

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
 Data File : VD069834.D
 Acq On : 23 Jul 2021 17:44
 Operator : VA/SY
 Sample : M3117-06
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 24 01:35:59 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)

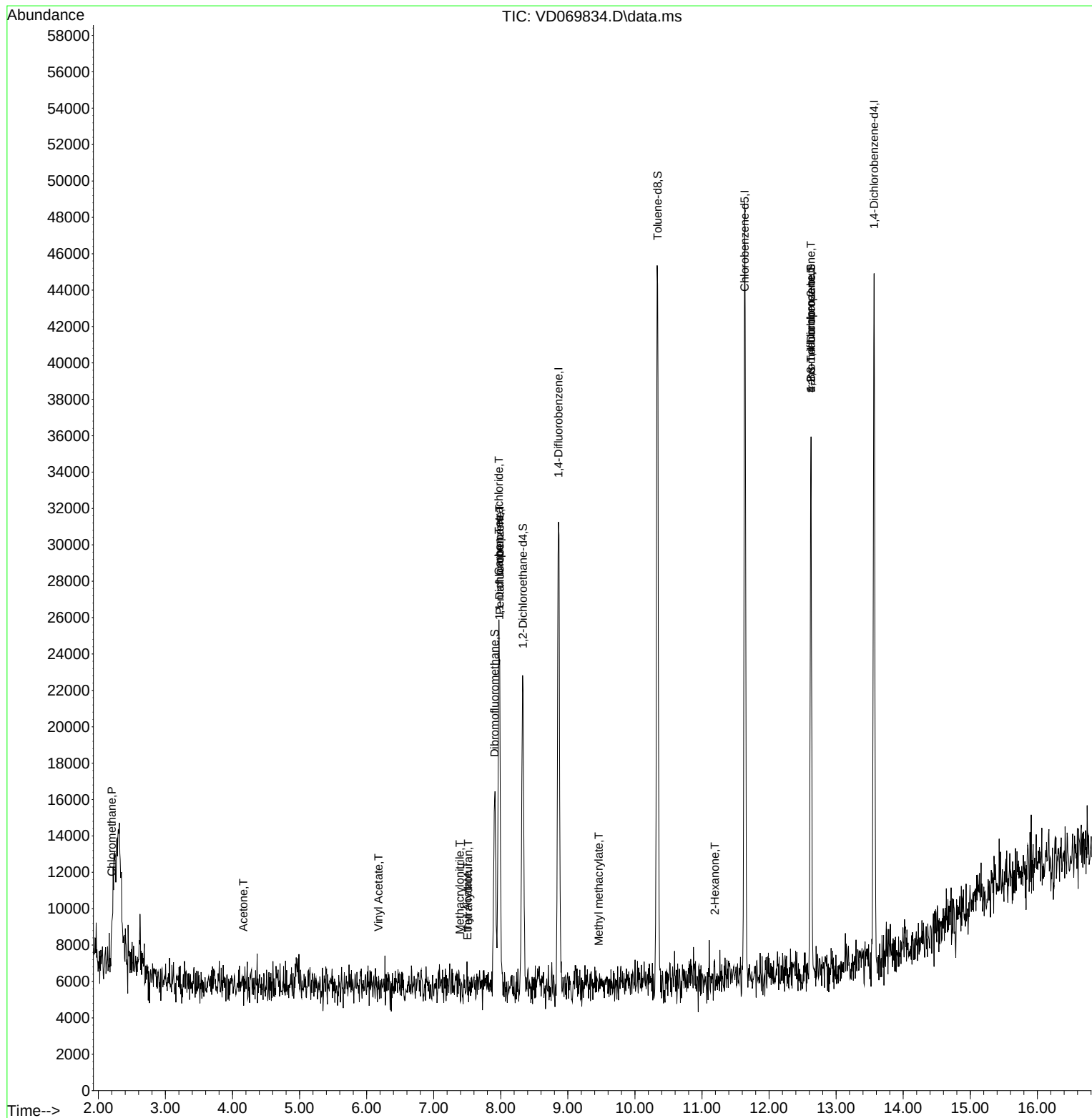
Internal Standards						
1) Pentafluorobenzene	7.985	168	14627	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	23990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12981	77.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.340%	
35) Dibromofluoromethane	7.908	113	7822	51.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.440%	
50) Toluene-d8	10.338	98	29600	50.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.626	95	9410	48.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	305	1.366	ug/l	# 43
16) Acetone	4.162	43	89	2.929	ug/l	# 38
20) Methylene Chloride	4.956	84	988	Below Cal	#	58
23) Vinyl Acetate	6.179	43	54	20.518	ug/l	# 71
29) Tetrahydrofuran	7.514	42	60	2.250	ug/l	# 32
36) 1,1-Dichloropropene	7.979	75	1420	5.485	ug/l	# 42
37) Ethyl Acetate	7.503	43	113	1.199	ug/l	# 67
38) Carbon Tetrachloride	7.973	117	1693	7.159	ug/l	# 12
41) Methacrylonitrile	7.391	41	54	1.092	ug/l	# 18
48) Methyl methacrylate	9.461	41	59	3.366	ug/l	# 13
59) 2-Hexanone	11.191	43	59	1.014	ug/l	# 21
76) 1,2,3-Trichloropropane	12.626	75	4827	50.152	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	4827	152.147	ug/l	# 16

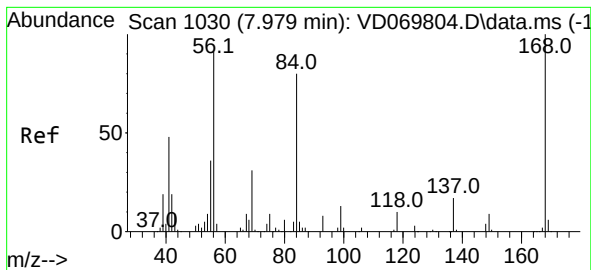
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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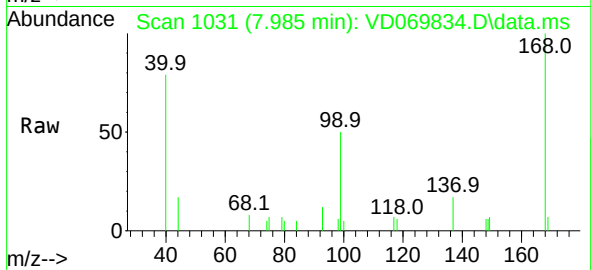
Quant Time: Jul 24 01:35:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
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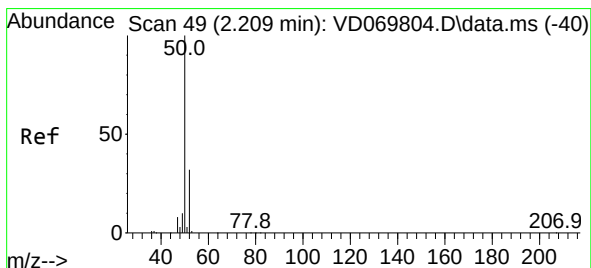
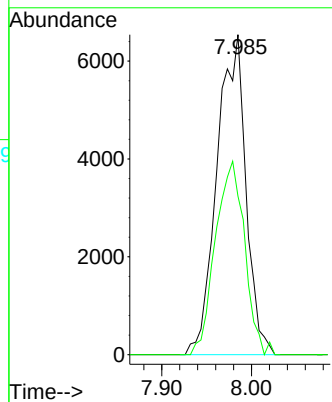
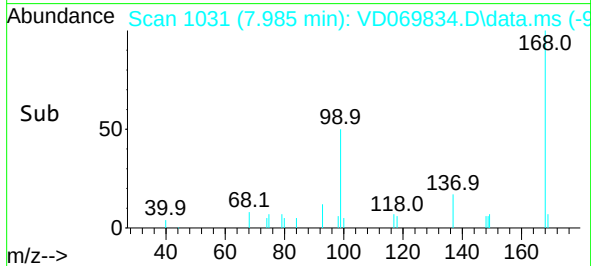


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

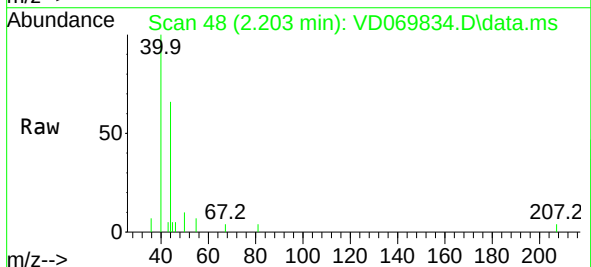
Instrument :
MSVOA_D
ClientSampled :



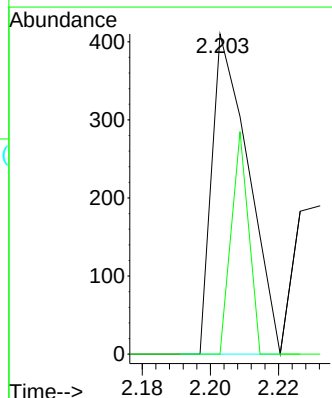
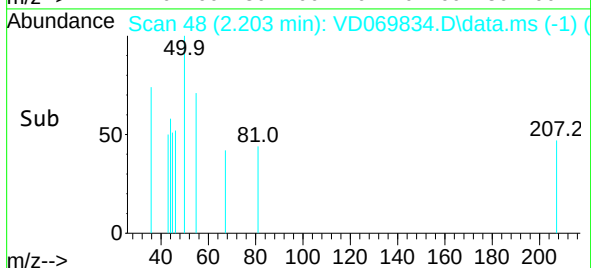
Tgt Ion:168 Resp: 14627
Ion Ratio Lower Upper
168 100
99 49.6 51.1 76.7#

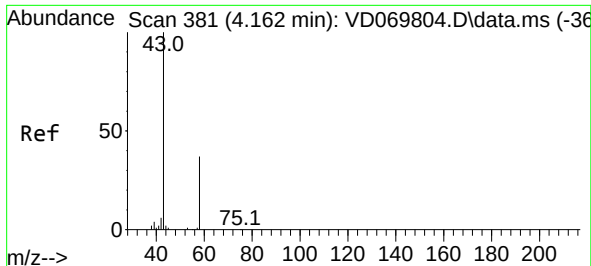


#3
Chloromethane
Concen: 1.366 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44



Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

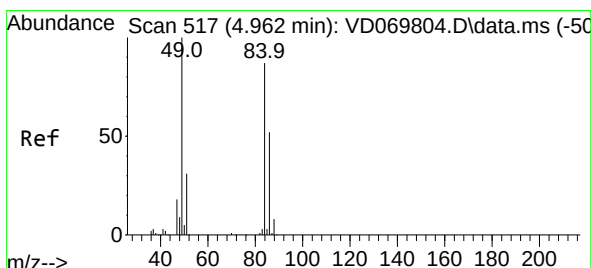
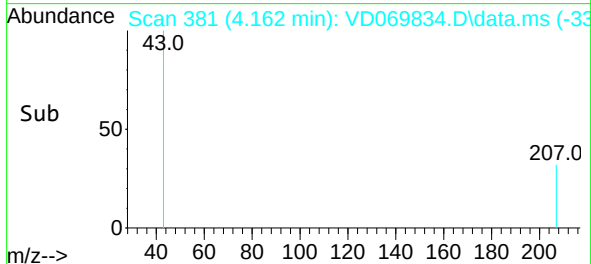
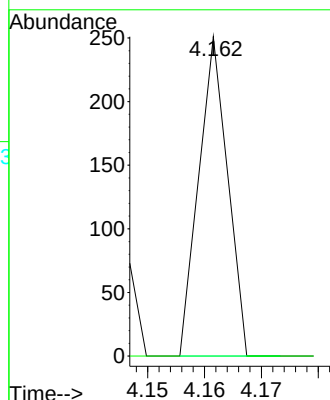
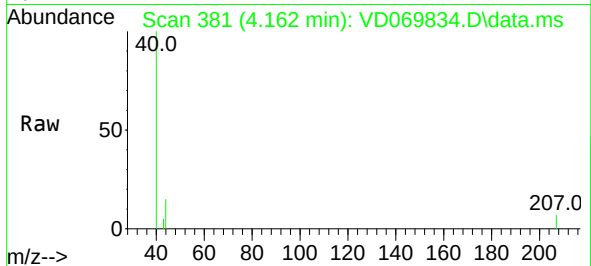




#16
Acetone
Concen: 2.929 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

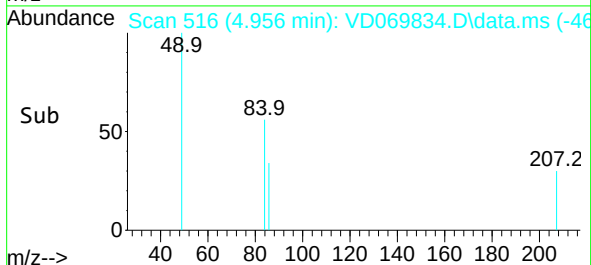
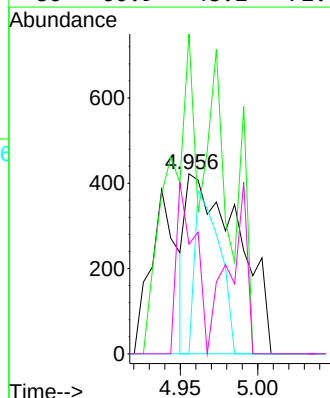
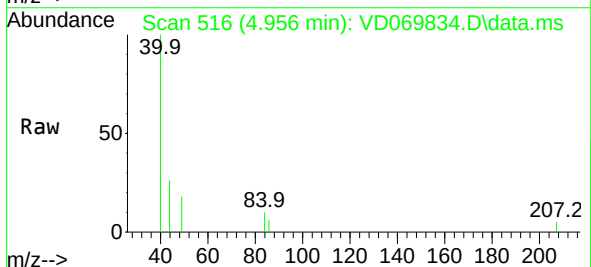
Instrument :
MSVOA_D
ClientSampled :

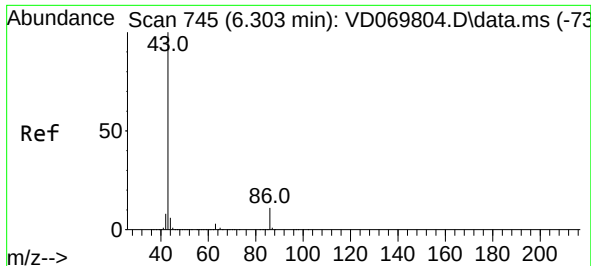
Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

Tgt Ion: 84 Resp: 988
Ion Ratio Lower Upper
84 100
49 177.7 92.4 138.6#
51 0.0 28.5 42.7#
86 60.9 48.2 72.4

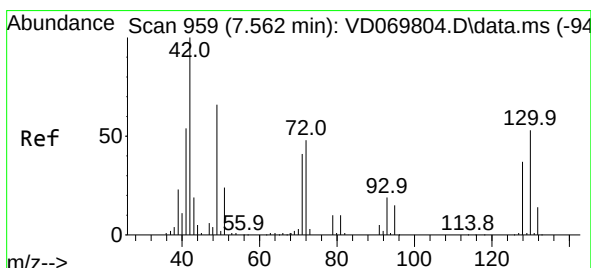
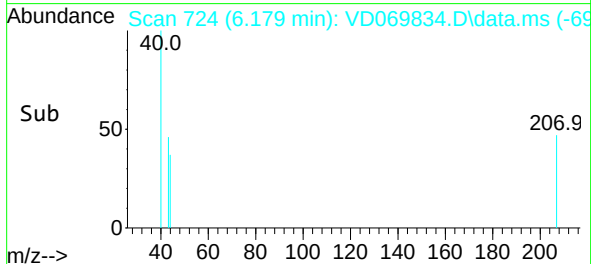
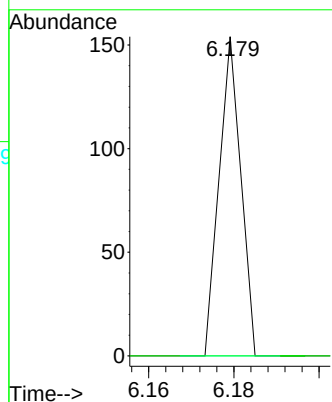
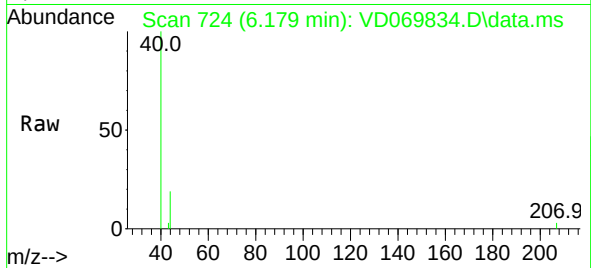




#23
 Vinyl Acetate
 Concen: 20.518 ug/l
 RT: 6.179 min Scan# 724
 Delta R.T. -0.124 min
 Lab File: VD069834.D
 Acq: 23 Jul 2021 17:44

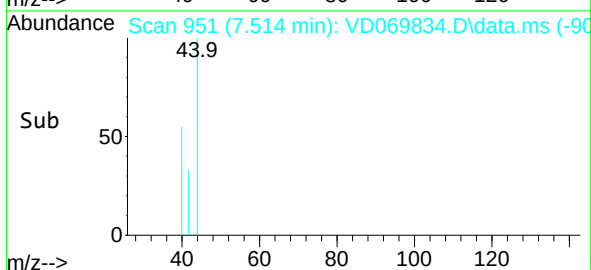
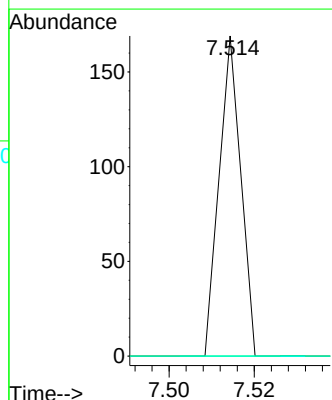
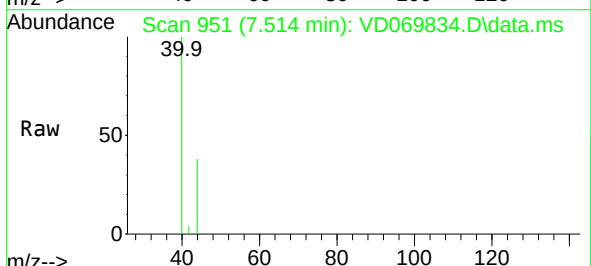
Instrument :
 MSVOA_D
 ClientSampled :

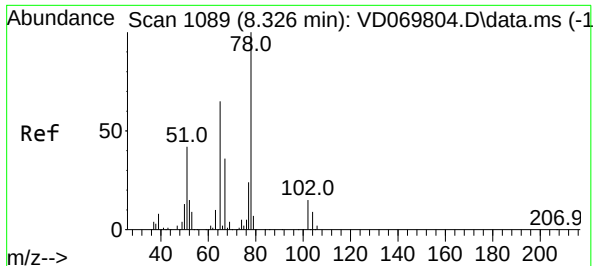
Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#29
 Tetrahydrofuran
 Concen: 2.250 ug/l
 RT: 7.514 min Scan# 951
 Delta R.T. -0.047 min
 Lab File: VD069834.D
 Acq: 23 Jul 2021 17:44

Tgt Ion: 42 Resp: 60
 Ion Ratio Lower Upper
 42 100
 72 0.0 36.5 54.7#
 71 0.0 33.5 50.3#

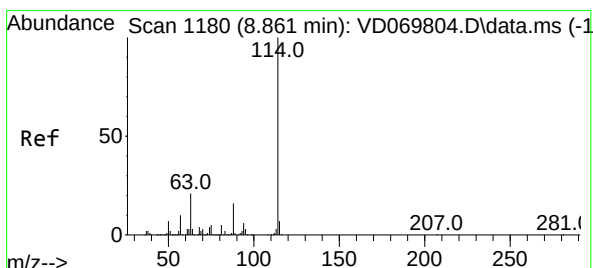
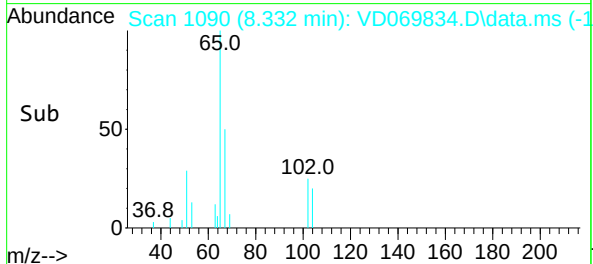
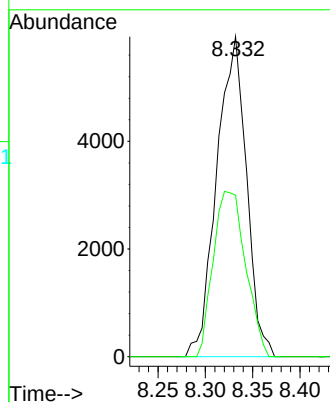
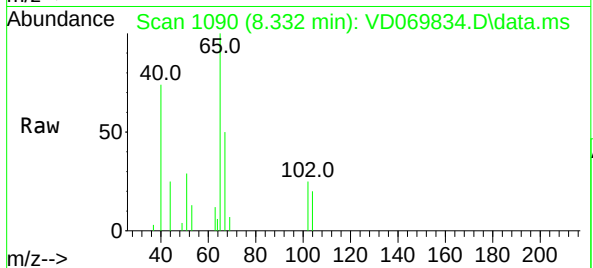




#33
1,2-Dichloroethane-d4
Concen: 77.165 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

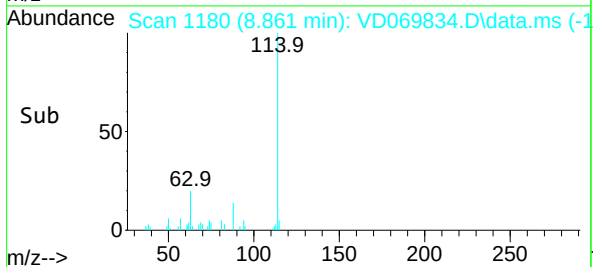
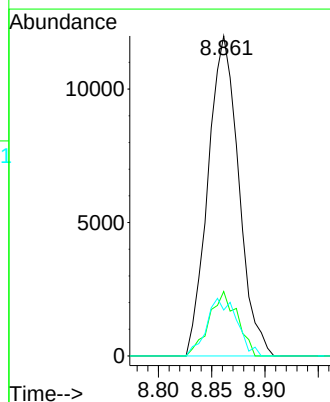
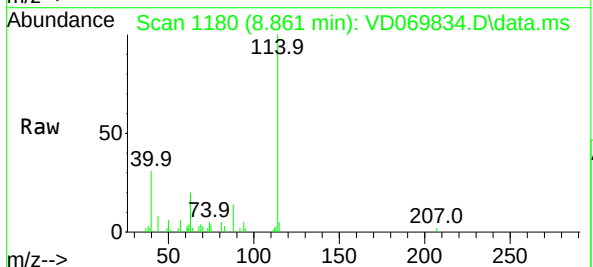
Instrument :
MSVOA_D
ClientSampled :

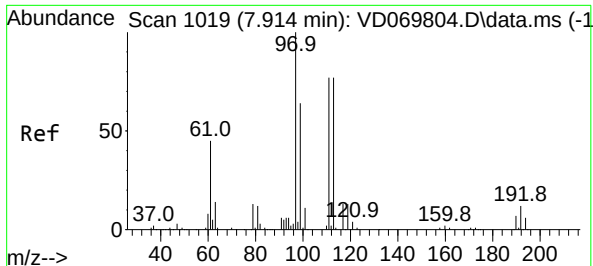
Tgt Ion: 65 Resp: 12981
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

Tgt Ion: 114 Resp: 23990
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 14.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.722 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD069834.D

Acq: 23 Jul 2021 17:44

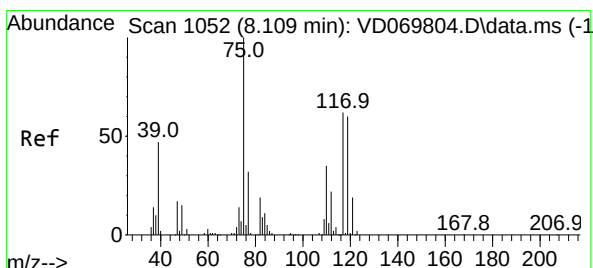
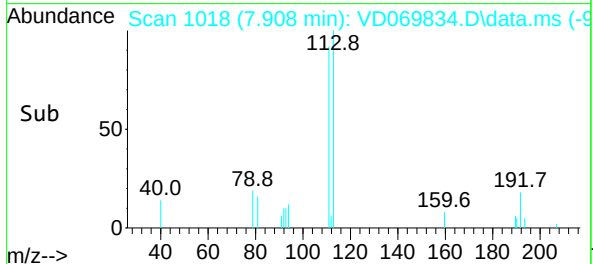
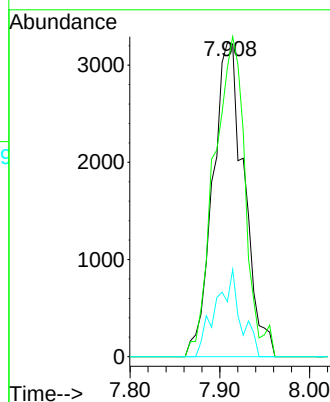
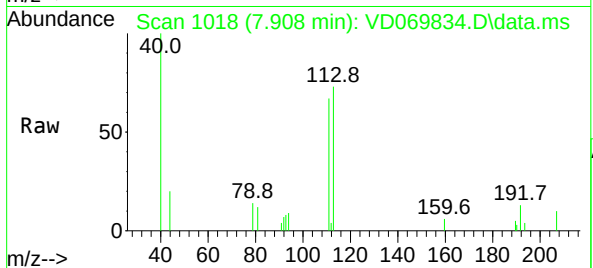
Tgt Ion:113 Resp: 7822

Ion Ratio Lower Upper

113 100

111 100.9 80.5 120.7

192 21.9 12.6 19.0#



#36

1,1-Dichloropropene

Concen: 5.485 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD069834.D

Acq: 23 Jul 2021 17:44

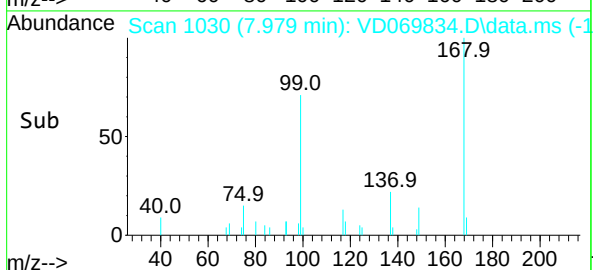
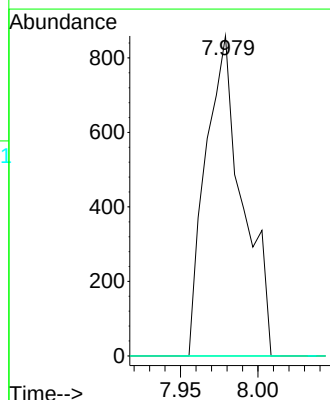
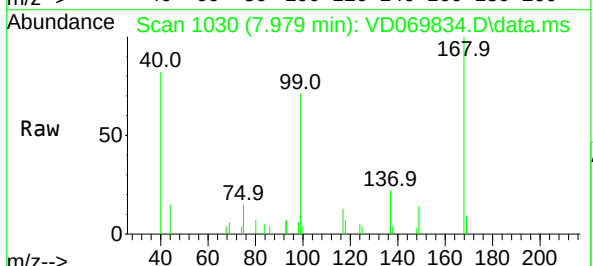
Tgt Ion: 75 Resp: 1420

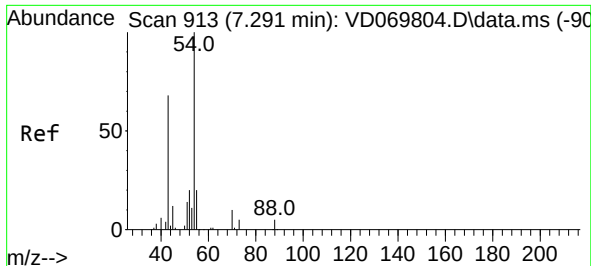
Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.199 ug/l

RT: 7.503 min Scan# 949

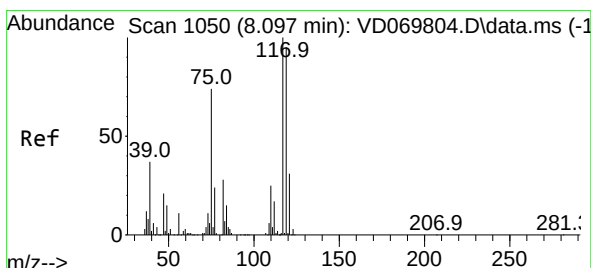
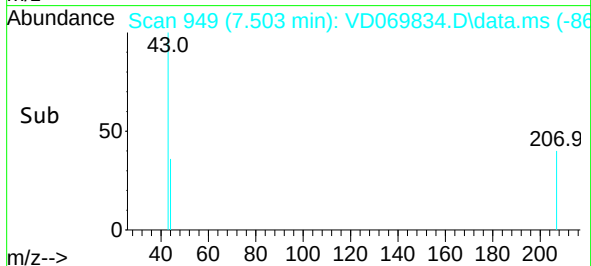
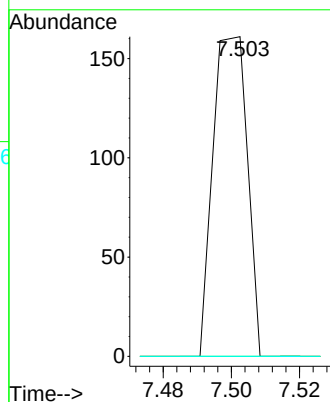
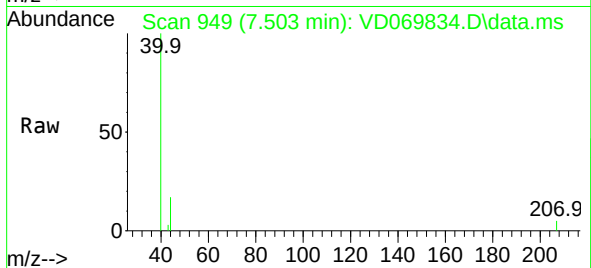
Delta R.T. 0.212 min

Lab File: VD069834.D

Acq: 23 Jul 2021 17:44

Tgt Ion:	43	Resp:	113
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.9	13.3#

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.159 ug/l

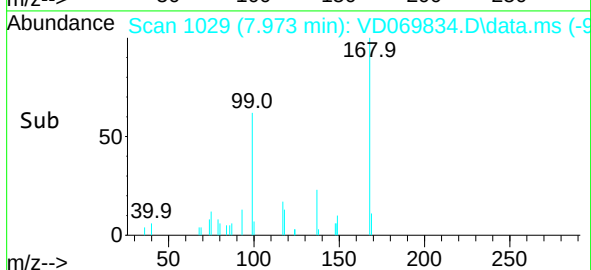
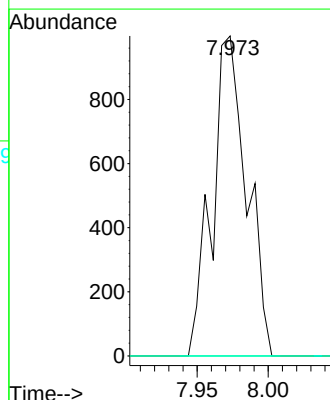
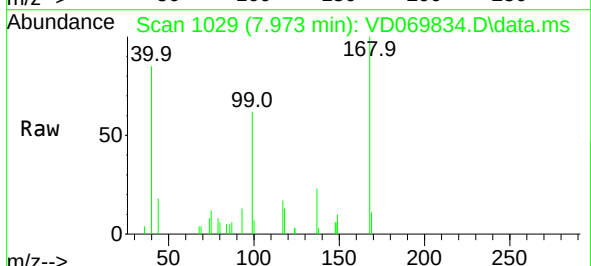
RT: 7.973 min Scan# 1029

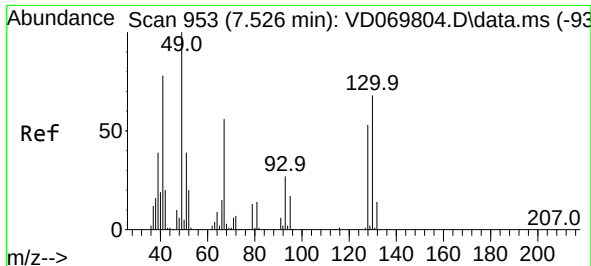
Delta R.T. -0.124 min

Lab File: VD069834.D

Acq: 23 Jul 2021 17:44

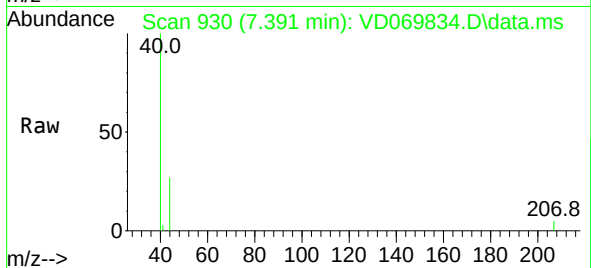
Tgt Ion:	117	Resp:	1693
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.2#
121	0.0	24.5	36.7#



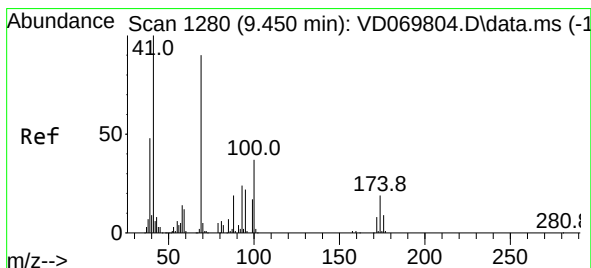
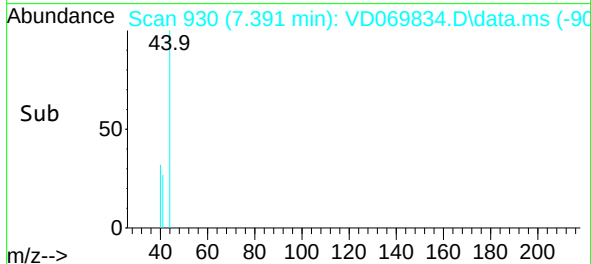
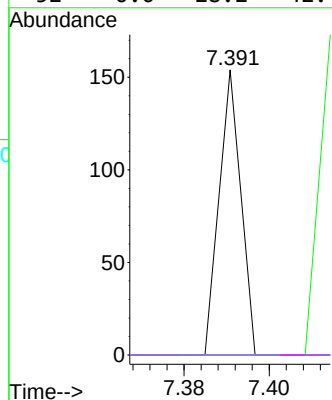


#41
Methacrylonitrile
Concen: 1.092 ug/l
RT: 7.391 min Scan# 930
Delta R.T. -0.135 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :

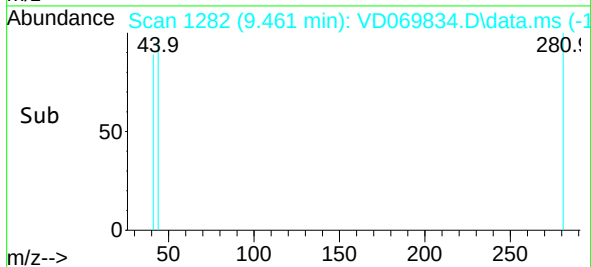
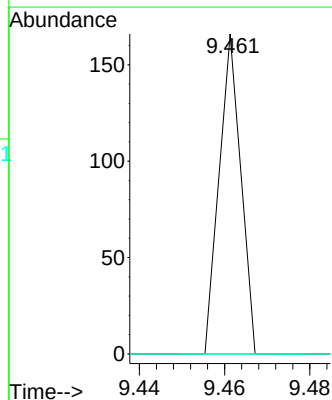
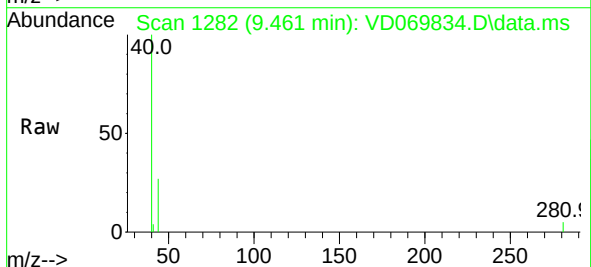


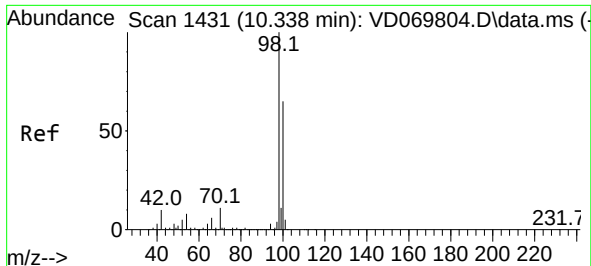
Tgt Ion:	41	Resp:	54
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	69.3	103.9#
52	0.0	28.2	42.4#



#48
Methyl methacrylate
Concen: 3.366 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

Tgt Ion:	41	Resp:	59
Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.4	110.2#
39	0.0	36.6	55.0#

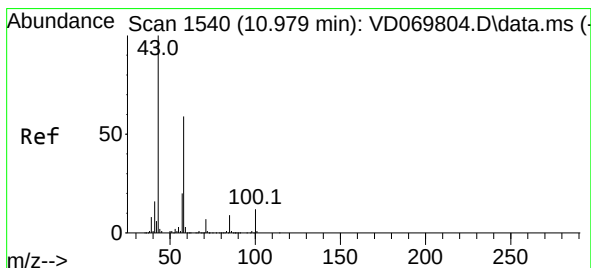
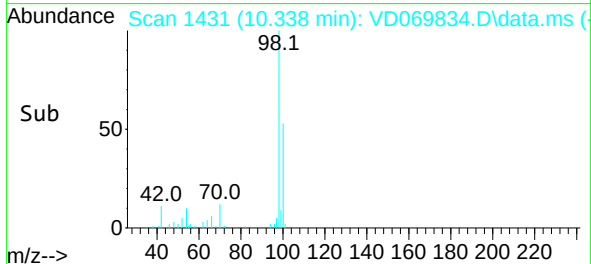
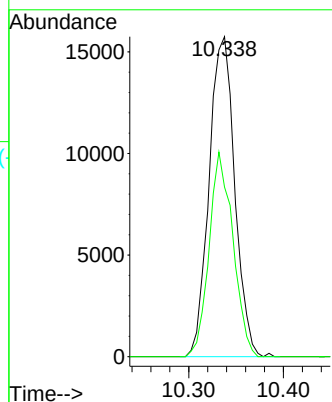
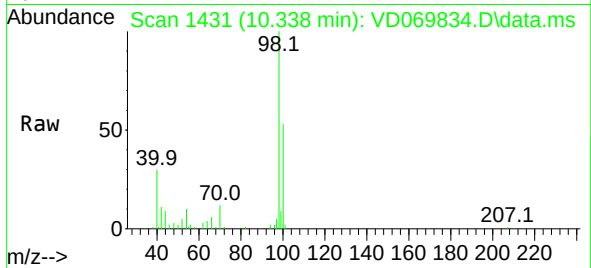




#50
Toluene-d8
Concen: 50.759 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

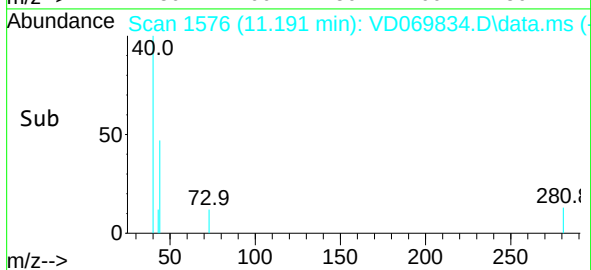
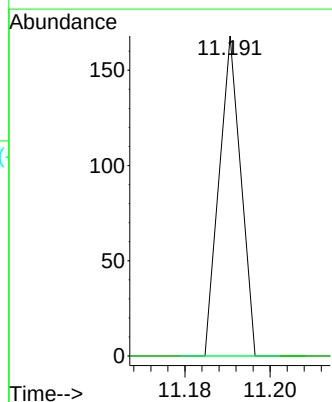
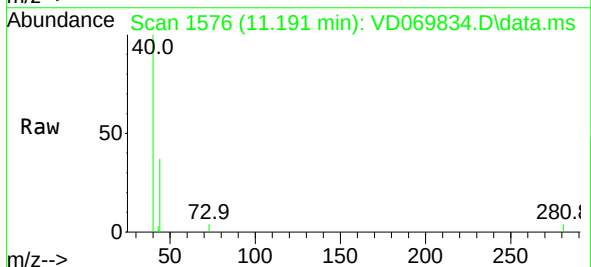
Instrument :
MSVOA_D
ClientSampleId :

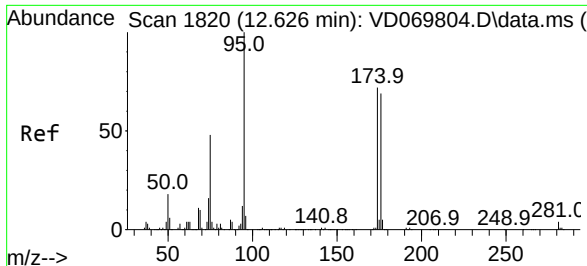
Tgt Ion: 98 Resp: 29600
Ion Ratio Lower Upper
98 100
100 59.3 51.9 77.9



#59
2-Hexanone
Concen: 1.014 ug/l
RT: 11.191 min Scan# 1576
Delta R.T. 0.212 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 29.4 88.3#

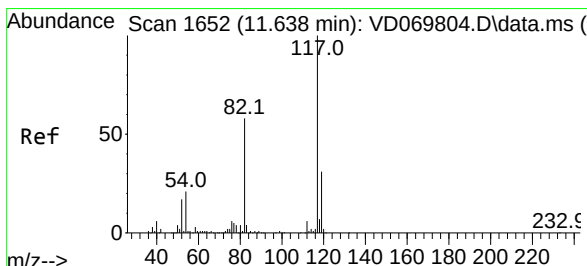
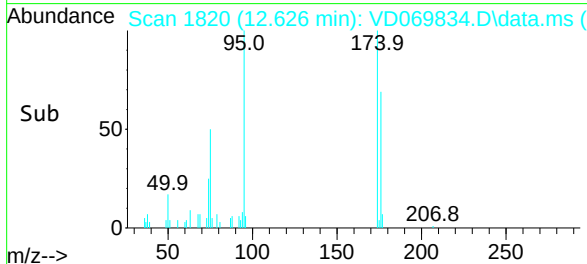
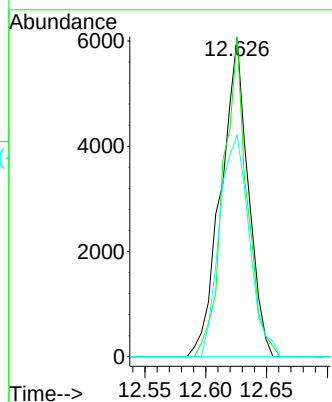
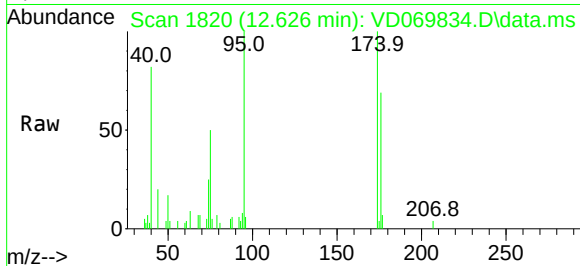




#62
4-Bromofluorobenzene
Concen: 48.284 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

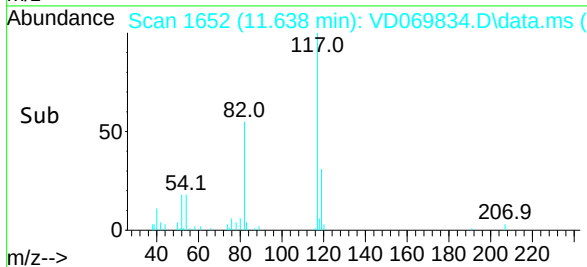
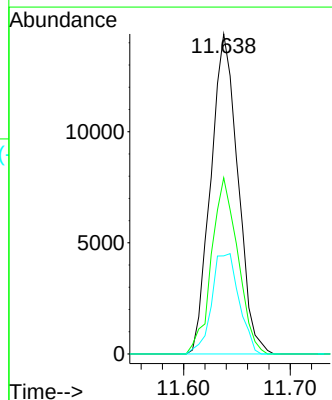
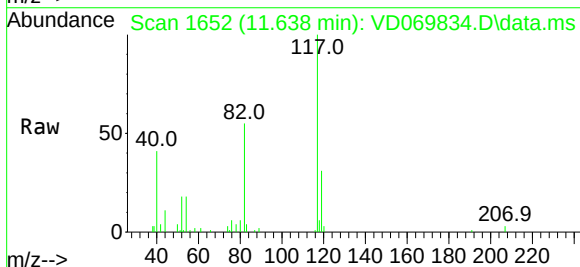
Instrument :
MSVOA_D
ClientSampleId :

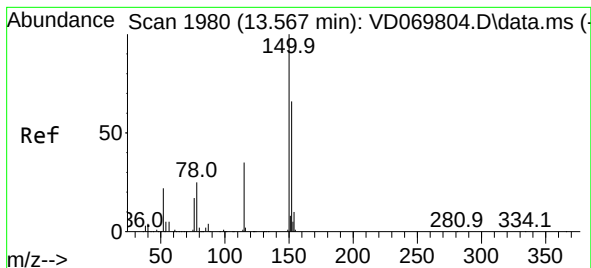
Tgt Ion:	95	Resp:	9410
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	142.6
176	75.9	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069834.D
Acq: 23 Jul 2021 17:44

Tgt Ion:	117	Resp:	25426
Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.3	69.5
119	30.6	24.7	37.1

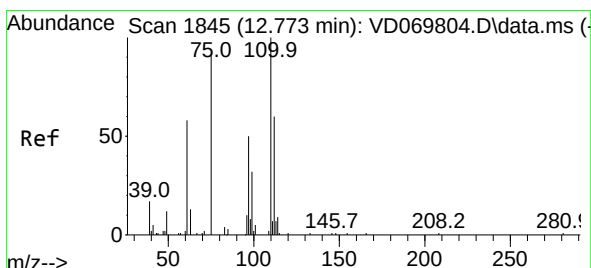
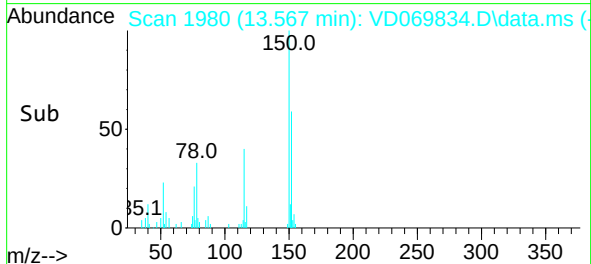
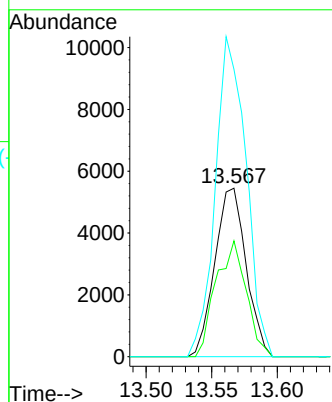
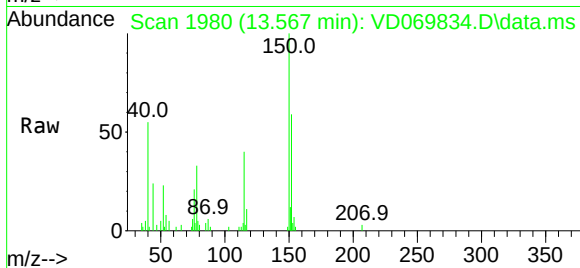




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069834.D
 Acq: 23 Jul 2021 17:44

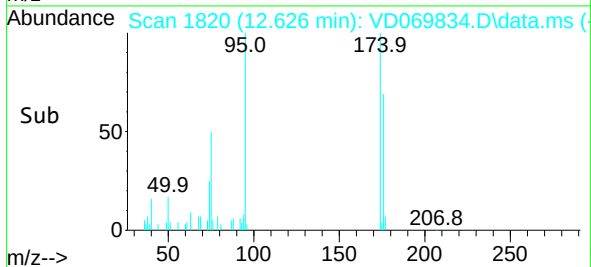
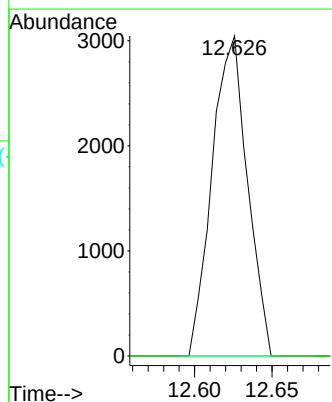
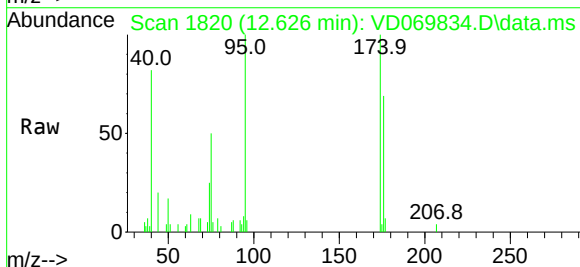
Instrument :
 MSVOA_D
 ClientSampleId :

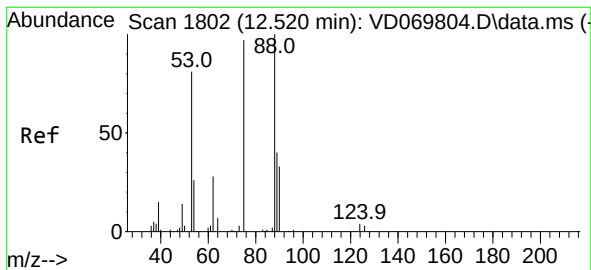
Tgt Ion:152 Resp: 9055
 Ion Ratio Lower Upper
 152 100
 115 66.7 31.1 93.3
 150 186.1 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 50.152 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069834.D
 Acq: 23 Jul 2021 17:44

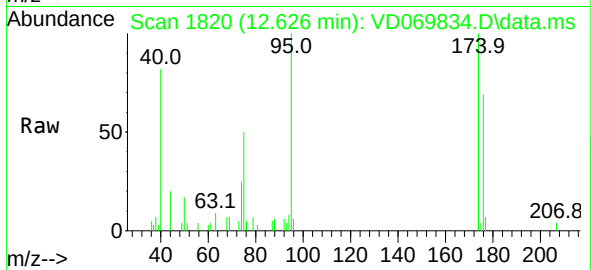
Tgt Ion: 75 Resp: 4827
 Ion Ratio Lower Upper
 75 100
 77 0.0 181.5 544.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.147 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD069834.D
 Acq: 23 Jul 2021 17:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	4827
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.2	100.8#
89	0.0	35.8	53.6#

