

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069179.D
 Acq On : 14 May 2021 16:22
 Operator : VA/SY
 Sample : M2392-22
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-3.5-4.0

Quant Time: May 15 02:35:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

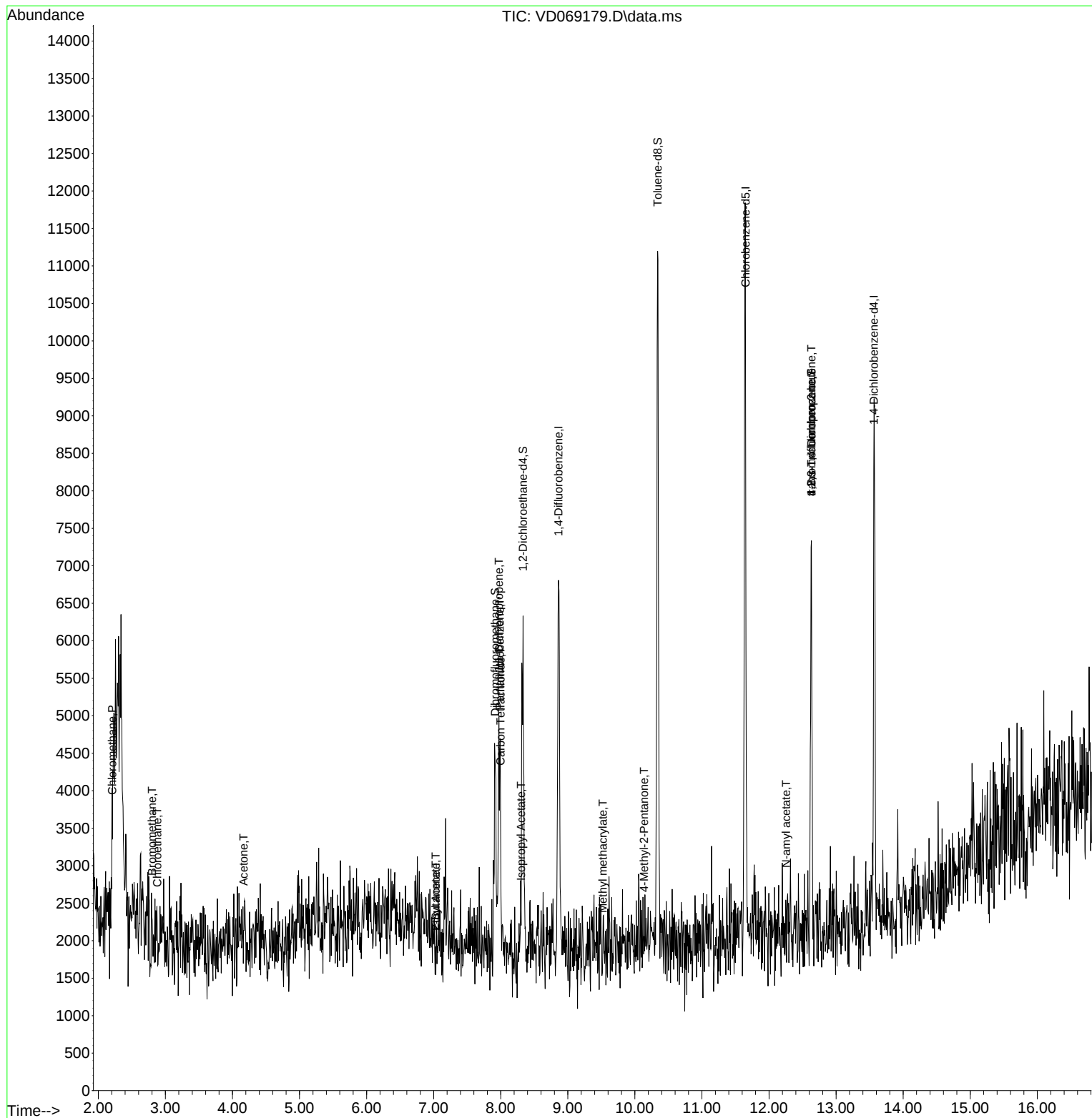
Internal Standards						
1) Pentafluorobenzene	7.985	168	3124	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	5712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	5573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1853	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	3558	113.61	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	= 227.22%#		
35) Dibromofluoromethane	7.914	113	2113	56.84	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	= 113.68%		
50) Toluene-d8	10.338	98	6312	46.21	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	= 92.42%		
62) 4-Bromofluorobenzene	12.632	95	1851	42.12	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	= 84.24%		
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	140	3.67	ug/l	# 42
5) Bromomethane	2.803	94	82	2.17	ug/l	# 3
6) Chloroethane	2.879	64	92	2.84	ug/l	# 43
16) Acetone	4.168	43	83	17.30	ug/l	# 41
20) Methylene Chloride	4.968	84	243	Below Cal	#	14
25) 2-Butanone	7.032	43	100	15.39	ug/l	# 38
36) 1,1-Dichloropropene	7.973	75	250	4.50	ug/l	# 40
37) Ethyl Acetate	7.032	43	100	5.60	ug/l	# 66
38) Carbon Tetrachloride	7.997	117	67	1.08	ug/l	# 12
43) Isopropyl Acetate	8.303	43	72	2.22	ug/l	# 46
48) Methyl methacrylate	9.520	41	65	4.34	ug/l	# 4
51) 4-Methyl-2-Pentanone	10.138	43	84	5.04	ug/l	# 32
74) N-amyl acetate	12.255	43	56	2.64	ug/l	# 37
76) 1,2,3-Trichloropropane	12.632	75	989	71.00	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	989	143.42	ug/l	# 14

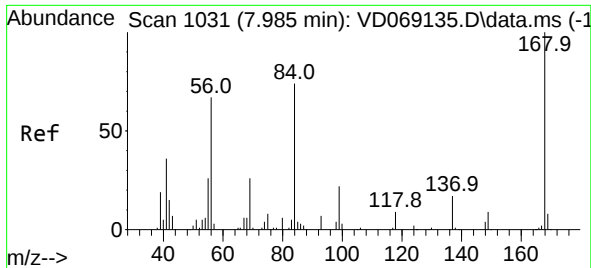
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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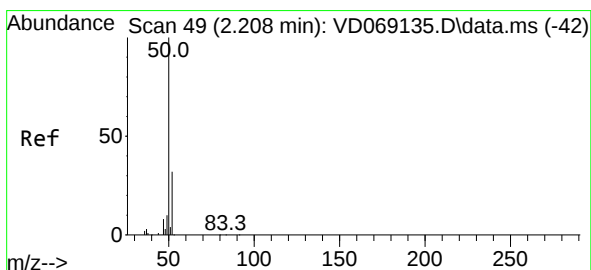
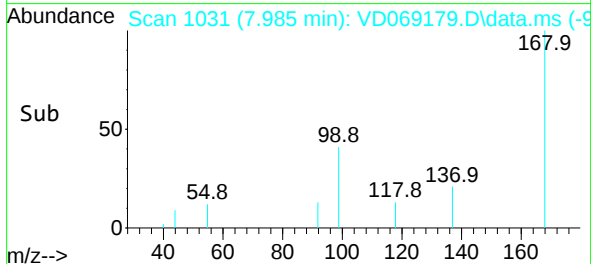
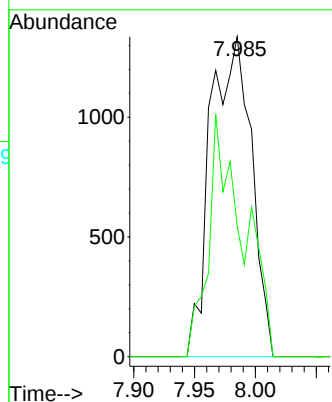
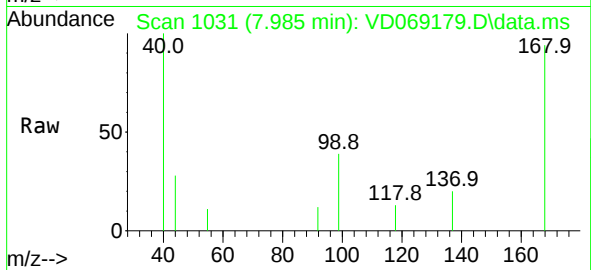




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

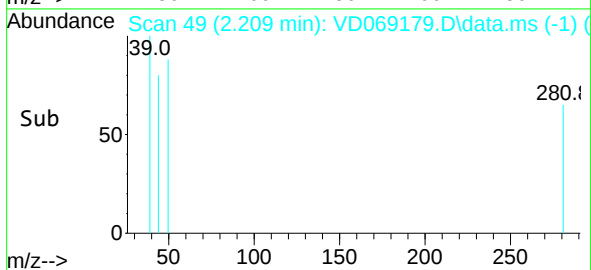
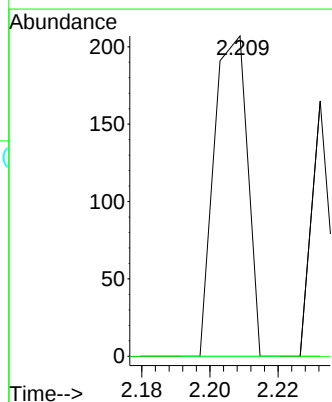
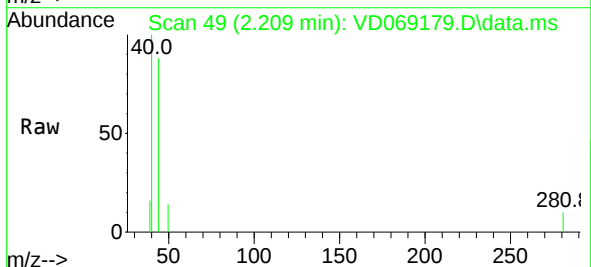
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

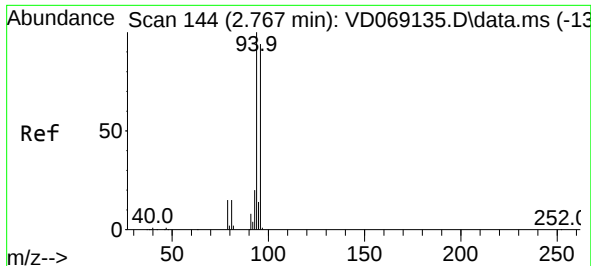
Tgt Ion:168 Resp: 3124
Ion Ratio Lower Upper
168 100
99 41.0 47.2 70.8#



#3
Chloromethane
Concen: 3.67 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

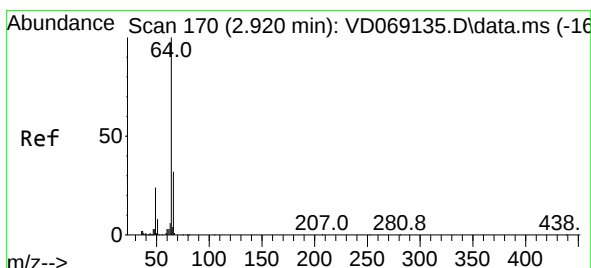
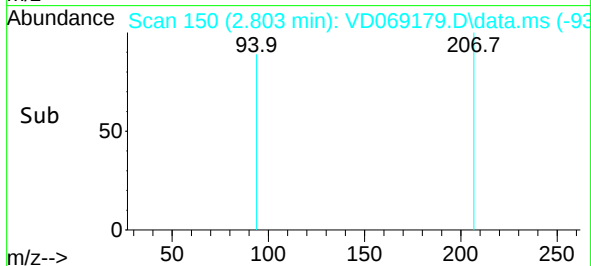
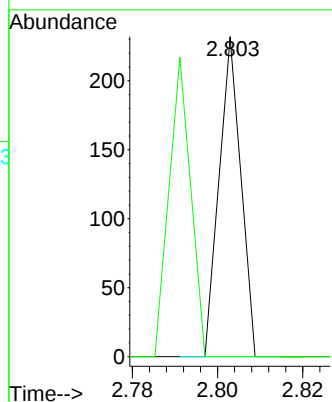
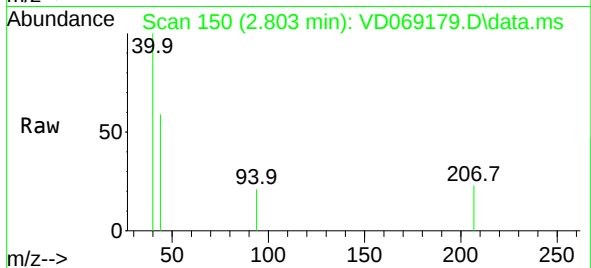




#5
Bromomethane
Concen: 2.17 ug/l
RT: 2.803 min Scan# 150
Delta R.T. 0.036 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

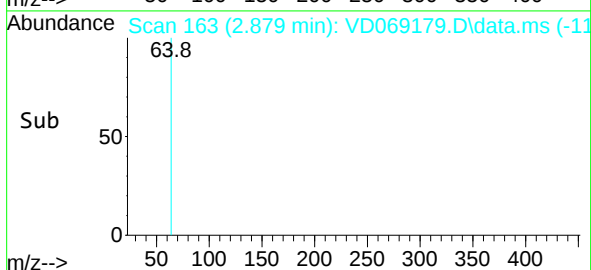
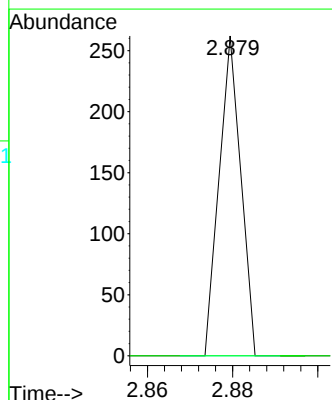
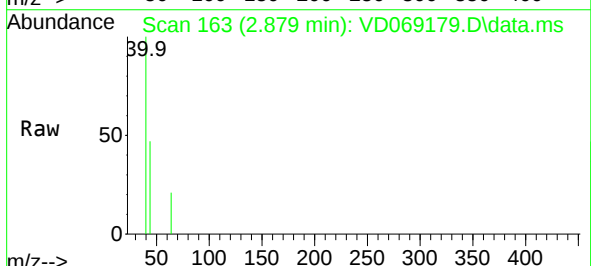
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

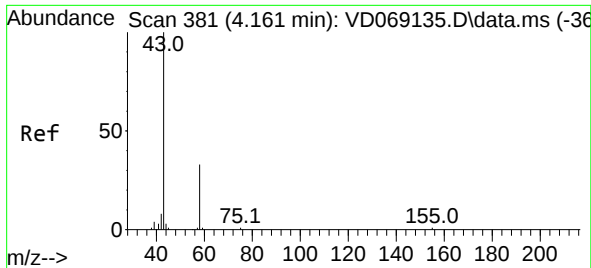
Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#



#6
Chloroethane
Concen: 2.84 ug/l
RT: 2.879 min Scan# 163
Delta R.T. -0.041 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

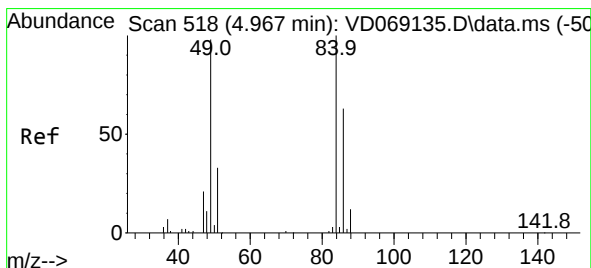
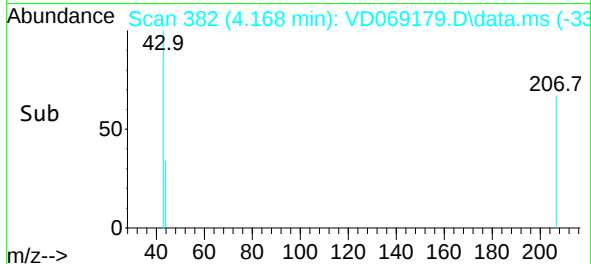
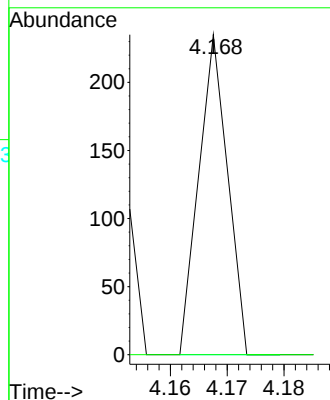
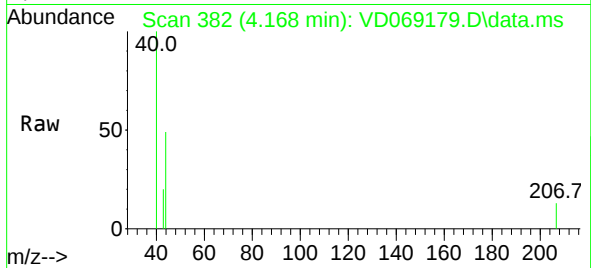




#16
Acetone
Concen: 17.30 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

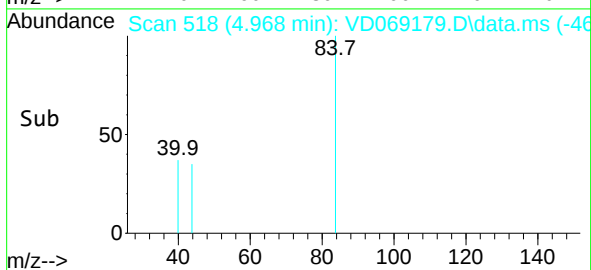
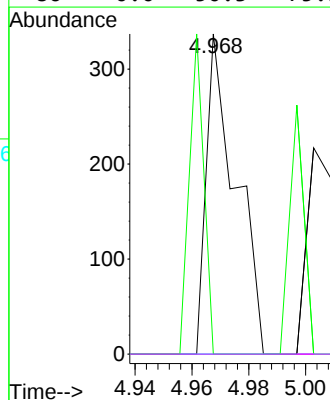
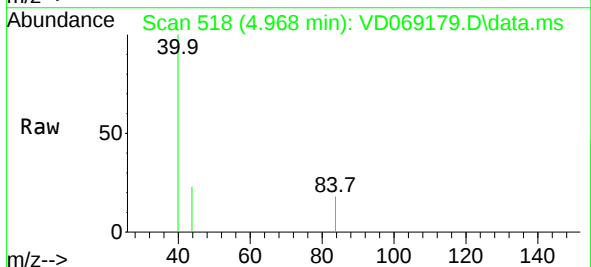
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

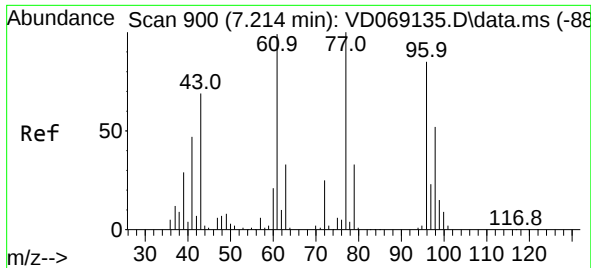
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 84 Resp: 243
Ion Ratio Lower Upper
84 100
49 0.0 78.6 117.8#
51 0.0 26.7 40.1#
86 0.0 50.3 75.5#

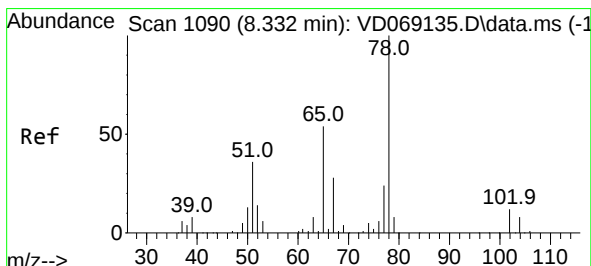
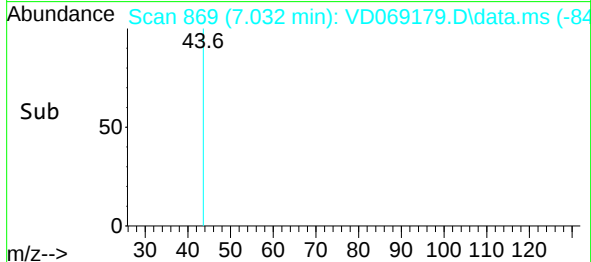
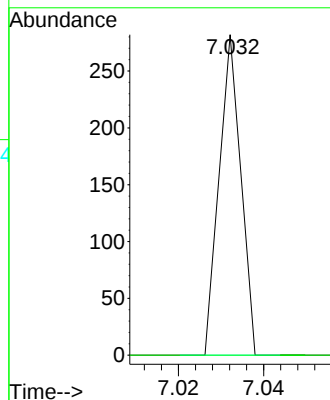
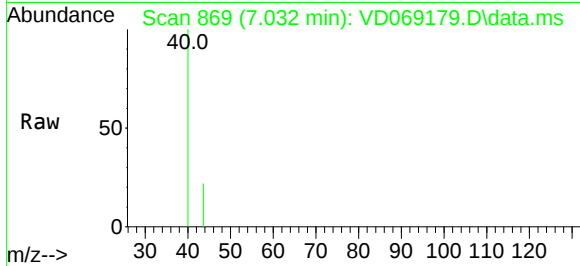




#25
2-Butanone
Concen: 15.39 ug/l
RT: 7.032 min Scan# 869
Delta R.T. -0.182 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

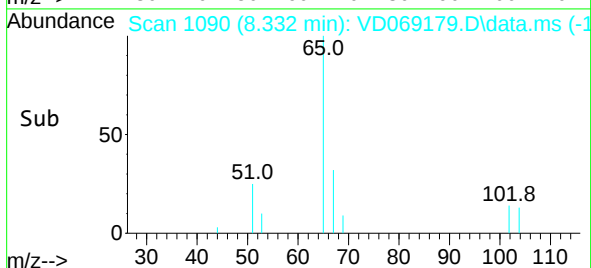
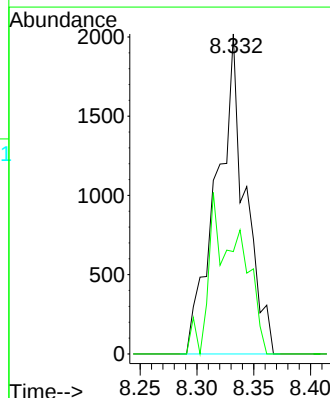
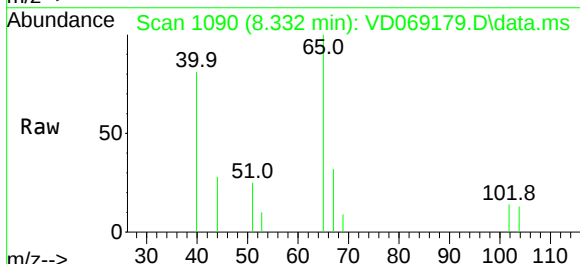
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

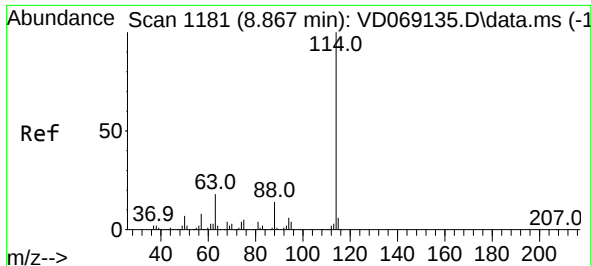
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
72 0.0 29.1 43.7#



#33
1,2-Dichloroethane-d4
Concen: 113.61 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 65 Resp: 3558
Ion Ratio Lower Upper
65 100
67 34.0 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD069179.D

Acq: 14 May 2021 16:22

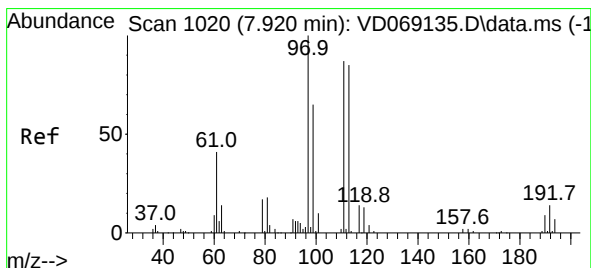
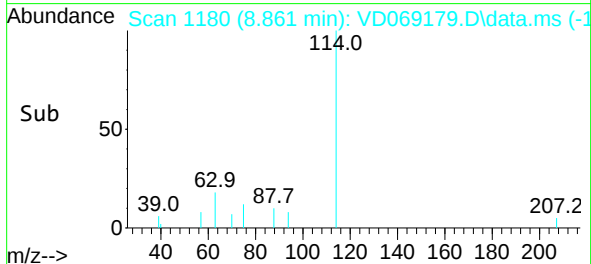
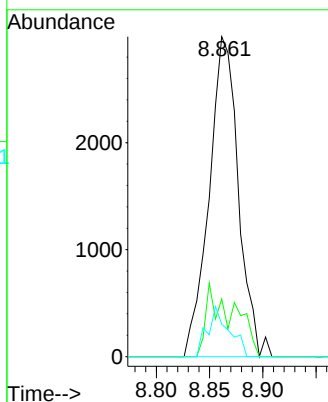
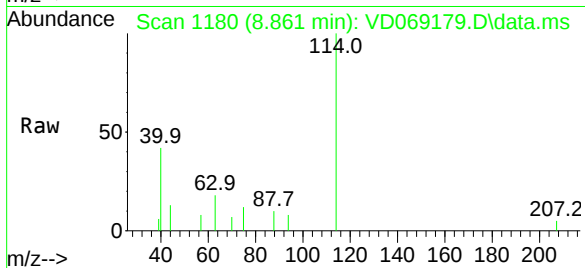
Instrument :

MSVOA_D

ClientSampleId :

SB-08-3.5-4.0

Tgt Ion:114	Resp:	5712
Ion Ratio	Lower	Upper
114	100	
63	18.0	0.0 36.4
88	10.1	0.0 28.2



#35

Dibromofluoromethane

Concen: 56.84 ug/l

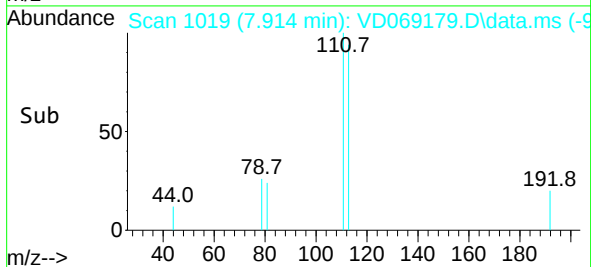
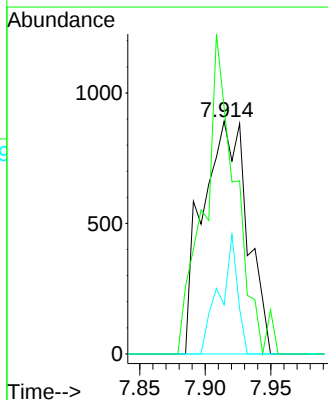
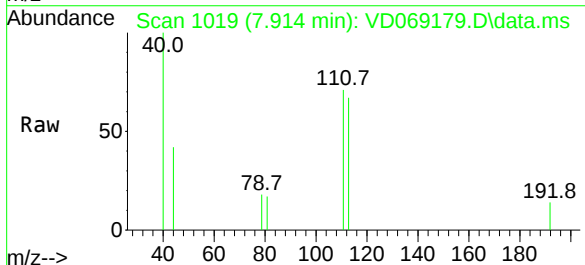
RT: 7.914 min Scan# 1019

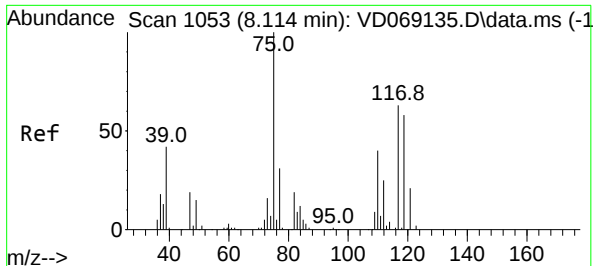
Delta R.T. -0.005 min

Lab File: VD069179.D

Acq: 14 May 2021 16:22

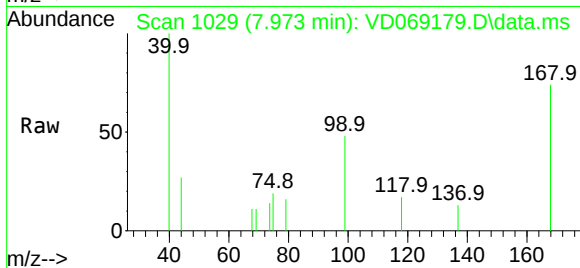
Tgt Ion:113	Resp:	2113
Ion Ratio	Lower	Upper
113	100	
111	97.2	80.6 120.8
192	20.4	14.8 22.2



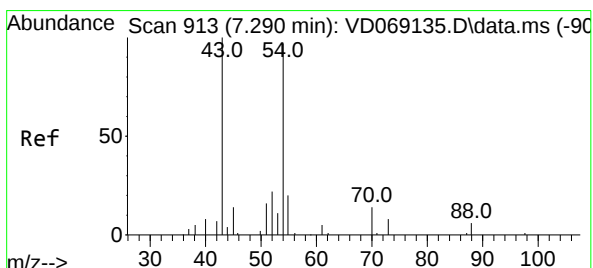
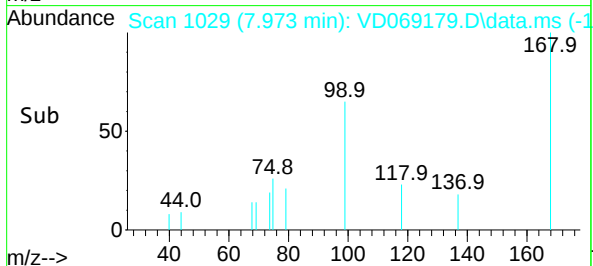
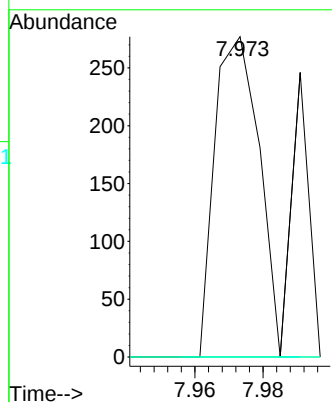


#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

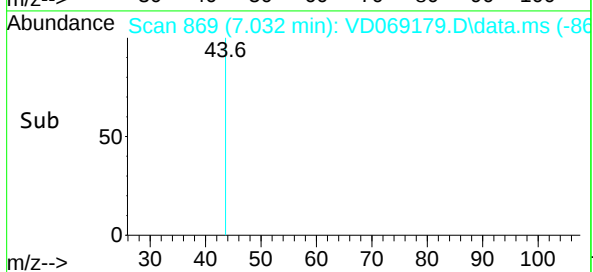
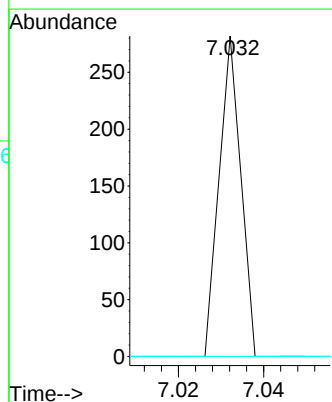
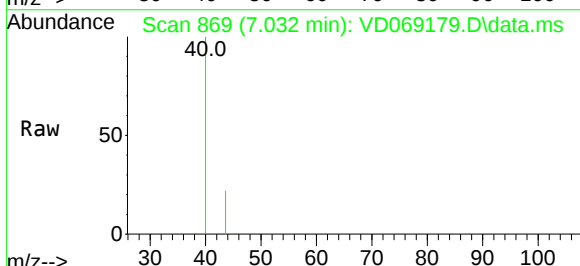


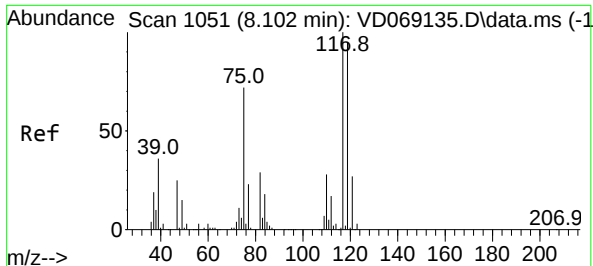
Tgt Ion: 75 Resp: 250
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.4#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 5.60 ug/l
RT: 7.032 min Scan# 869
Delta R.T. -0.258 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

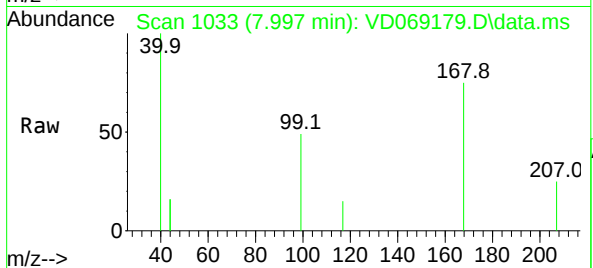
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 10.4 15.6#



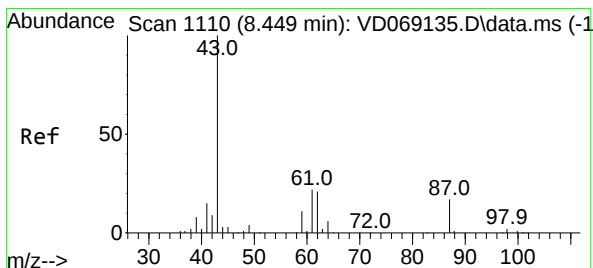
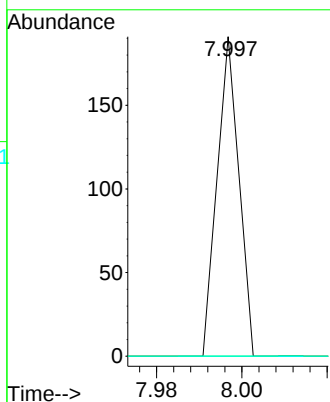
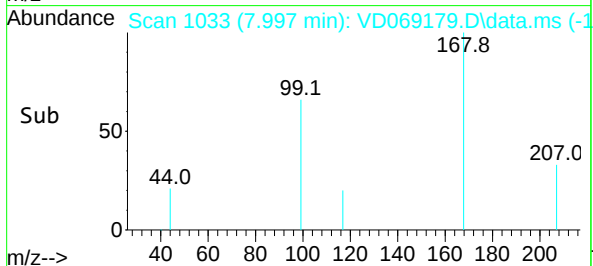


#38
Carbon Tetrachloride
Concen: 1.08 ug/l
RT: 7.997 min Scan# 1033
Delta R.T. -0.105 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

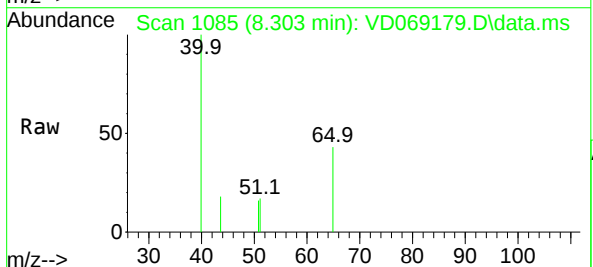
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0



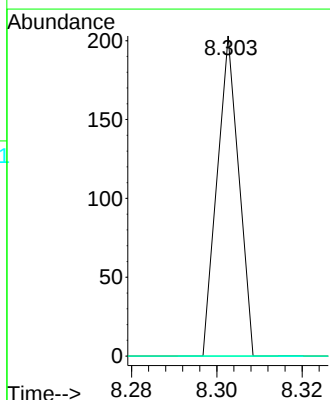
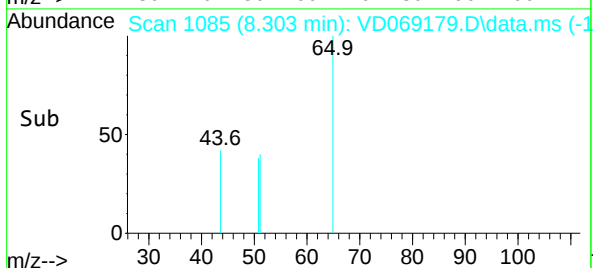
Tgt Ion: 117 Resp: 67
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#

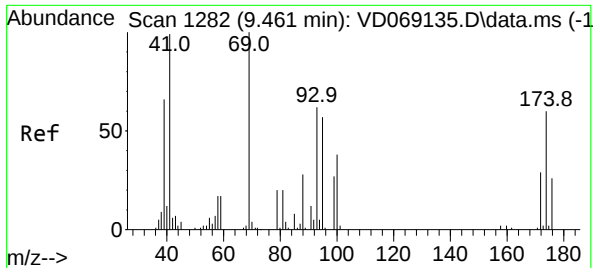


#43
Isopropyl Acetate
Concen: 2.22 ug/l
RT: 8.303 min Scan# 1085
Delta R.T. -0.147 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22



Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
61 0.0 28.6 42.8#
87 0.0 13.8 20.8#

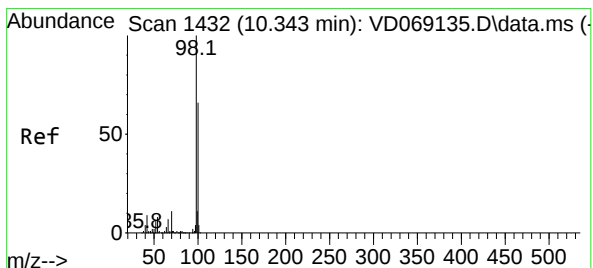
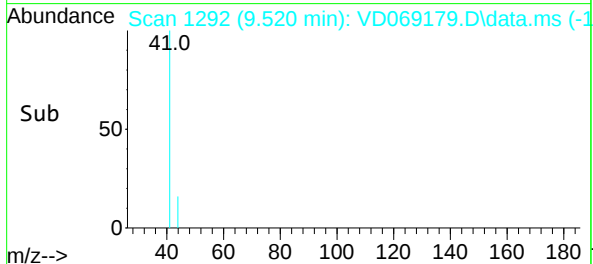
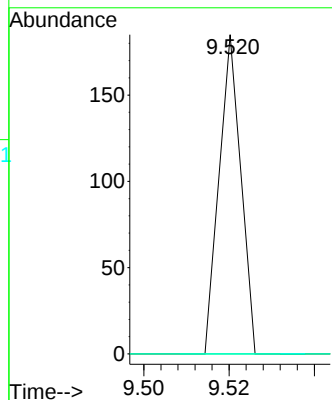
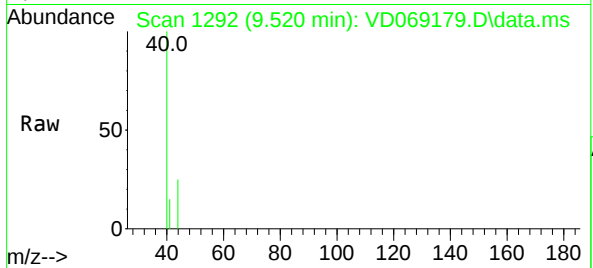




#48
Methyl methacrylate
Concen: 4.34 ug/l
RT: 9.520 min Scan# 1292
Delta R.T. 0.059 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

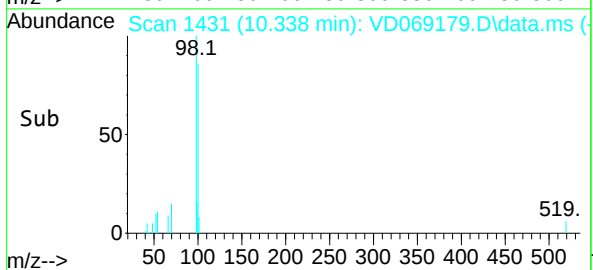
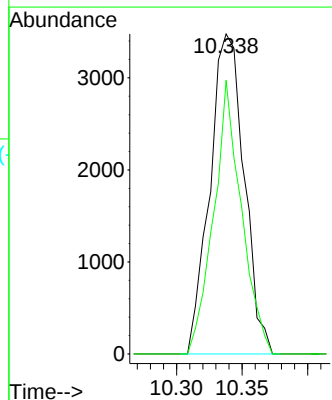
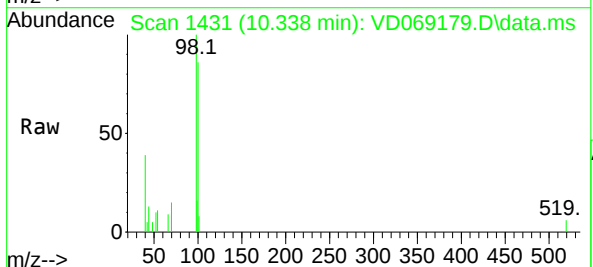
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

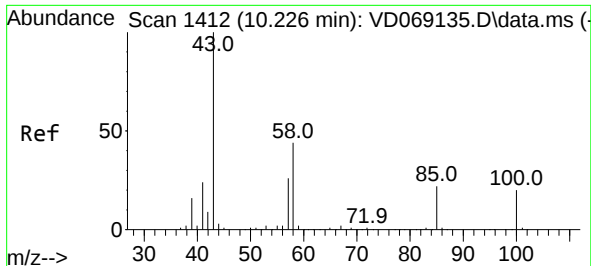
Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
69 0.0 88.0 132.0#
39 0.0 51.4 77.0#



#50
Toluene-d8
Concen: 46.21 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 98 Resp: 6312
Ion Ratio Lower Upper
98 100
100 69.4 51.8 77.8

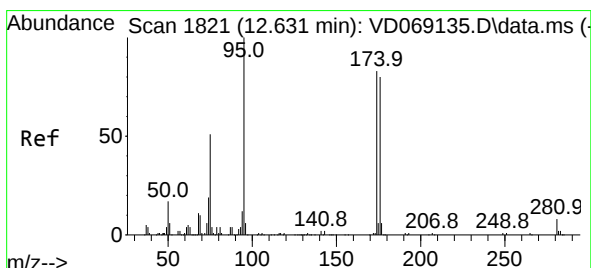
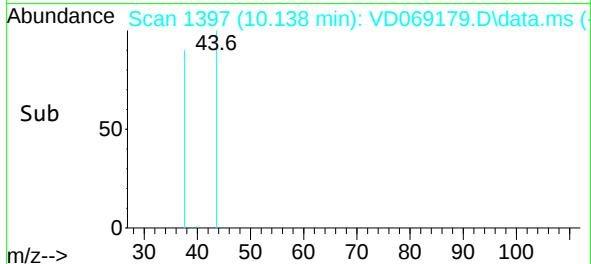
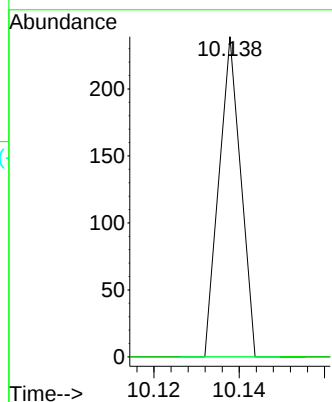
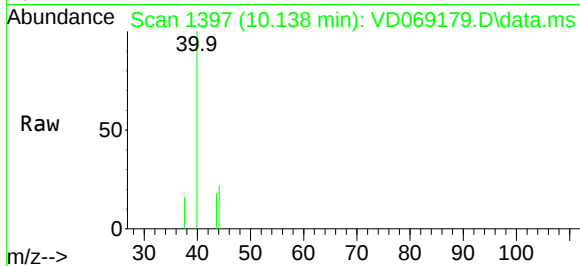




#51
4-Methyl-2-Pentanone
Concen: 5.04 ug/l
RT: 10.138 min Scan# 1397
Delta R.T. -0.088 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

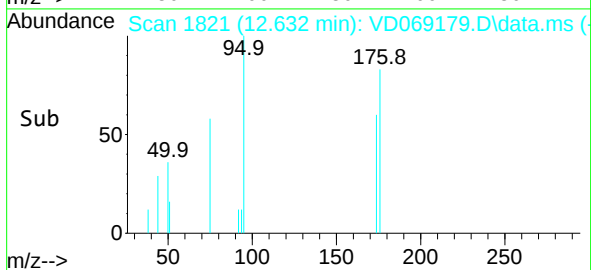
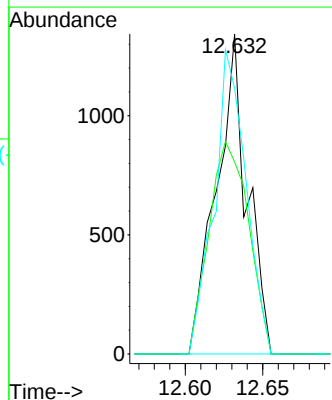
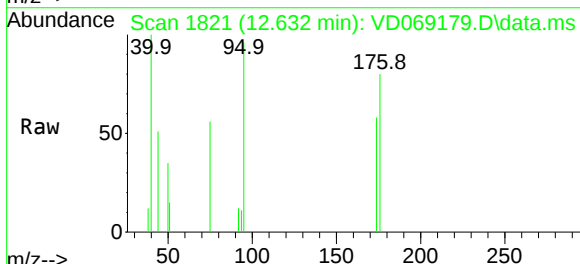
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

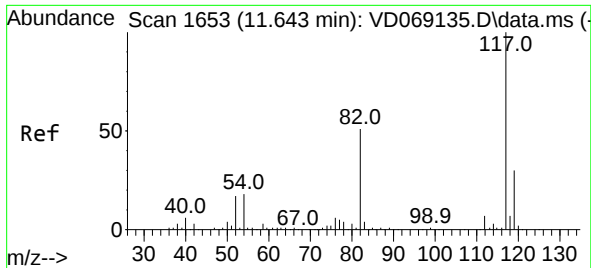
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 35.0 52.4#



#62
4-Bromofluorobenzene
Concen: 42.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Tgt Ion: 95 Resp: 1851
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.8
176 99.0 0.0 165.4

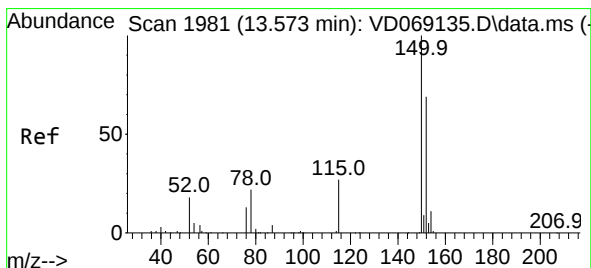
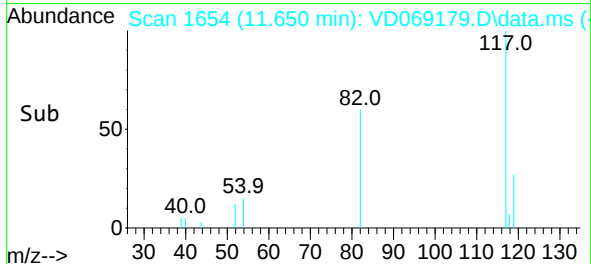
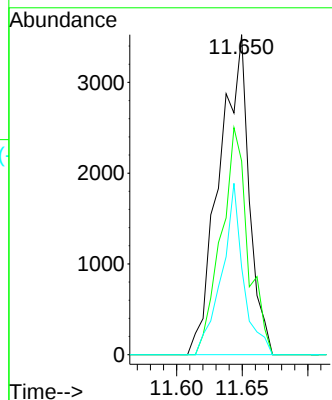
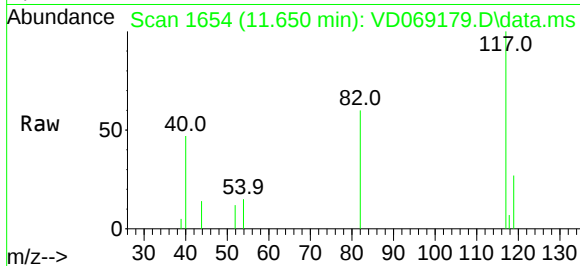




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

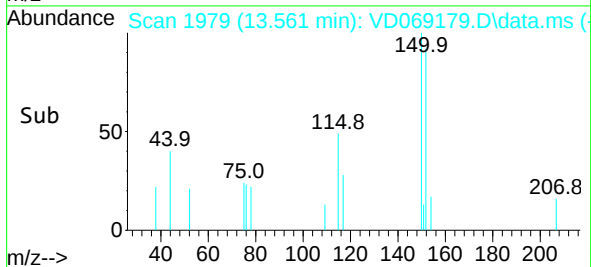
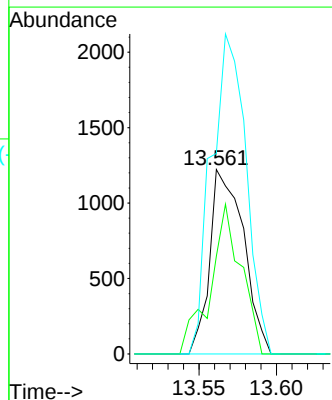
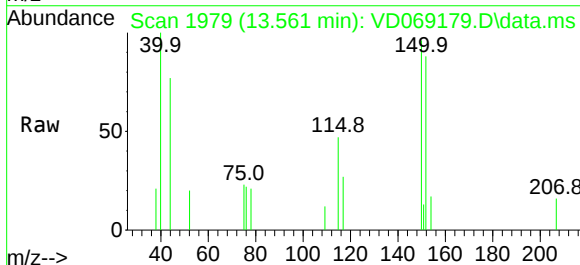
Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

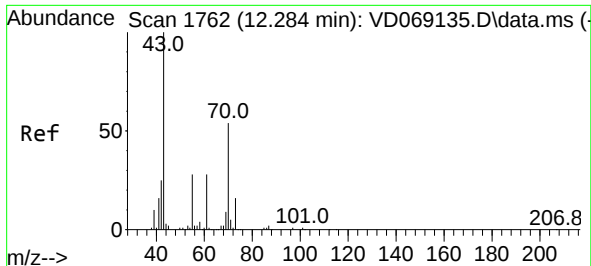
Tgt Ion:	117	Resp:	5573
Ion	Ratio	Lower	Upper
117	100		
82	60.5	40.5	60.7
119	27.3	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.011 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

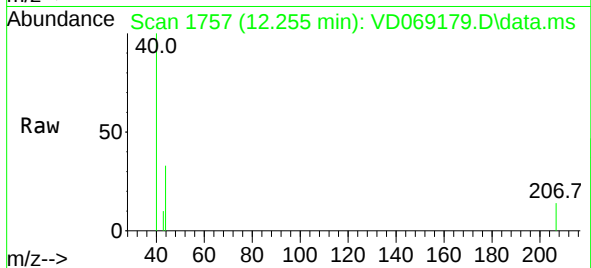
Tgt Ion:	152	Resp:	1853
Ion	Ratio	Lower	Upper
152	100		
115	73.8	29.9	89.8
150	178.1	0.0	350.2



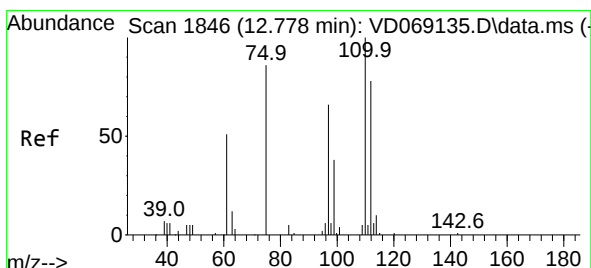
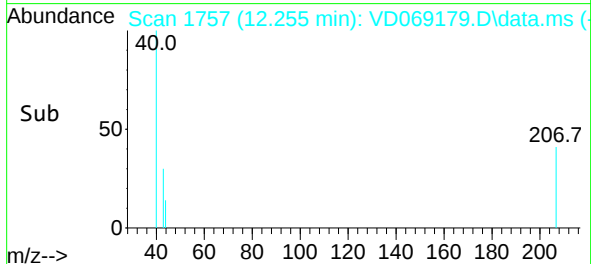
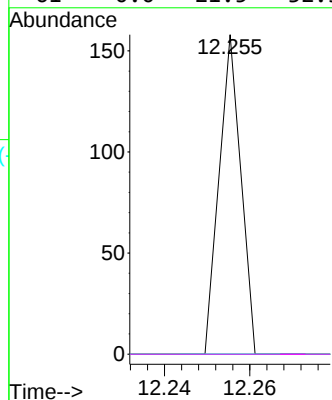


#74
N-amy1 acetate
Concen: 2.64 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.029 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
SB-08-3.5-4.0

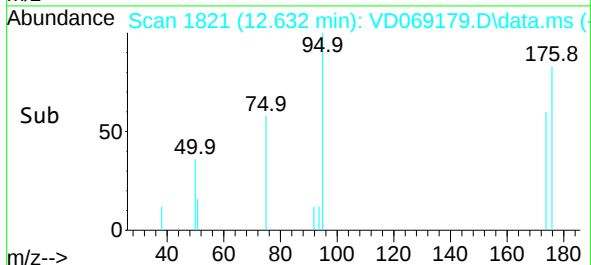
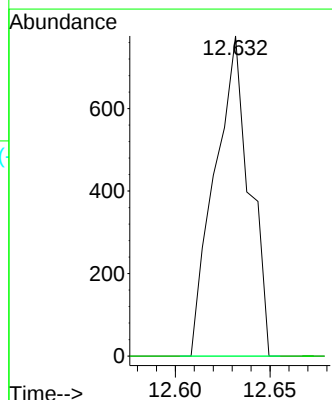
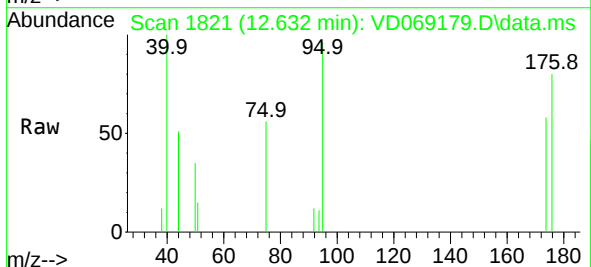


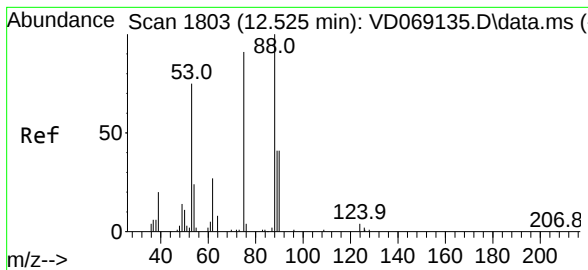
Tgt Ion: 43	Resp: 56
Ion Ratio	Lower Upper
43	100
70	0.0 41.6 62.4#
55	0.0 22.6 34.0#
61	0.0 21.5 32.3#



#76
1,2,3-Trichloropropane
Concen: 71.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069179.D
Acq: 14 May 2021 16:22

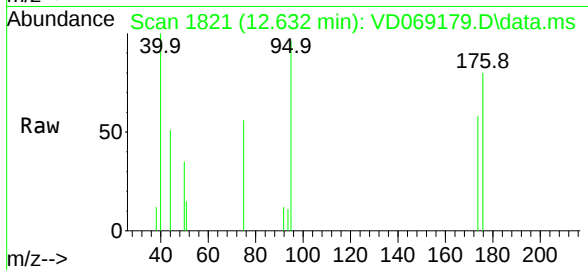
Tgt Ion: 75	Resp: 989
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.42 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069179.D
 Acq: 14 May 2021 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-3.5-4.0



Tgt Ion: 75 Resp: 989
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.0 105.0#
 89 0.0 40.2 60.2#

