

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069218.D
 Acq On : 20 May 2021 14:56
 Operator : VA/SY
 Sample : M2420-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 21 00:54:19 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)

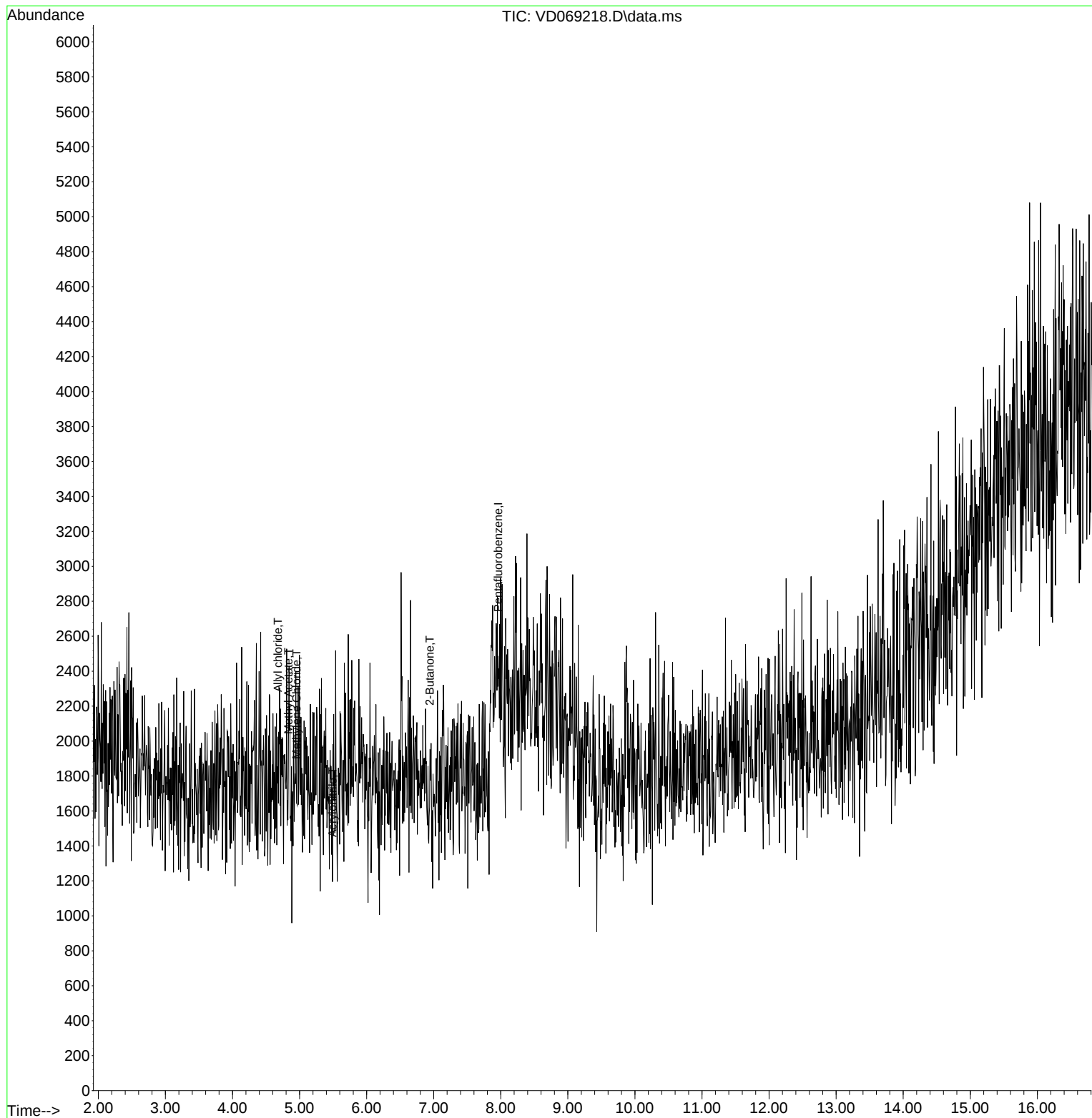
Internal Standards						
1) Pentafluorobenzene	7.961	168	109	50.00	ug/l	#-0.02
34) 1,4-Difluorobenzene	0.000	114	0	0.00	ug/l	-8.87
63) Chlorobenzene-d5	0.000	117	0	0.00	ug/l	-11.64
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.00	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0	0.00	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0	0.00	ug/l	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0	0.00	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.00%#
Target Compounds						
					Qvalue	
14) Allyl chloride	4.679	41	56	46.81	ug/l #	15
15) Acrylonitrile	5.491	53	71	389.07	ug/l #	18
18) Methyl Acetate	4.832	43	54	132.80	ug/l #	45
20) Methylene Chloride	4.956	84	56	39.16	ug/l #	14
25) 2-Butanone	6.944	43	67	295.44	ug/l #	38

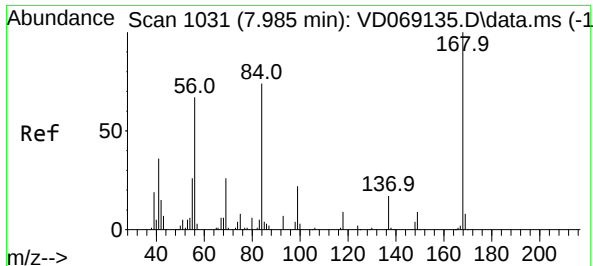
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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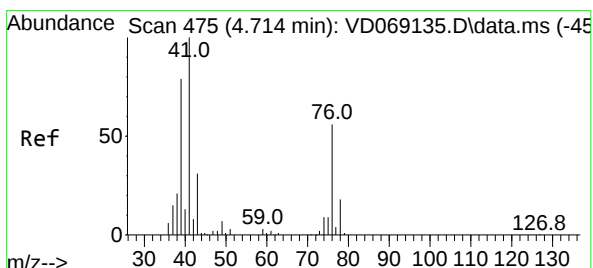
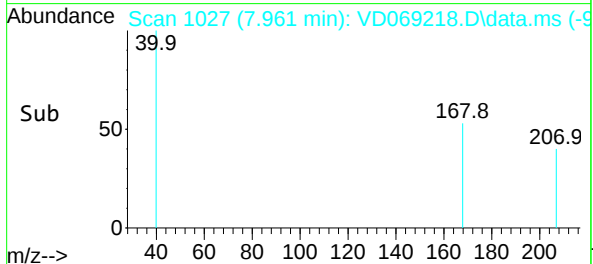
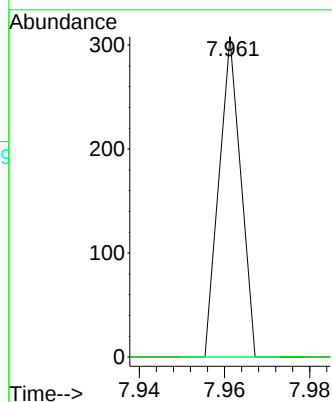
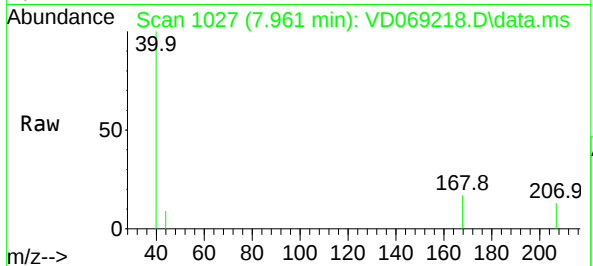




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.024 min
Lab File: VD069218.D
Acq: 20 May 2021 14:56

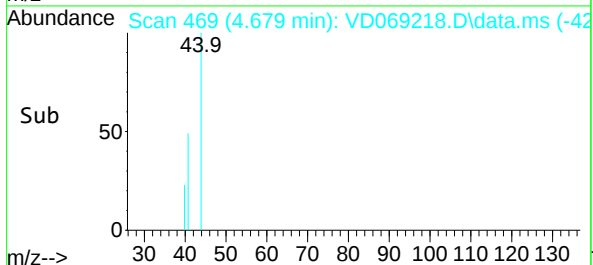
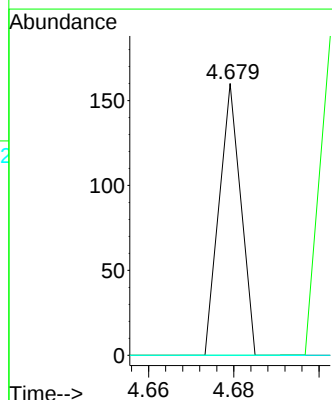
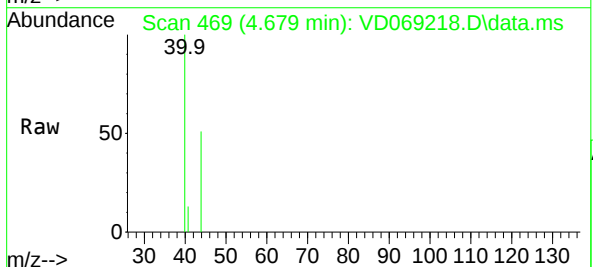
Instrument :
MSVOA_D
ClientSampleId :

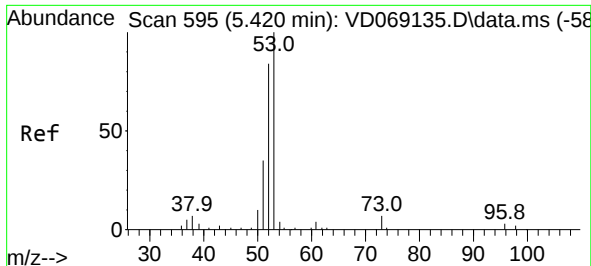
Tgt Ion:168 Resp: 109
Ion Ratio Lower Upper
168 100
99 0.0 47.2 70.8#



#14
Allyl chloride
Concen: 46.81 ug/l
RT: 4.679 min Scan# 469
Delta R.T. -0.035 min
Lab File: VD069218.D
Acq: 20 May 2021 14:56

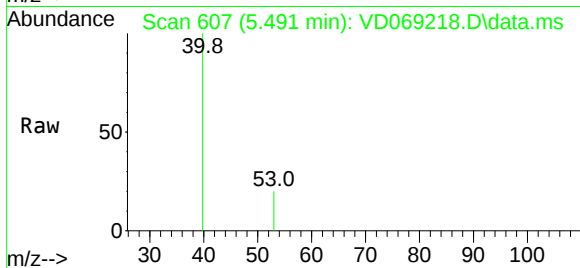
Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 0.0 64.3 96.5#
76 0.0 43.6 65.4#



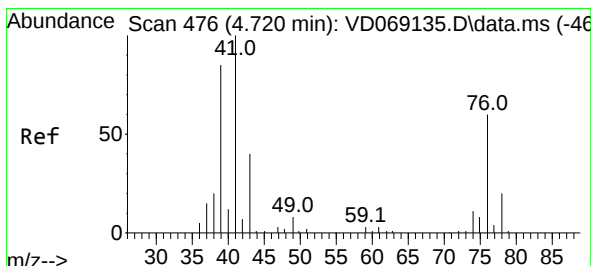
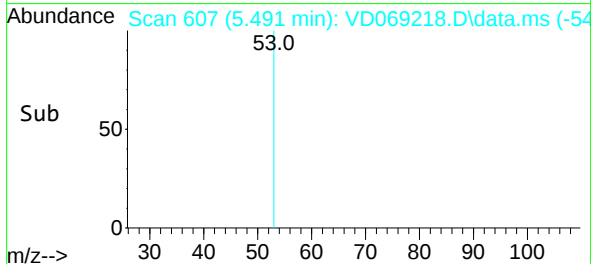
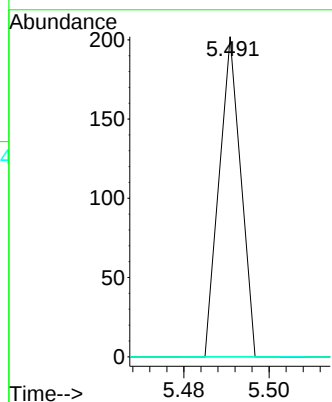


#15
Acrylonitrile
Concen: 389.07 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.071 min
Lab File: VD069218.D
Acq: 20 May 2021 14:56

Instrument :
MSVOA_D
ClientSampled :

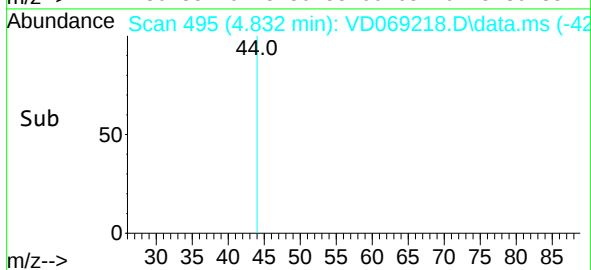
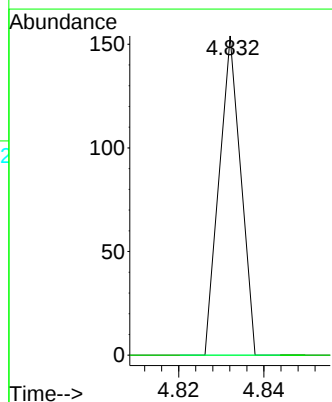
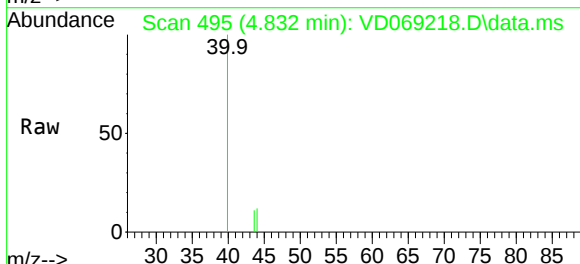


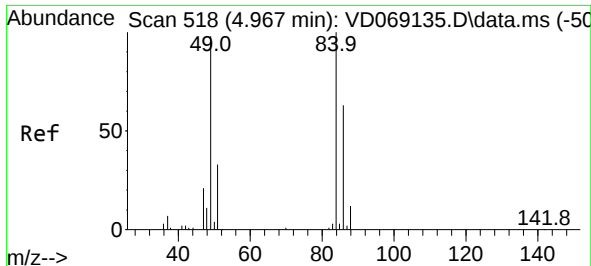
Tgt Ion: 53 Resp: 71
Ion Ratio Lower Upper
53 100
52 0.0 64.5 96.7#
51 0.0 30.4 45.6#



#18
Methyl Acetate
Concen: 132.80 ug/l
RT: 4.832 min Scan# 495
Delta R.T. 0.112 min
Lab File: VD069218.D
Acq: 20 May 2021 14:56

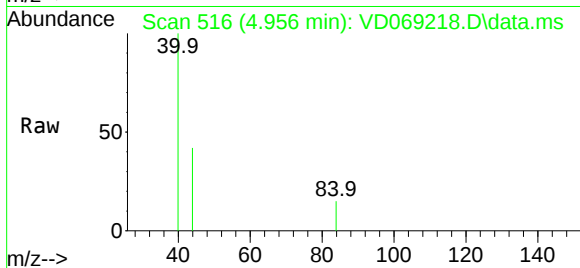
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6#



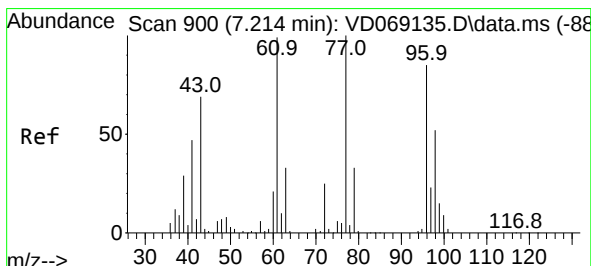
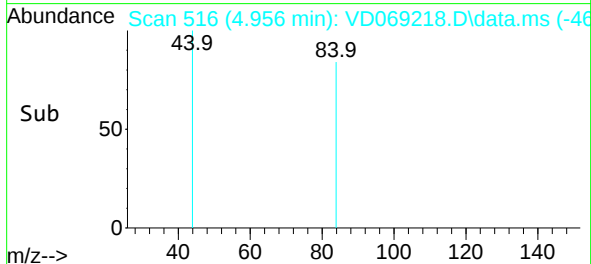
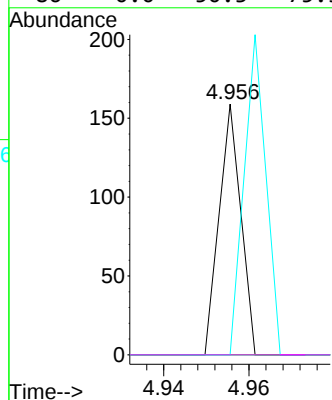


#20
Methylene Chloride
Concen: 39.16 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069218.D
Acq: 20 May 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :

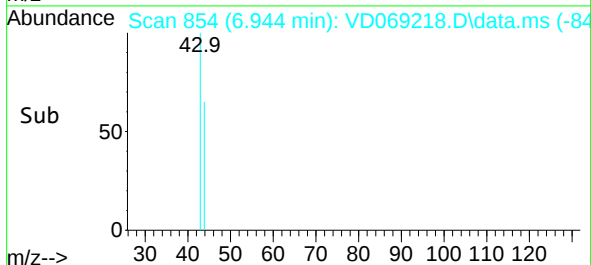
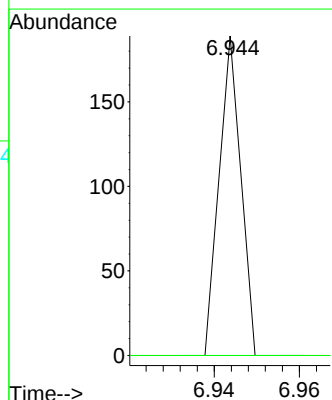
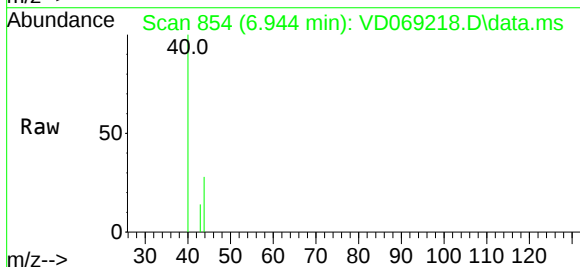


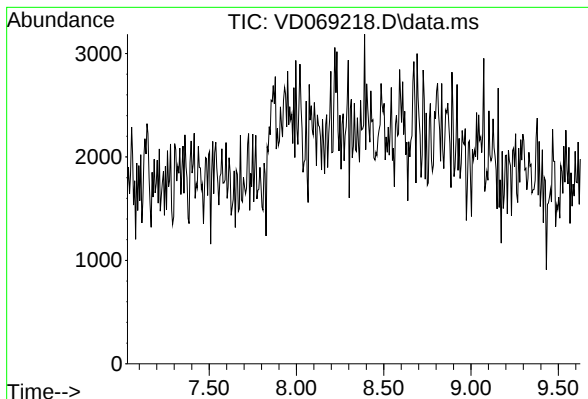
Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
49 0.0 78.6 117.8#
51 0.0 26.7 40.1#
86 0.0 50.3 75.5#



#25
2-Butanone
Concen: 295.44 ug/l
RT: 6.944 min Scan# 854
Delta R.T. -0.270 min
Lab File: VD069218.D
Acq: 20 May 2021 14:56

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
72 0.0 29.1 43.7#

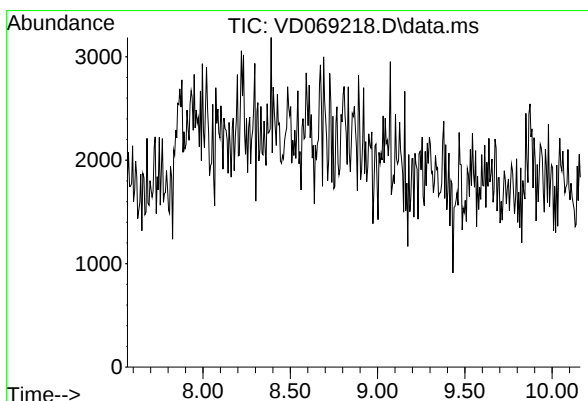
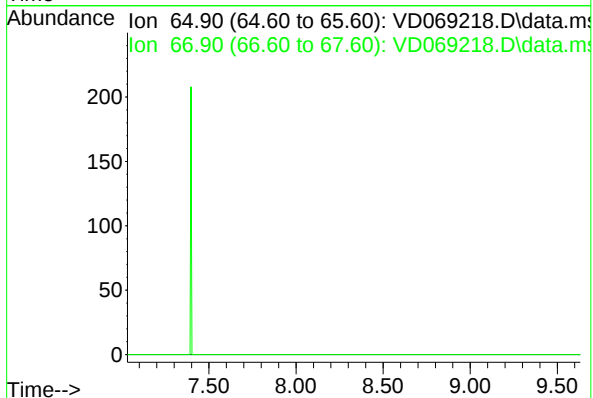




#33
 1,2-Dichloroethane-d4
 Concen: 0.00 ug/l
 Expected RT: 8.33 min
 Lab File: VD069218.D
 Acq: 20 May 2021 14:56

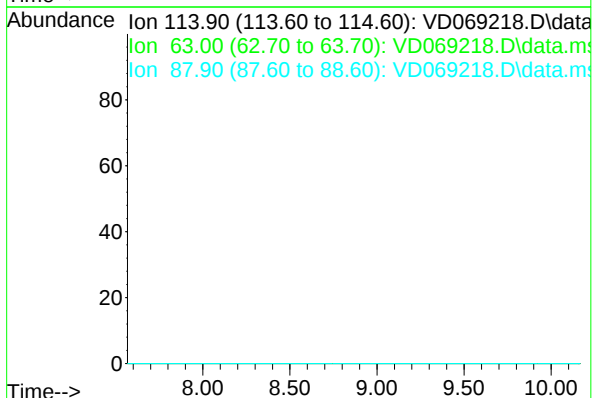
Instrument :
 MSVOA_D
 ClientSampleId :

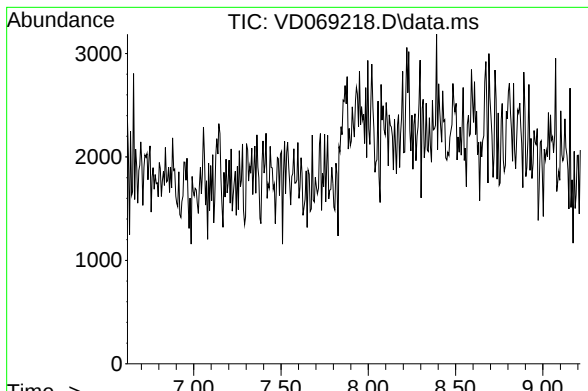
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 54.0



#34
 1,4-Difluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 8.87 min
 Lab File: VD069218.D
 Acq: 20 May 2021 14:56

Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 18.2
 88 14.1



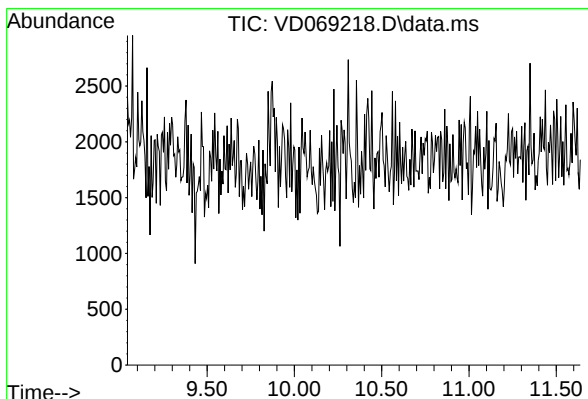
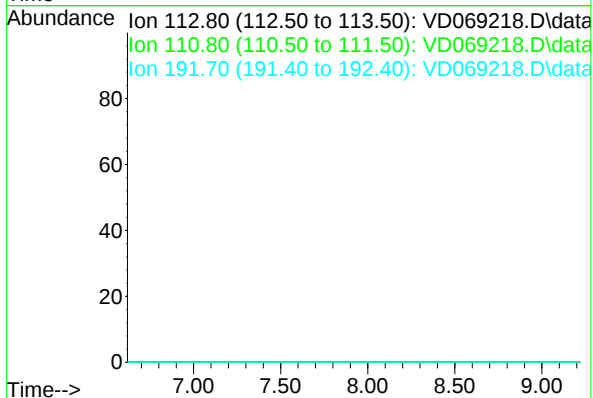


#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 7.92 min
 Lab File: VD069218.D
 Acq: 20 May 2021 14:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 113

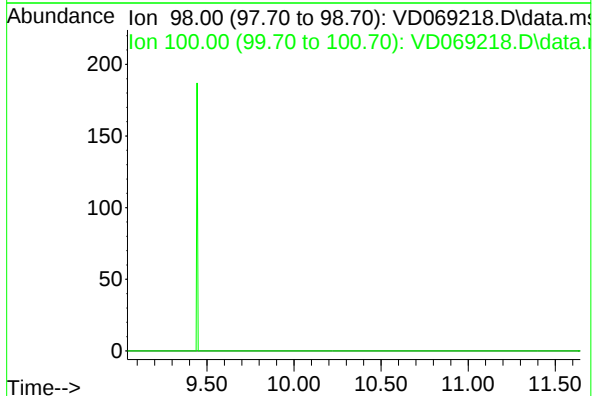
Sig	Exp Ratio
113	100
111	100.7
192	18.5

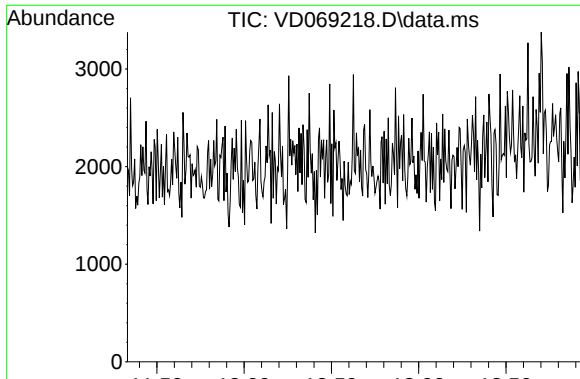


#50
 Toluene-d8
 Concen: 0.00 ug/l
 Expected RT: 10.34 min
 Lab File: VD069218.D
 Acq: 20 May 2021 14:56

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	64.8



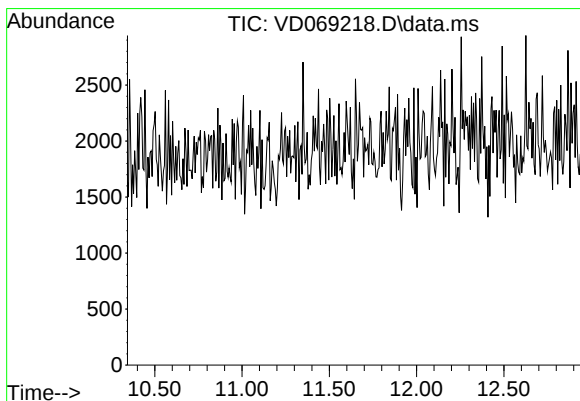
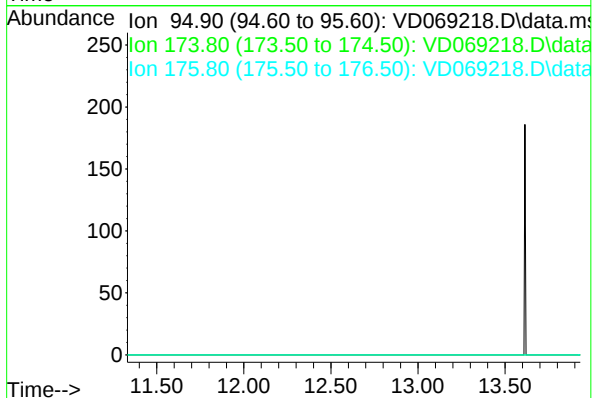


#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 12.63 min
 Lab File: VD069218.D
 Acq: 20 May 2021 14:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 95

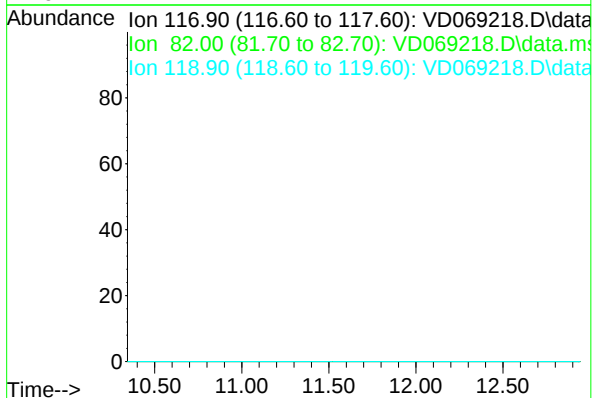
Sig	Exp Ratio
95	100
174	85.9
176	82.7

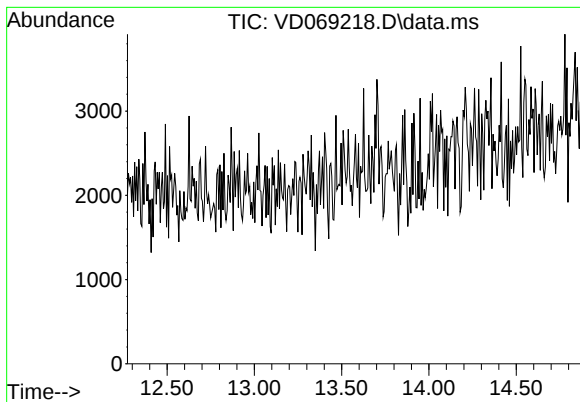


#63
 Chlorobenzene-d5
 Concen: 0.00 ug/l
 Expected RT: 11.64 min
 Lab File: VD069218.D
 Acq: 20 May 2021 14:56

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	50.6
119	30.3





#72
1,4-Dichlorobenzene-d4
Concen: 0.00 ug/l
Expected RT: 13.57 min

Lab File: VD069218.D
Acq: 20 May 2021 14:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 152
Sig Exp Ratio
152 100
115 59.9
150 175.1

