

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069931.D
 Acq On : 30 Jul 2021 11:40
 Operator : VA/SY
 Sample : M3238-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 221

Quant Time: Jul 31 00:36:26 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)

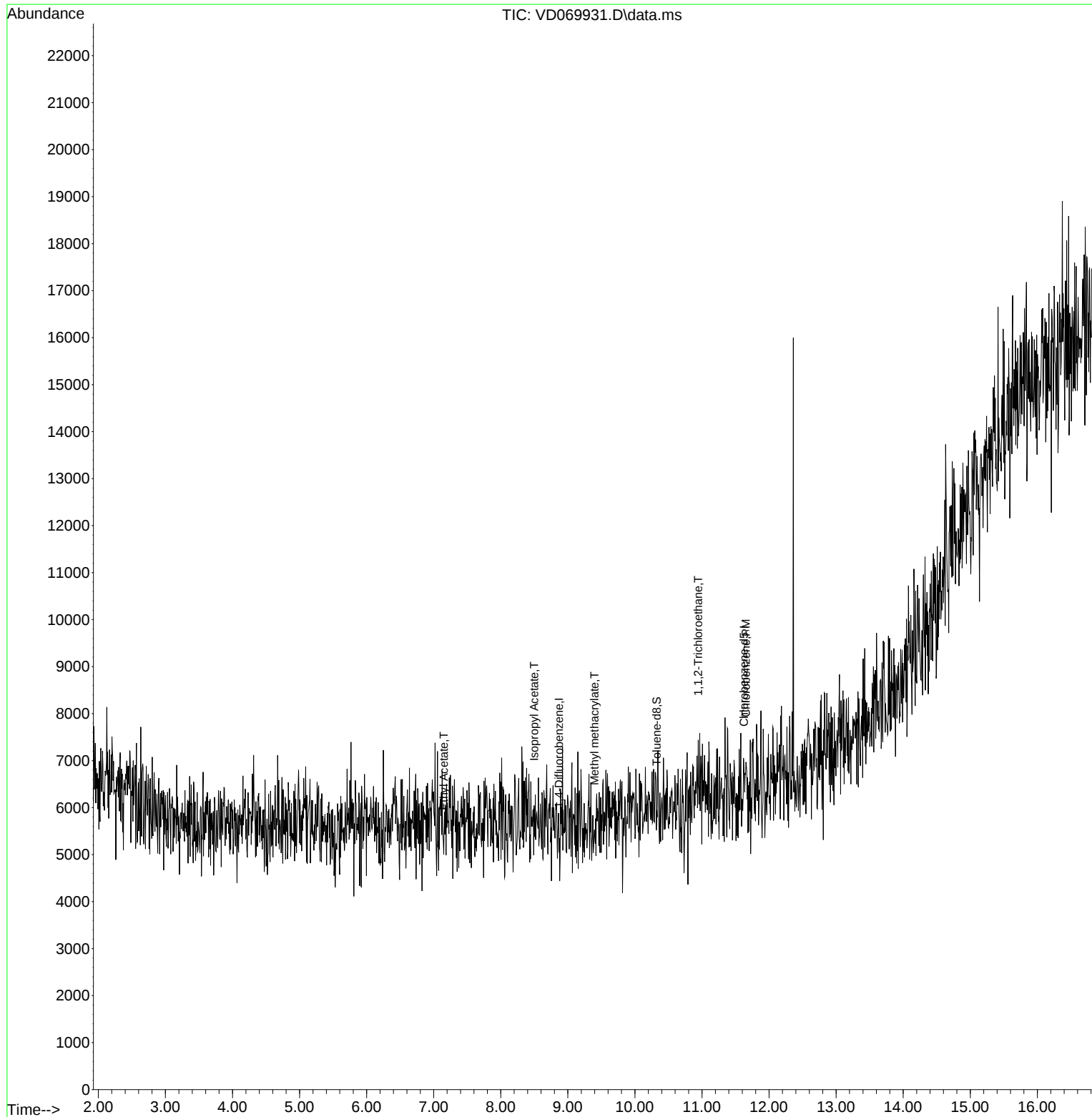
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.98
34) 1,4-Difluorobenzene	8.867	114	168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.626	117	117	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.326	98	109	26.691	ug/l	-0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	53.380%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
37) Ethyl Acetate	7.150	43	86	130.300	ug/l #	67
43) Isopropyl Acetate	8.497	43	127	107.288	ug/l #	47
48) Methyl methacrylate	9.397	41	67	103.210	ug/l #	13
55) 1,1,2-Trichloroethane	10.944	97	60	62.639	ug/l #	15
65) Chlorobenzene	11.655	112	54	22.277	ug/l #	42

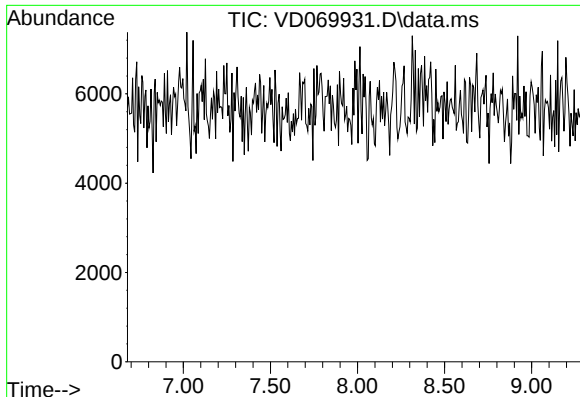
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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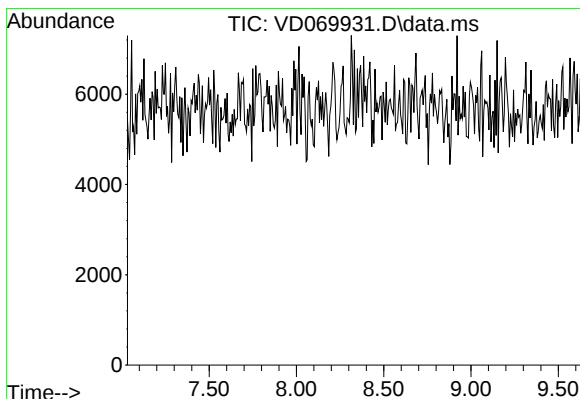
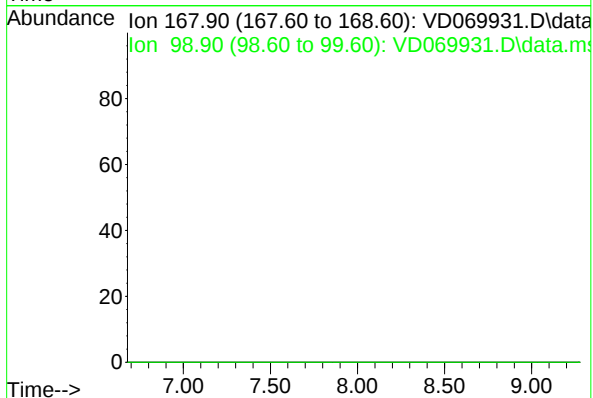


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.98 min

Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

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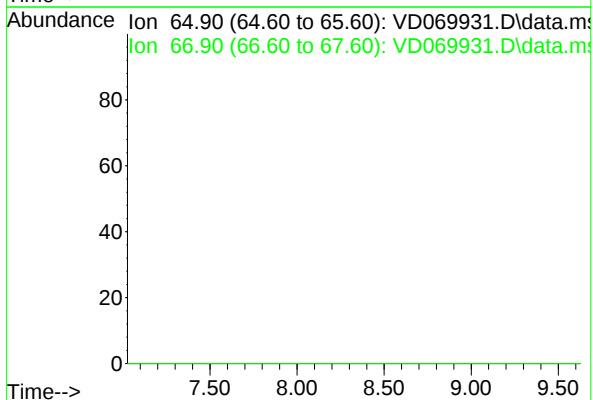
Tgt Ion: 168
Sig Exp Ratio
168 100
99 63.9

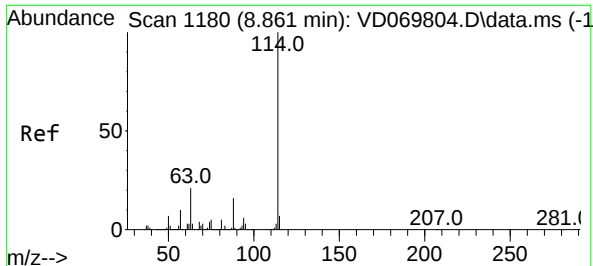


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.33 min

Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.6

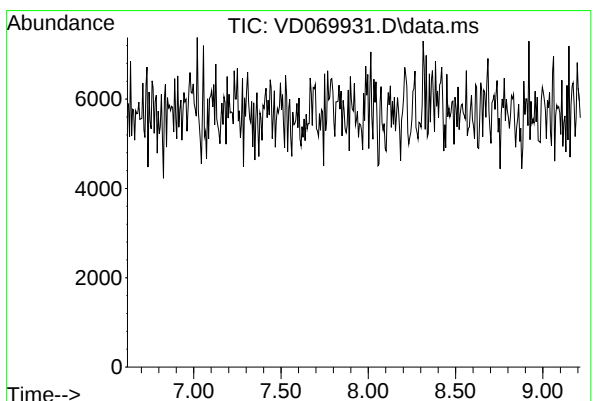
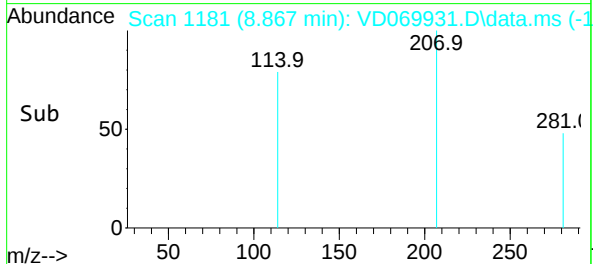
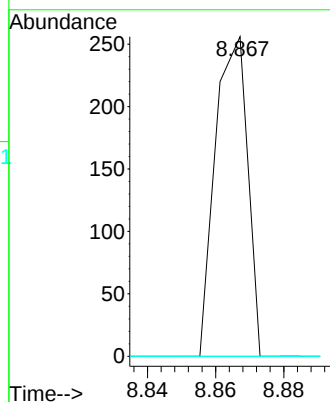
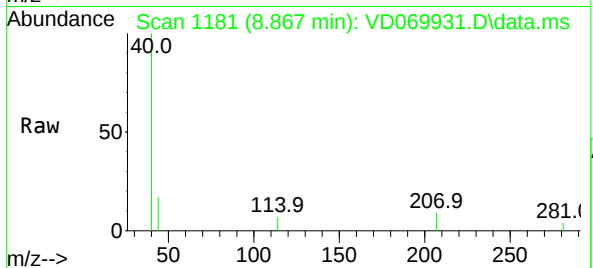




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.006 min
 Lab File: VD069931.D
 Acq: 30 Jul 2021 11:40

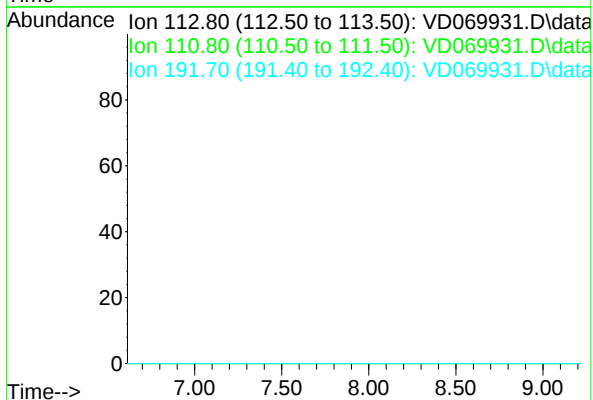
Instrument :
 MSVOA_D
 ClientSampled :
 221

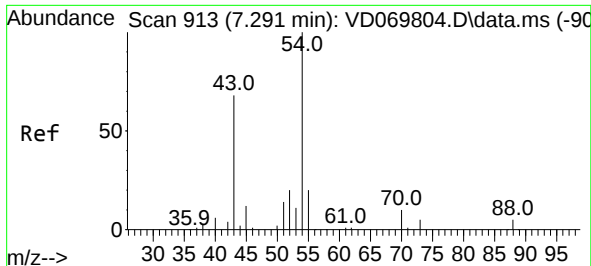
Tgt Ion:114	Resp:	168
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 41.6
88	0.0	0.0 31.4



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.91 min
 Lab File: VD069931.D
 Acq: 30 Jul 2021 11:40

Tgt Ion: 113	
Sig	Exp Ratio
113	100
111	100.6
192	15.8

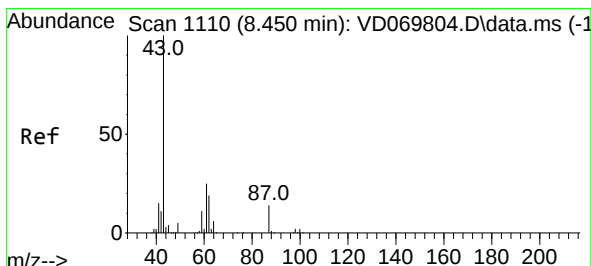
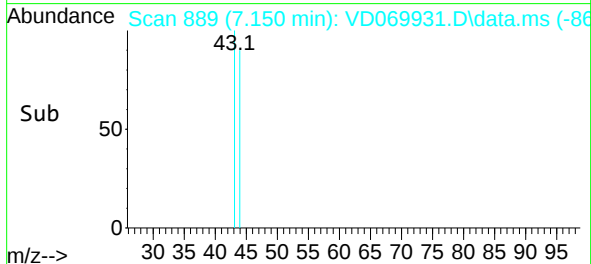
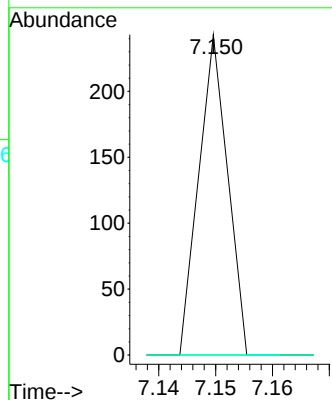
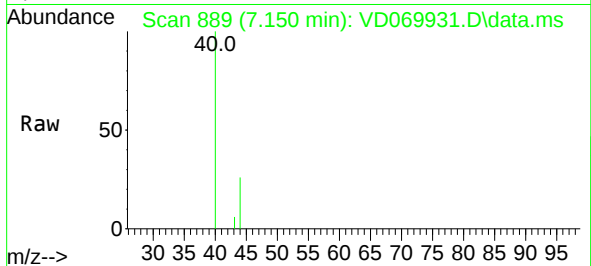




#37
Ethyl Acetate
Concen: 130.300 ug/l
RT: 7.150 min Scan# 889
Delta R.T. -0.141 min
Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

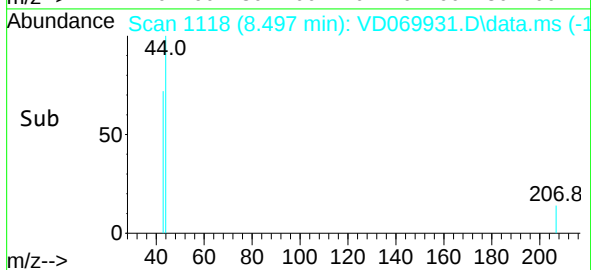
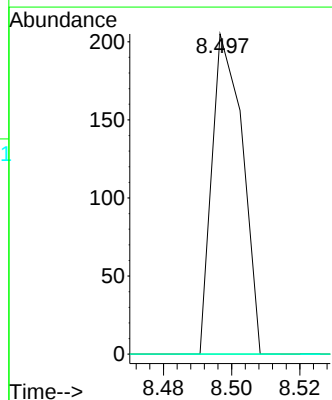
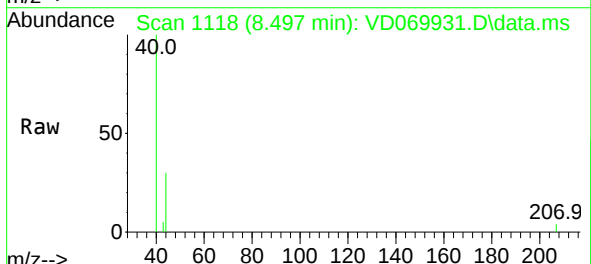
Instrument :
MSVOA_D
ClientSampleId :
221

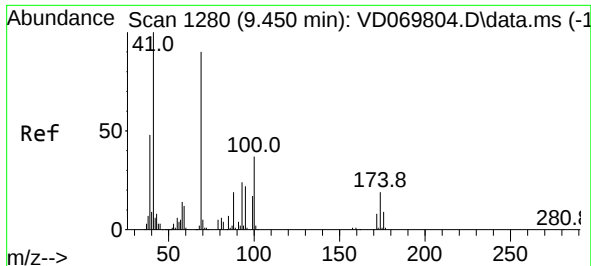
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.9 13.3#



#43
Isopropyl Acetate
Concen: 107.288 ug/l
RT: 8.497 min Scan# 1118
Delta R.T. 0.047 min
Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
61 0.0 27.8 41.6#
87 0.0 11.3 16.9#





#48

Methyl methacrylate

Concen: 103.210 ug/l

RT: 9.397 min Scan# 1271

Delta R.T. -0.053 min

Lab File: VD069931.D

Acq: 30 Jul 2021 11:40

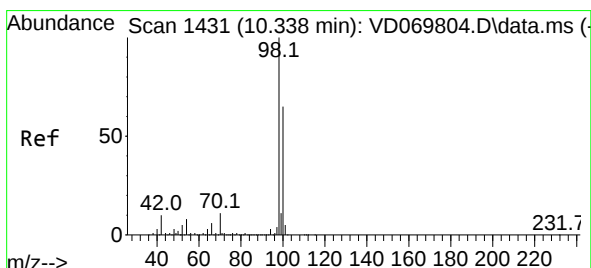
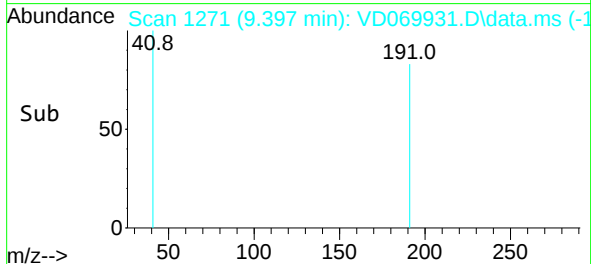
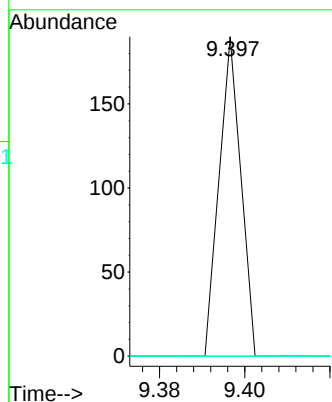
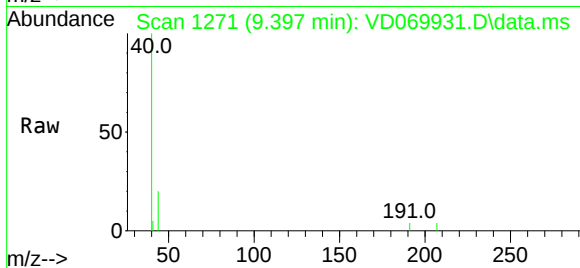
Instrument :

MSVOA_D

ClientSampleId :

221

Tgt Ion: 41	Resp: 67
Ion Ratio	Lower Upper
41 100	
69 0.0	73.4 110.2#
39 0.0	36.6 55.0#



#50

Toluene-d8

Concen: 26.691 ug/l

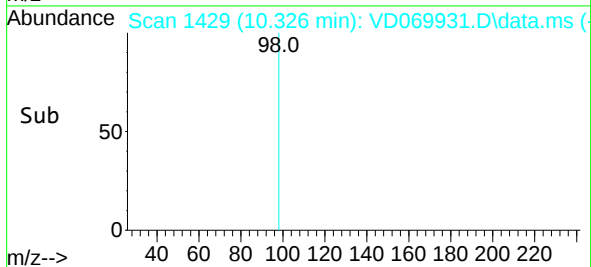
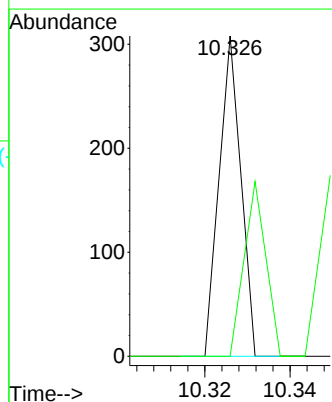
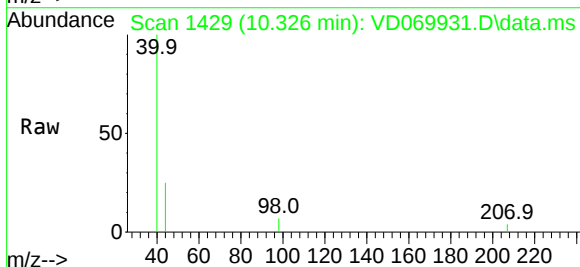
RT: 10.326 min Scan# 1429

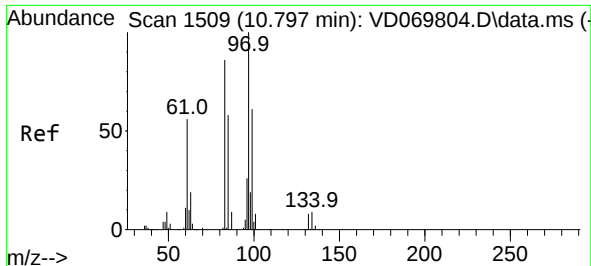
Delta R.T. -0.012 min

Lab File: VD069931.D

Acq: 30 Jul 2021 11:40

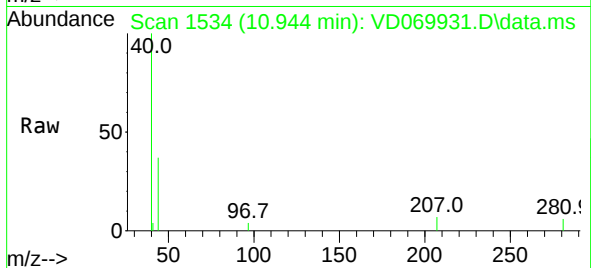
Tgt Ion: 98	Resp: 109
Ion Ratio	Lower Upper
98 100	
100 54.1	51.9 77.9



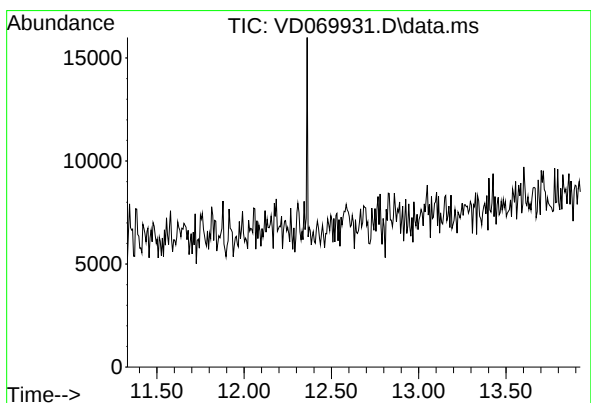
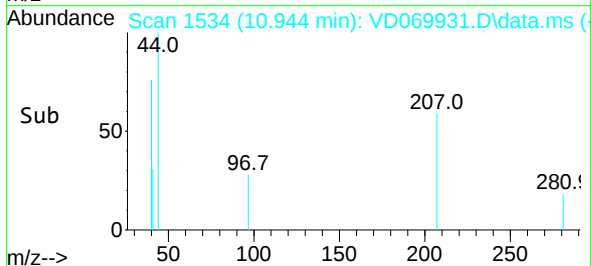
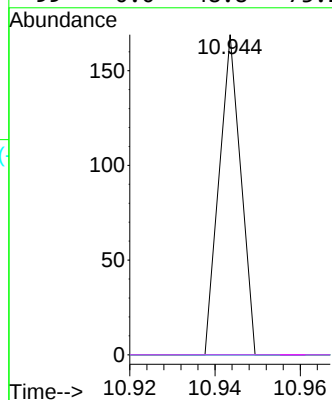


#55
1,1,2-Trichloroethane
Concen: 62.639 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.147 min
Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

Instrument :
MSVOA_D
ClientSampleId :
221



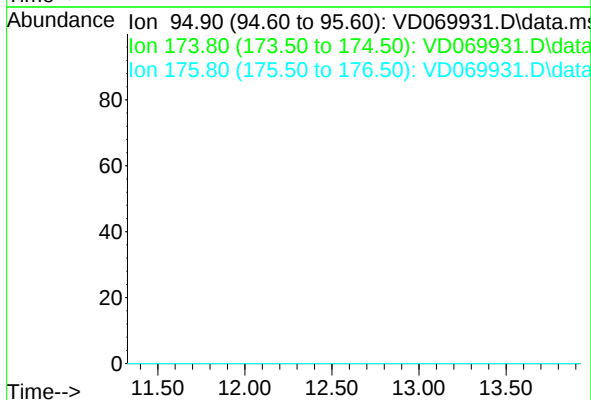
Tgt Ion: 97 Resp: 60
Ion Ratio Lower Upper
97 100
83 0.0 69.1 103.7#
85 0.0 46.2 69.2#
99 0.0 48.8 73.2#

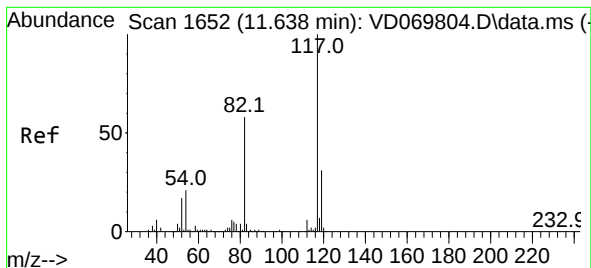


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

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

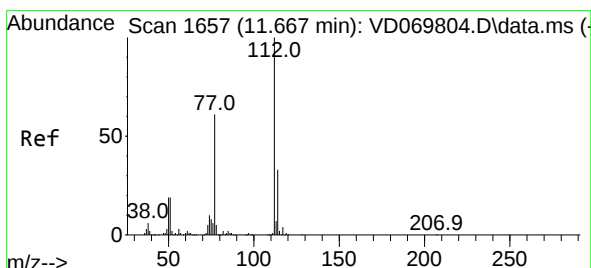
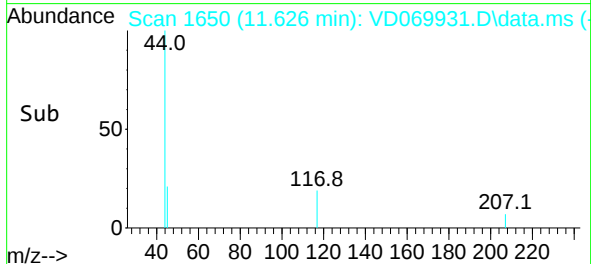
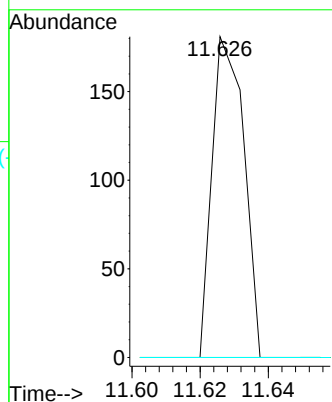
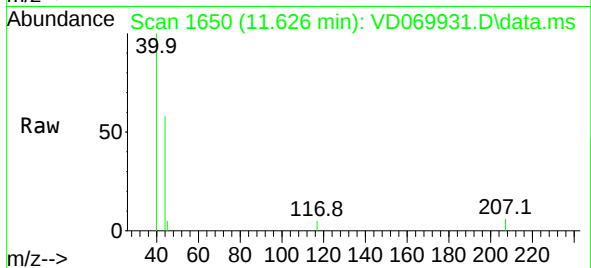




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.626 min Scan# 1650
Delta R.T. -0.012 min
Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

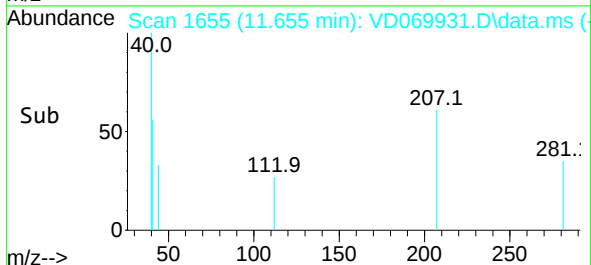
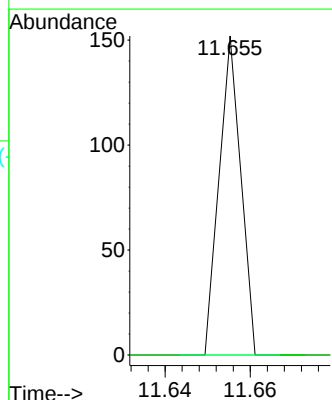
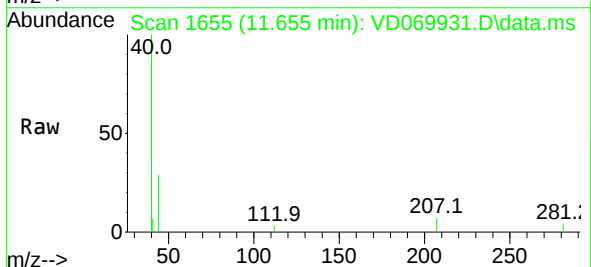
Instrument :
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221

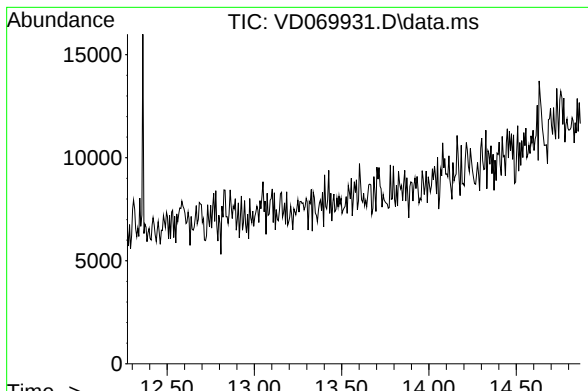
Tgt Ion:117 Resp: 117
Ion Ratio Lower Upper
117 100
82 0.0 46.3 69.5#
119 0.0 24.7 37.1#



#65
Chlorobenzene
Concen: 22.277 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.012 min
Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

Tgt Ion:112 Resp: 54
Ion Ratio Lower Upper
112 100
114 0.0 26.5 39.7#





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

Lab File: VD069931.D
Acq: 30 Jul 2021 11:40

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

Instrument :
MSVOA_D
ClientSampleId :
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