

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062588.D
 Acq On : 3 Jun 2019 16:24
 Operator : VA/AP
 Sample : K3097-09
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:52:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

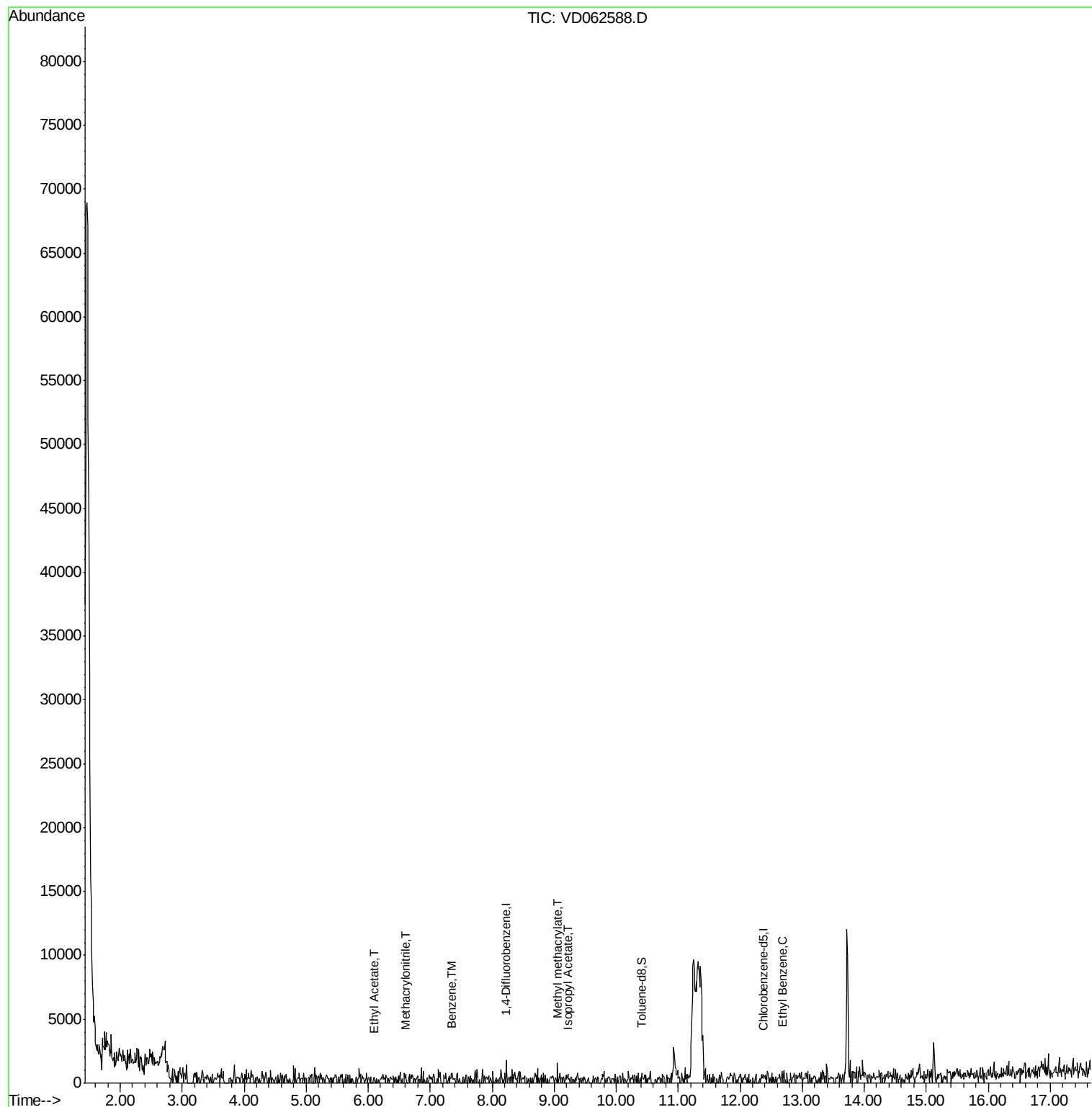
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.06
34) 1,4-Difluorobenzene	8.23	114	259	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-14.53
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.41	98	194	37.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.04%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
37) Ethyl Acetate	6.10	43	243	223.558	ug/l #	72
40) Benzene	7.35	78	179	35.373	ug/l #	51
41) Methacrylonitrile	6.60	41	235	183.721	ug/l #	34
43) Isopropyl Acetate	9.22	43	186	137.488	ug/l #	50
48) Methyl methacrylate	9.05	41	189	209.756	ug/l #	18
67) Ethyl Benzene	12.68	91	258	35.608	ug/l #	47

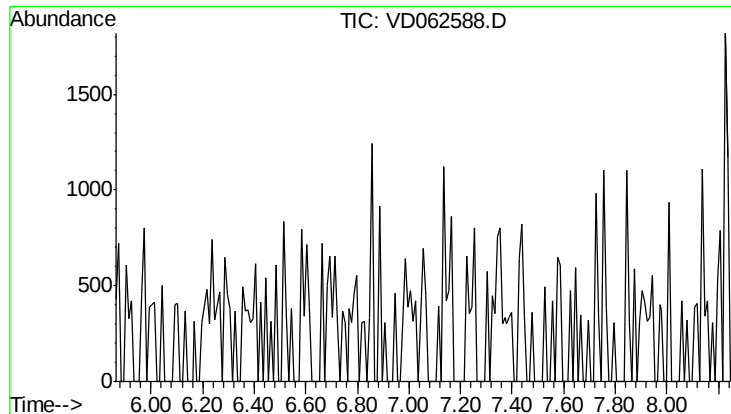
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.06 min

Lab File: VD062588.D

Acq: 3 Jun 2019 16:24

Instrument :

MSVOA_D

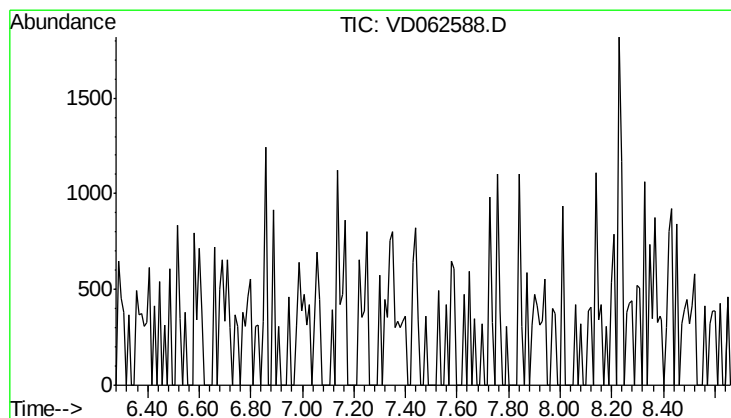
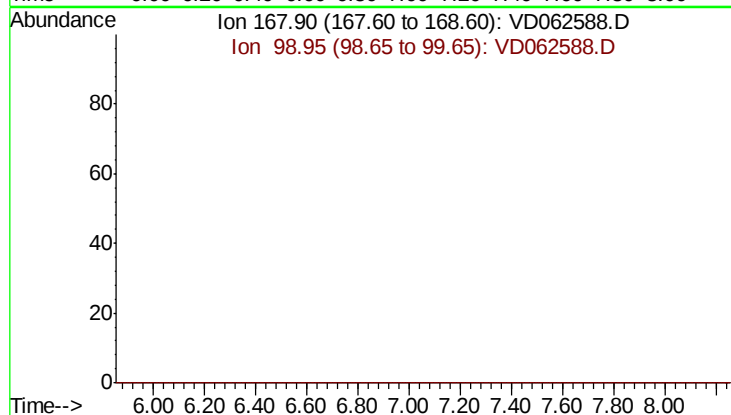
ClientSampleId :

Tot Ion: 168

Sig Exp Ratio

168 100

99 63.5



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.47 min

Lab File: VD062588.D

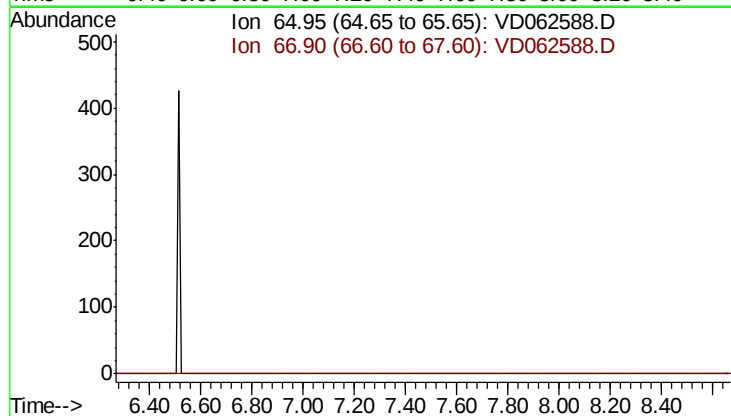
Acq: 3 Jun 2019 16:24

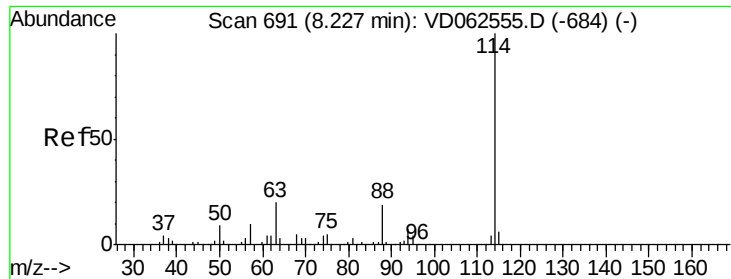
Tgt Ion: 65

Sig Exp Ratio

65 100

67 41.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD062588.D

Acq: 3 Jun 2019 16:24

Instrument :

MSVOA_D

ClientSampleId :

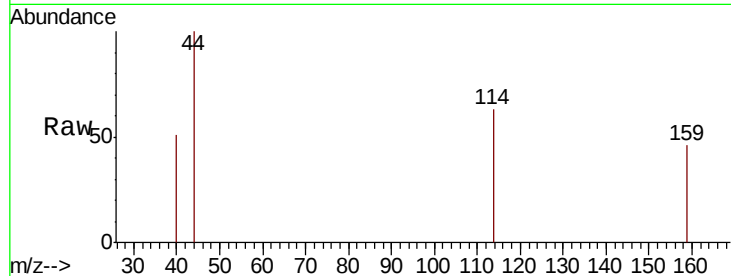
Tot Ion:114 Resp: 259

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.6

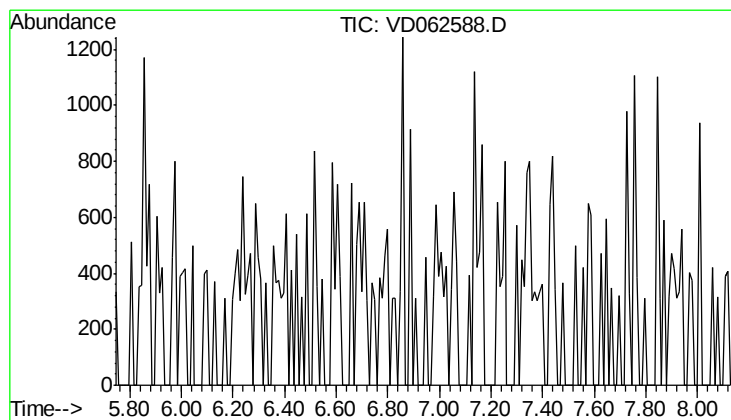
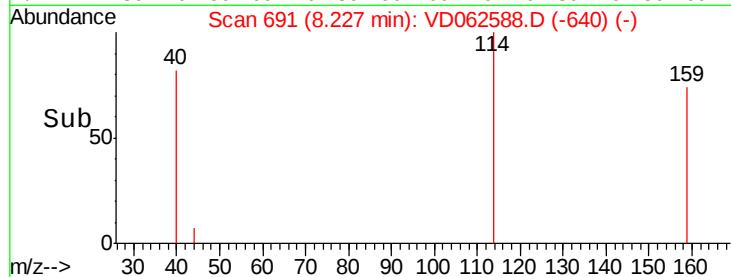
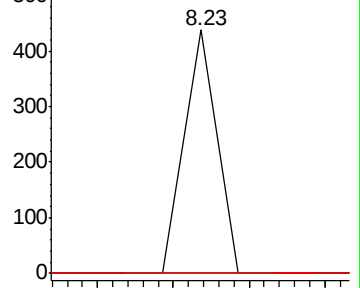
88 0.0 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 6.94 min

Lab File: VD062588.D

Acq: 3 Jun 2019 16:24

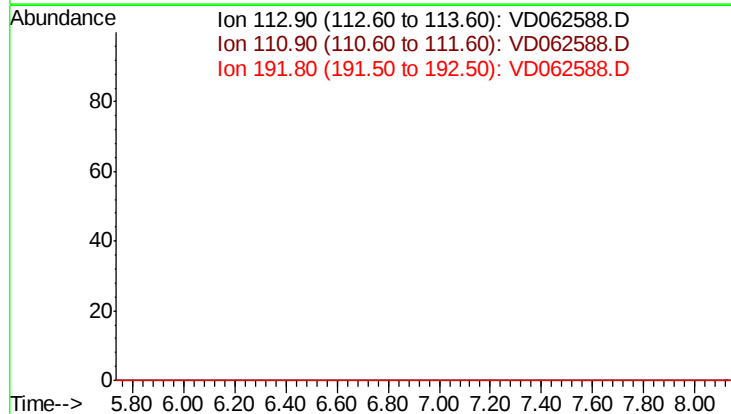
Tgt Ion: 113

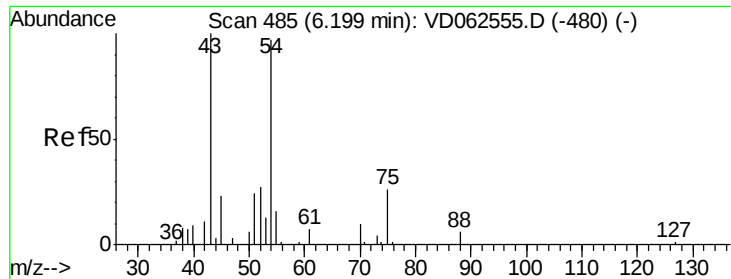
Sig Exp Ratio

113 100

111 98.5

192 18.3

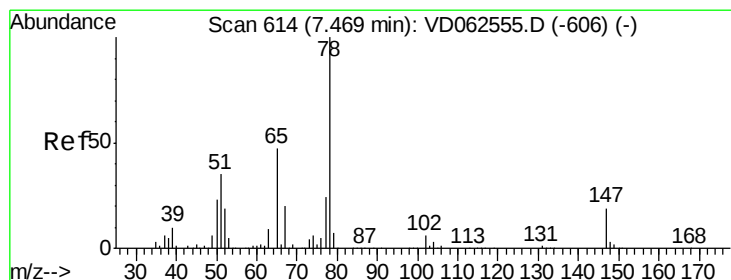
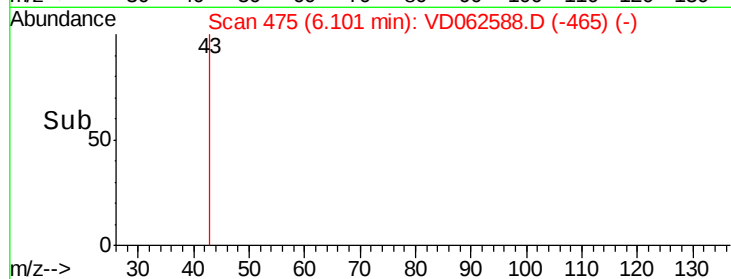
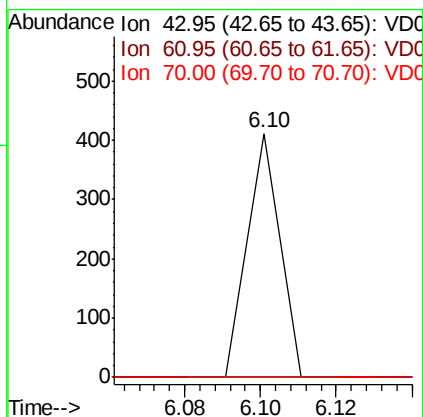
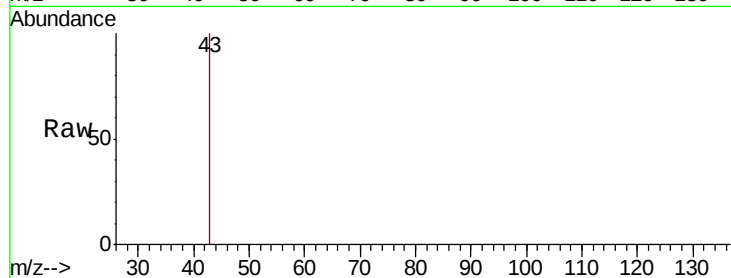




#37
Ethyl Acetate
Concen: 223.558 ug/l
RT: 6.10 min Scan# 475
Delta R.T. -0.10 min
Lab File: VD062588.D
Acq: 3 Jun 2019 16:24

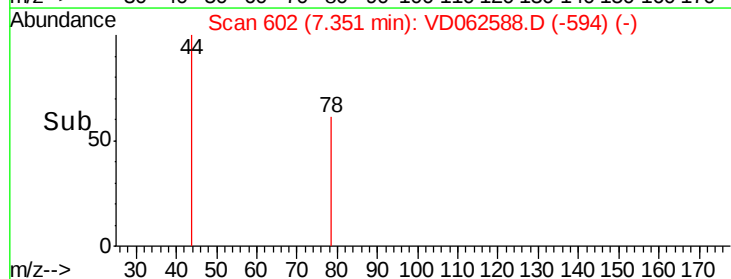
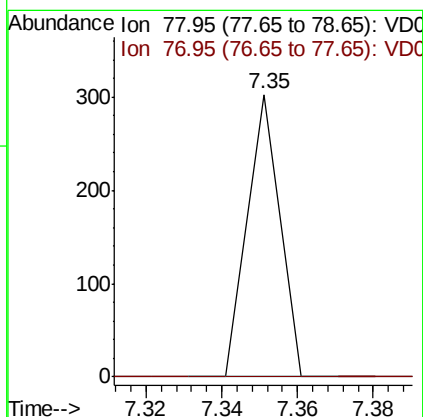
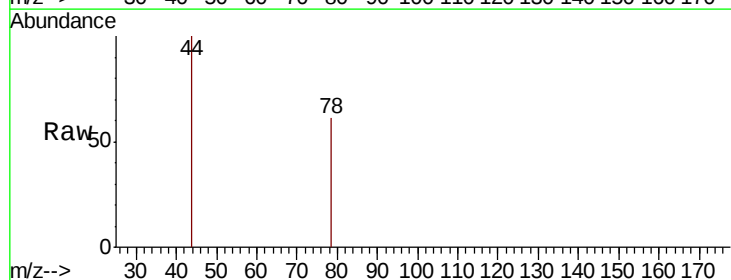
Instrument :
MSVOA_D
ClientSampled :

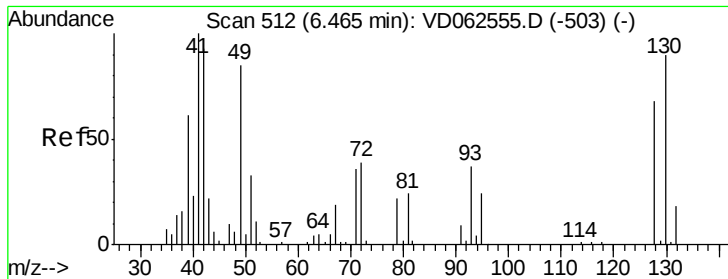
Tot Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.5 9.7#



#40
Benzene
Concen: 35.373 ug/l
RT: 7.35 min Scan# 602
Delta R.T. -0.12 min
Lab File: VD062588.D
Acq: 3 Jun 2019 16:24

Tgt Ion: 78 Resp: 179
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#

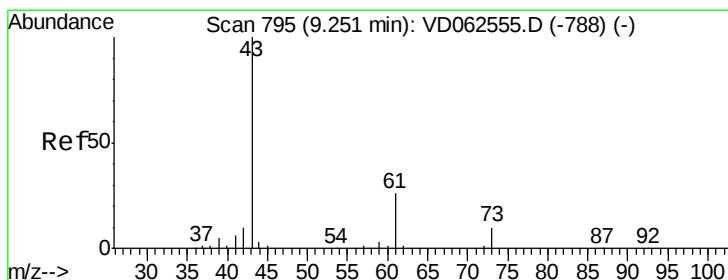
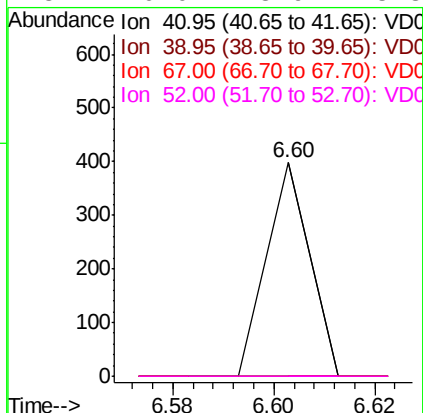
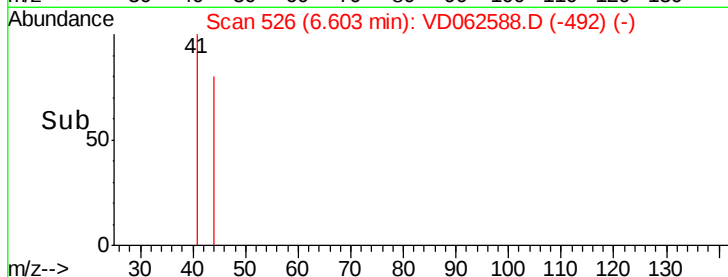
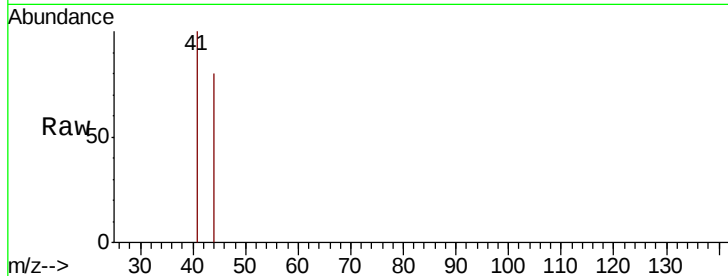




#41
Methacrylonitrile
Concen: 183.721 ug/l
RT: 6.60 min Scan# 526
Delta R.T. 0.14 min
Lab File: VD062588.D
Acq: 3 Jun 2019 16:24

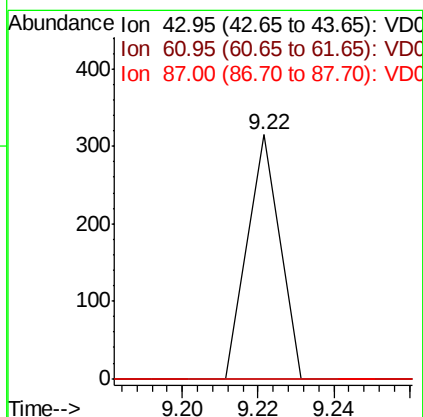
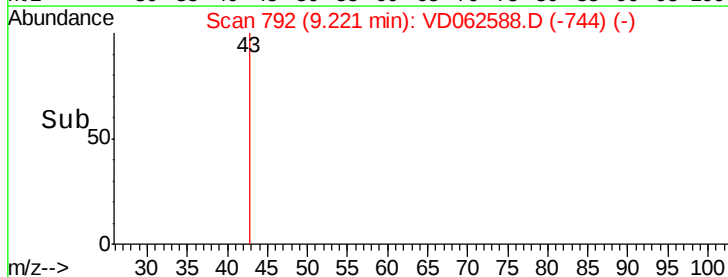
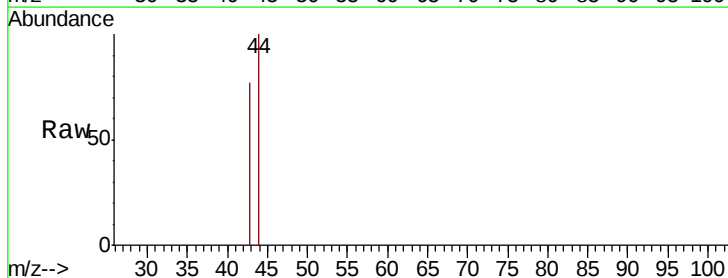
Instrument :
MSVOA_D
ClientSampled :

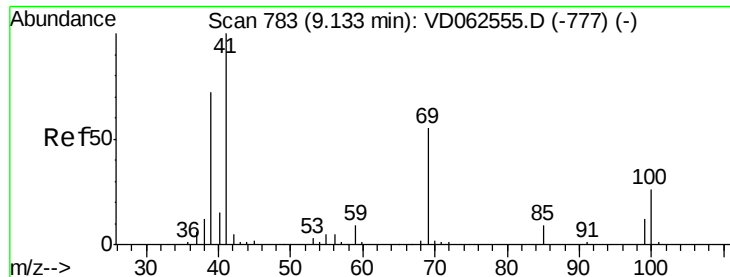
Tot Ion:	41	Resp:	235
Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.0	73.6#
67	0.0	15.5	23.3#
52	0.0	8.9	13.3#



#43
Isopropyl Acetate
Concen: 137.488 ug/l
RT: 9.22 min Scan# 792
Delta R.T. -0.03 min
Lab File: VD062588.D
Acq: 3 Jun 2019 16:24

Tgt Ion:	43	Resp:	186
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.5	30.7#
87	0.0	0.2	0.2#

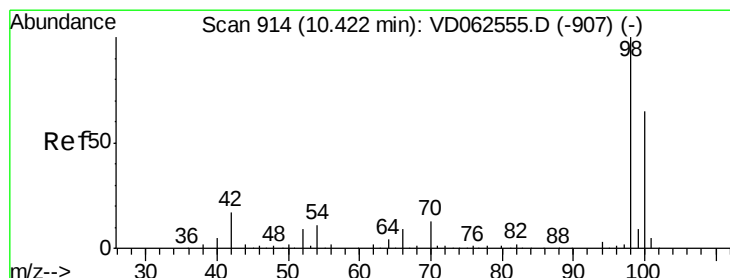
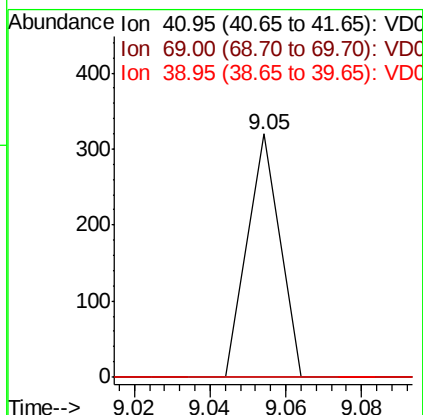
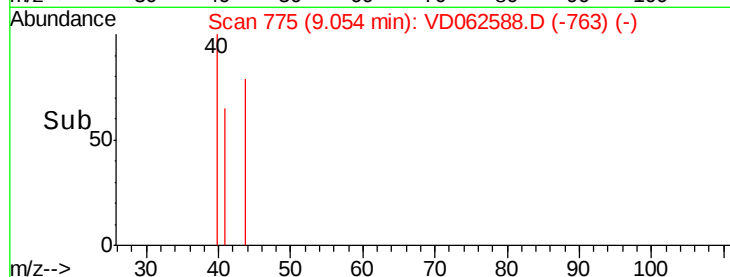
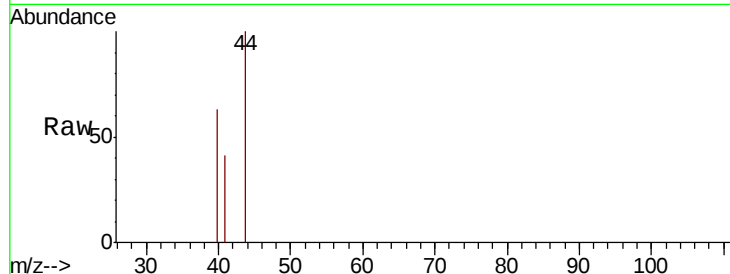




#48
Methvl methacrylate
Concen: 209.756 ug/l
RT: 9.05 min Scan# 775
Delta R.T. -0.08 min
Lab File: VD062588.D
Acq: 3 Jun 2019 16:24

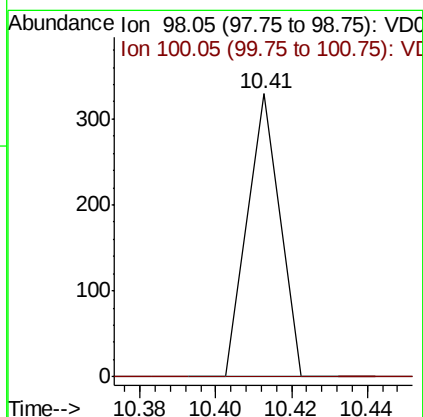
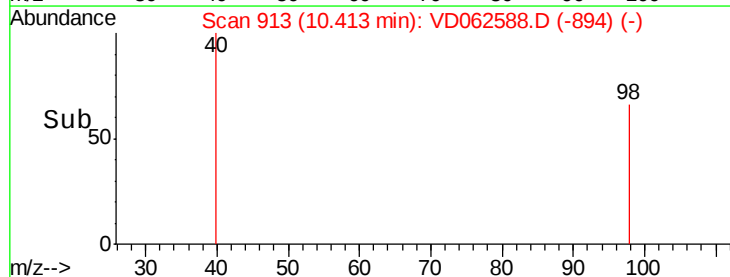
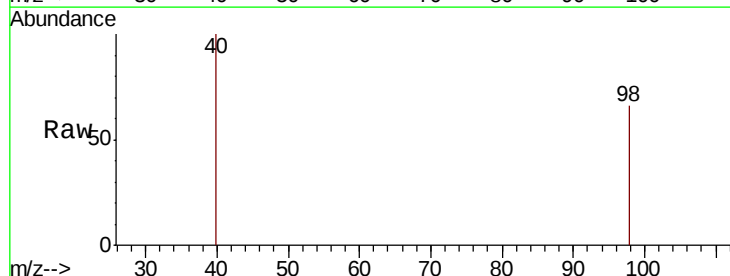
Instrument :
MSVOA_D
ClientSampleId :

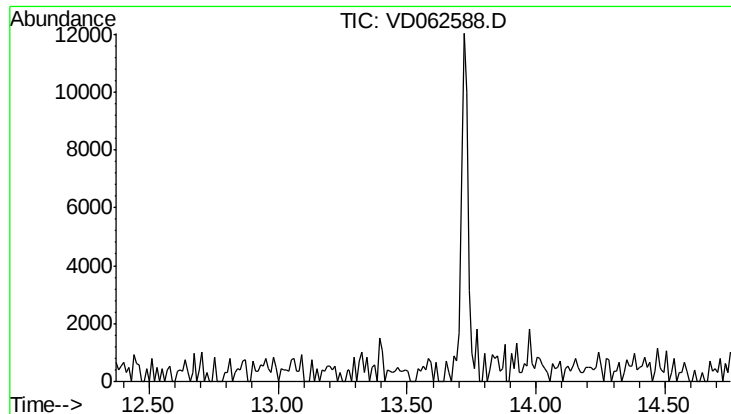
Tot Ion: 41 Resp: 189
Ion Ratio Lower Upper
41 100
69 0.0 43.6 65.4#
39 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 37.516 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062588.D
Acq: 3 Jun 2019 16:24

Tgt Ion: 98 Resp: 194
Ion Ratio Lower Upper
98 100
100 0.0 52.3 78.5#





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 13.56 min

Lab File: VD062588.D

Acq: 3 Jun 2019 16:24

Tot Ion: 95

Sig Exp Ratio

95 100

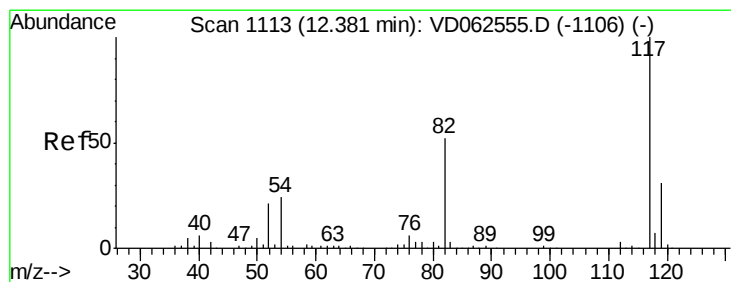
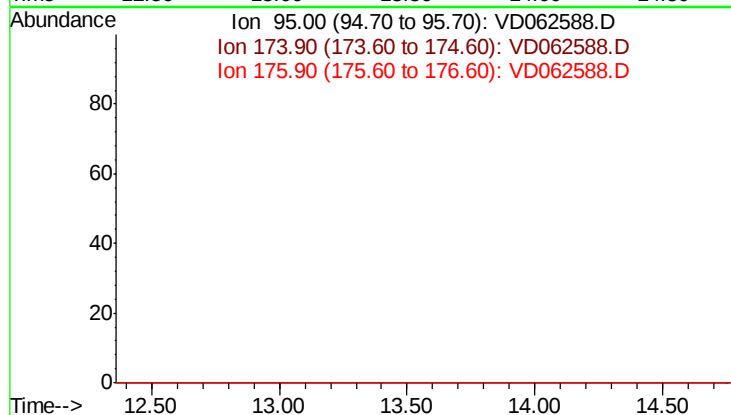
174 80.1

176 74.0

Instrument :

MSVOA_D

ClientSampleId :



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD062588.D

Acq: 3 Jun 2019 16:24

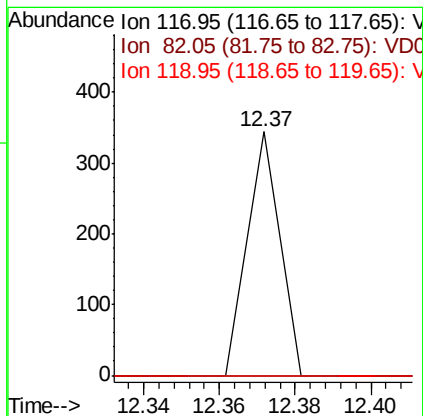
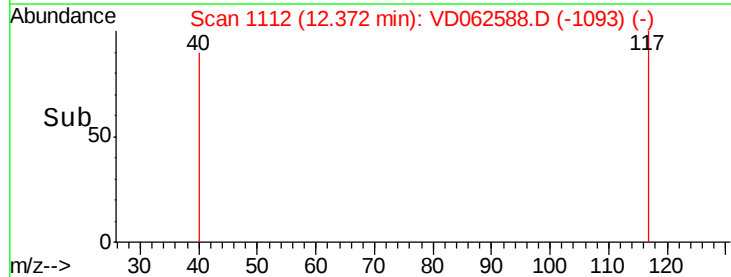
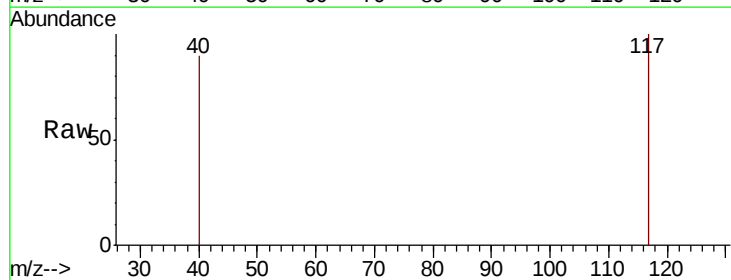
Tgt Ion: 117 Resp: 203

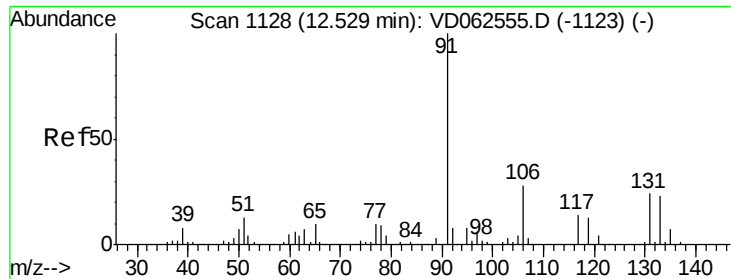
Ion Ratio Lower Upper

117 100

82 0.0 41.4 62.2#

119 0.0 24.9 37.3#

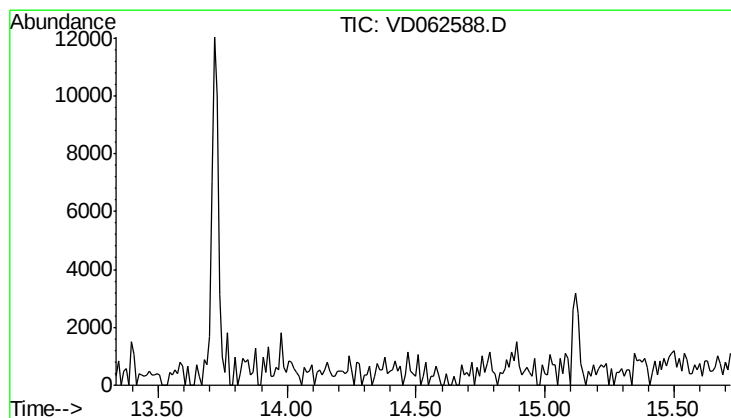
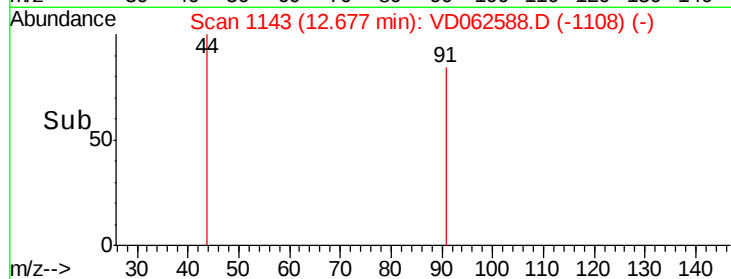
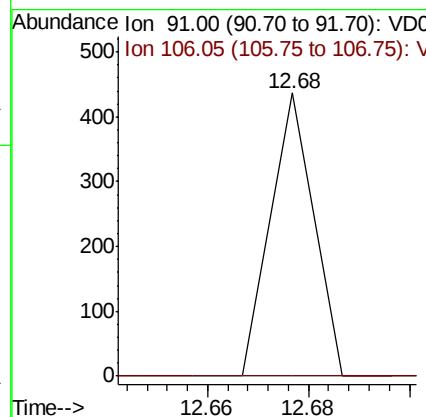
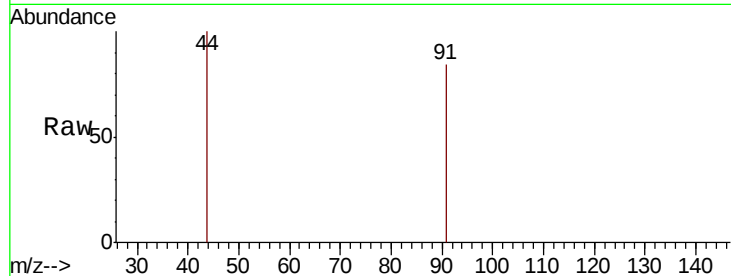




#67
 Ethvl Benzene
 Concen: 35.608 ug/l
 RT: 12.68 min Scan# 1143
 Delta R.T. 0.15 min
 Lab File: VD062588.D
 Acq: 3 Jun 2019 16:24

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 91 Resp: 258
 Ion Ratio Lower Upper
 91 100
 106 0.0 22.2 33.2#



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 14.53 min

Lab File: VD062588.D
 Acq: 3 Jun 2019 16:24

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 56.9
 150 155.2

