

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060051.D
 Acq On : 23 Aug 2018 14:18
 Operator : VA/AP
 Sample : J4573-07RE
 Misc : 4.46g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Aug 23 15:22:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

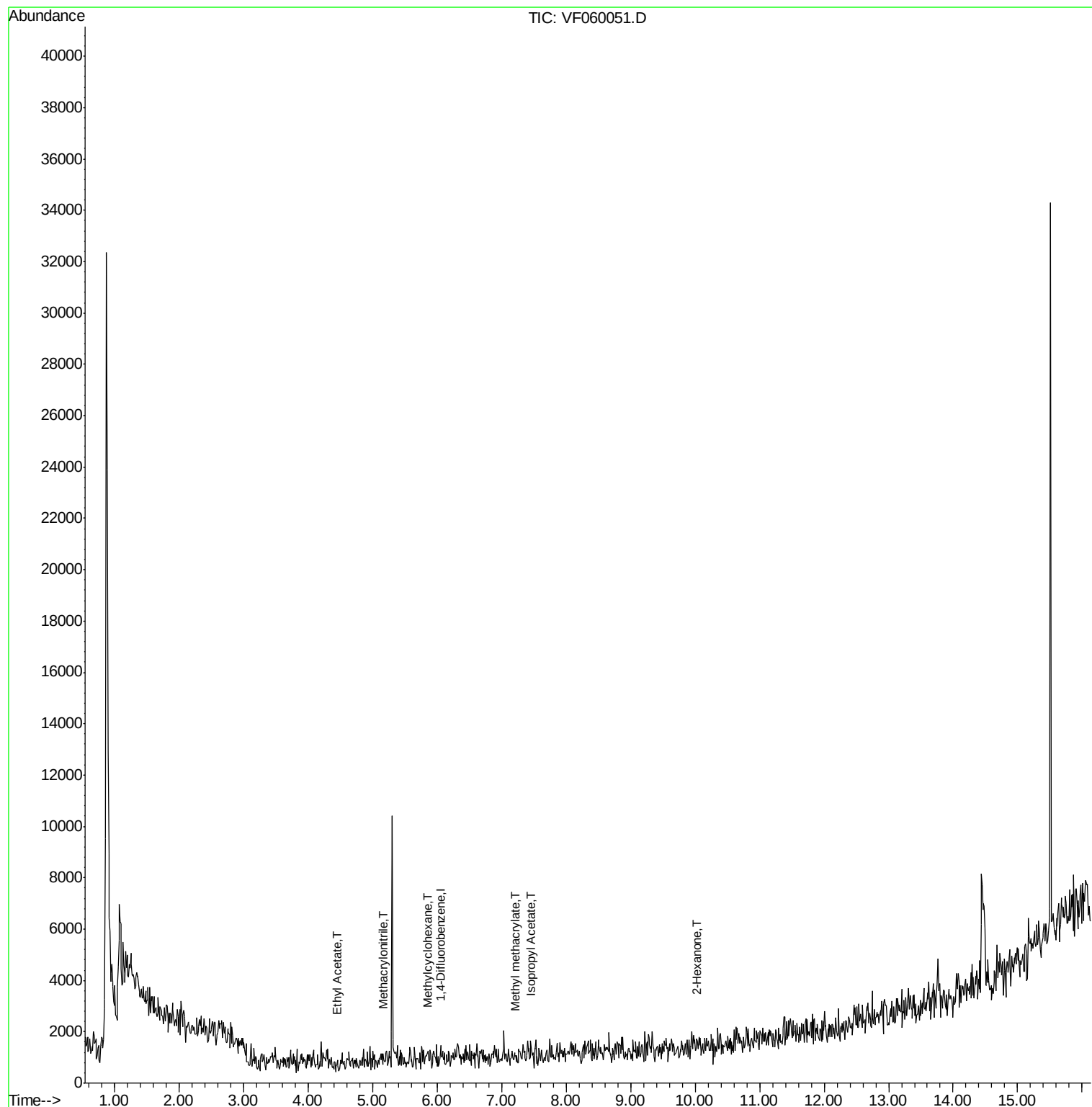
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.05
34) 1,4-Difluorobenzene	6.05	114	74	50.00	ug/l	0.27
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
						Qvalue
37) Ethyl Acetate	4.46	43	94	226.019	ug/l #	1
39) Methylcyclohexane	5.85	83	74	113.490	ug/l #	18
41) Methacrylonitrile	5.17	41	69	328.008	ug/l #	23
43) Isopropyl Acetate	7.46	43	67	127.997	ug/l #	45
48) Methyl methacrylate	7.22	41	75	216.526	ug/l #	15
59) 2-Hexanone	10.03	43	85	232.334	ug/l #	30

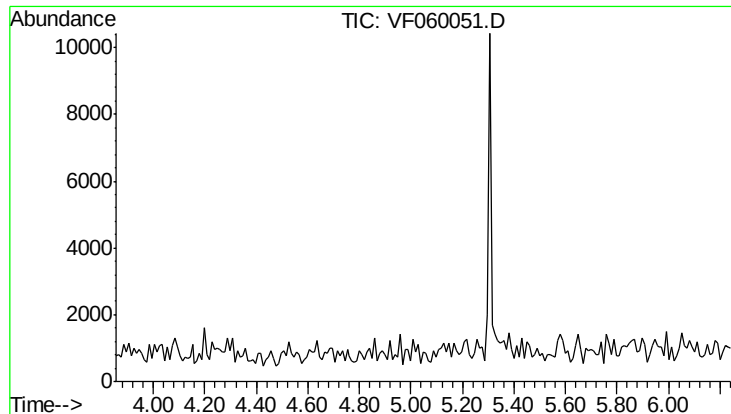
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.05 min

Lab File: VF060051.D

Acq: 23 Aug 2018 14:18

Tot Ion: 168

Sig Exp Ratio

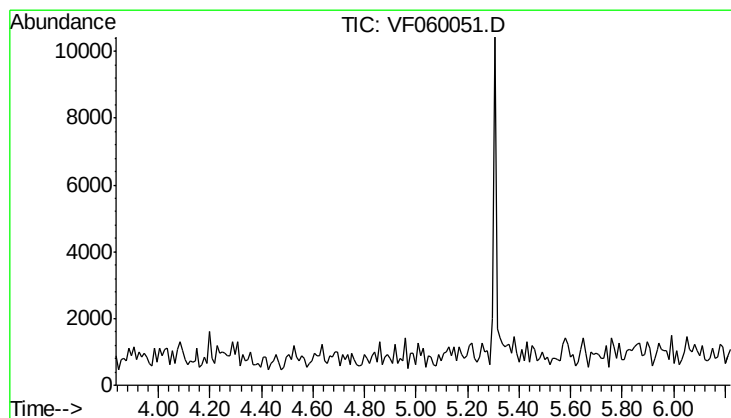
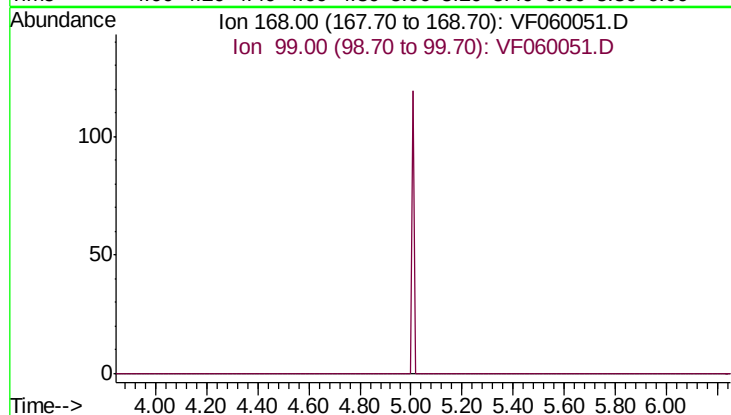
168 100

99 65.8

Instrument :

MSVOA_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.03 min

Lab File: VF060051.D

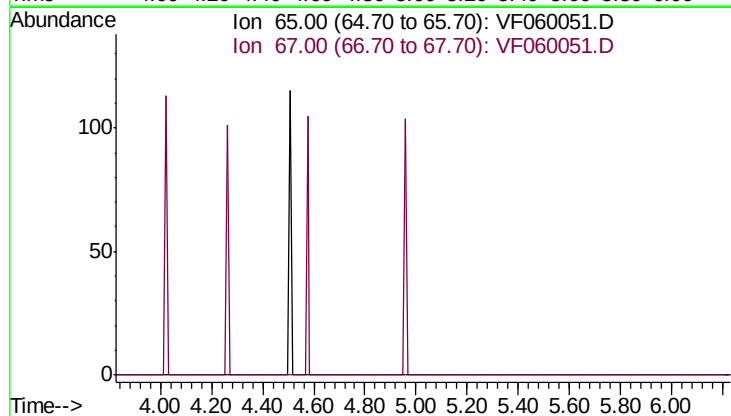
Acq: 23 Aug 2018 14:18

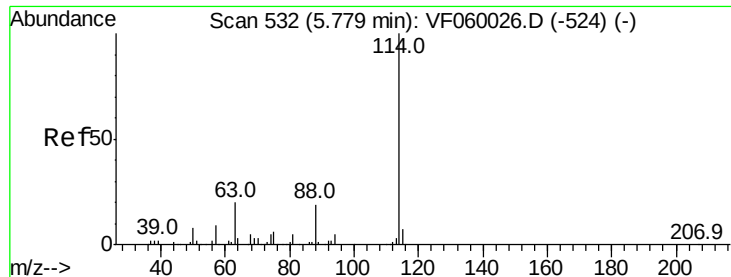
Tgt Ion: 65

Sig Exp Ratio

65 100

67 46.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.05 min Scan# 560

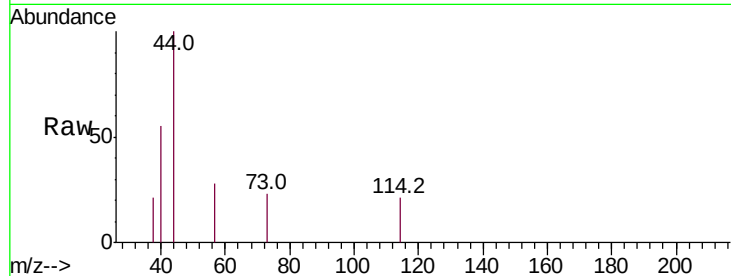
Delta R.T. 0.27 min

Lab File: VF060051.D

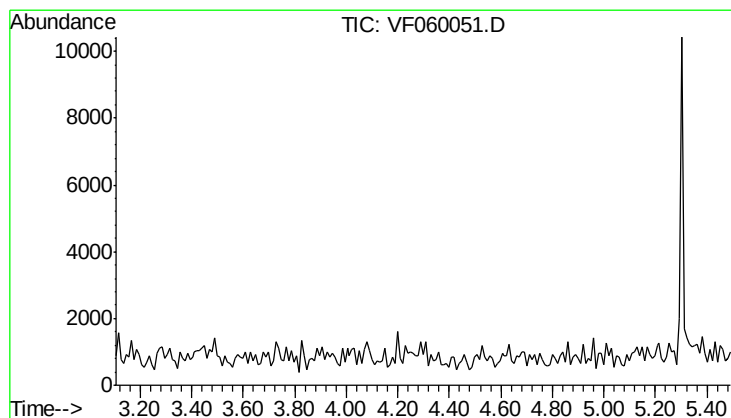
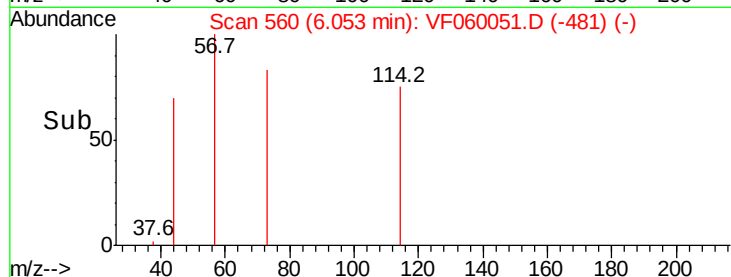
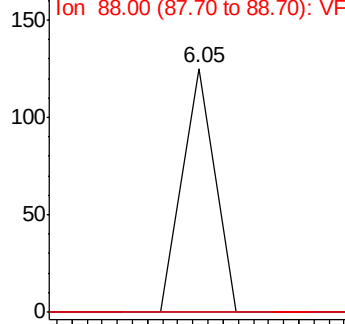
Acq: 23 Aug 2018 14:18

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	114	Resp:	74
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	40.4
88	0.0	0.0	38.6



Abundance Ion 114.00 (113.70 to 114.70): VF060051.D



#35

Dibromofluoromethane

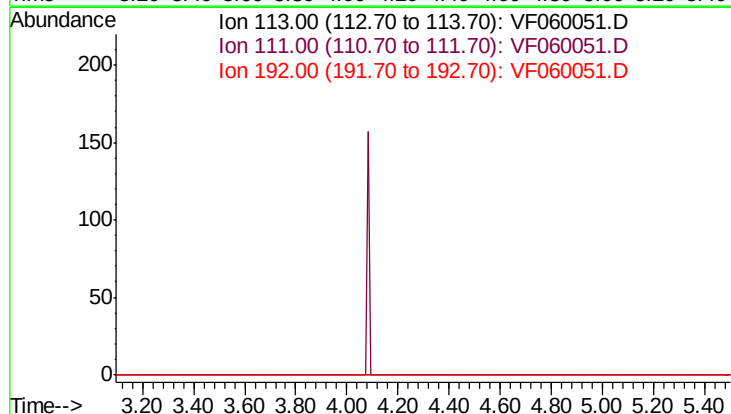
Concen: 0.000 ug/l

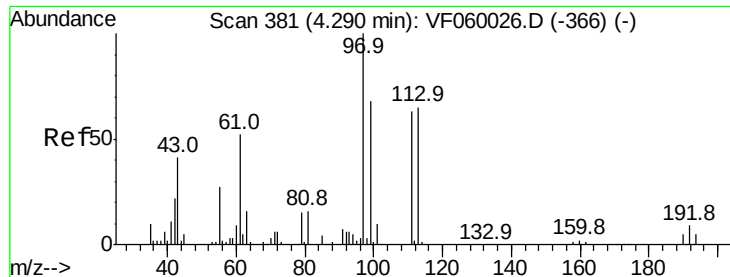
Expected RT: 4.30 min

Lab File: VF060051.D

Acq: 23 Aug 2018 14:18

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	103.4
192	16.2





#37

Ethyl Acetate

Concen: 226.019 ug/l

RT: 4.46 min Scan# 398

Delta R.T. 0.17 min

Lab File: VF060051.D

Acq: 23 Aug 2018 14:18

Instrument :

MSVOA_F

ClientSampleId :

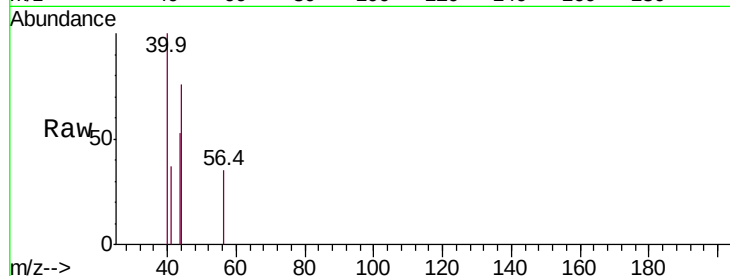
Tot Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

61 0.0 101.5 152.3#

70 0.0 6.4 9.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

4.46

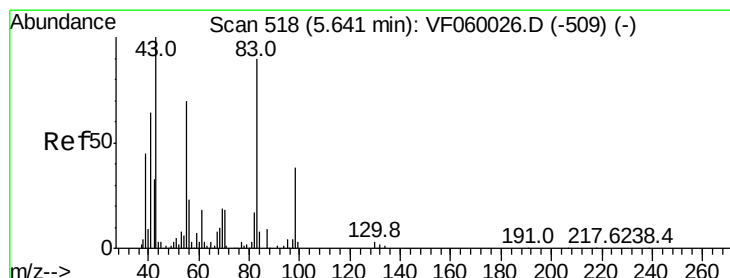
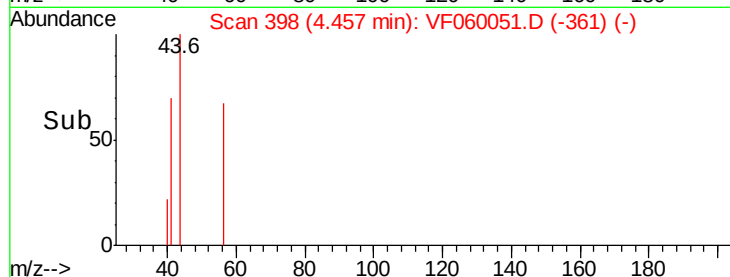
150

100

50

0

Time--> 4.42 4.44 4.46 4.48



#39

Methylcyclohexane

Concen: 113.490 ug/l

RT: 5.85 min Scan# 539

Delta R.T. 0.21 min

Lab File: VF060051.D

Acq: 23 Aug 2018 14:18

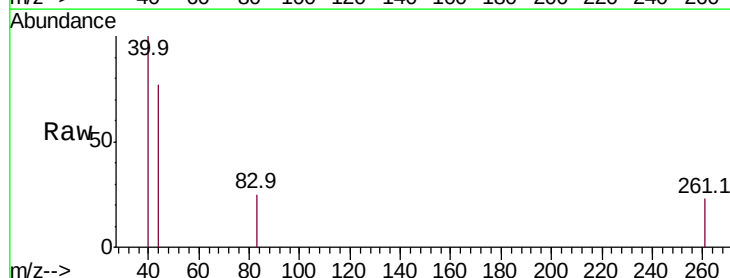
Tgt Ion: 83 Resp: 74

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 33.8 50.8#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

5.85

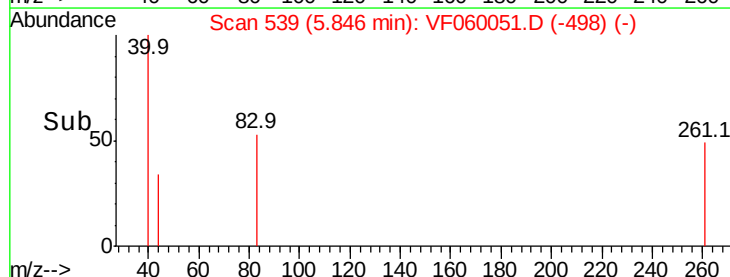
150

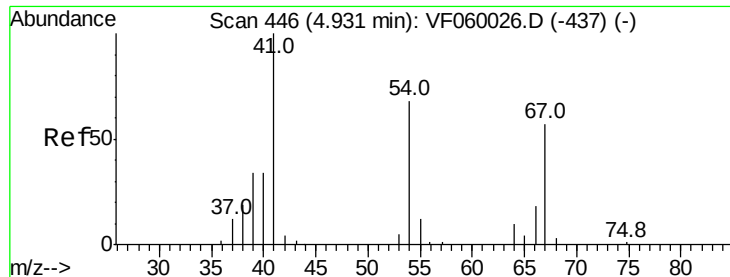
100

50

0

Time--> 5.82 5.84 5.86 5.88

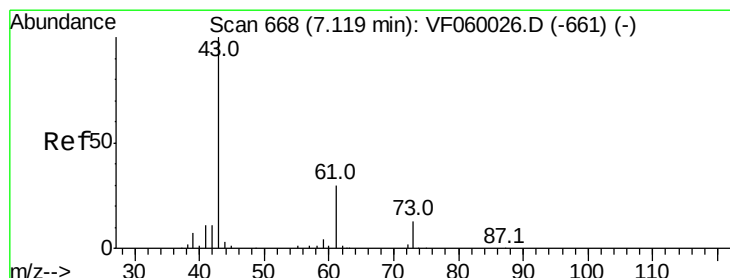
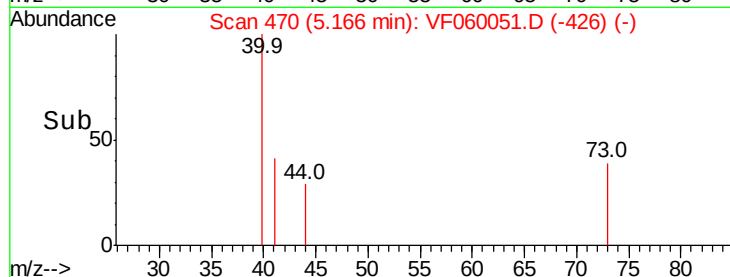
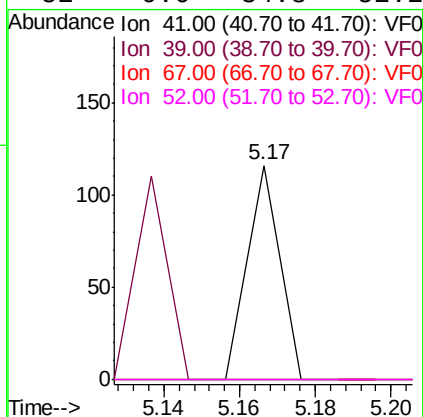
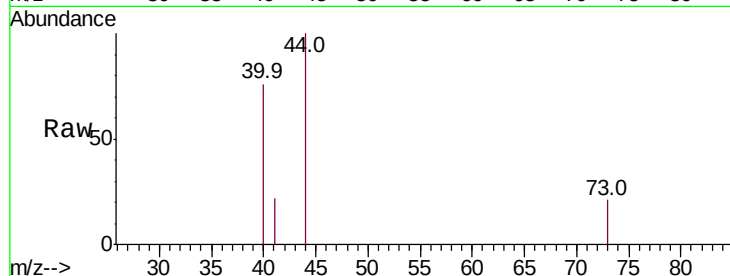




#41
Methacrylonitrile
Concen: 328.008 ug/l
RT: 5.17 min Scan# 470
Delta R.T. 0.24 min
Lab File: VF060051.D
Acq: 23 Aug 2018 14:18

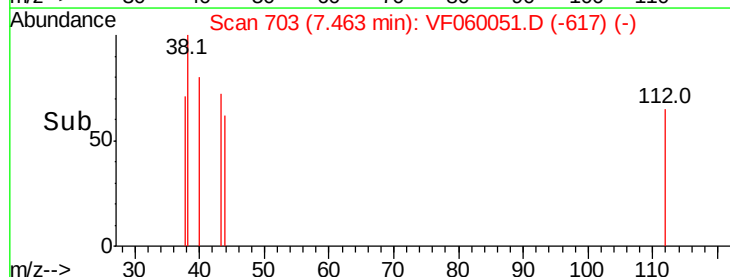
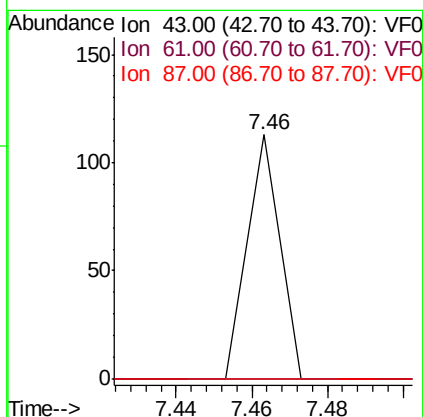
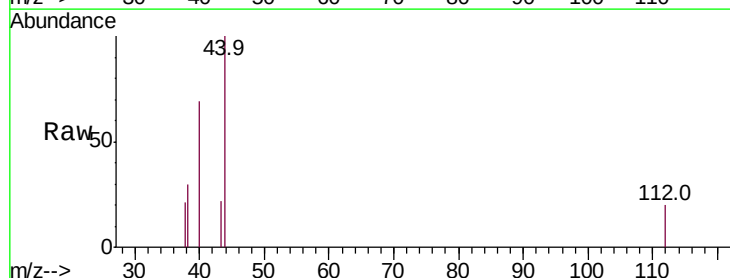
Instrument :
MSVOA_F
ClientSampleId :

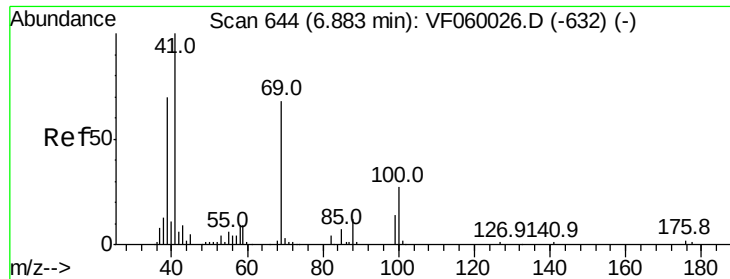
Tot Ion:	41	Resp:	69
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.9	79.3#
67	0.0	45.3	67.9#
52	0.0	34.8	52.2#



#43
Isopropyl Acetate
Concen: 127.997 ug/l
RT: 7.46 min Scan# 703
Delta R.T. 0.34 min
Lab File: VF060051.D
Acq: 23 Aug 2018 14:18

Tgt Ion:	43	Resp:	67
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.6#
87	0.0	0.2	0.4#

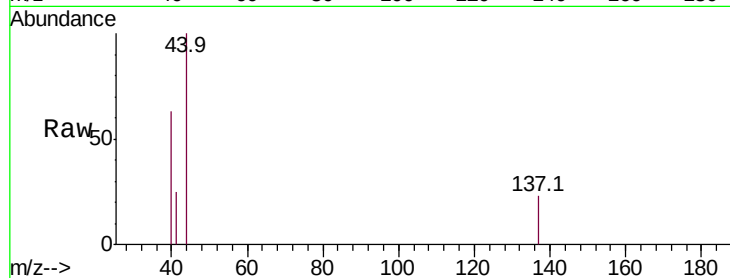




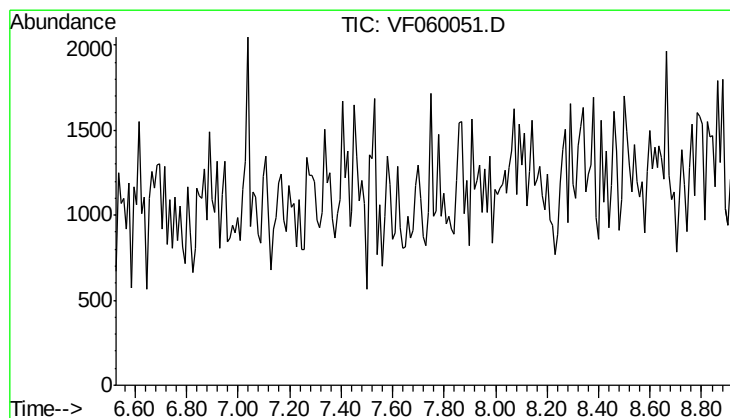
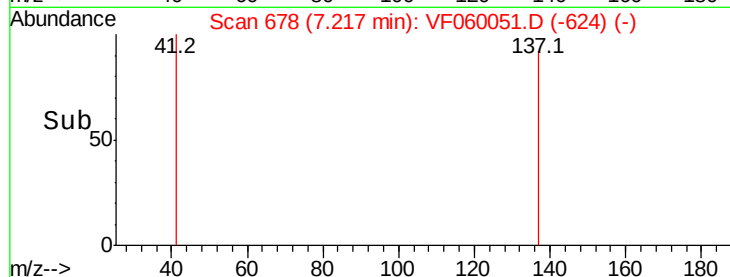
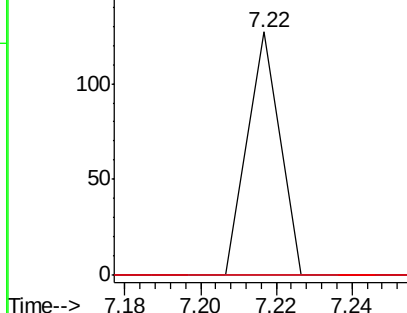
#48
Methyl methacrylate
Concen: 216.526 ug/l
RT: 7.22 min Scan# 678
Delta R.T. 0.33 min
Lab File: VF060051.D
Acq: 23 Aug 2018 14:18

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
69	0.0	54.6	81.8#	
39	0.0	56.5	84.7#	



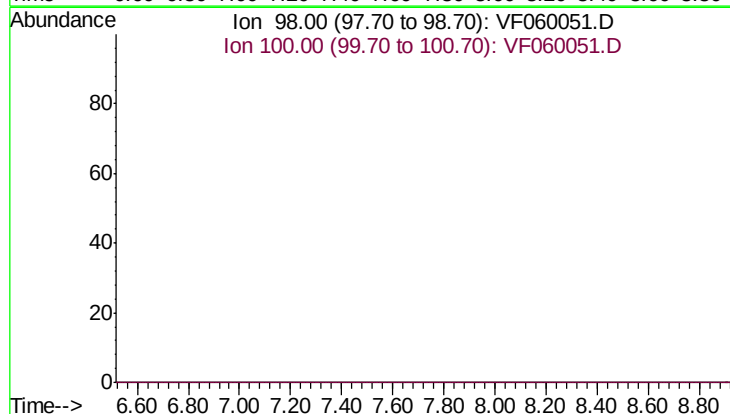
Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

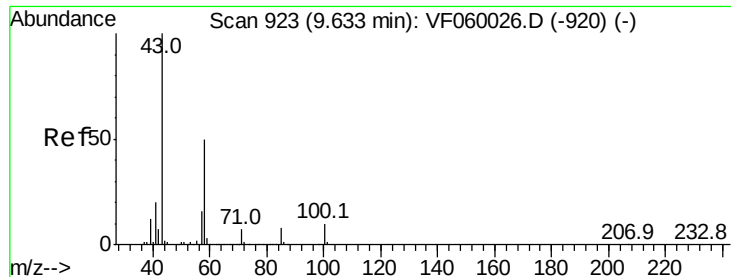


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.72 min

Lab File: VF060051.D
Acq: 23 Aug 2018 14:18

Tgt Ion	Sig	Exp Ratio
98	100	
100	66.5	

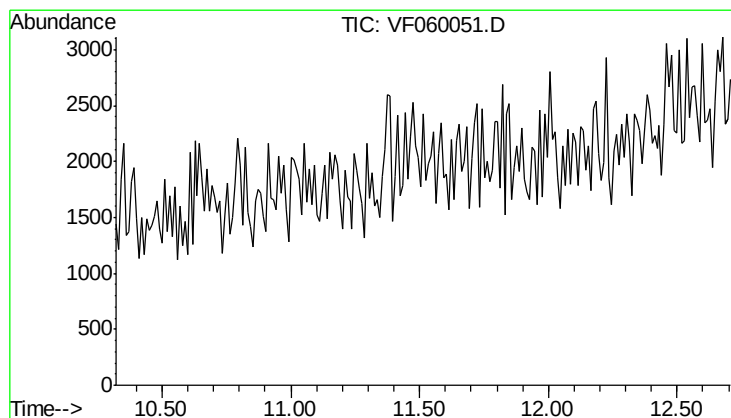
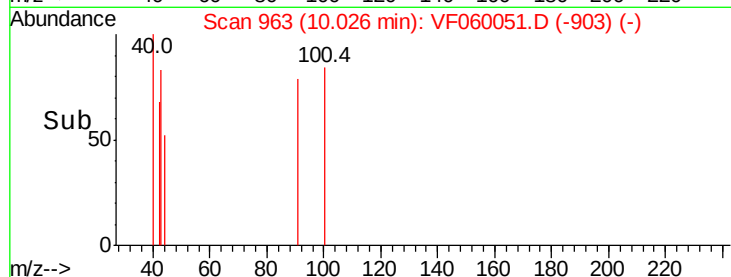
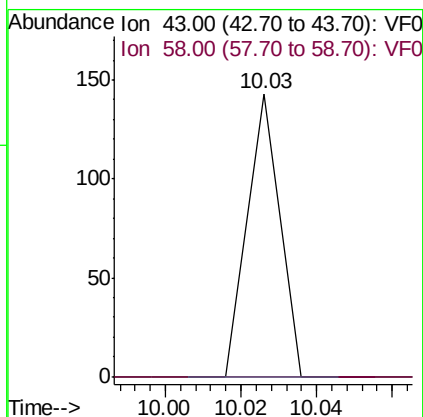
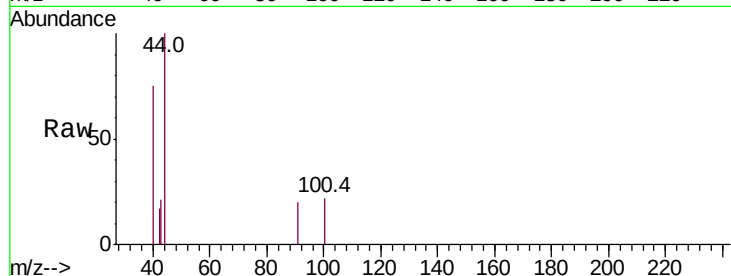




#59
2-Hexanone
Concen: 232.334 ug/l
RT: 10.03 min Scan# 963
Delta R.T. 0.39 min
Lab File: VF060051.D
Acq: 23 Aug 2018 14:18

Instrument :
MSVOA_F
ClientSampleId :

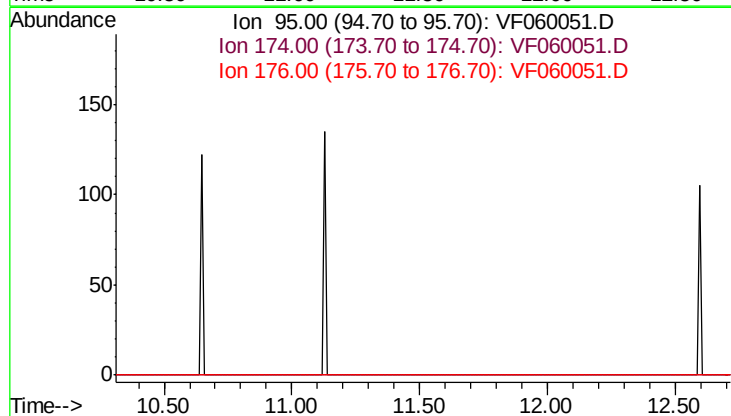
Tot Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 23.4 70.2#

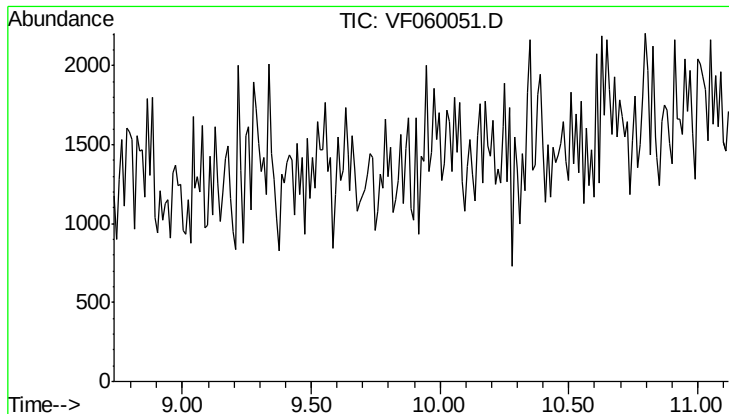


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.52 min

Lab File: VF060051.D
Acq: 23 Aug 2018 14:18

Tgt Ion: 95
Sig Exp Ratio
95 100
174 79.2
176 76.5

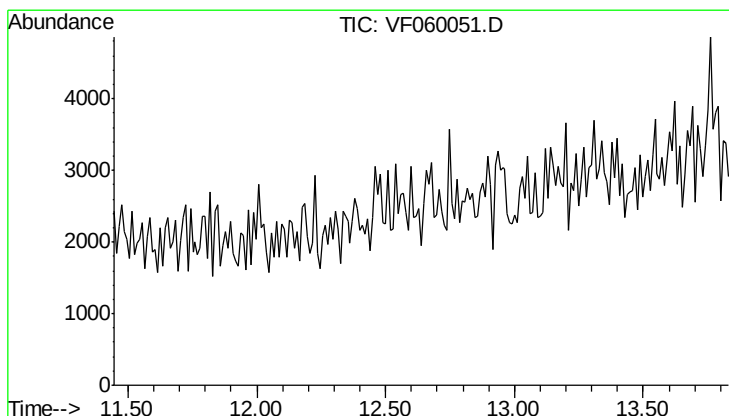
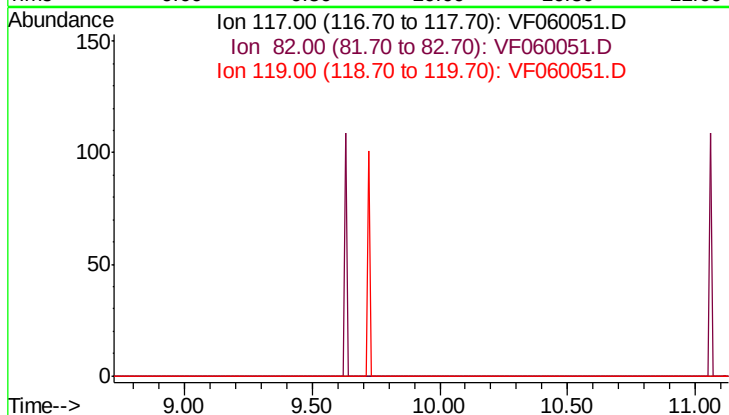




#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.93 min
 Lab File: VF060051.D
 Acq: 23 Aug 2018 14:18

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	117
Sig	Exp Ratio
117	100
82	54.5
119	32.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.64 min
 Lab File: VF060051.D
 Acq: 23 Aug 2018 14:18

Tgt Ion	152
Sig	Exp Ratio
152	100
115	57.3
150	156.0

