

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068288.D
 Acq On : 04 Feb 2021 20:29
 Operator : VA/SY
 Sample : M1292-02MS
 Misc : 9.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 00:07:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

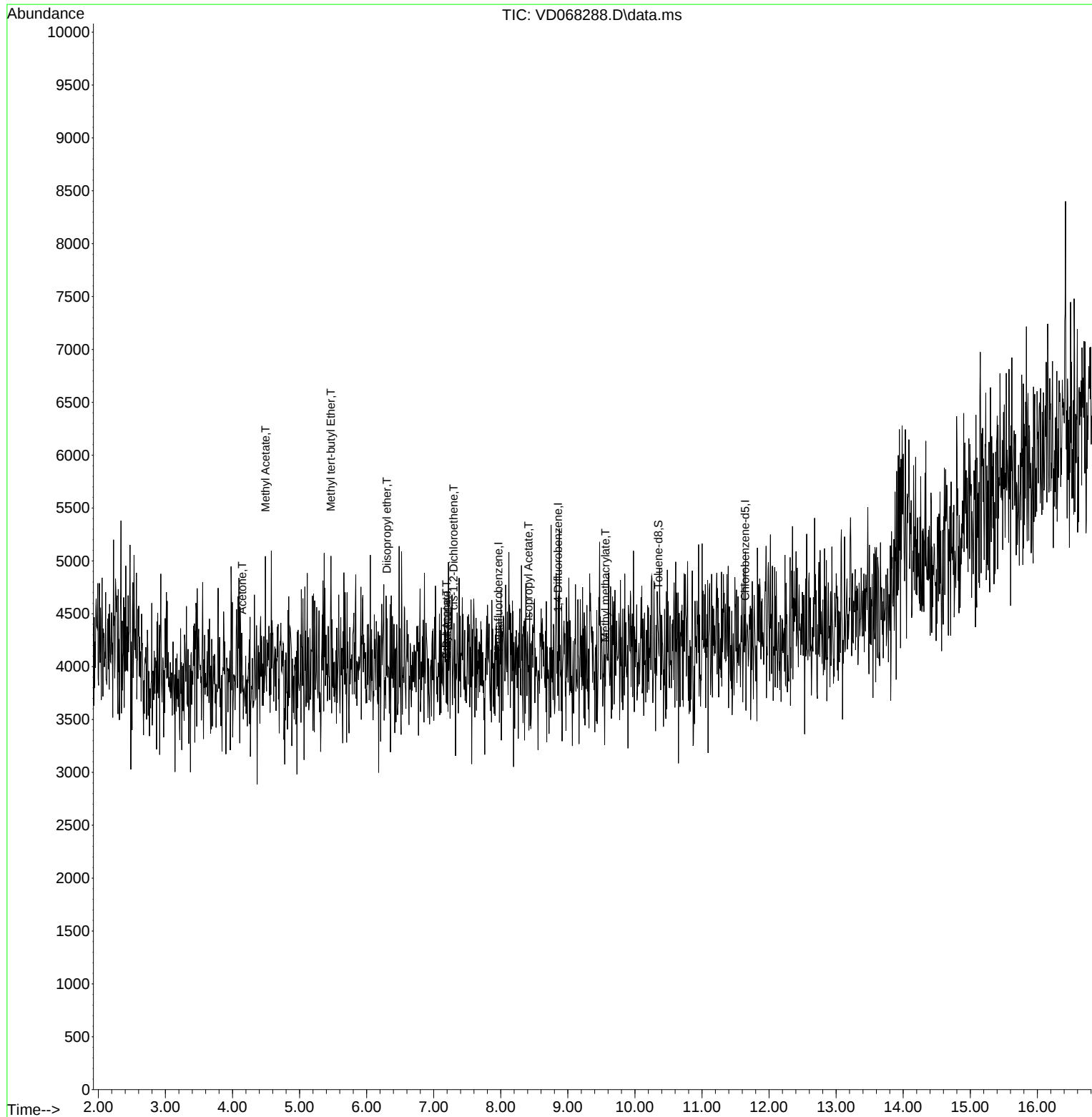
Internal Standards						
1) Pentafluorobenzene	7.967	168	85	50.00	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.855	114	271	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.644	117	125	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	10.349	98	148	24.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	49.40%
62) 4-Bromofluorobenzene	0.000	95	0	0.00	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.00%#
Target Compounds						
						Qvalue
16) Acetone	4.144	43	74	509.69	ug/l #	44
18) Methyl Acetate	4.491	43	56	148.61	ug/l #	43
19) Methyl tert-butyl Ether	5.467	73	65	30.19	ug/l #	59
22) Diisopropyl ether	6.303	45	92	33.66	ug/l #	34
25) 2-Butanone	7.191	43	56	256.17	ug/l #	43
27) cis-1,2-Dichloroethene	7.297	96	60	51.69	ug/l #	1
37) Ethyl Acetate	7.191	43	56	57.93	ug/l #	64
43) Isopropyl Acetate	8.414	43	101	50.13	ug/l #	46
48) Methyl methacrylate	9.561	41	53	52.86	ug/l #	1

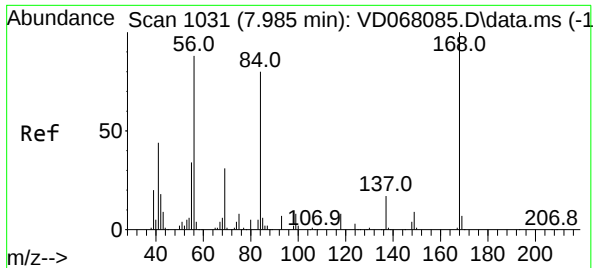
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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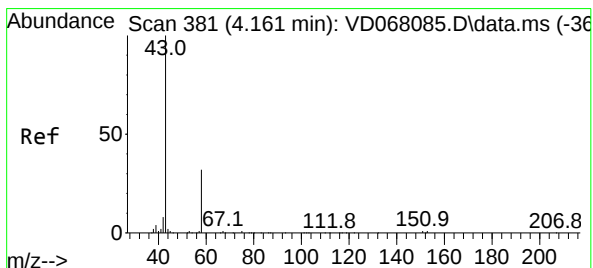
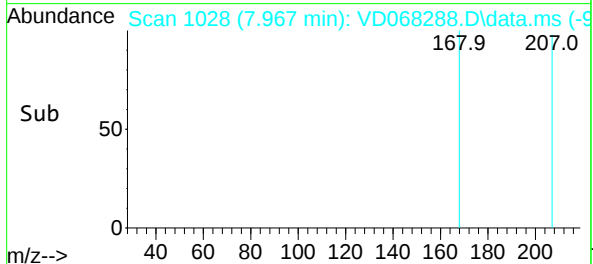
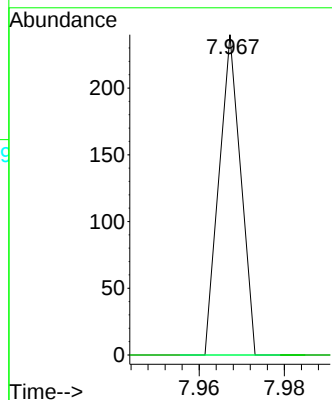
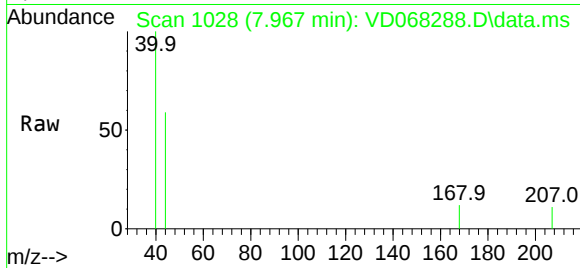




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

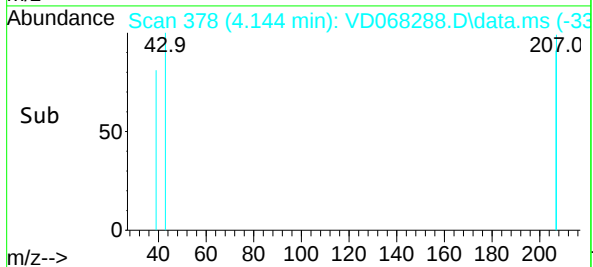
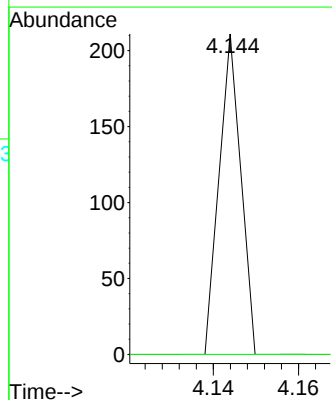
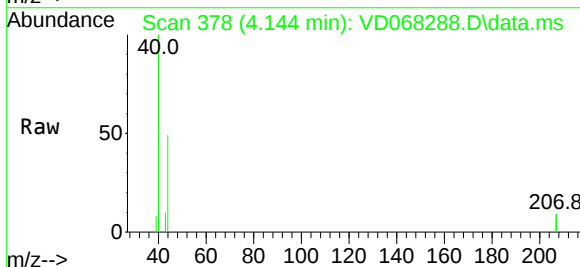
Instrument :
MSVOA_D
ClientSampled :

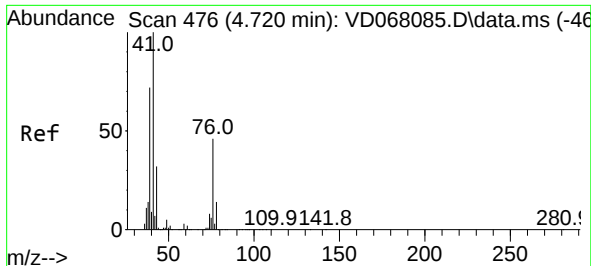
Tgt Ion:168 Resp: 85
Ion Ratio Lower Upper
168 100
99 0.0 43.5 65.3#



#16
Acetone
Concen: 509.69 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

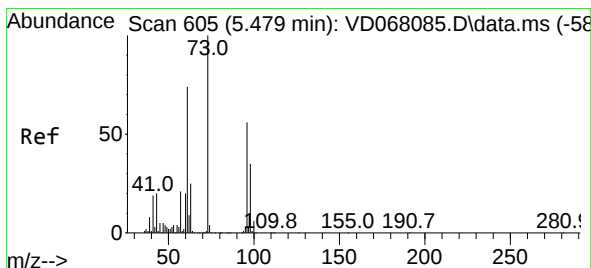
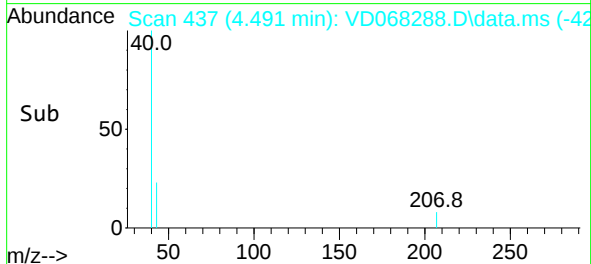
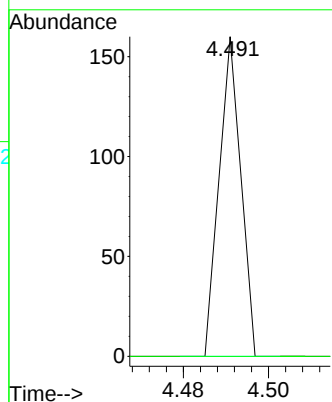
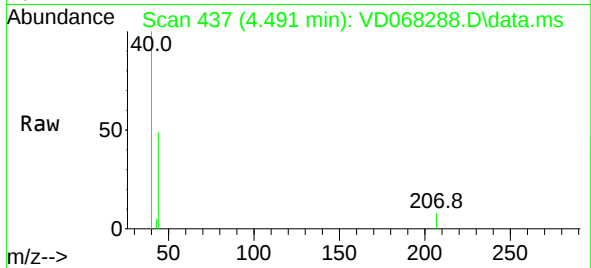




#18
Methyl Acetate
Concen: 148.61 ug/l
RT: 4.491 min Scan# 437
Delta R.T. -0.229 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

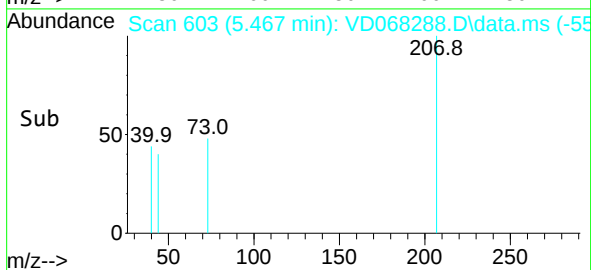
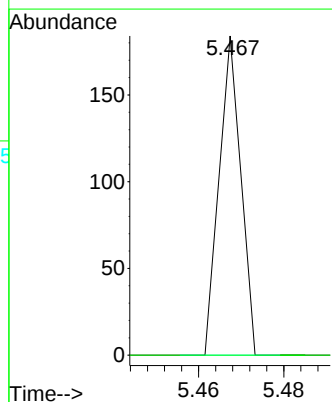
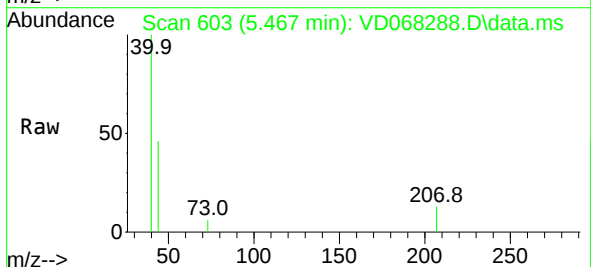
Instrument :
MSVOA_D
ClientSampled :

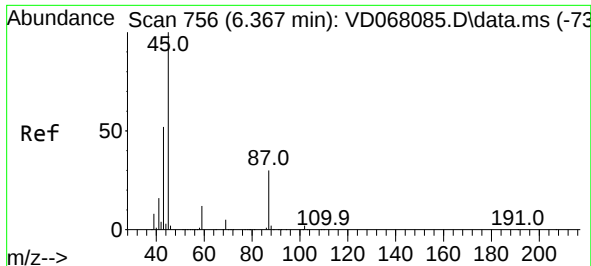
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#



#19
Methyl tert-butyl Ether
Concen: 30.19 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

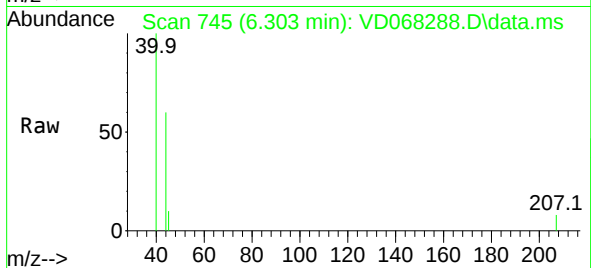
Tgt Ion: 73 Resp: 65
Ion Ratio Lower Upper
73 100
57 0.0 14.4 21.6#



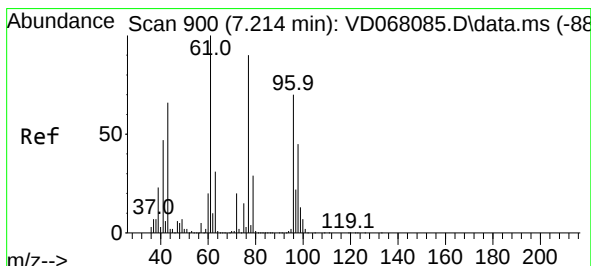
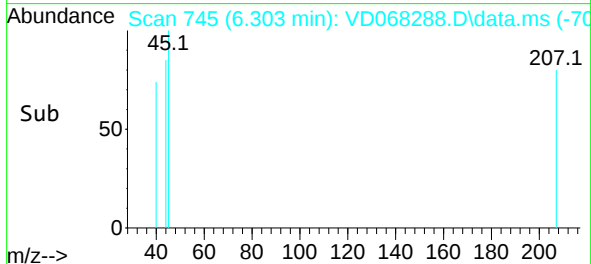
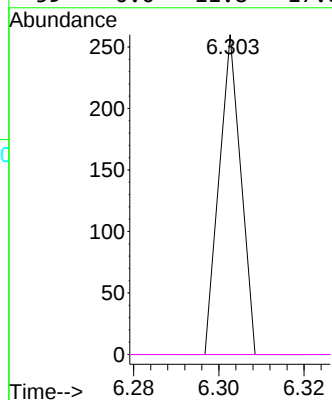


#22
Diisopropyl ether
Concen: 33.66 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.064 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Instrument :
MSVOA_D
ClientSampled :

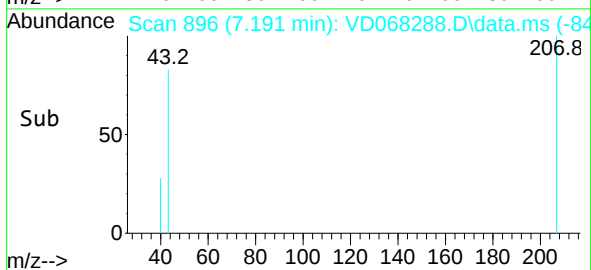
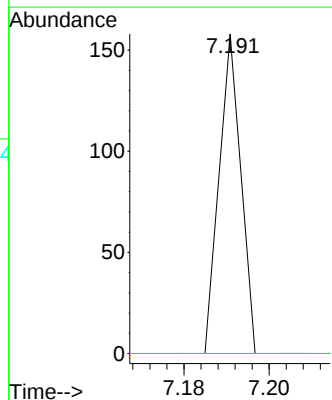
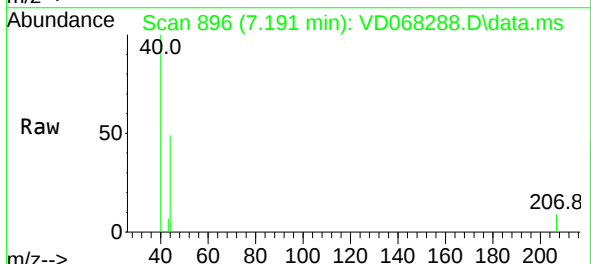


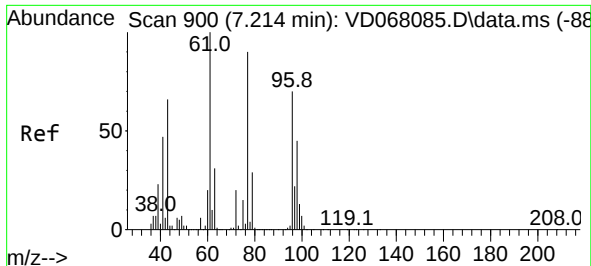
Tgt Ion: 45	Resp: 92
Ion Ratio	Lower Upper
45 100	
43 0.0	43.9 65.9#
87 0.0	29.9 44.9#
59 0.0	11.8 17.8#



#25
2-Butanone
Concen: 256.17 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.023 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

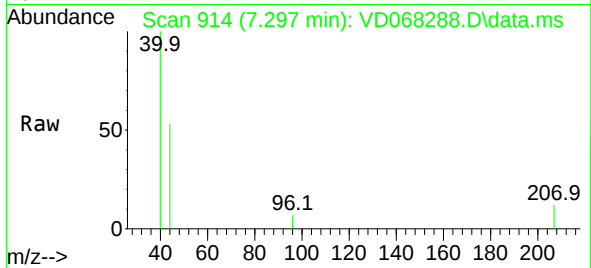
Tgt Ion: 43	Resp: 56
Ion Ratio	Lower Upper
43 100	
72 0.0	25.1 37.7#



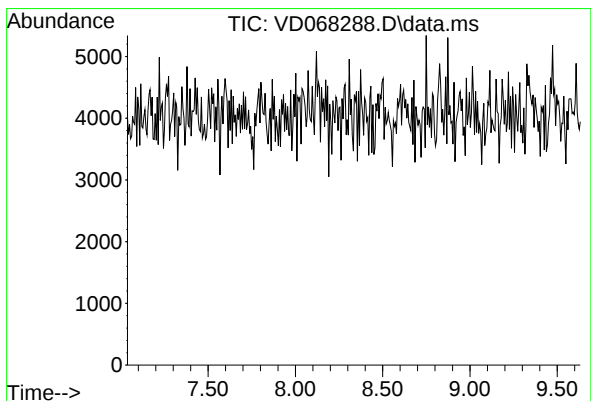
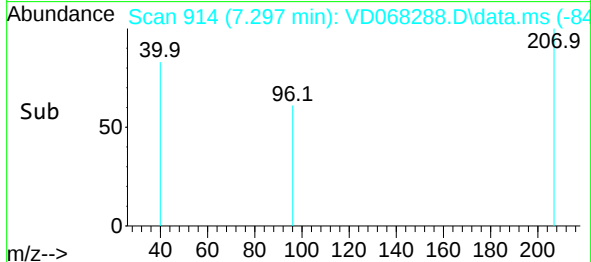
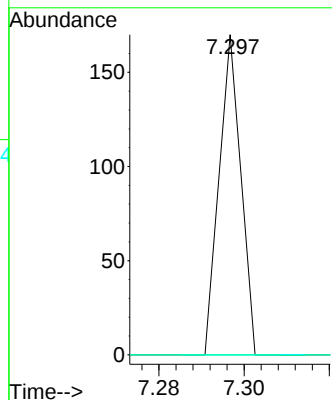


#27
 cis-1,2-Dichloroethene
 Concen: 51.69 ug/l
 RT: 7.297 min Scan# 914
 Delta R.T. 0.083 min
 Lab File: VD068288.D
 Acq: 04 Feb 2021 20:29

Instrument :
 MSVOA_D
 ClientSampleId :



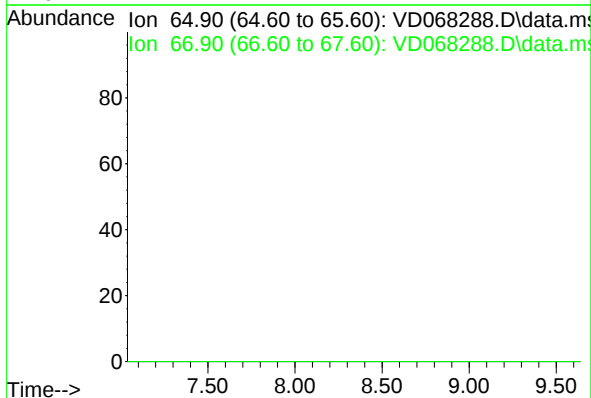
Tgt Ion: 96 Resp: 60
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 257.4
 98 0.0 0.0 126.6



#33
 1,2-Dichloroethane-d4
 Concen: 0.00 ug/l
 Expected RT: 8.34 min

Lab File: VD068288.D
 Acq: 04 Feb 2021 20:29

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.5

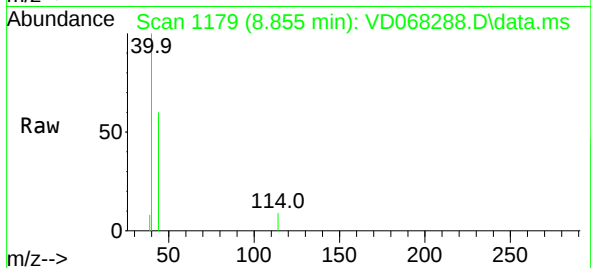


Ion 66.90 (66.60 to 67.60): VD068288.D\data.ms

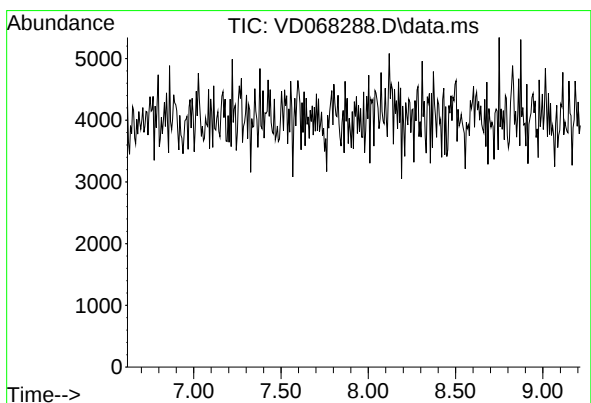
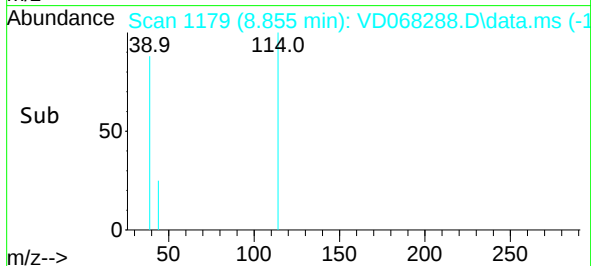
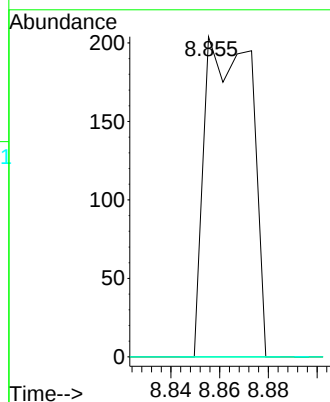


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.012 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Instrument :
MSVOA_D
ClientSampleId :



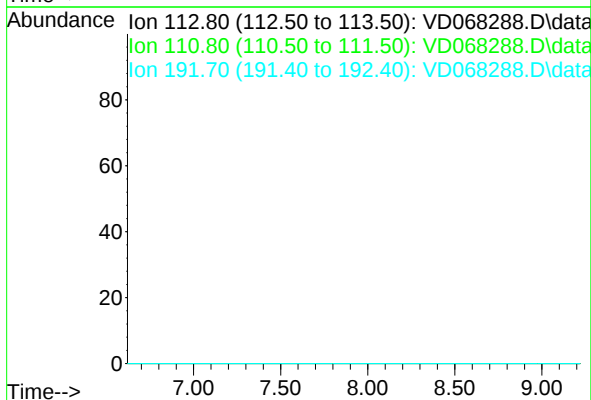
Tgt Ion:114	Resp:	271
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 34.8
88	0.0	0.0 31.6

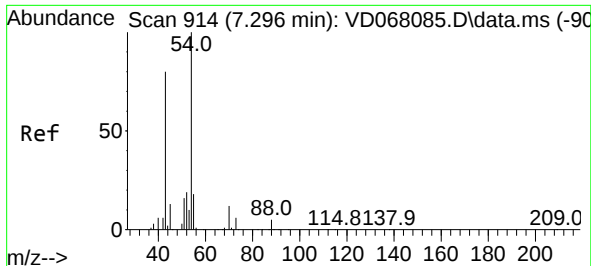


#35
Dibromofluoromethane
Concen: 0.00 ug/l
Expected RT: 7.92 min

Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Tgt Ion: 113	
Sig	Exp Ratio
113	100
111	101.7
192	20.1

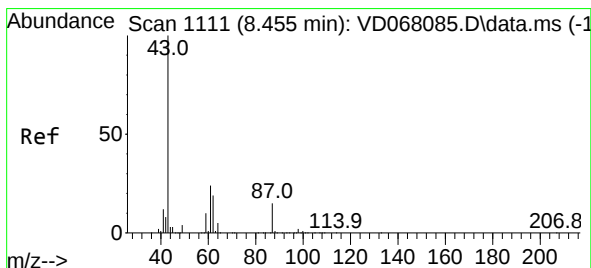
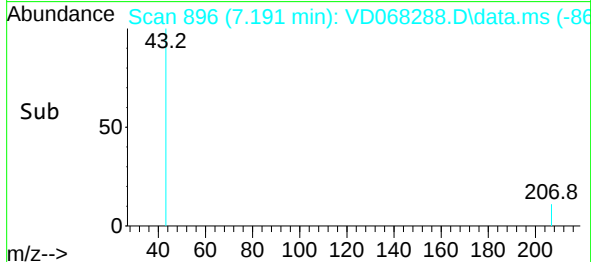
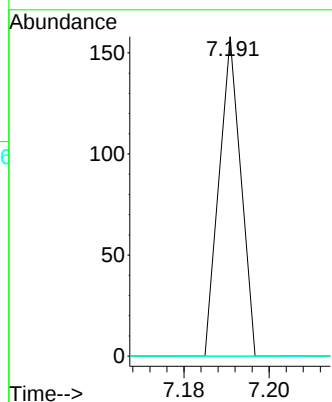
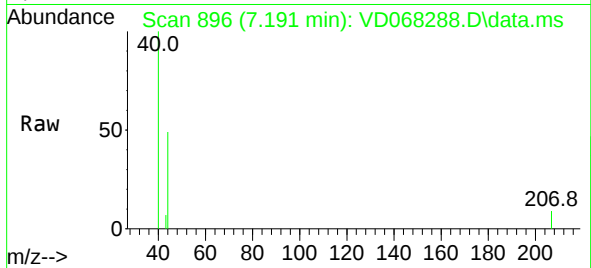




#37
Ethyl Acetate
Concen: 57.93 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.106 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

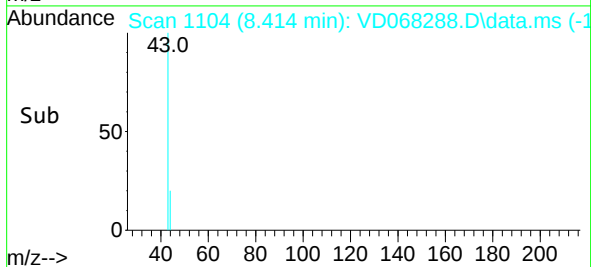
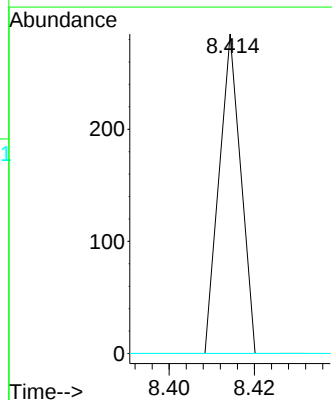
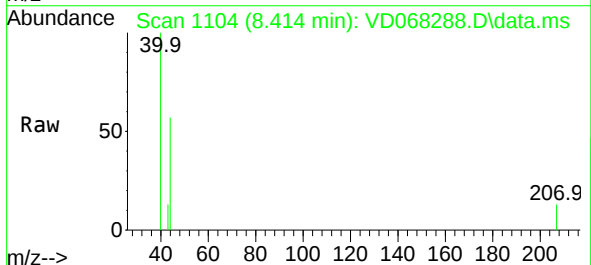
Instrument :
MSVOA_D
ClientSampleId :

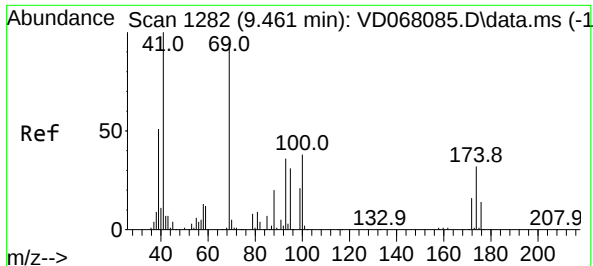
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 0.0 11.0 16.6#



#43
Isopropyl Acetate
Concen: 50.13 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.041 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
61 0.0 28.7 43.1#
87 0.0 13.9 20.9#





#48

Methyl methacrylate

Concen: 52.86 ug/l

RT: 9.561 min Scan# 1299

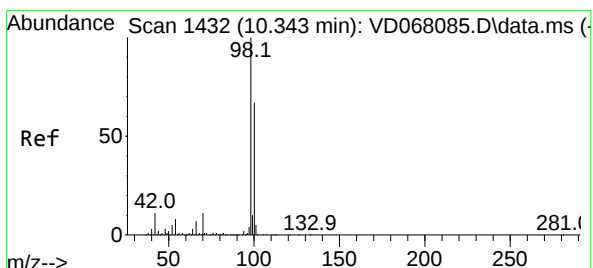
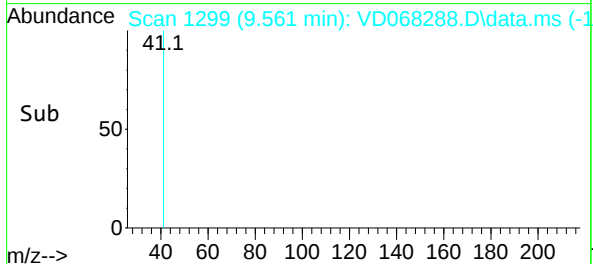
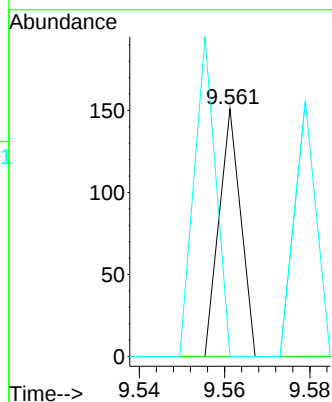
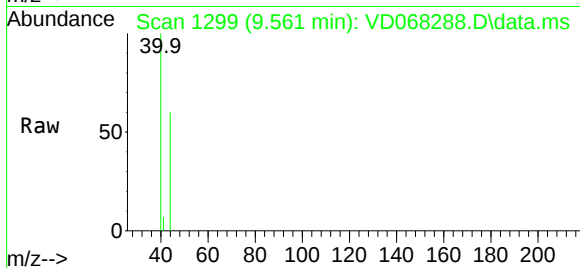
Delta R.T. 0.100 min

Lab File: VD068288.D

Acq: 04 Feb 2021 20:29

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 41	Resp: 53
Ion Ratio	Lower Upper
41 100	
69 0.0	77.1 115.7#
39 130.2	41.5 62.3#



#50

Toluene-d8

Concen: 24.70 ug/l

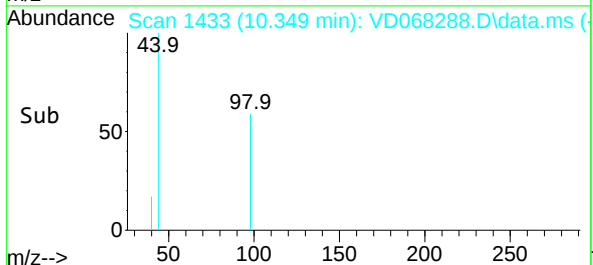
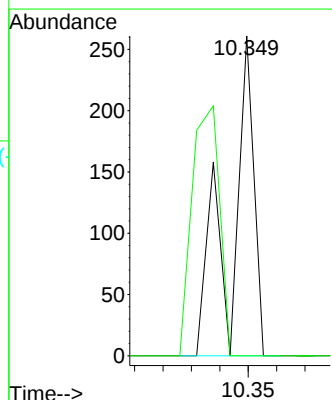
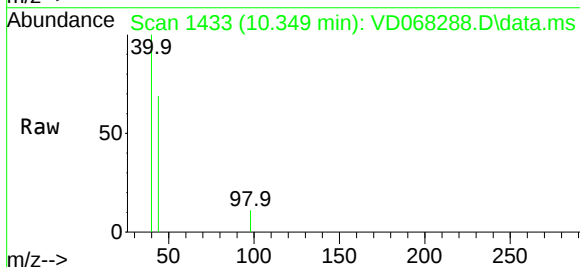
RT: 10.349 min Scan# 1433

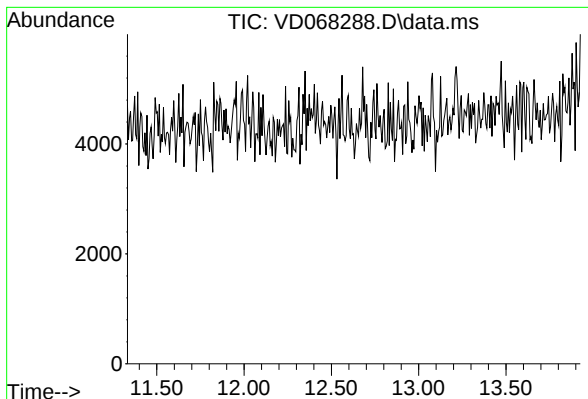
Delta R.T. 0.006 min

Lab File: VD068288.D

Acq: 04 Feb 2021 20:29

Tgt Ion: 98	Resp: 148
Ion Ratio	Lower Upper
98 100	
100 92.6	53.0 79.4#



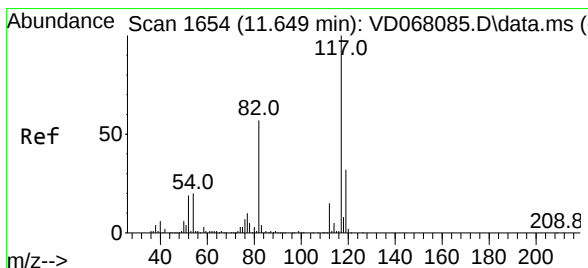
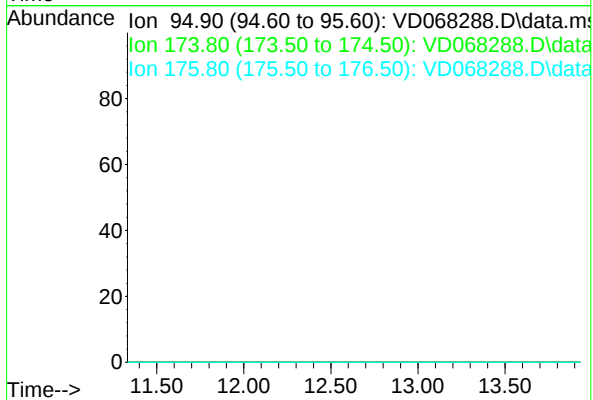


#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
Expected RT: 12.63 min

Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

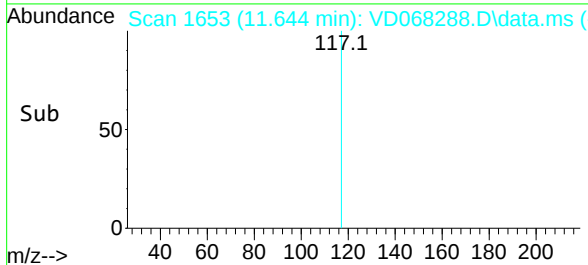
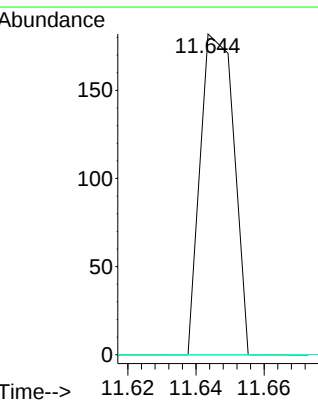
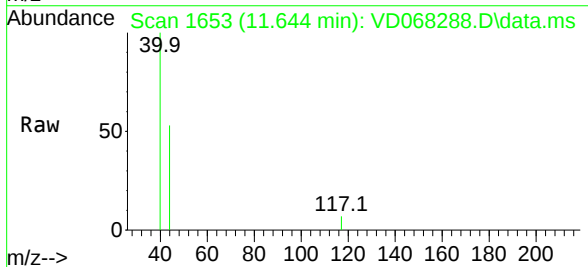
Tgt Ion: 95
Sig Exp Ratio
95 100
174 86.2
176 84.2

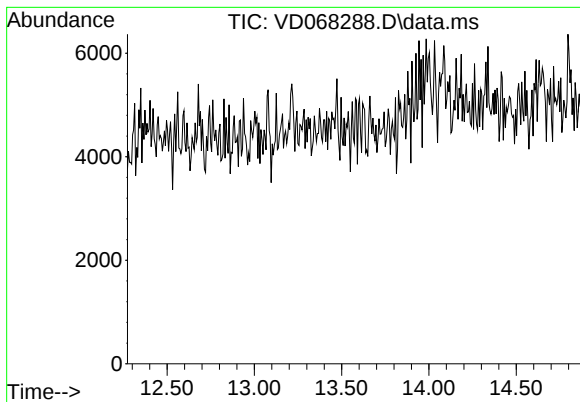
Instrument :
MSVOA_D
ClientSampleId :



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Tgt Ion: 117 Resp: 125
Ion Ratio Lower Upper
117 100
82 0.0 41.4 62.0#
119 0.0 26.1 39.1#





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

Lab File: VD068288.D
Acq: 04 Feb 2021 20:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.9
150 172.2

