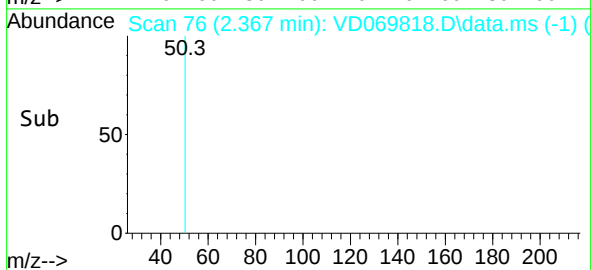
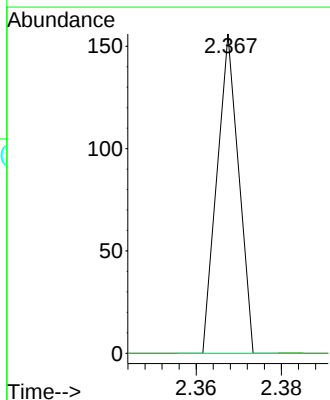
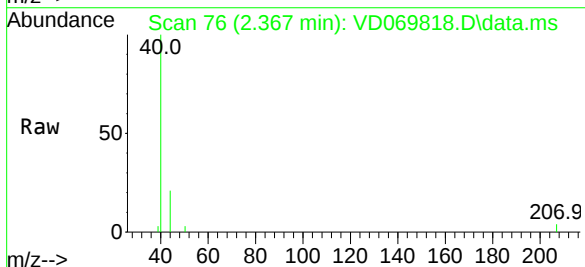
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

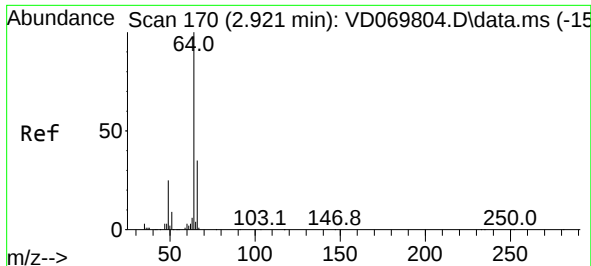
Tgt Ion:168 Resp: 245
Ion Ratio Lower Upper
168 100
99 0.0 51.1 76.7#



#3
Chloromethane
Concen: 14.703 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.159 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 50 Resp: 55
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

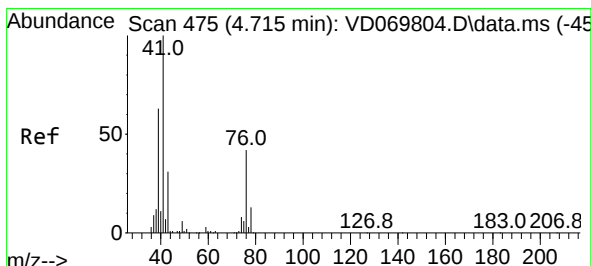
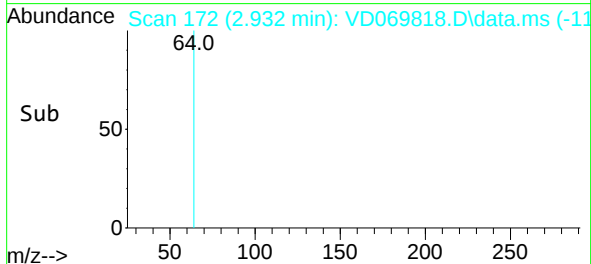
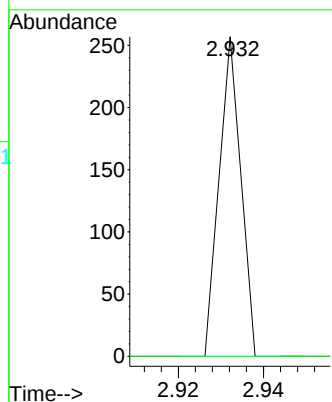
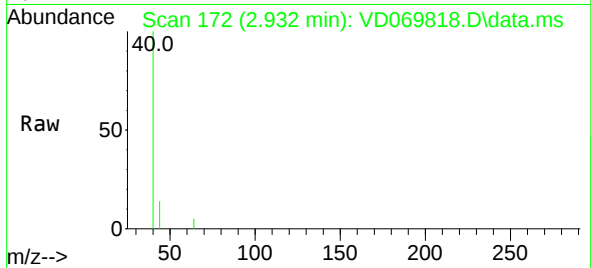




#6
Chloroethane
Concen: 35.684 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.012 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

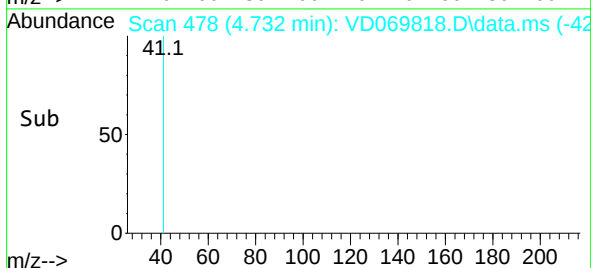
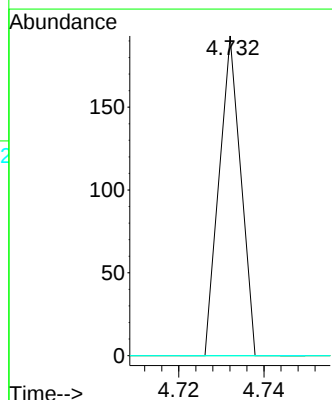
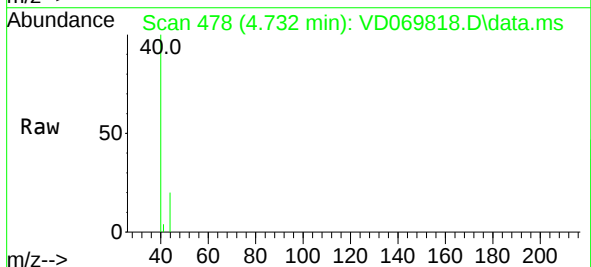
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

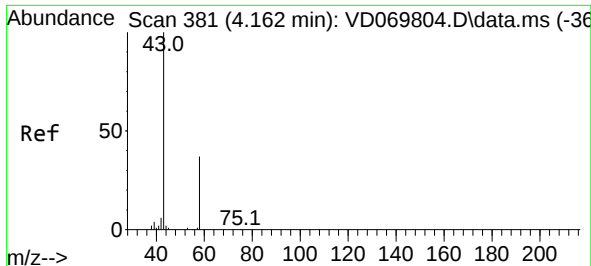
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 27.8 41.6#



#14
Allyl chloride
Concen: 16.546 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 0.0 49.8 74.6#
76 0.0 31.8 47.8#

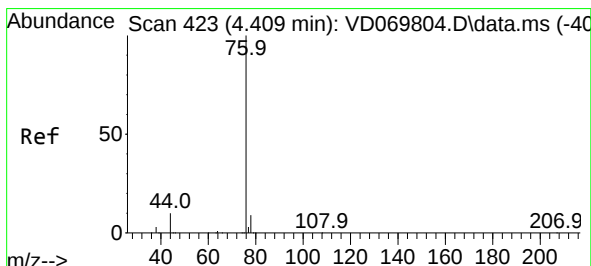
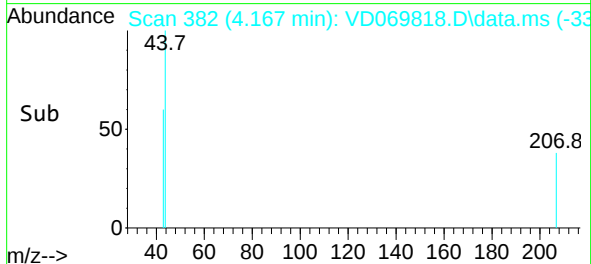
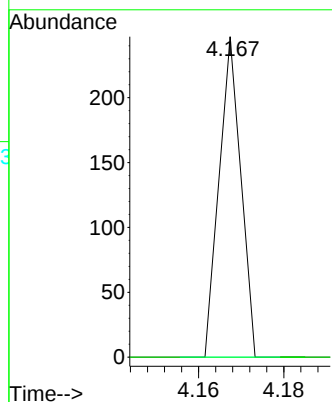
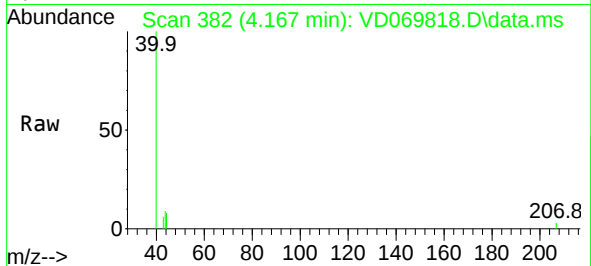




#16
Acetone
Concen: 170.920 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

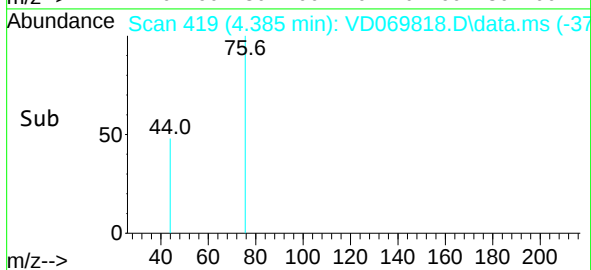
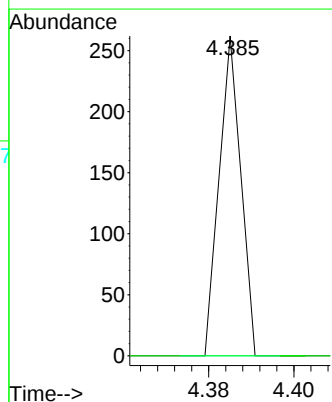
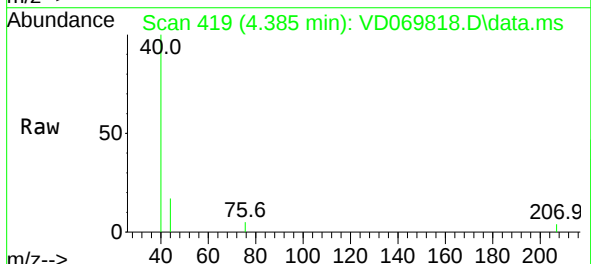
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

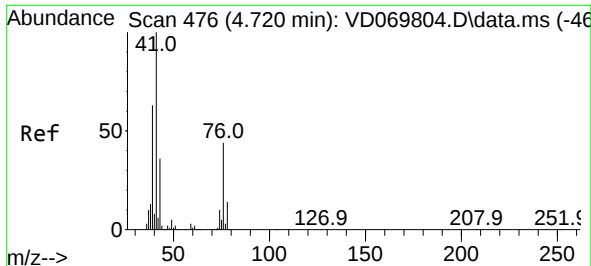
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



#17
Carbon Disulfide
Concen: 9.179 ug/l
RT: 4.385 min Scan# 419
Delta R.T. -0.024 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 76 Resp: 92
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

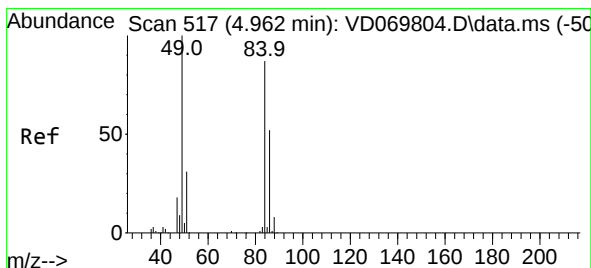
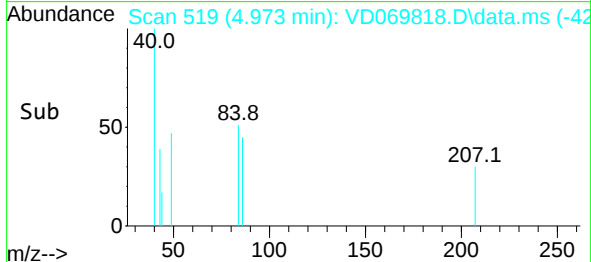
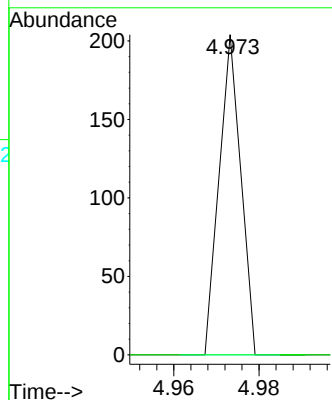
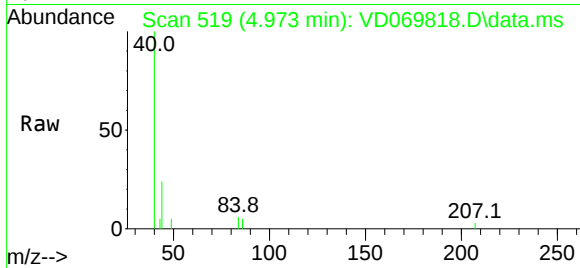




#18
Methyl Acetate
Concen: 48.751 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.253 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

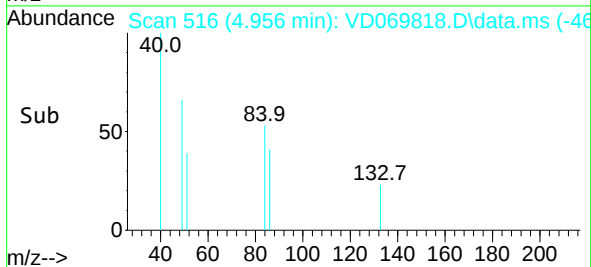
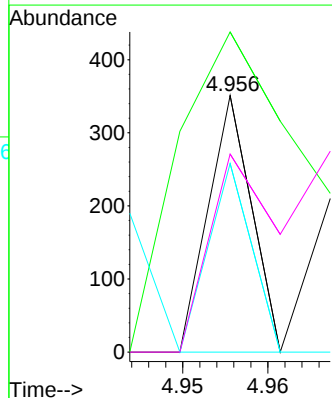
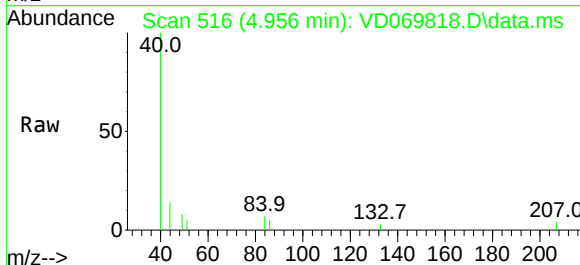
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

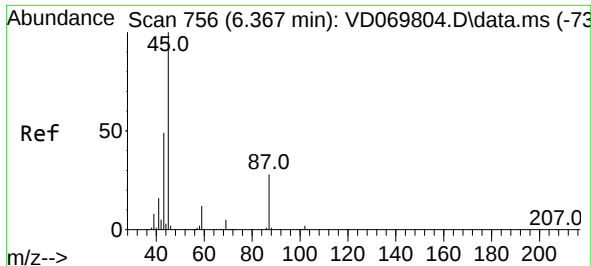
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#20
Methylene Chloride
Concen: 31.267 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

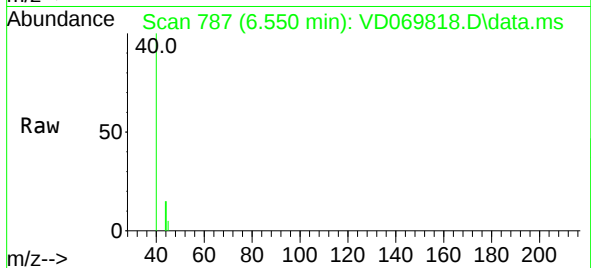
Tgt Ion: 84 Resp: 124
Ion Ratio Lower Upper
84 100
49 38.7 92.4 138.6#
51 73.5 28.5 42.7#
86 77.2 48.2 72.4#



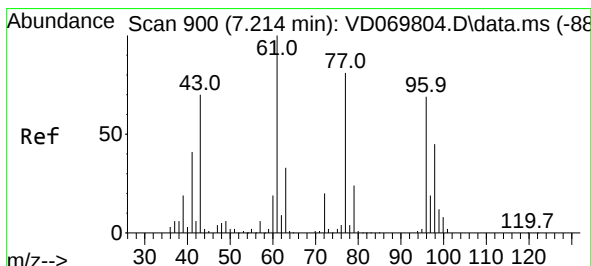
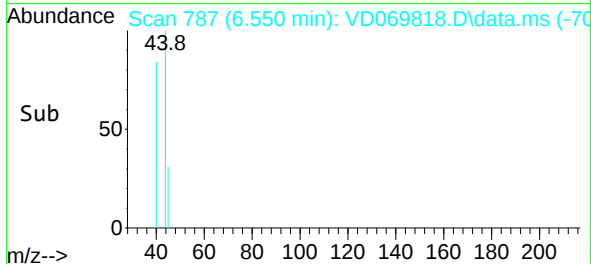
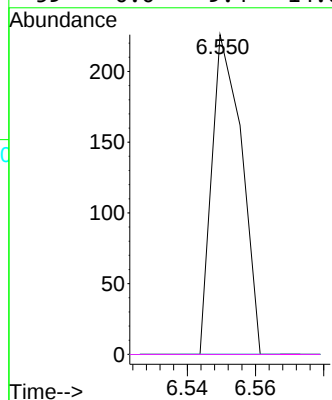


#22
Diisopropyl ether
Concen: 15.340 ug/l
RT: 6.550 min Scan# 787
Delta R.T. 0.182 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

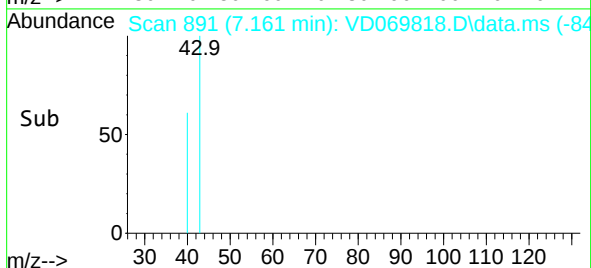
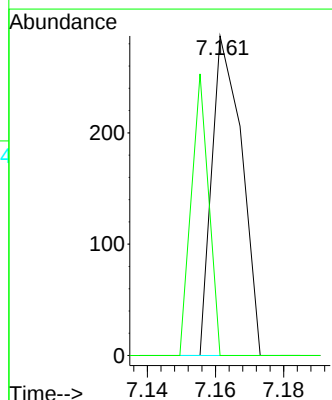
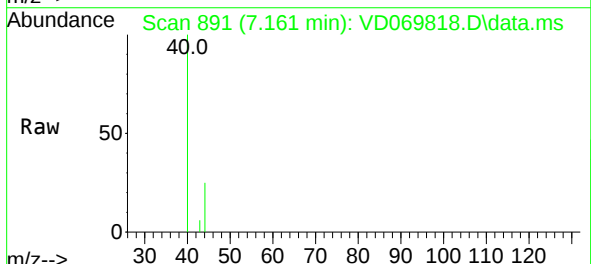


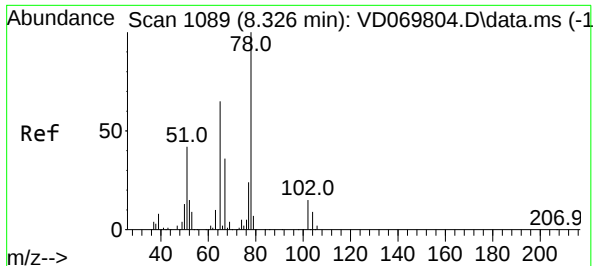
Tgt Ion	Ratio	Lower	Upper
45	100		
43	0.0	39.2	58.8#
87	0.0	22.3	33.5#
59	0.0	9.4	14.0#



#25
2-Butanone
Concen: 252.072 ug/l
RT: 7.161 min Scan# 891
Delta R.T. -0.053 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

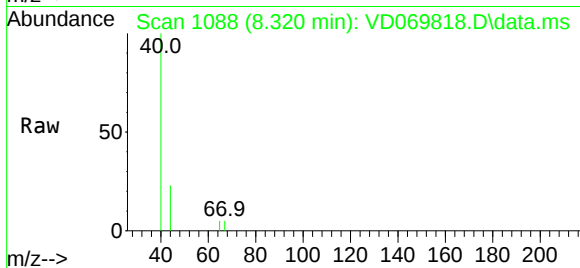
Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#



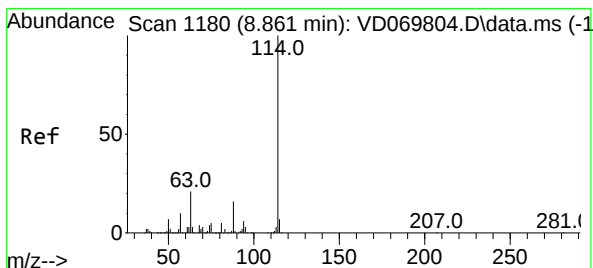
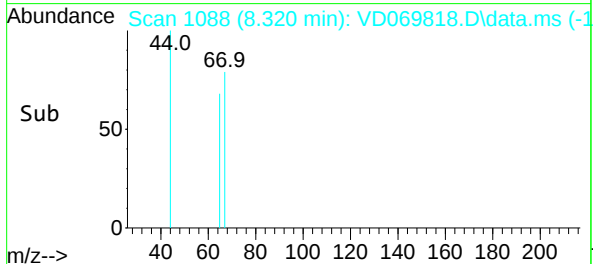
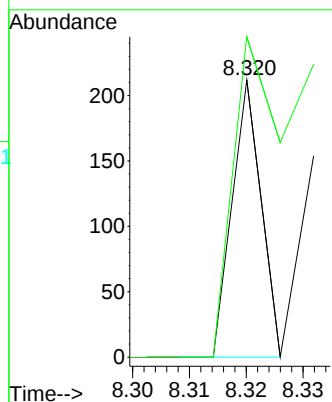


#33
1,2-Dichloroethane-d4
Concen: 26.617 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

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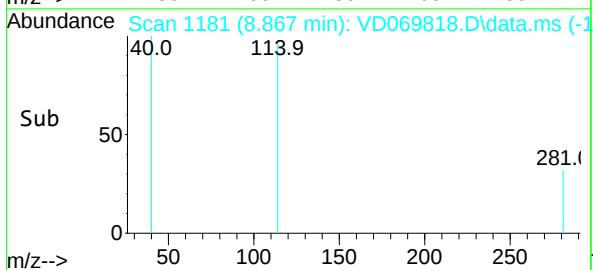
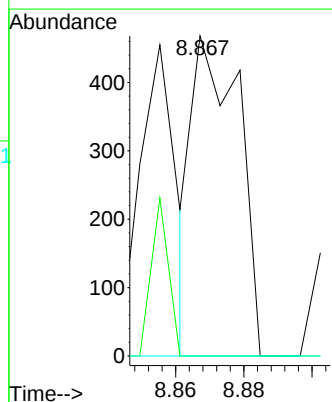
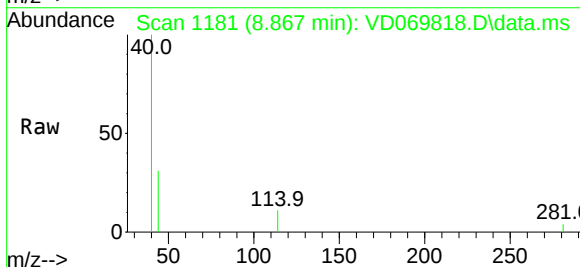


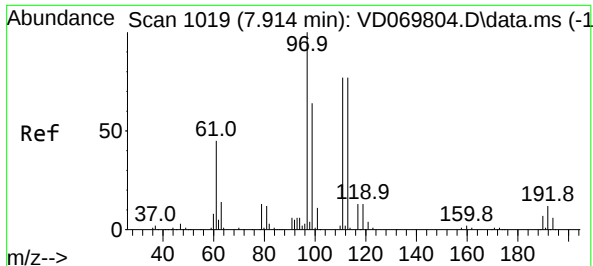
Tgt Ion: 65 Resp: 75
Ion Ratio Lower Upper
65 100
67 297.3 0.0 111.2#



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 114 Resp: 442
Ion Ratio Lower Upper
114 100
63 0.0 0.0 41.6
88 0.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 66.036 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.018 min

Lab File: VD069818.D

Acq: 22 Jul 2021 20:05

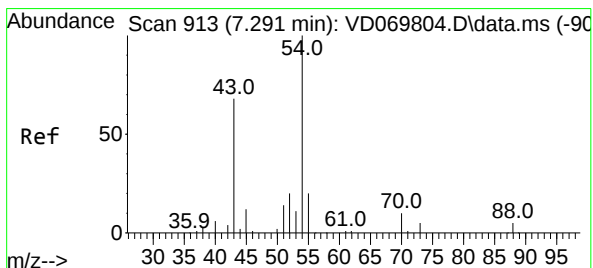
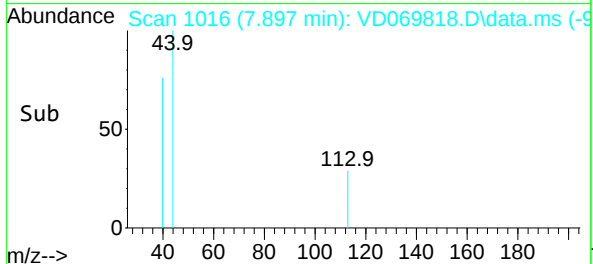
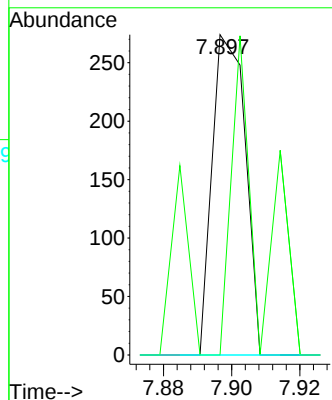
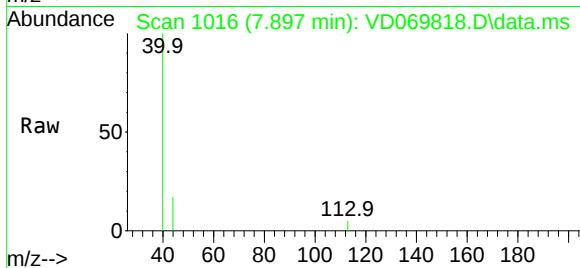
Tgt Ion:113 Resp: 184

Ion Ratio Lower Upper

113 100

111 85.9 80.5 120.7

192 0.0 12.6 19.0#



#37

Ethyl Acetate

Concen: 31.098 ug/l

RT: 7.302 min Scan# 915

Delta R.T. 0.012 min

Lab File: VD069818.D

Acq: 22 Jul 2021 20:05

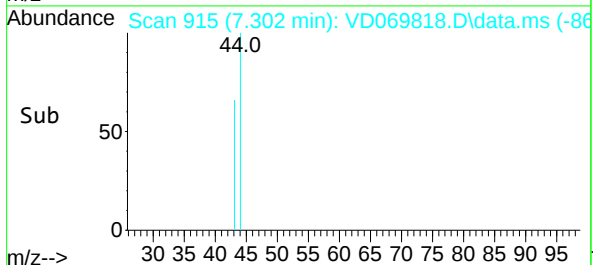
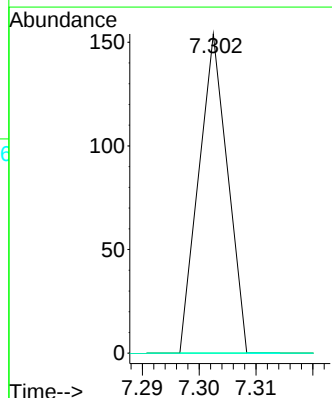
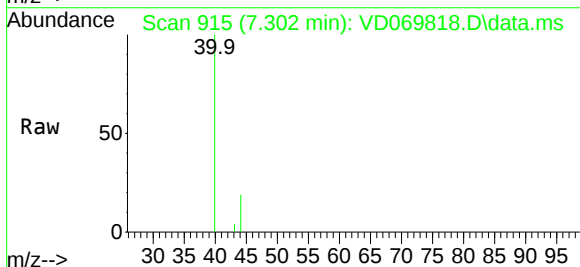
Tgt Ion: 43 Resp: 54

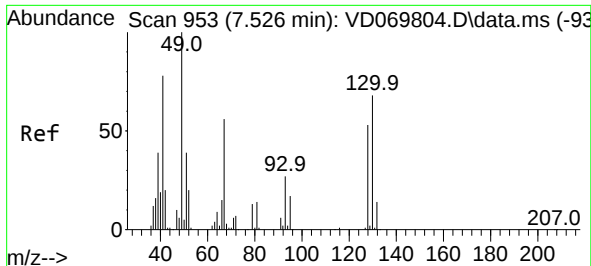
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

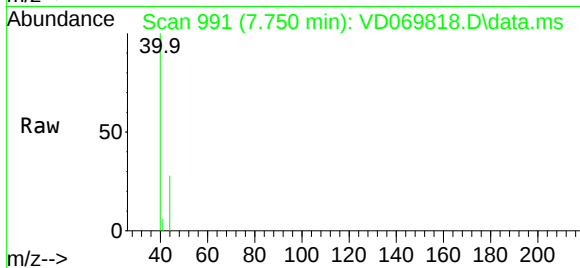
70 0.0 8.9 13.3#



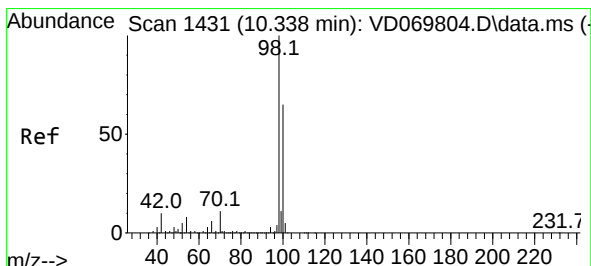
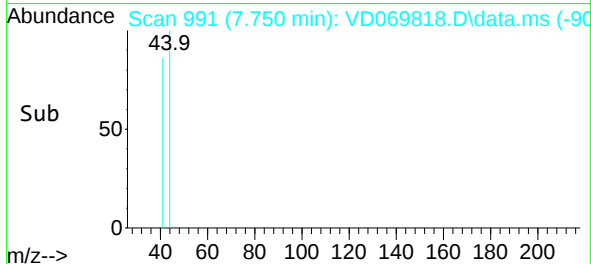
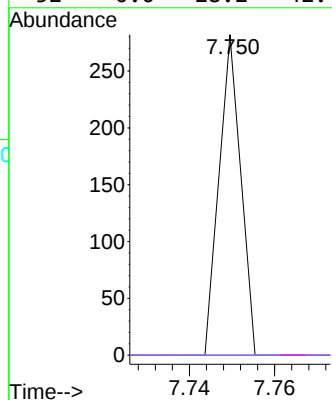


#41
Methacrylonitrile
Concen: 108.639 ug/l
RT: 7.750 min Scan# 991
Delta R.T. 0.223 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

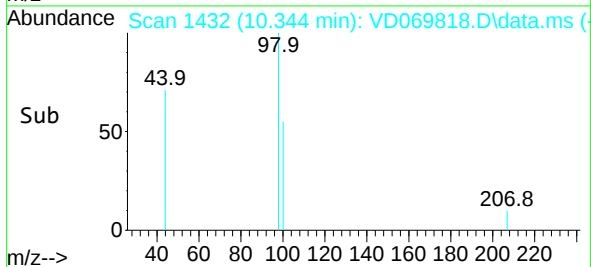
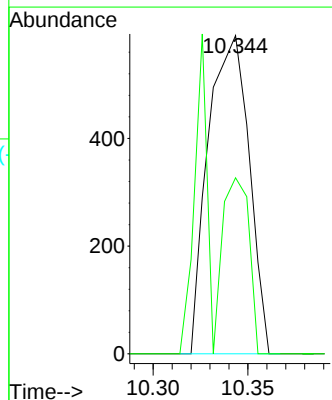
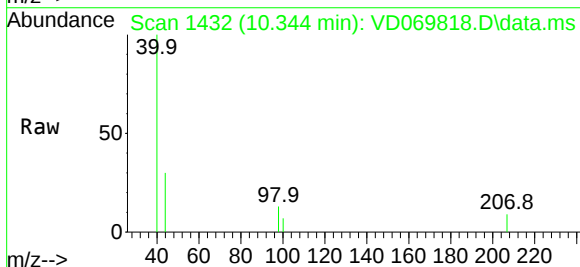


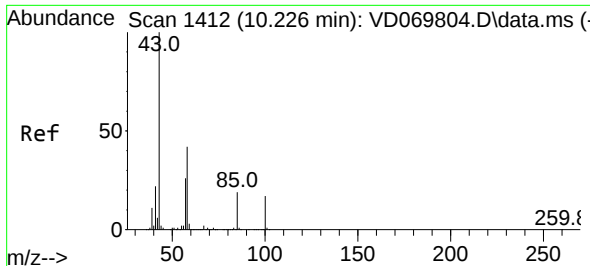
Tgt Ion:	41	Resp:	99
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	69.3	103.9#
52	0.0	28.2	42.4#



#50
Toluene-d8
Concen: 82.650 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion:	98	Resp:	888
Ion	Ratio	Lower	Upper
98	100		
100	24.7	51.9	77.9#

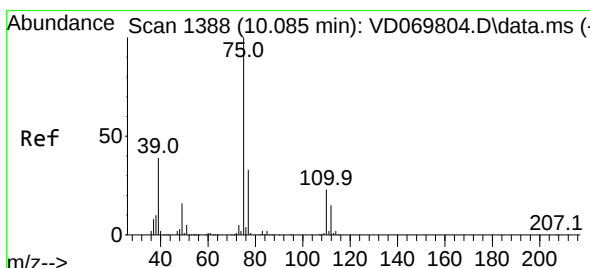
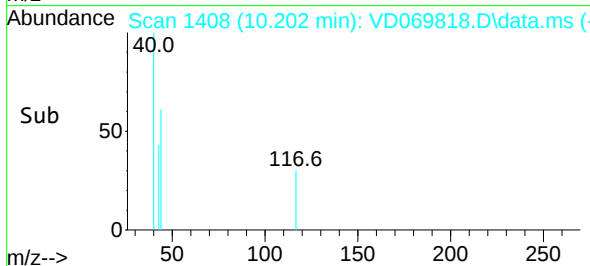
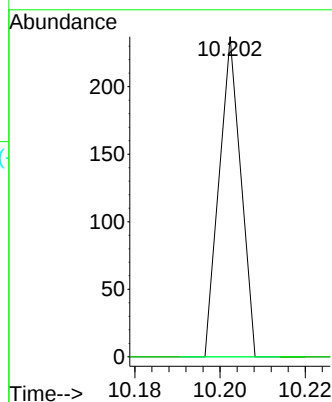
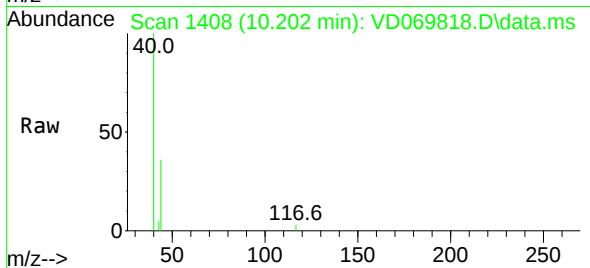




#51
4-Methyl-2-Pentanone
Concen: 51.832 ug/l
RT: 10.202 min Scan# 1408
Delta R.T. -0.024 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

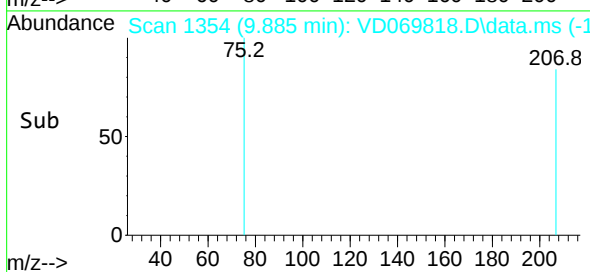
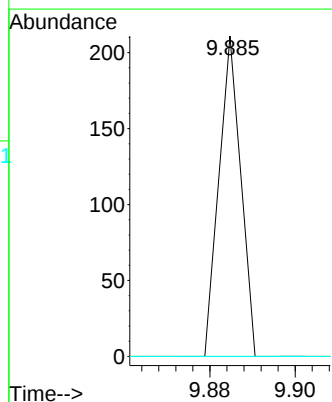
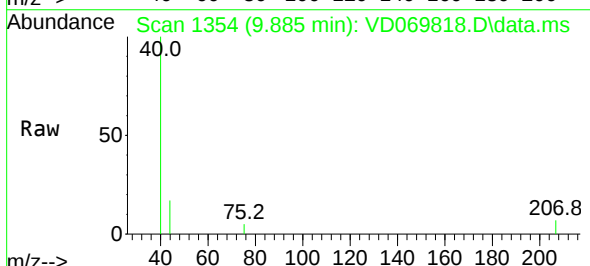
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

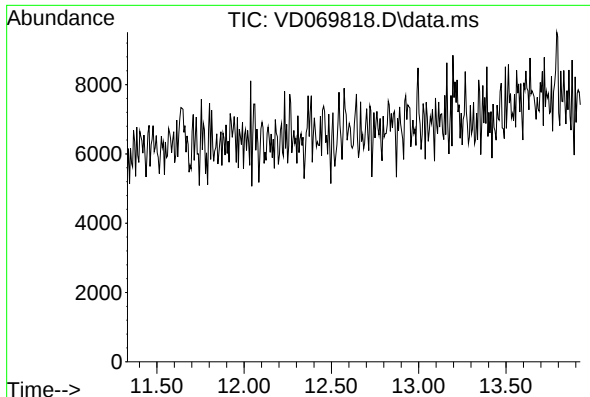
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 33.7 50.5#



#54
cis-1,3-Dichloropropene
Concen: 15.709 ug/l
RT: 9.885 min Scan# 1354
Delta R.T. -0.200 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
77 0.0 26.3 39.5#
39 0.0 31.0 46.6#



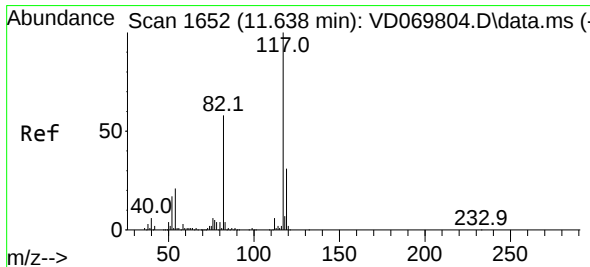
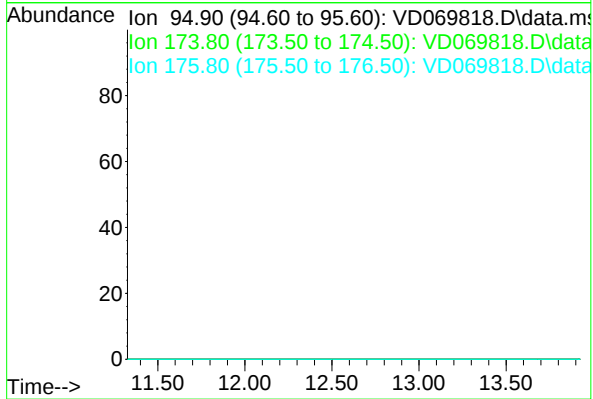


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

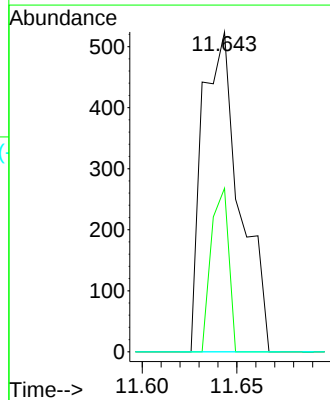
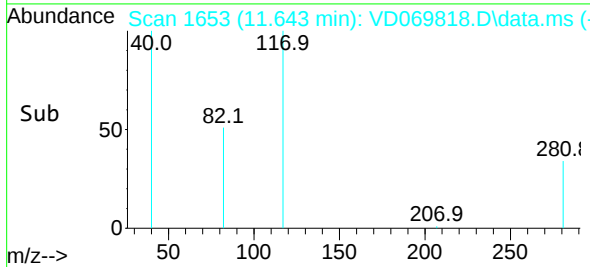
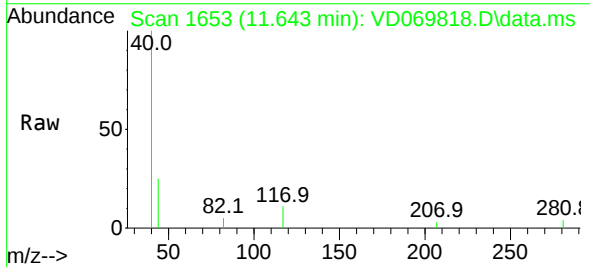
Tgt Ion: 95
Sig Exp Ratio
95 100
174 71.3
176 67.1

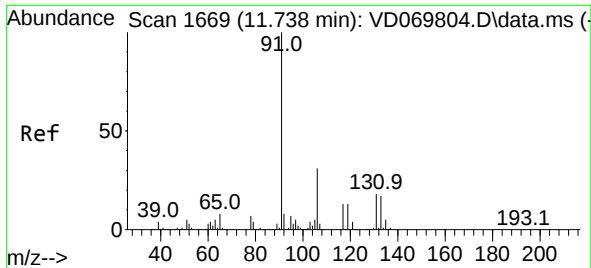
Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 117 Resp: 717
Ion Ratio Lower Upper
117 100
82 51.1 46.3 69.5
119 0.0 24.7 37.1#

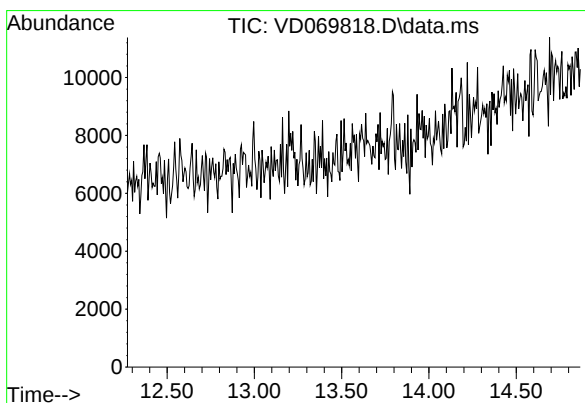
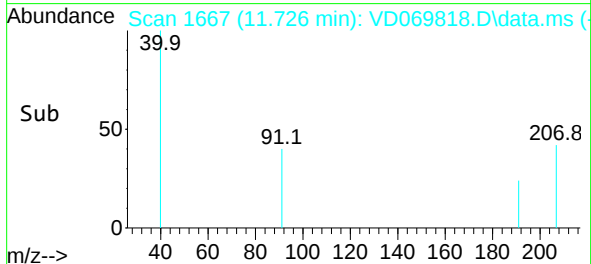
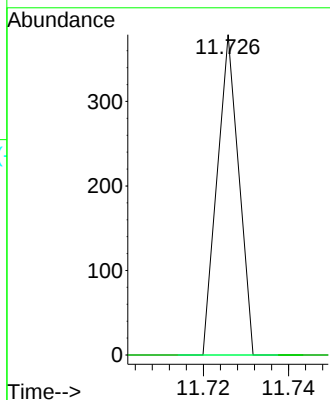
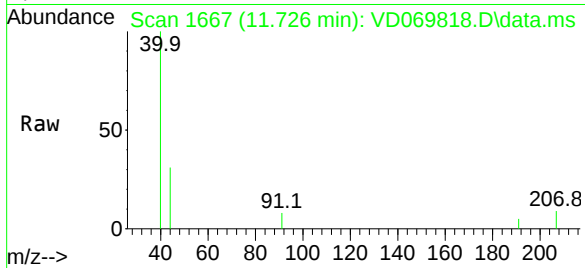




#67
Ethyl Benzene
Concen: 5.124 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.012 min
Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Instrument :
MSVOA_D
ClientSampleId :
NJ-CLEAN-8

Tgt Ion: 91 Resp: 134
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD069818.D
Acq: 22 Jul 2021 20:05

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.2
150 171.5

