

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060077.D
 Acq On : 24 Aug 2018 4:10
 Operator : VA/AP
 Sample : J4606-02
 Misc : 8.90g/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Aug 24 08:47:32 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	5.04	168	1593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	1263	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	625	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	60	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	141	6.47	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	12.94%	
35) Dibromofluoromethane	4.31	113	315	31.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.52%	
50) Toluene-d8	7.71	98	1466	52.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
3) Chloromethane	1.08	50	136	6.79	ug/l #	40
6) Chloroethane	1.40	64	463	90.20	ug/l #	45
7) Trichlorofluoromethane	1.46	101	62	2.37	ug/l #	17
10) Methyl Iodide	1.96	142	64	3.52	ug/l #	26
13) Acrolein	2.04	56	64	107.13	ug/l #	80
14) Allyl chloride	2.21	41	144	8.01	ug/l #	1
15) Acrylonitrile	3.09	53	59	25.78	ug/l #	11
16) Acetone	2.30	43	63	10.99	ug/l #	63
18) Methyl Acetate	2.40	43	86	5.10	ug/l #	60
23) Vinyl Acetate	3.31	43	139	6.52	ug/l #	80
25) 2-Butanone	4.53	43	104	13.97	ug/l #	58
26) 2,2-Dichloropropane	3.68	77	59	2.29	ug/l #	57
28) Bromochloromethane	3.86	49	88	8.38	ug/l #	4
29) Tetrahydrofuran	4.30	42	64	22.77	ug/l #	37
31) Cyclohexane	3.85	56	71	3.75	ug/l #	14
37) Ethyl Acetate	4.22	43	71	10.00	ug/l #	1
40) Benzene	4.67	78	122	4.71	ug/l #	51
41) Methacrylonitrile	4.83	41	67	18.66	ug/l #	23
43) Isopropyl Acetate	7.12	43	63	7.05	ug/l #	45
45) 1,2-Dichloropropane	6.44	63	73	9.95	ug/l #	45
48) Methyl methacrylate	6.87	41	137	23.17	ug/l #	15
51) 4-Methyl-2-Pentanone	8.26	43	77	9.98	ug/l #	39
57) 1,3-Dichloropropane	8.90	76	63	5.12	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.66	63	182	270.77	ug/l	100
60) Dibromochloromethane	8.69	129	67	6.49	ug/l #	11
65) Chlorobenzene	9.83	112	62	5.25	ug/l #	42
67) Ethyl Benzene	9.90	91	67	3.29	ug/l #	45
74) N-amyl acetate	11.43	43	72	64.14	ug/l #	49
76) 1,2,3-Trichloropropane	11.83	75	70	114.44	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.83	75	70	250.12	ug/l #	15
84) 1,2,4-Trimethylbenzene	12.31	105	60	17.94	ug/l #	30
85) sec-Butylbenzene	12.31	105	60	14.04	ug/l #	58

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

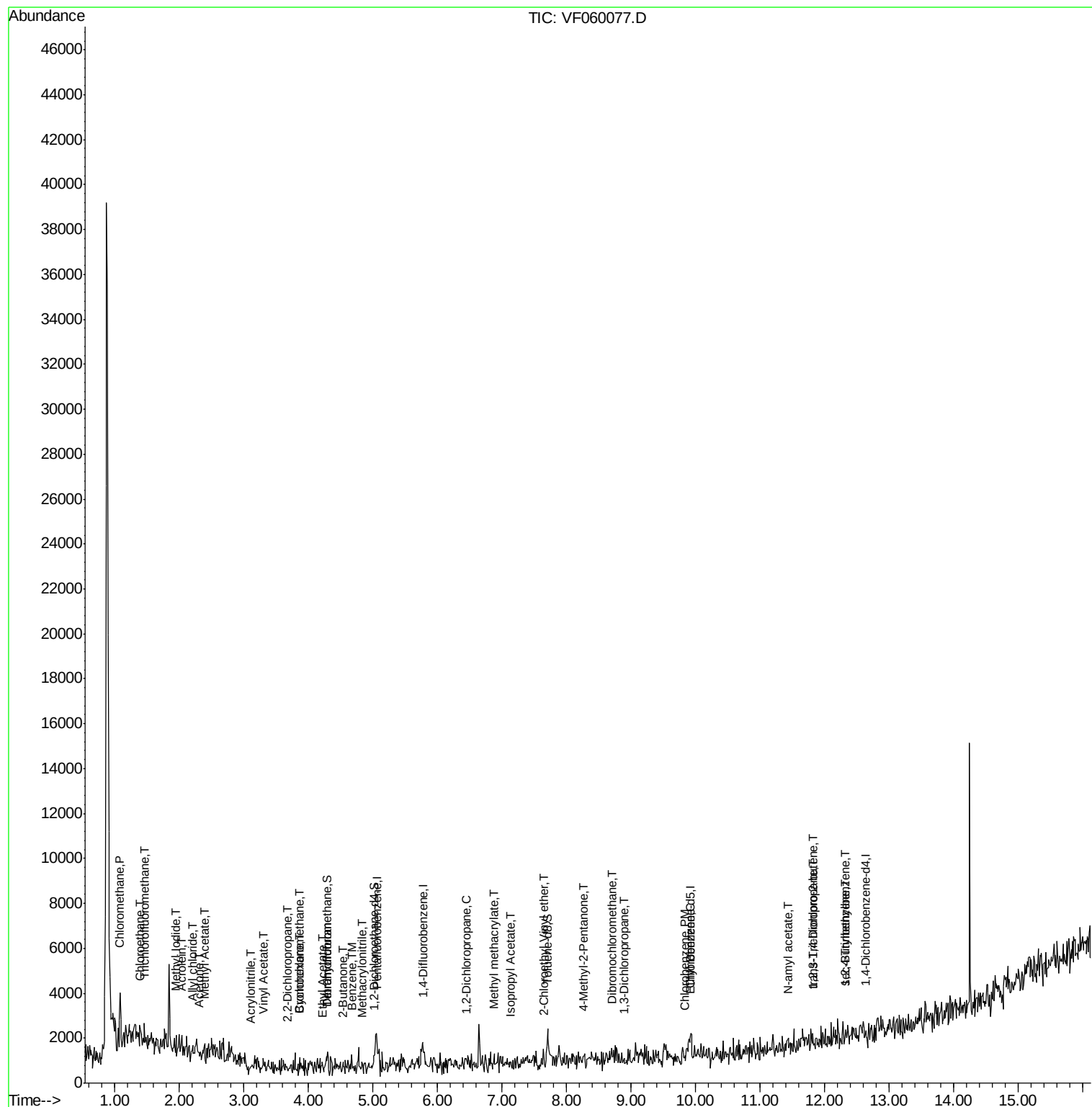
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

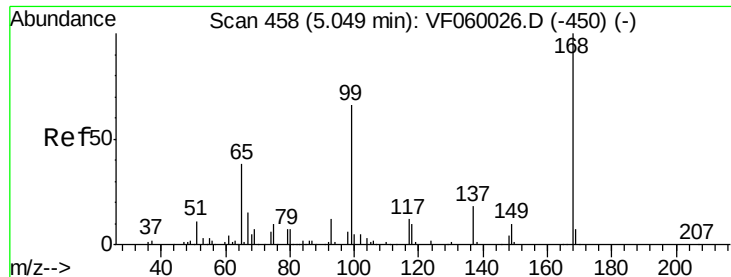
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

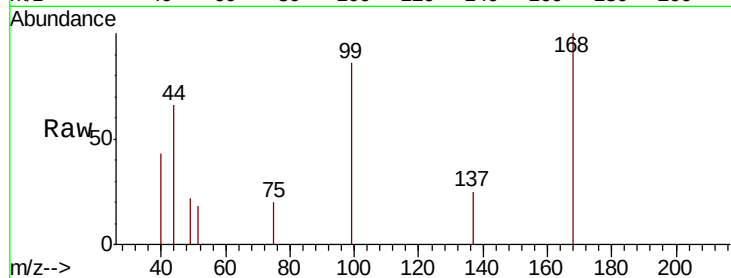
ClientSampleId :

Tot Ion:168 Resp: 1593

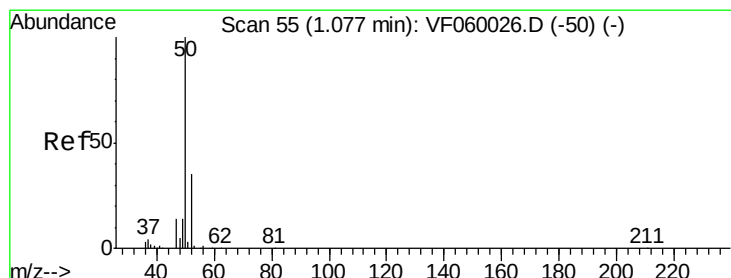
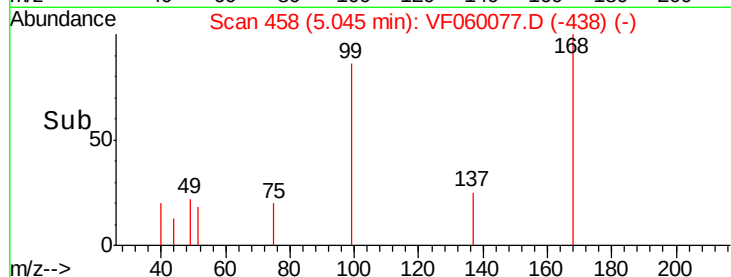
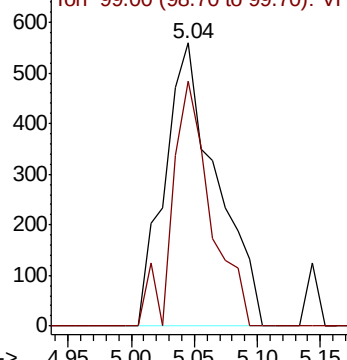
Ion Ratio Lower Upper

168 100

99 86.4 52.6 79.0#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 6.79 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060077.D

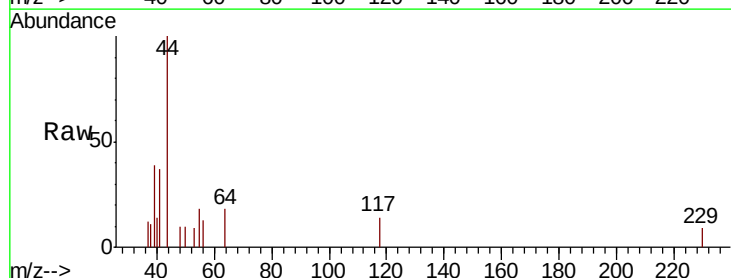
Acq: 24 Aug 2018 4:10

Tgt Ion: 50 Resp: 136

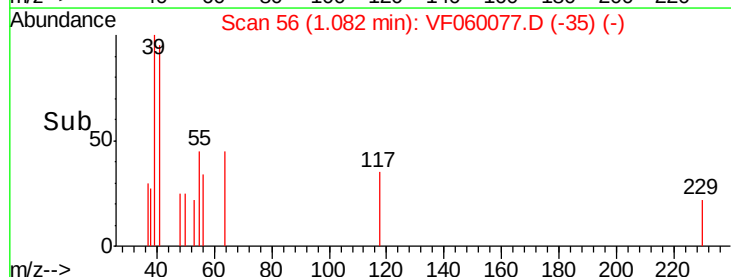
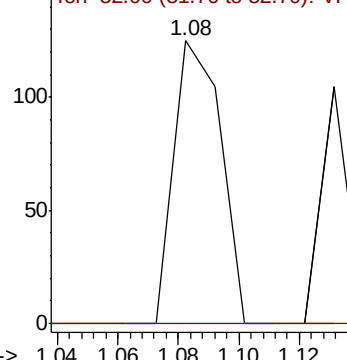
Ion Ratio Lower Upper

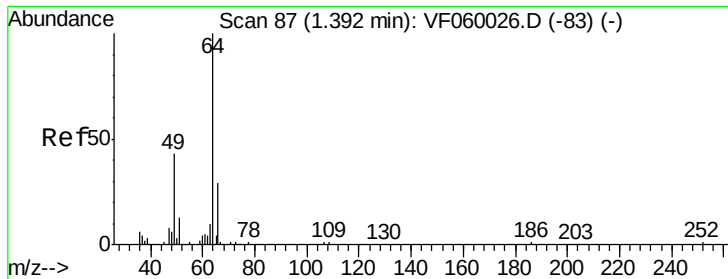
50 100

52 0.0 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#6

Chloroethane

Concen: 90.20 ug/l

RT: 1.40 min Scan# 88

Delta R.T. 0.01 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

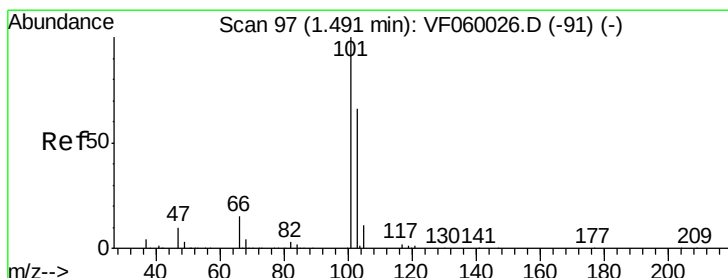
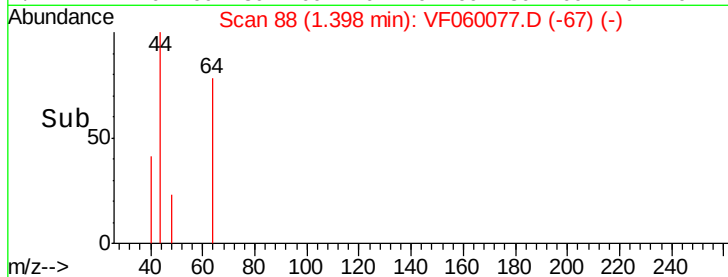
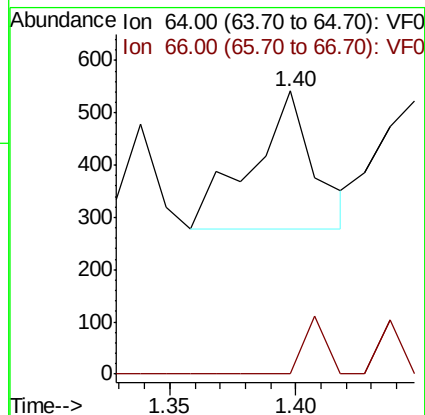
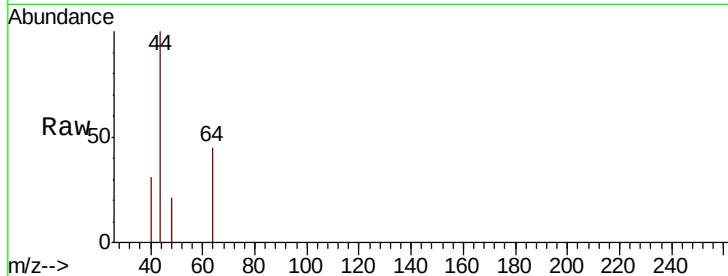
ClientSampled :

Tot Ion: 64 Resp: 463

Ion Ratio Lower Upper

64 100

66 0.0 24.1 36.1#



#7

Trichlorofluoromethane

Concen: 2.37 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.03 min

Lab File: VF060077.D

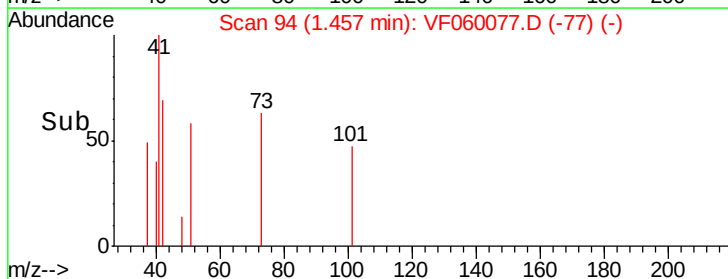
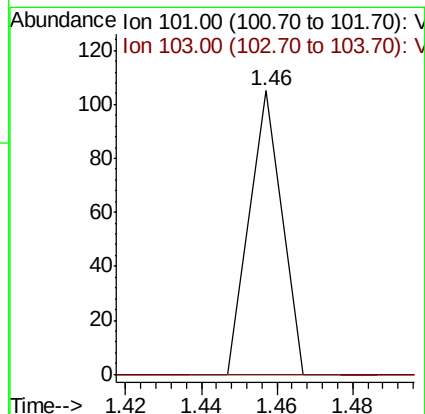
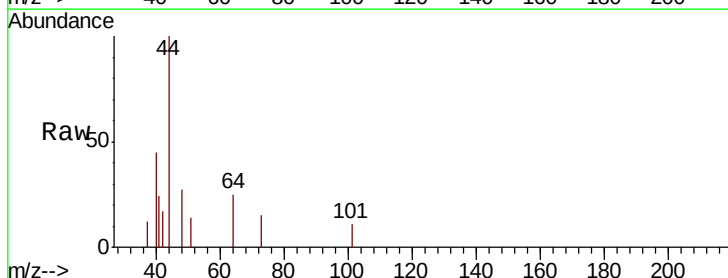
Acq: 24 Aug 2018 4:10

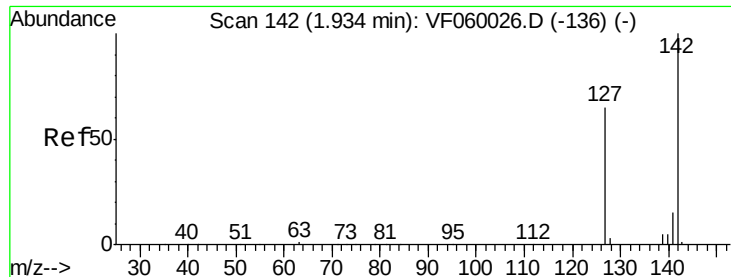
Tgt Ion: 101 Resp: 62

Ion Ratio Lower Upper

101 100

103 0.0 52.5 78.7#

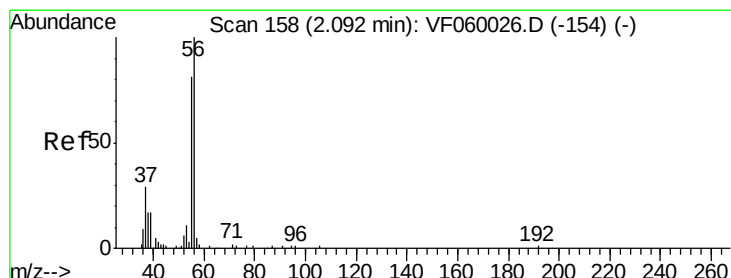
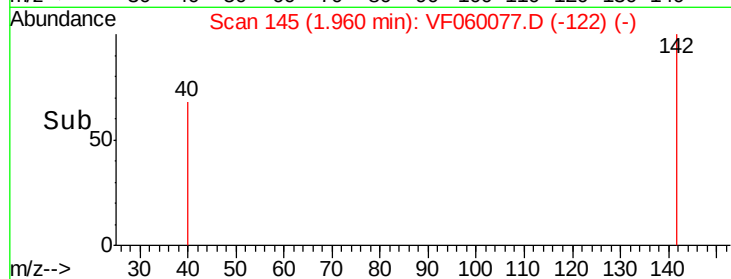
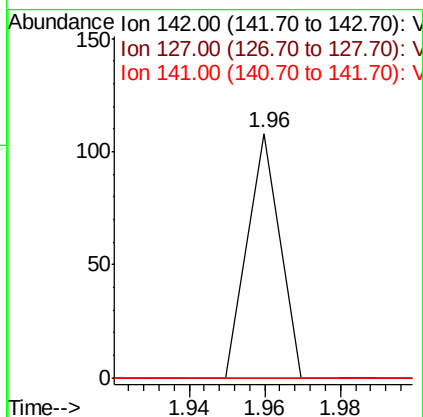
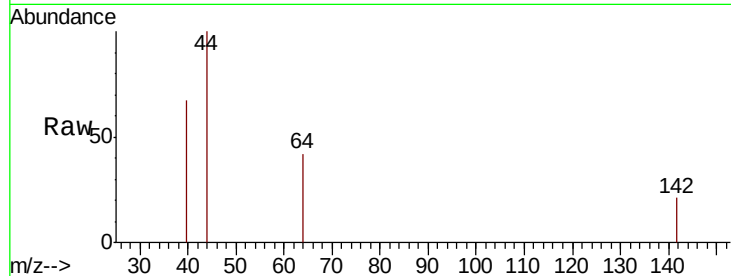




#10
Methyl Iodide
Concen: 3.52 ug/l
RT: 1.96 min Scan# 145
Delta R.T. 0.03 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

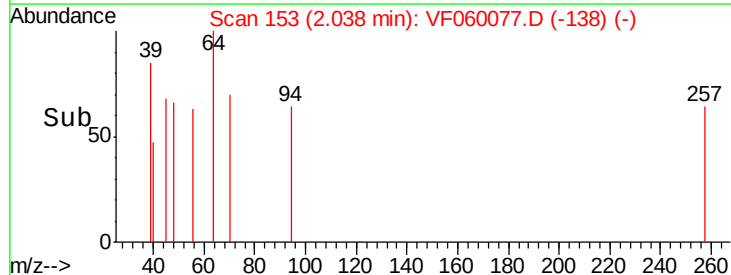
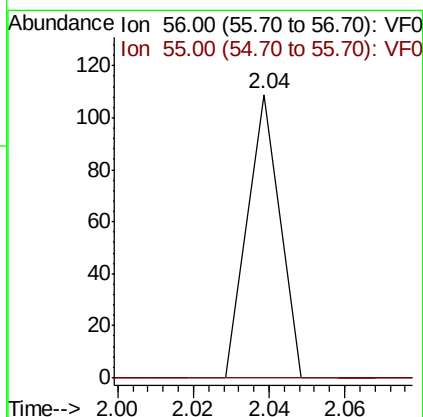
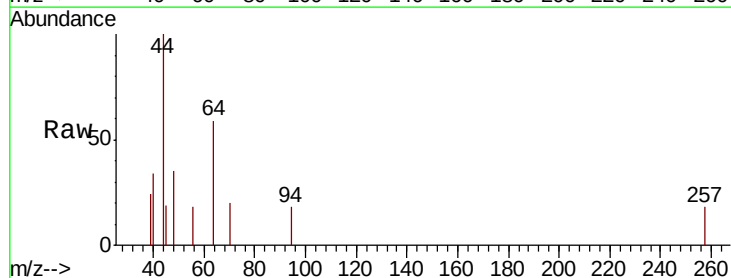
Instrument :
MSVOA_F
ClientSampled :

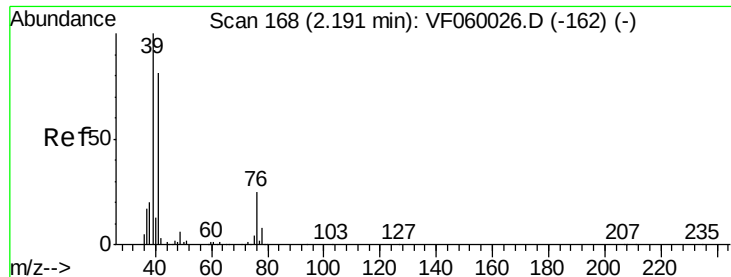
Tot Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 51.8 77.6#
141 0.0 11.9 17.9#



#13
Acrolein
Concen: 107.13 ug/l
RT: 2.04 min Scan# 153
Delta R.T. -0.05 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 100.0 65.6 98.4#

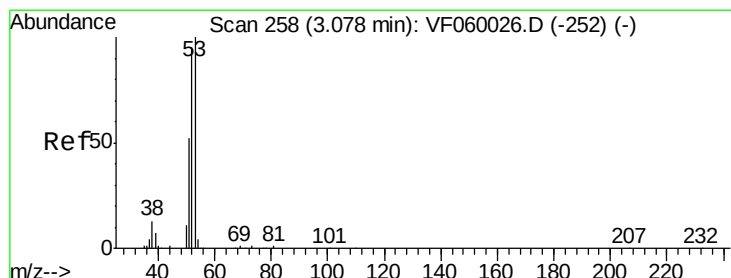
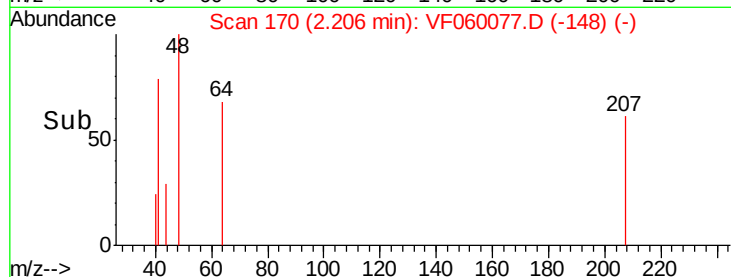
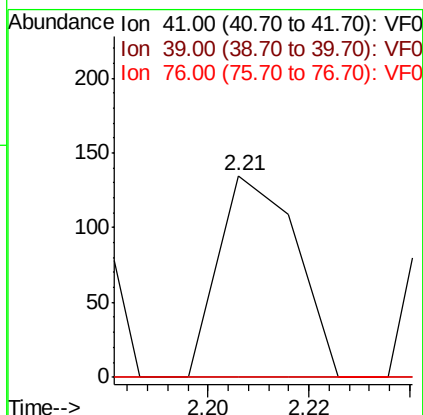
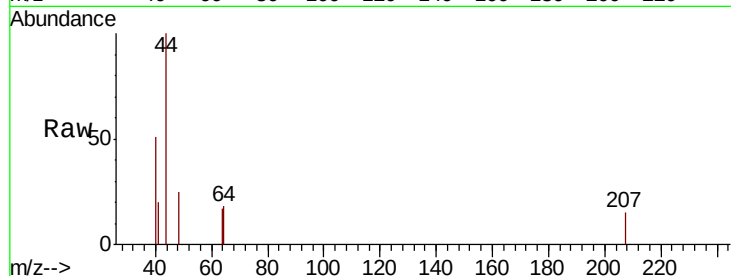




#14
Allvl chloride
Concen: 8.01 ug/l
RT: 2.21 min Scan# 170
Delta R.T. 0.02 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

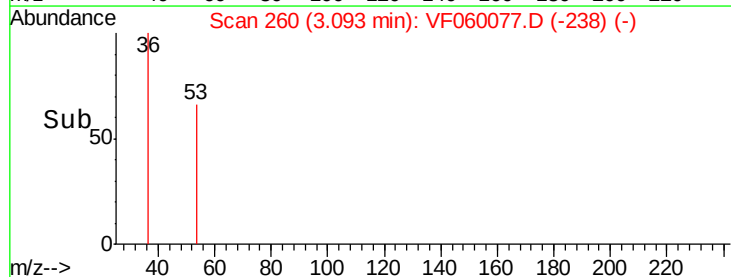
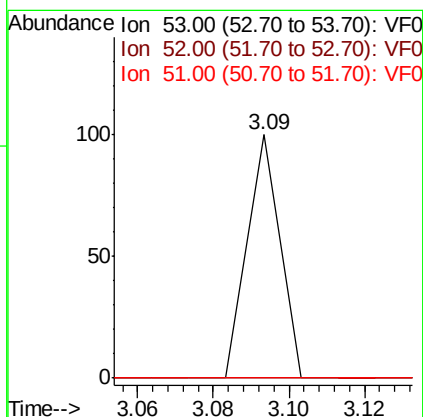
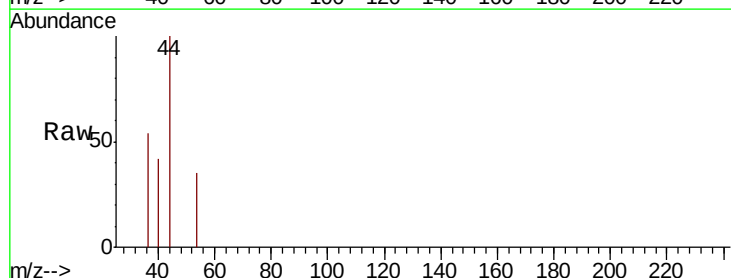
Instrument :
MSVOA_F
ClientSampleId :

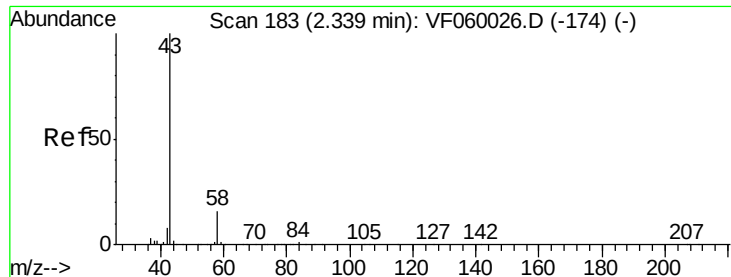
Tot Ion: 41 Resp: 144
Ion Ratio Lower Upper
41 100
39 0.0 99.3 148.9#
76 0.0 24.3 36.5#



#15
Acrylonitrile
Concen: 25.78 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

Tgt Ion: 53 Resp: 59
Ion Ratio Lower Upper
53 100
52 0.0 75.8 113.8#
51 0.0 42.1 63.1#





#16

Acetone

Concen: 10.99 ug/l

RT: 2.30 min Scan# 180

Delta R.T. -0.03 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

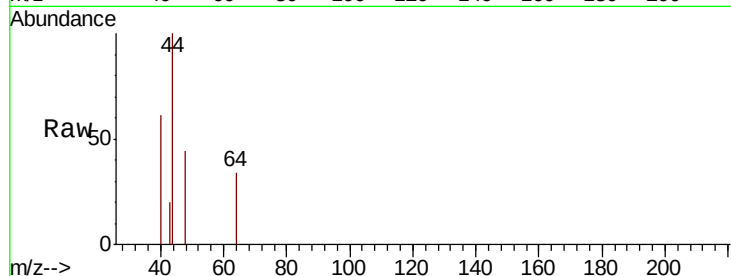
ClientSampleId :

Tot Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

58 0.0 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.30

120

100

80

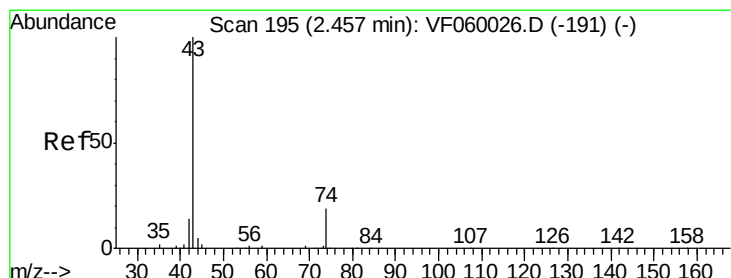
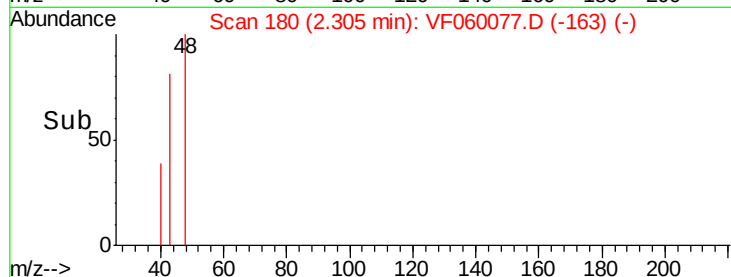
60

40

20

0

Time--> 2.28 2.30 2.32



#18

Methyl Acetate

Concen: 5.10 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.05 min

Lab File: VF060077.D

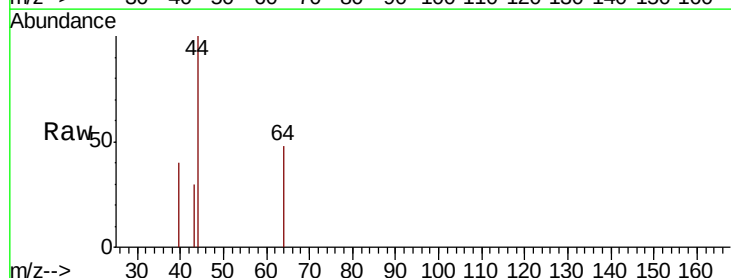
Acq: 24 Aug 2018 4:10

Tgt Ion: 43 Resp: 86

Ion Ratio Lower Upper

43 100

74 0.0 13.8 20.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

2.40

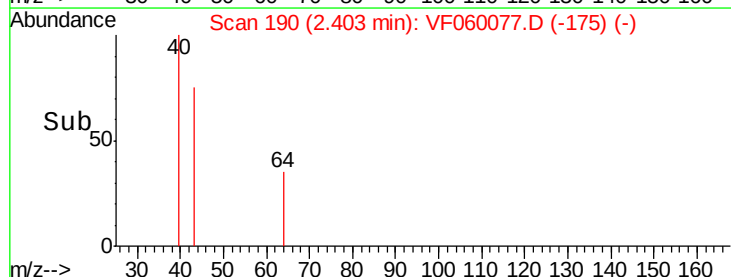
150

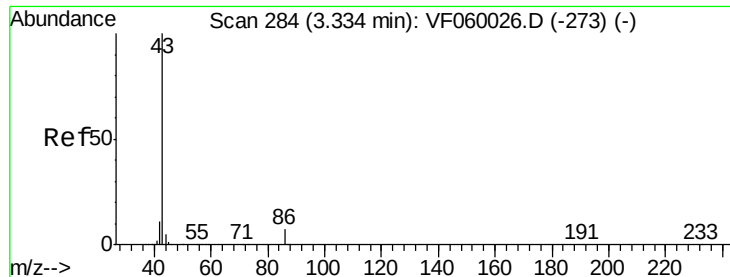
100

50

0

Time--> 2.38 2.40 2.42





#23

Vinyl Acetate

Concen: 6.52 ug/l

RT: 3.31 min Scan# 282

Delta R.T. -0.02 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

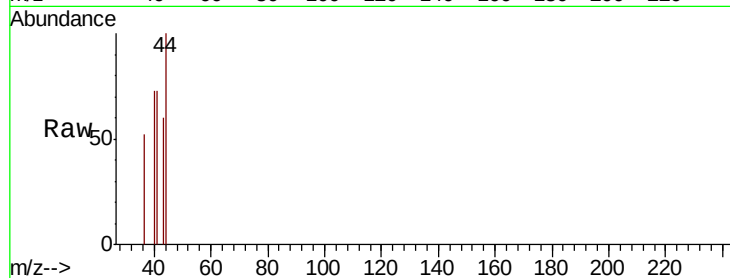
ClientSampled :

Tot Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

86 0.0 5.6 8.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.31

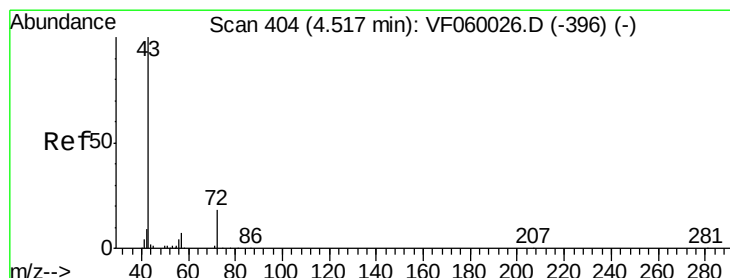
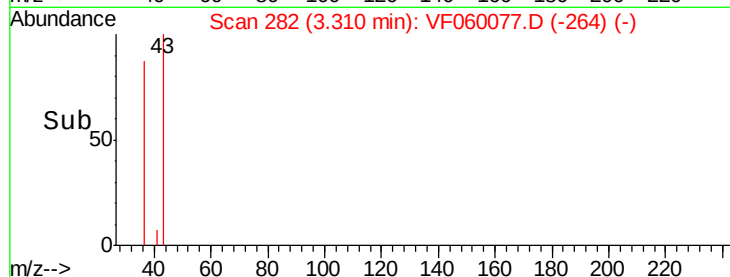
150

100

50

0

Time--> 3.26 3.28 3.30 3.32 3.34



#25

2-Butanone

Concen: 13.97 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.02 min

Lab File: VF060077.D

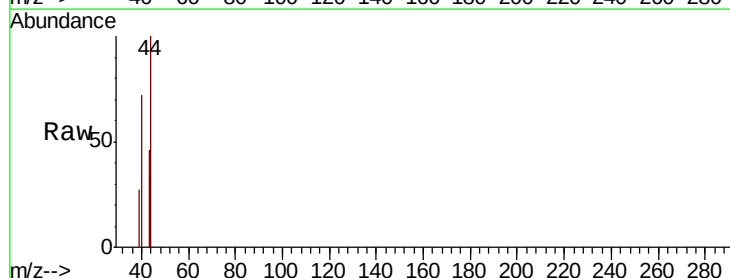
Acq: 24 Aug 2018 4:10

Tgt Ion: 43 Resp: 104

Ion Ratio Lower Upper

43 100

72 0.0 15.0 22.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.53

200

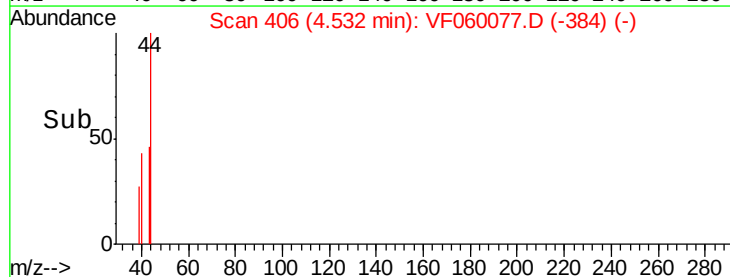
150

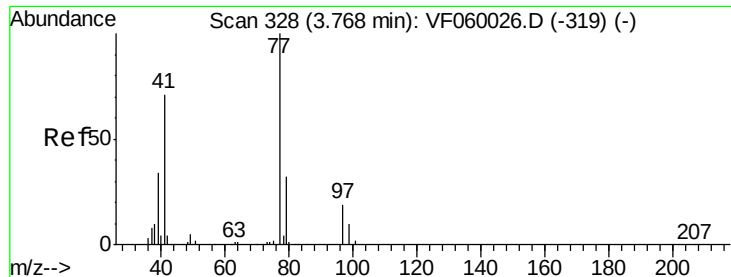
100

50

0

Time--> 4.50 4.52 4.54 4.56





#26

2,2-Dichloropropane

Concen: 2.29 ug/l

RT: 3.68 min Scan# 320

Delta R.T. -0.08 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

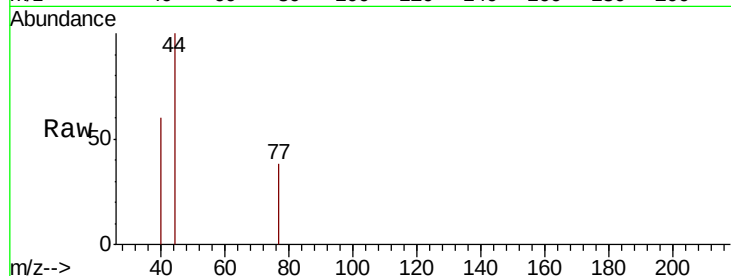
ClientSampled :

Tot Ion: 77 Resp: 59

Ion Ratio Lower Upper

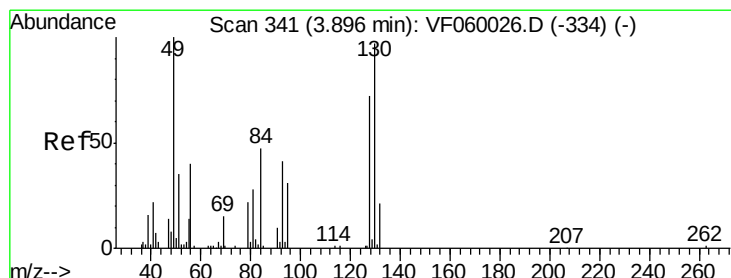
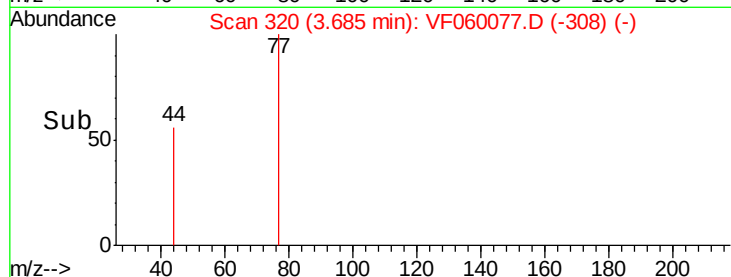
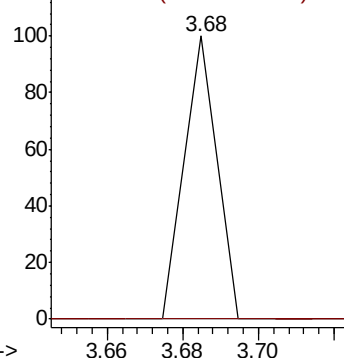
77 100

97 0.0 9.7 29.1#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#28

Bromochloromethane

Concen: 8.38 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.03 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

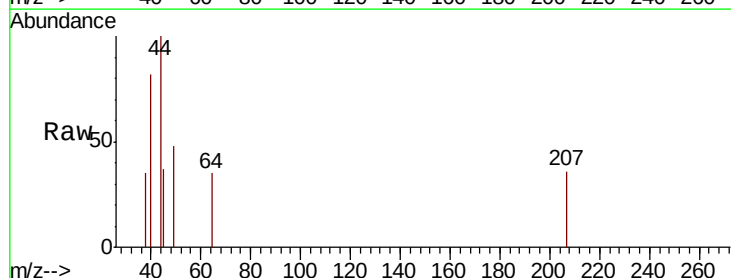
Tgt Ion: 49 Resp: 88

Ion Ratio Lower Upper

49 100

129 0.0 0.0 7.4

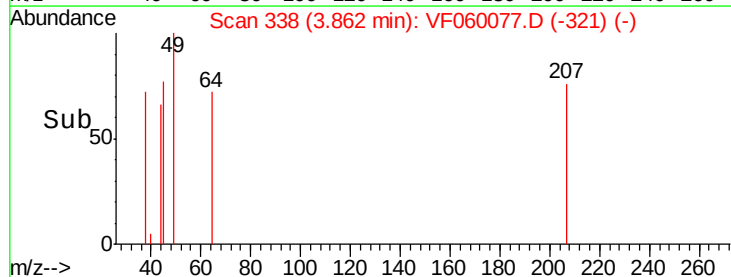
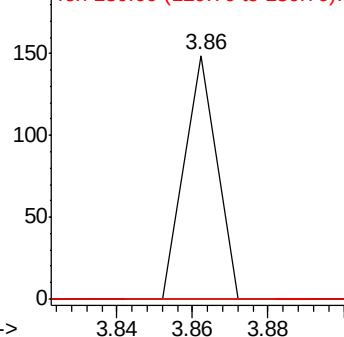
130 0.0 78.0 117.0#

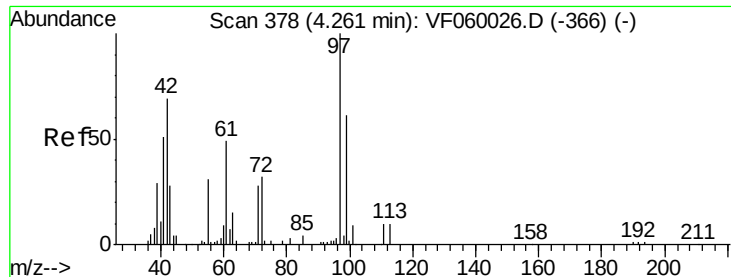


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 22.77 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.04 min

Lab File: VF060077.D

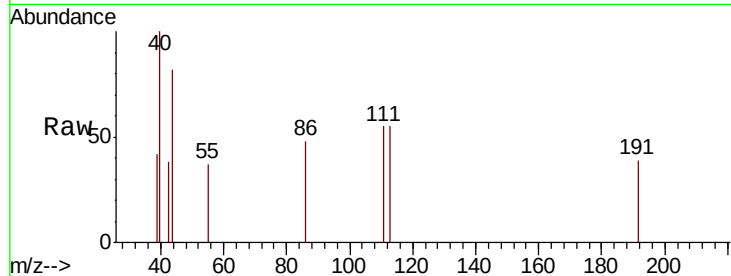
Acq: 24 Aug 2018 4:10

Instrument :

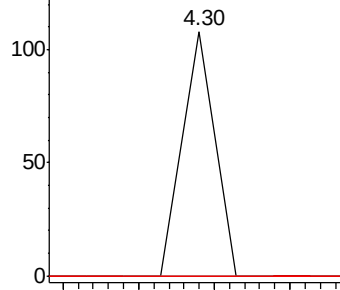
MSVOA_F

ClientSampled :

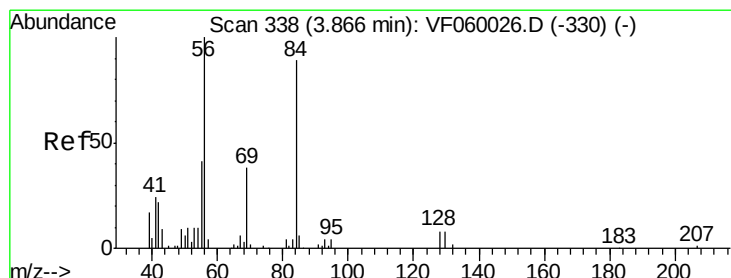
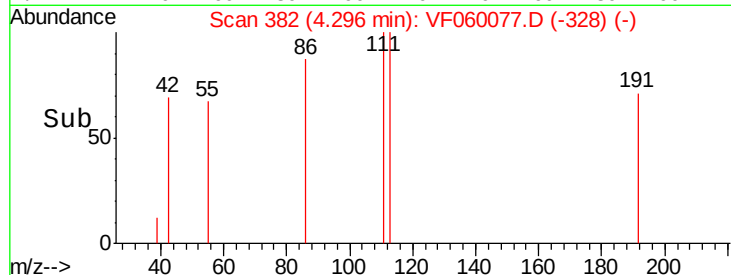
Tot Ion:	42	Resp:	64
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.2#
71	0.0	29.7	44.5#



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



Time--> 4.26 4.28 4.30 4.32



#31

Cyclohexane

Concen: 3.75 ug/l

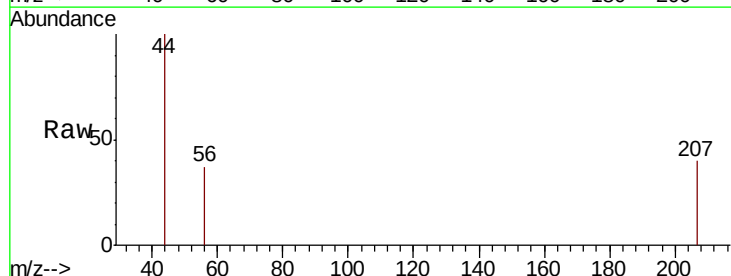
RT: 3.85 min Scan# 337

Delta R.T. -0.01 min

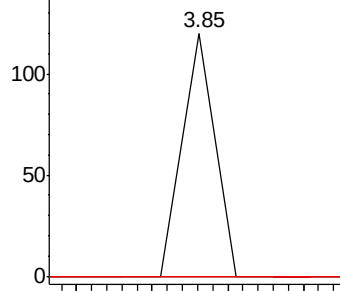
Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

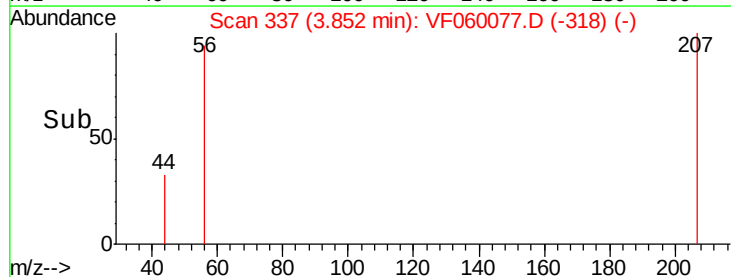
Tgt Ion:	56	Resp:	71
Ion	Ratio	Lower	Upper
56	100		
69	0.0	30.4	45.6#
84	0.0	71.4	107.2#

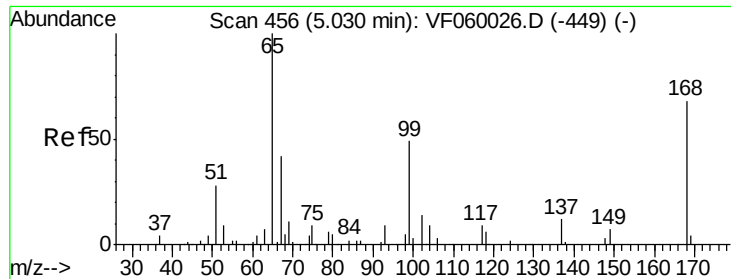


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0



Time--> 3.82 3.84 3.86 3.88

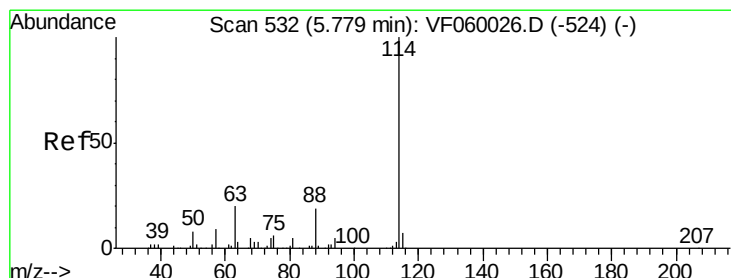
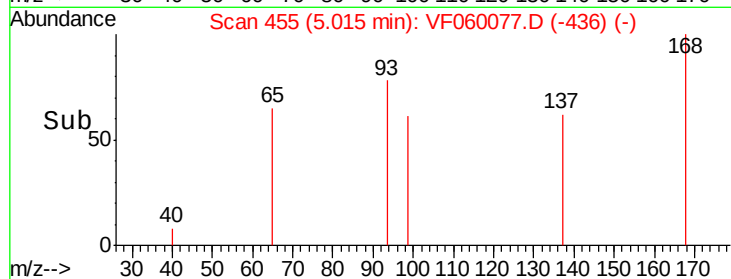
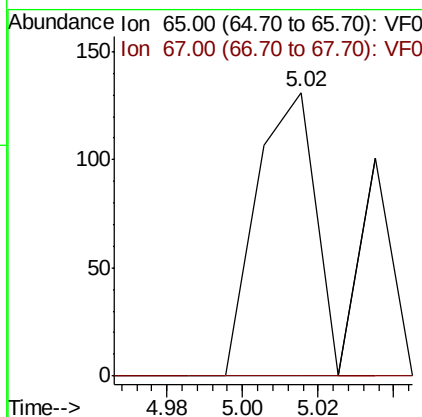
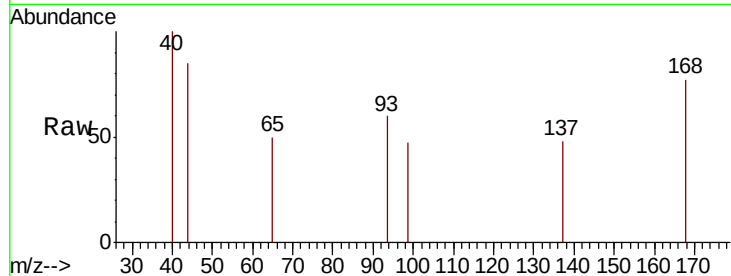




#33
 1,2-Dichloroethane-d4
 Concen: 6.47 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

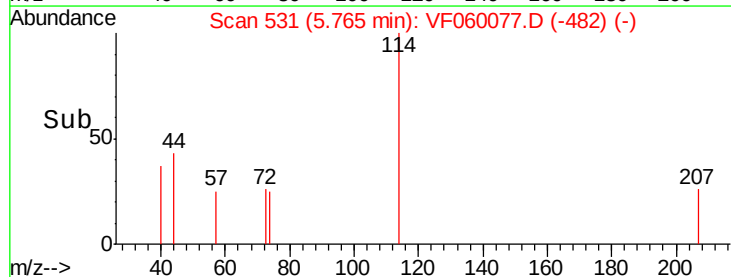
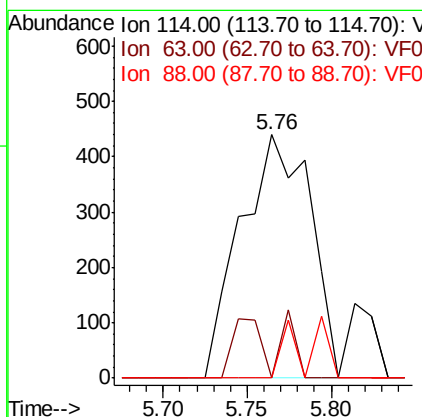
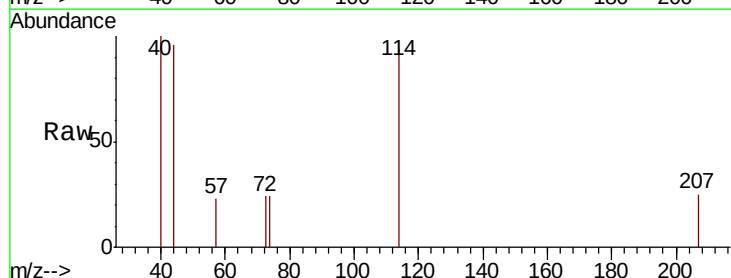
Instrument :
 MSVOA_F
 ClientSampled :

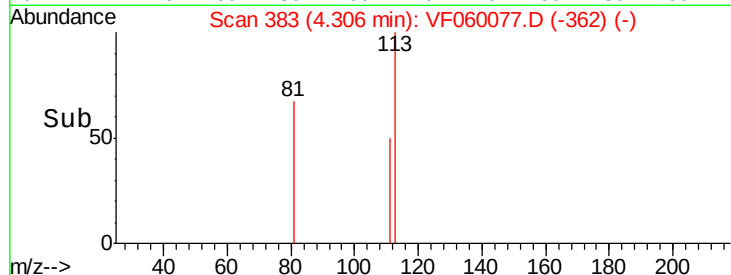
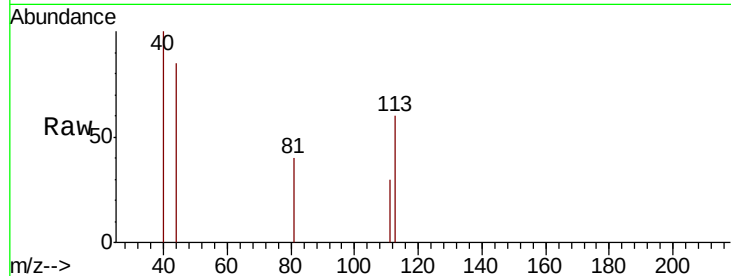
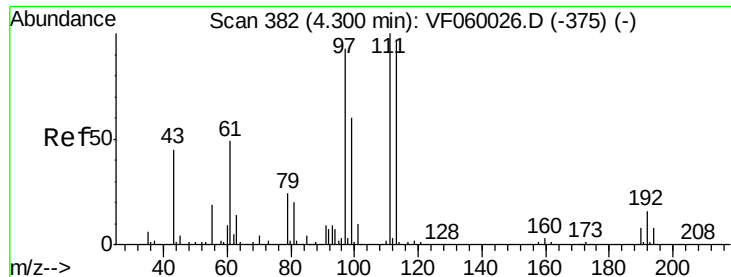
Tot Ion: 65 Resp: 141
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

Tgt Ion: 114 Resp: 1263
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 40.4
 88 0.0 0.0 38.6





#35

Dibromofluoromethane

Concen: 31.76 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

ClientSampleId :

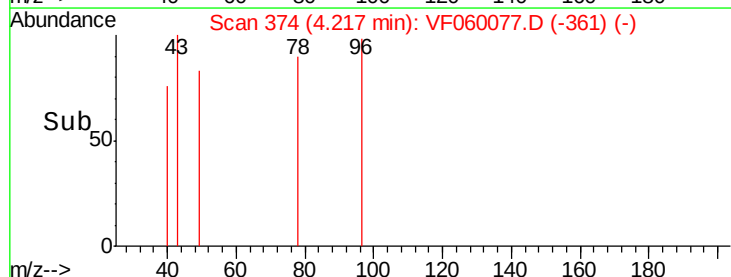
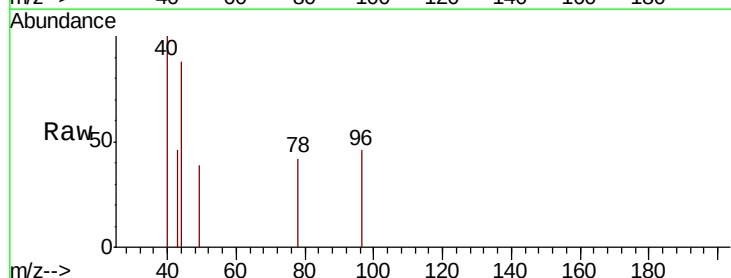
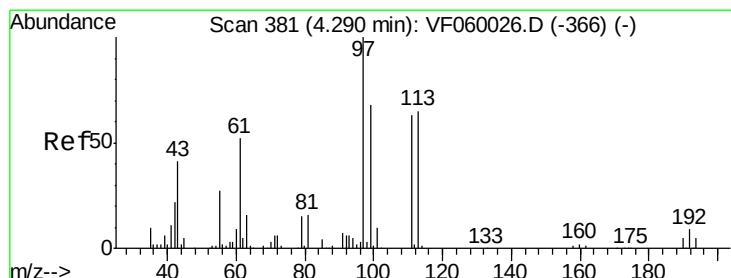
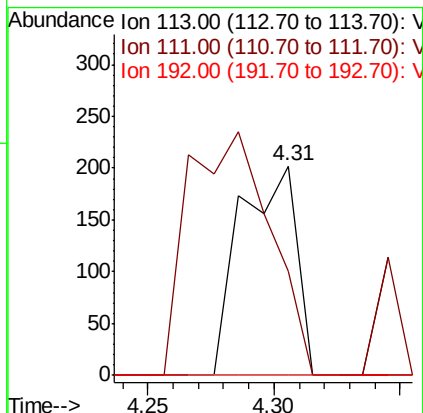
Tot Ion:113 Resp: 315

Ion Ratio Lower Upper

113 100

111 50.0 82.7 124.1#

192 0.0 13.0 19.4#



#37

Ethyl Acetate

Concen: 10.00 ug/l

RT: 4.22 min Scan# 374

Delta R.T. -0.07 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

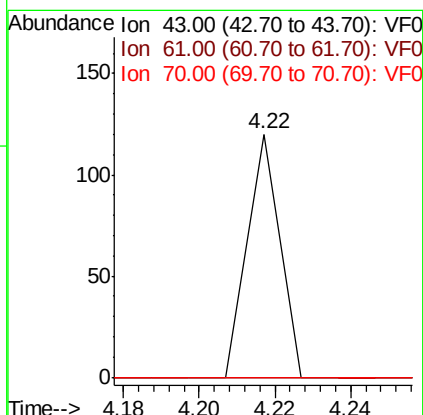
Tgt Ion: 43 Resp: 71

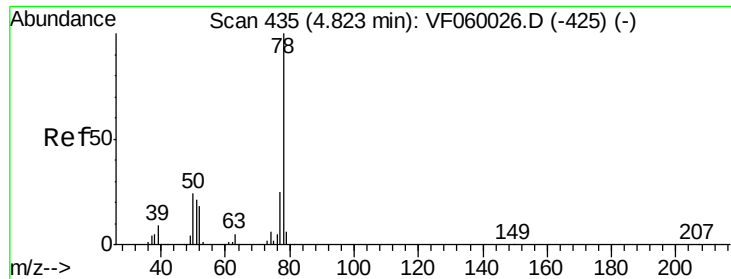
Ion Ratio Lower Upper

43 100

61 0.0 101.5 152.3#

70 0.0 6.4 9.6#





#40

Benzene

Concen: 4.71 ug/l

RT: 4.67 min Scan# 420

Delta R.T. -0.15 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

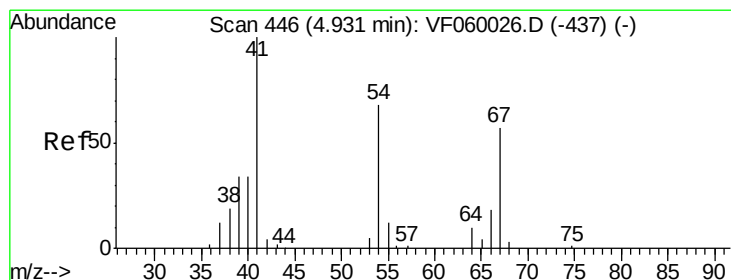
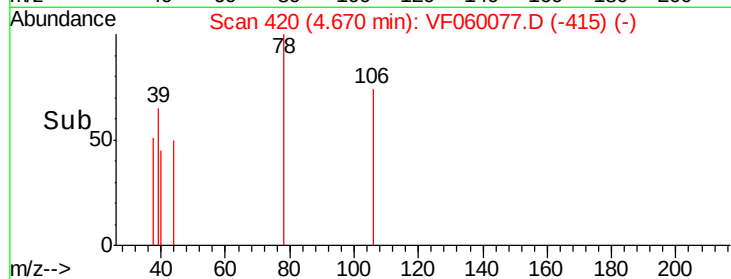
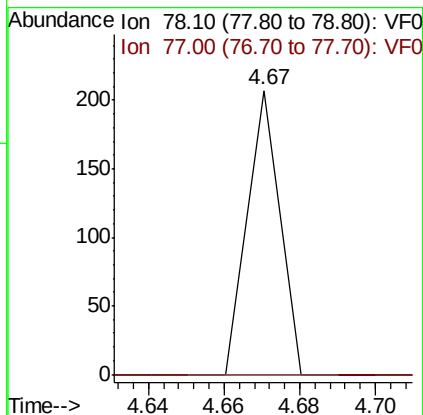
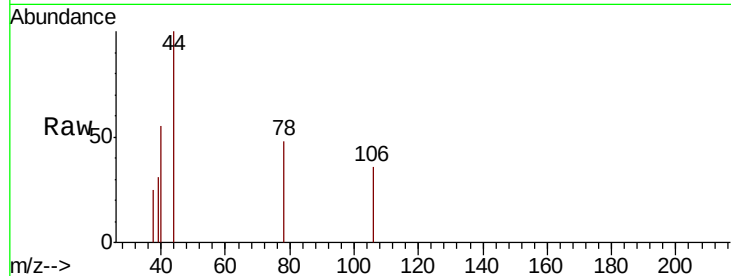
ClientSampleId :

Tot Ion: 78 Resp: 122

Ion Ratio Lower Upper

78 100

77 0.0 19.8 29.6#



#41

Methacrylonitrile

Concen: 18.66 ug/l

RT: 4.83 min Scan# 436

Delta R.T. -0.10 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Tgt Ion: 41 Resp: 67

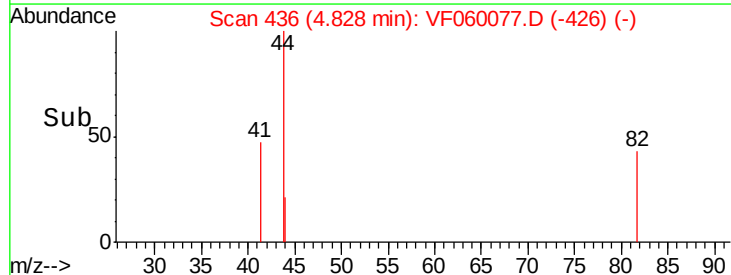
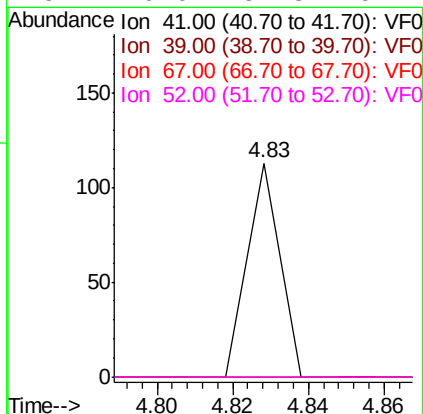
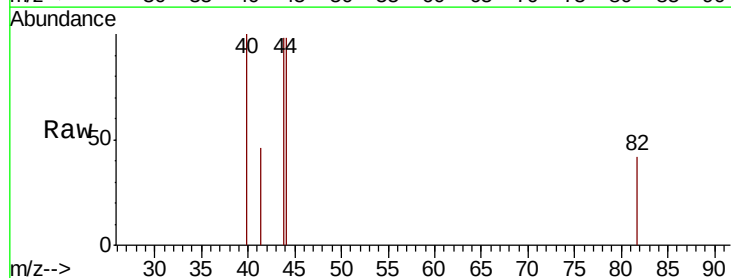
Ion Ratio Lower Upper

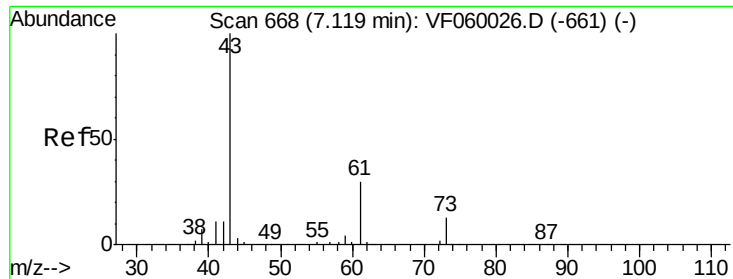
41 100

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: 7.05 ug/l

RT: 7.12 min Scan# 669

Delta R.T. 0.01 min

Lab File: VF060077.D

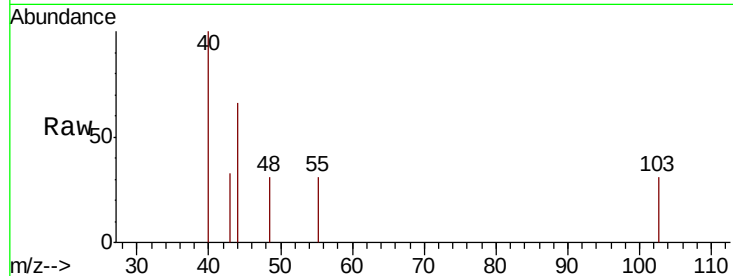
Acq: 24 Aug 2018 4:10

Instrument :

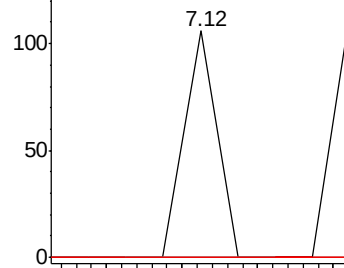
MSVOA_F

ClientSampleId :

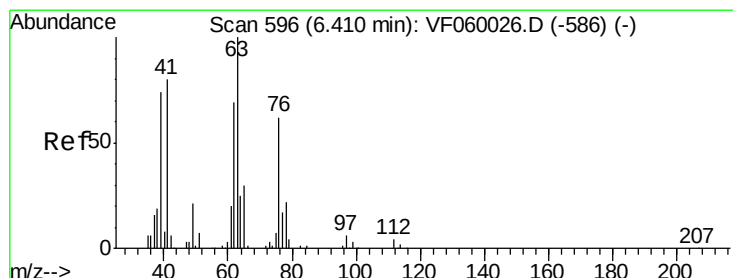
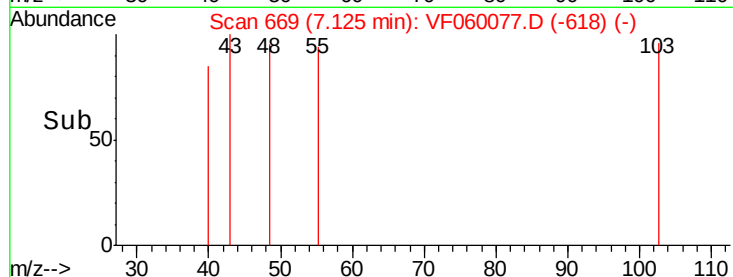
Tot Ion:	43	Resp:	63
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.6#
87	0.0	0.2	0.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0



Time-->



#45

1,2-Dichloropropane

Concen: 9.95 ug/l

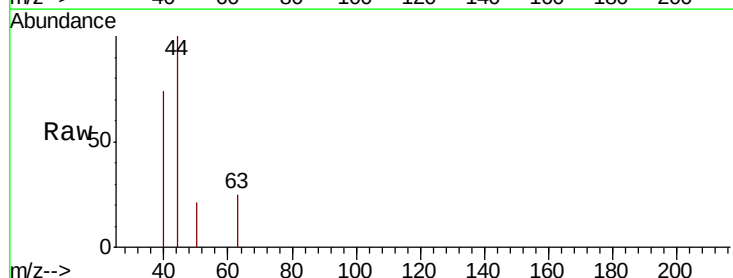
RT: 6.44 min Scan# 600

Delta R.T. 0.04 min

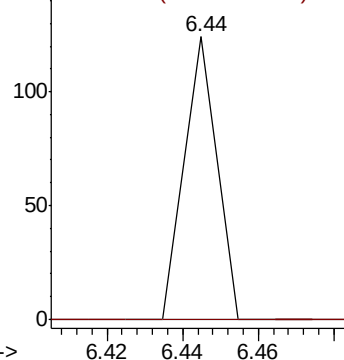
Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

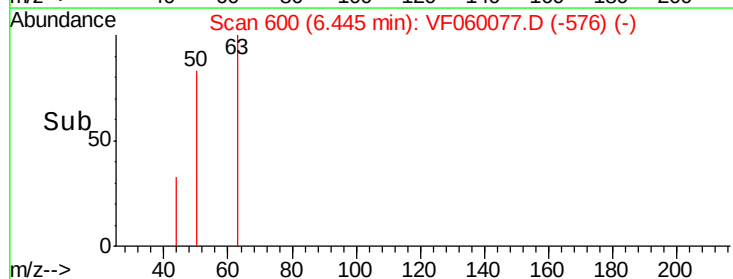
Tgt Ion:	63	Resp:	73
Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.8	35.6#

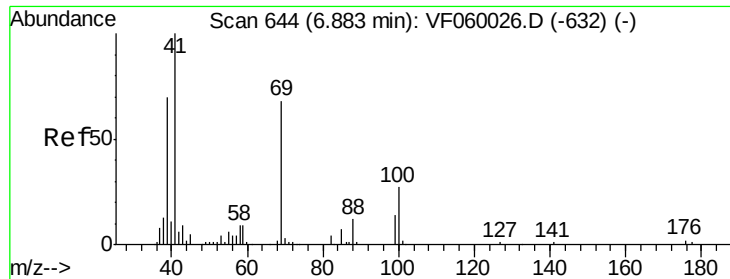


Abundance Ion 63.00 (62.70 to 63.70): VF0
Ion 65.00 (64.70 to 65.70): VF0



Time-->

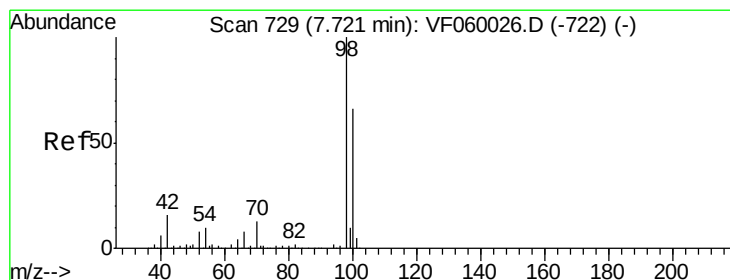
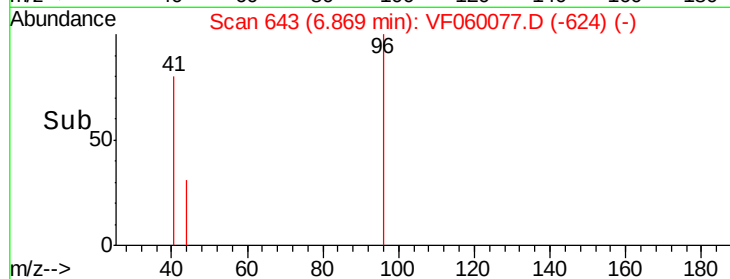
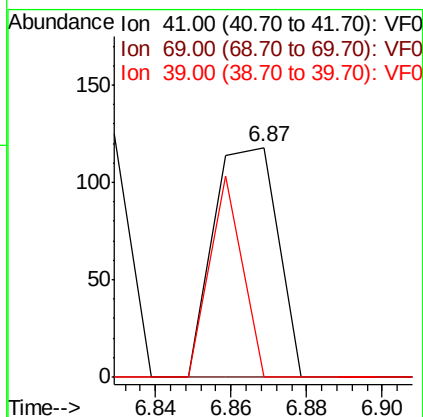
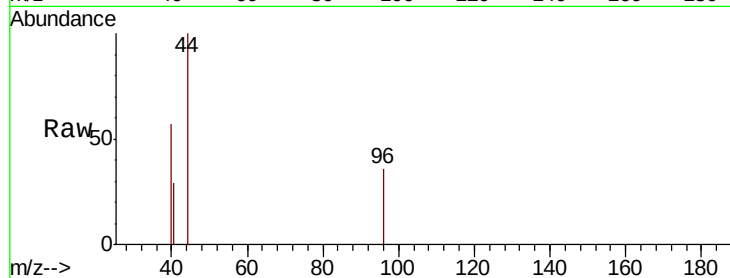




#48
Methvl methacrylate
Concen: 23.17 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.01 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

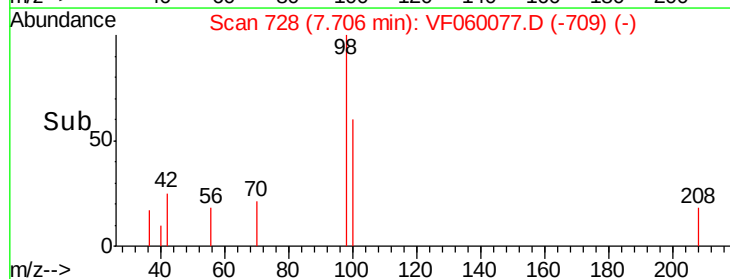
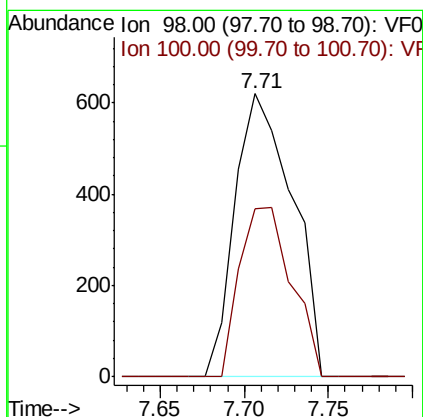
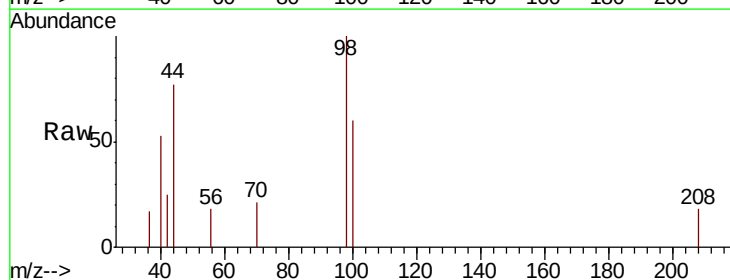
Instrument :
MSVOA_F
ClientSampleId :

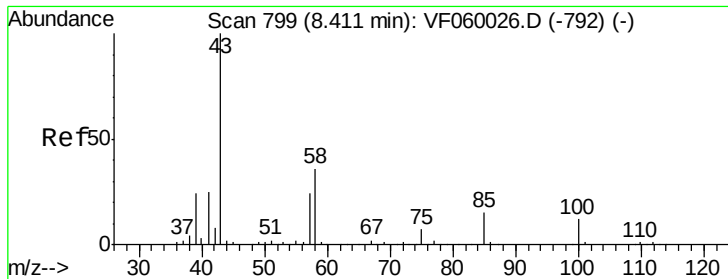
Tot Ion: 41 Resp: 137
Ion Ratio Lower Upper
41 100
69 0.0 54.6 81.8#
39 0.0 56.5 84.7#



#50
Toluene-d8
Concen: 52.05 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

Tgt Ion: 98 Resp: 1466
Ion Ratio Lower Upper
98 100
100 59.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 9.98 ug/l

RT: 8.26 min Scan# 784

Delta R.T. -0.15 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

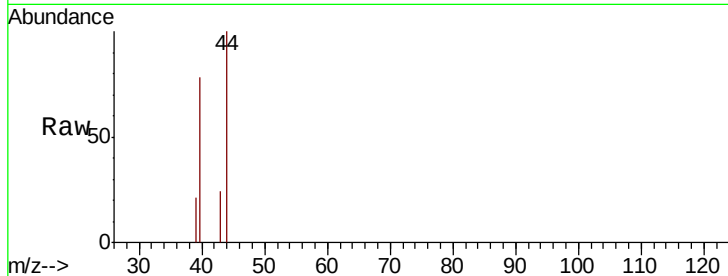
ClientSampled :

Tot Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

58 0.0 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

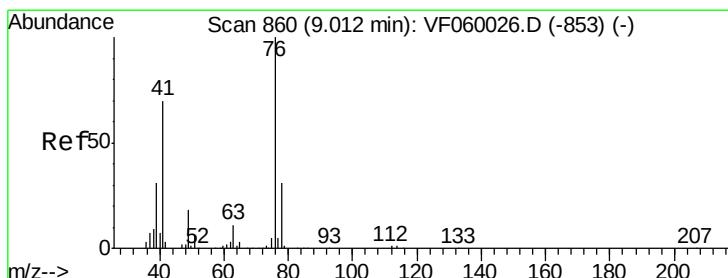
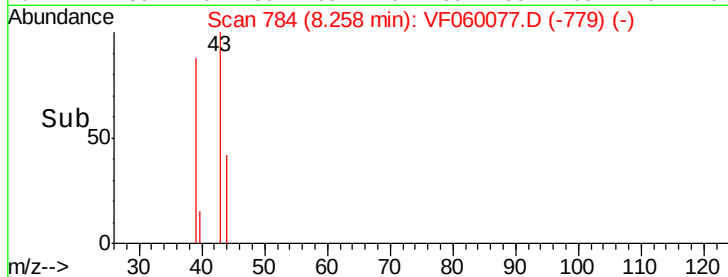
8.26

100

50

0

Time--> 8.22 8.24 8.26 8.28



#57

1,3-Dichloropropane

Concen: 5.12 ug/l

RT: 8.90 min Scan# 849

Delta R.T. -0.11 min

Lab File: VF060077.D

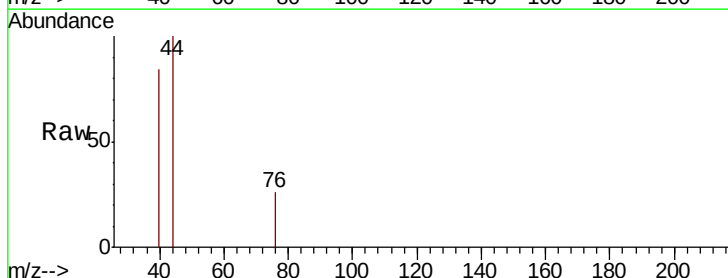
Acq: 24 Aug 2018 4:10

Tgt Ion: 76 Resp: 63

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.90

120

100

80

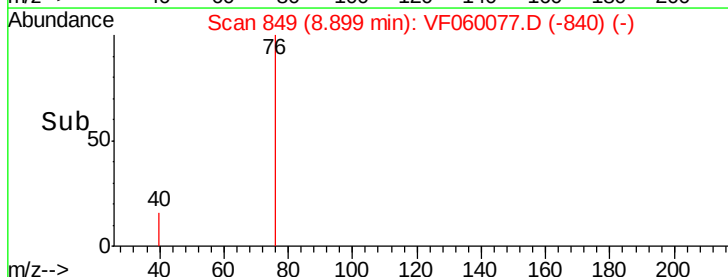
60

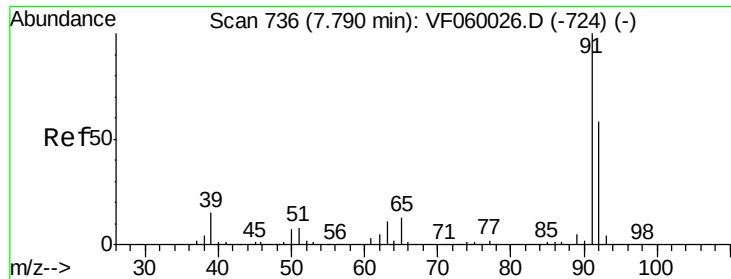
40

20

0

Time--> 8.86 8.88 8.90 8.92

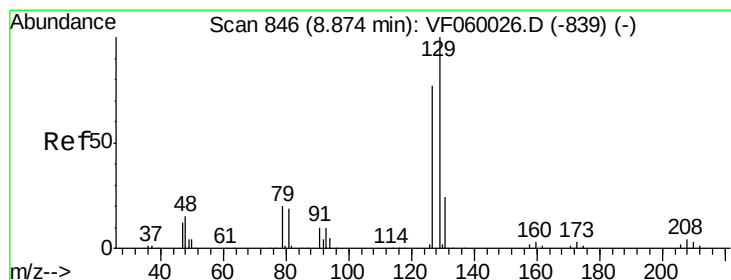
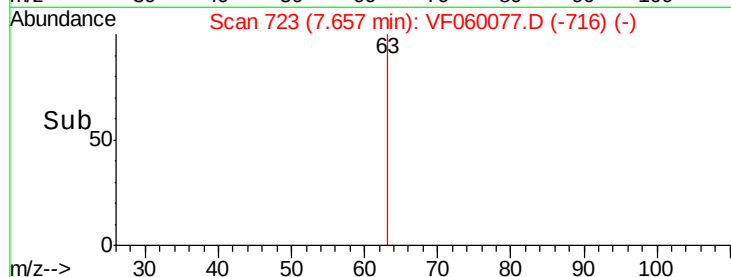
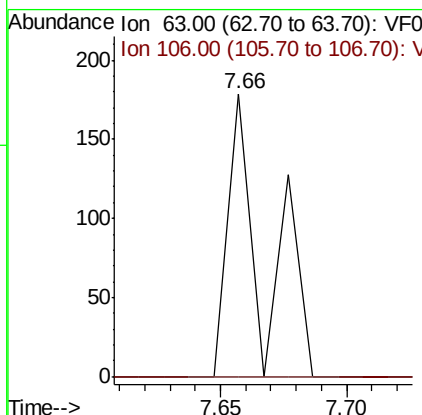
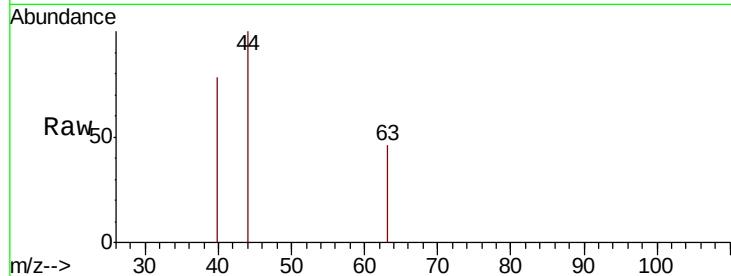




#58
 2-Chloroethyl Vinyl ether
 Concen: 270.77 ug/l
 RT: 7.66 min Scan# 723
 Delta R.T. -0.13 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

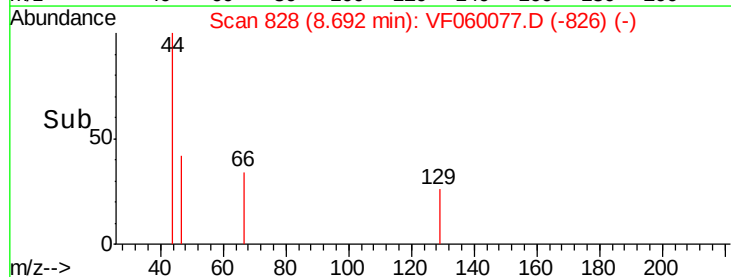
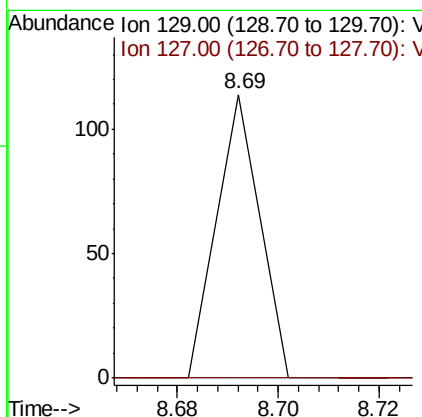
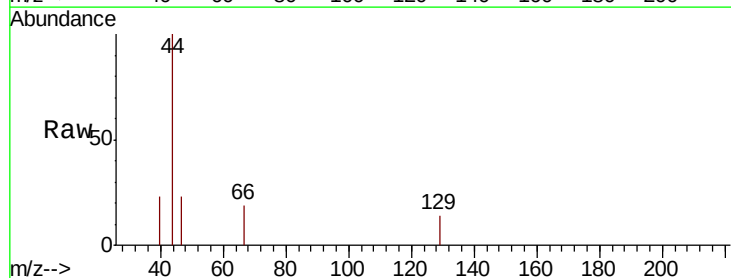
Instrument :
 MSVOA_F
 ClientSampleId :

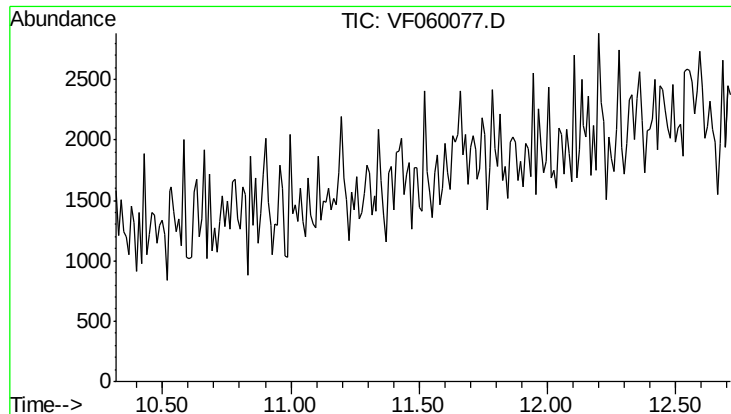
Tot Ion: 63 Resp: 182
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#60
 Dibromochloromethane
 Concen: 6.49 ug/l
 RT: 8.69 min Scan# 828
 Delta R.T. -0.18 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

Tgt Ion: 129 Resp: 67
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#

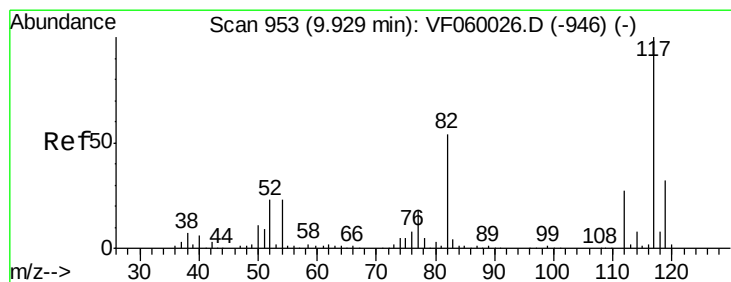
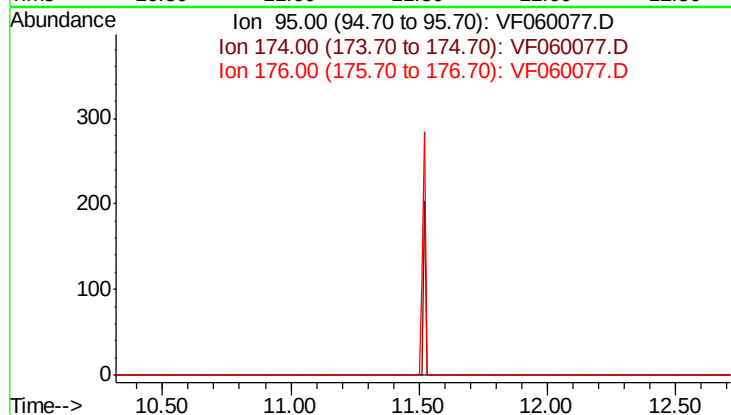




#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 11.52 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

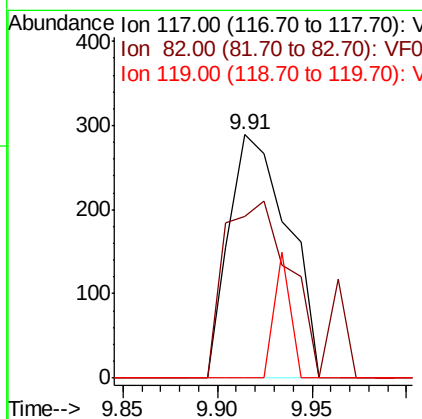
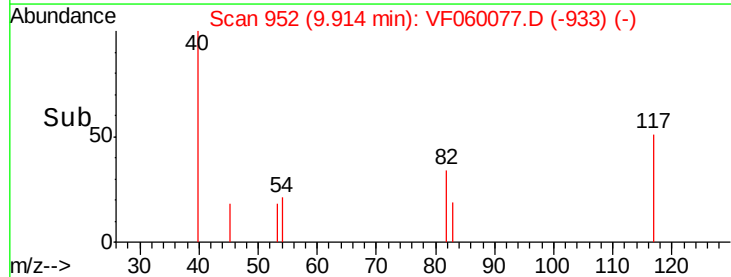
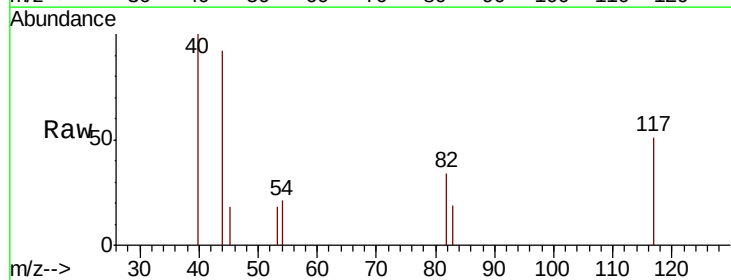
Instrument :
 MSVOA_F
 ClientSampleId :

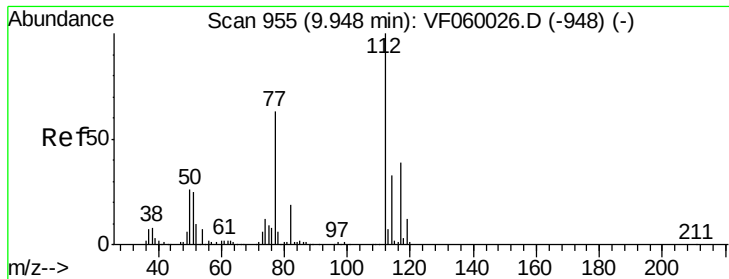
Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 79.2
 176 76.5



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.91 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

Tgt Ion:117 Resp: 625
 Ion Ratio Lower Upper
 117 100
 82 66.4 43.6 65.4#
 119 0.0 25.6 38.4#

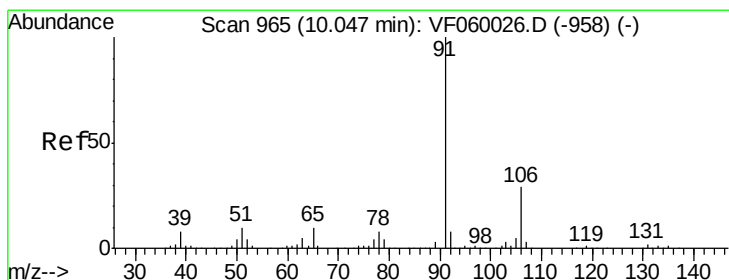
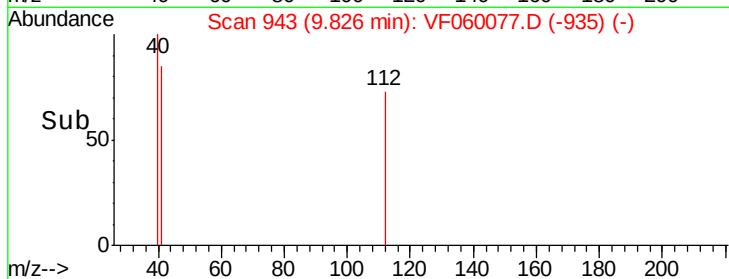
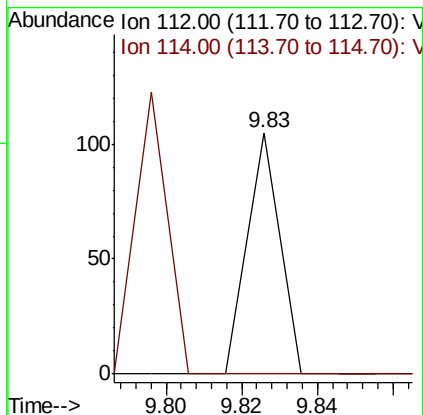
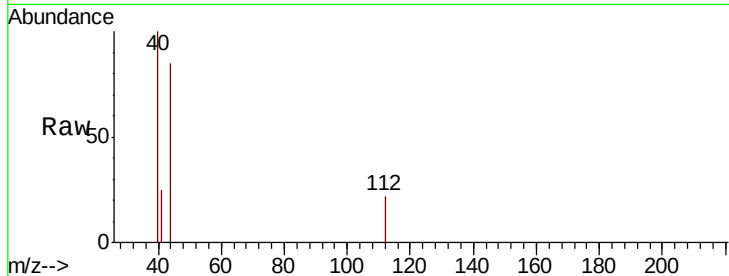




#65
Chlorobenzene
Concen: 5.25 ug/l
RT: 9.83 min Scan# 943
Delta R.T. -0.12 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

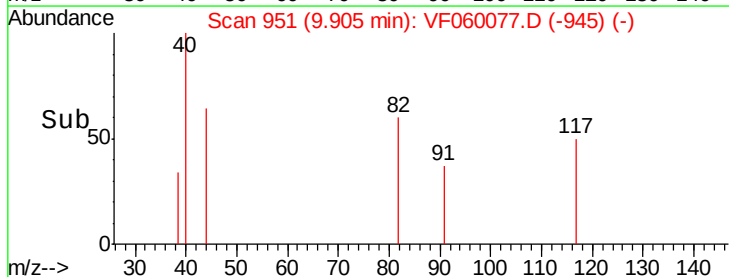
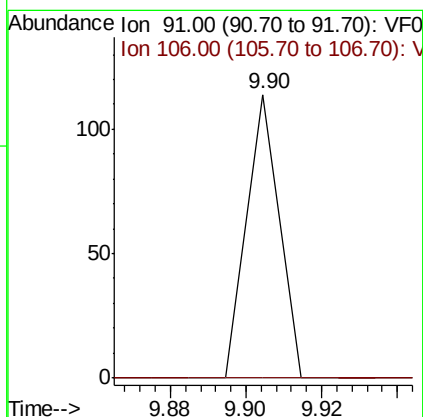
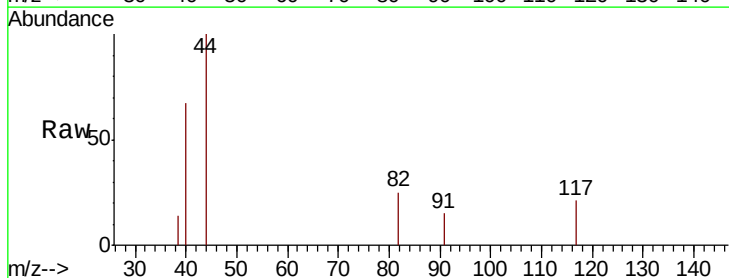
Instrument :
MSVOA_F
ClientSampleId :

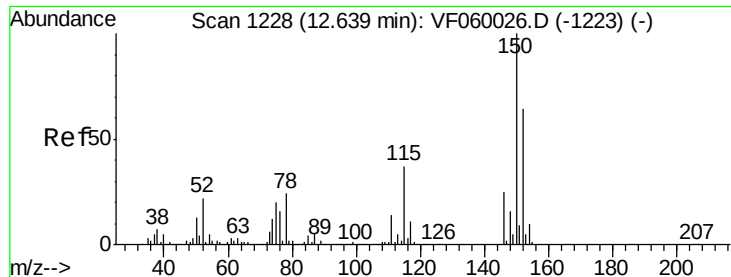
Tot Ion:112 Resp: 62
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#



#67
Ethyl Benzene
Concen: 3.29 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.14 min
Lab File: VF060077.D
Acq: 24 Aug 2018 4:10

Tgt Ion: 91 Resp: 67
Ion Ratio Lower Upper
91 100
106 0.0 23.6 35.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

ClientSampleId :

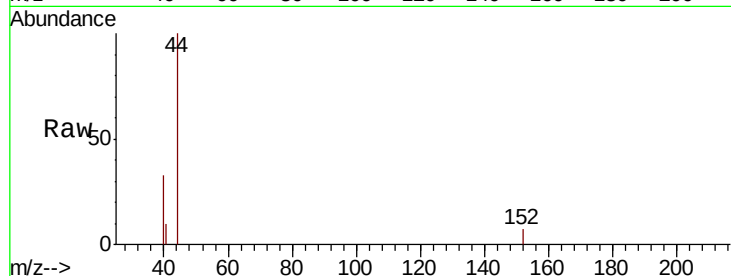
Tot Ion:152 Resp: 60

Ion Ratio Lower Upper

152 100

115 0.0 28.6 85.9#

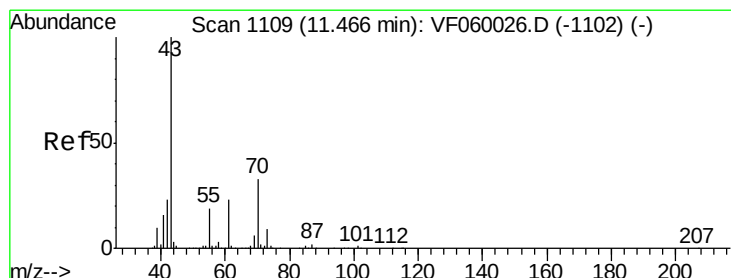
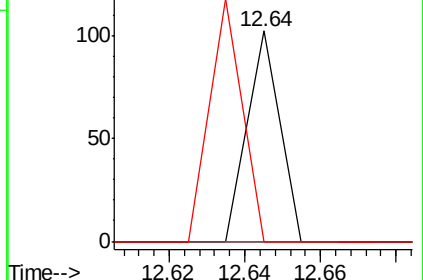
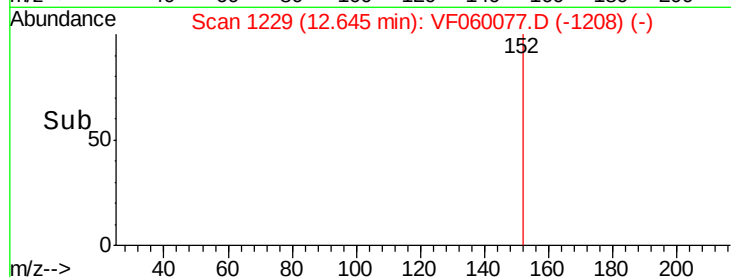
150 0.0 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#74

N-ethyl acetate

Concen: 64.14 ug/l

RT: 11.43 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Tgt Ion: 43 Resp: 72

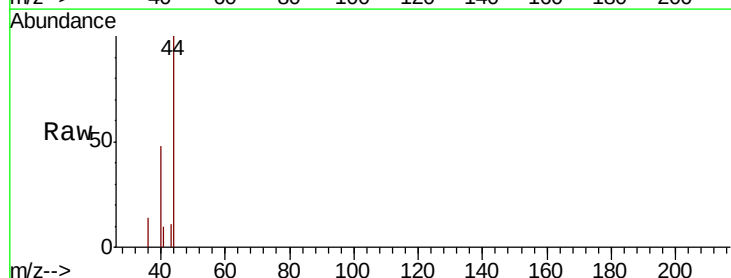
Ion Ratio Lower Upper

43 100

70 0.0 26.4 39.6#

55 0.0 15.0 22.4#

61 0.0 18.4 27.6#

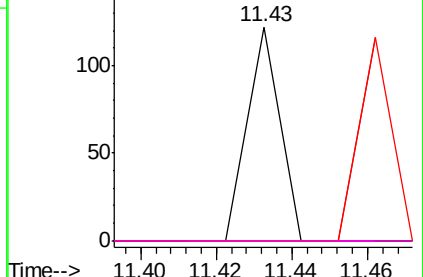
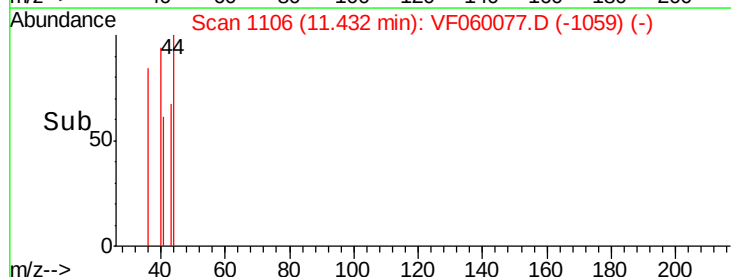


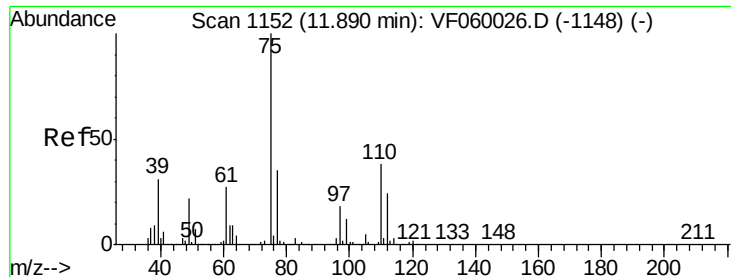
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#76

1,2,3-Trichloropropane

Concen: 114.44 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. -0.06 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

Instrument :

MSVOA_F

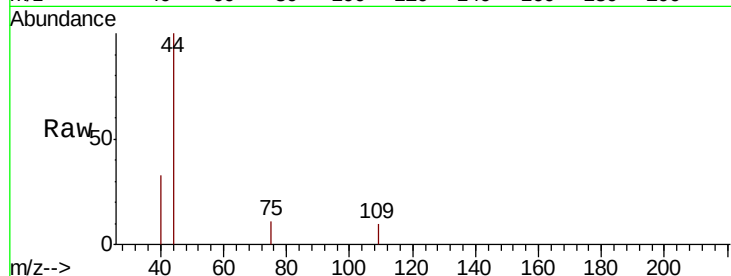
ClientSampled :

Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

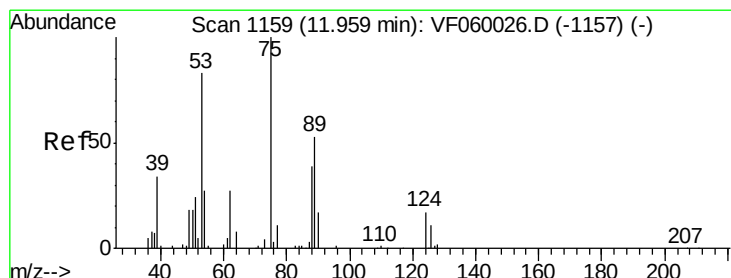
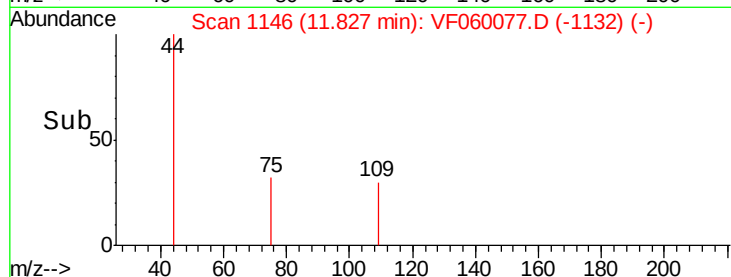
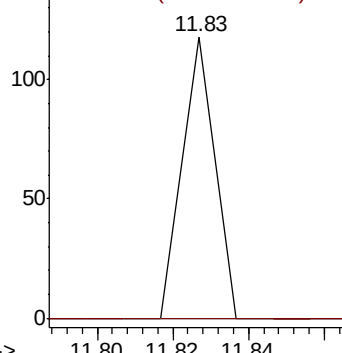
75 100

77 0.0 17.3 52.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#81

trans-1,4-Dichloro-2-butene

Concen: 250.12 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. -0.13 min

Lab File: VF060077.D

Acq: 24 Aug 2018 4:10

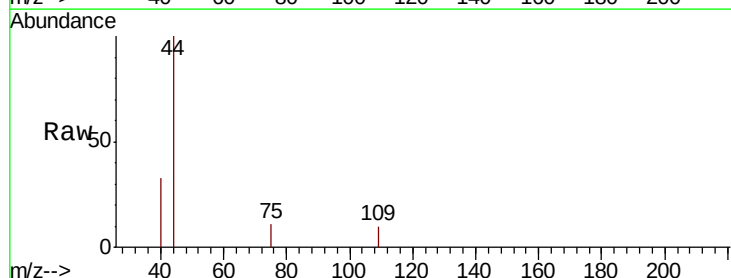
Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

53 0.0 66.2 99.4#

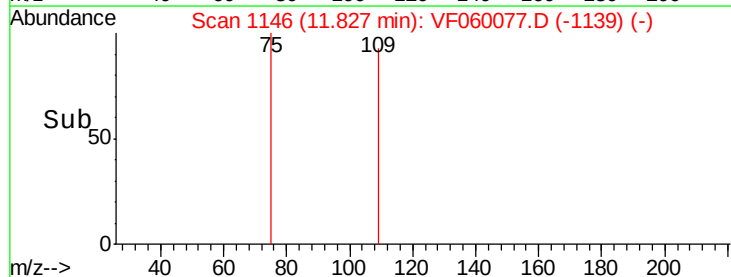
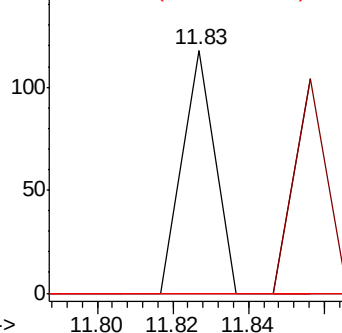
89 0.0 42.8 64.2#

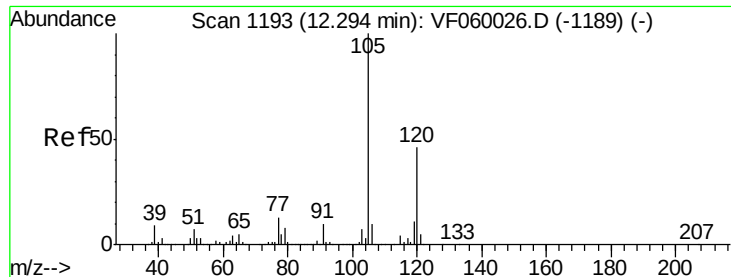


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

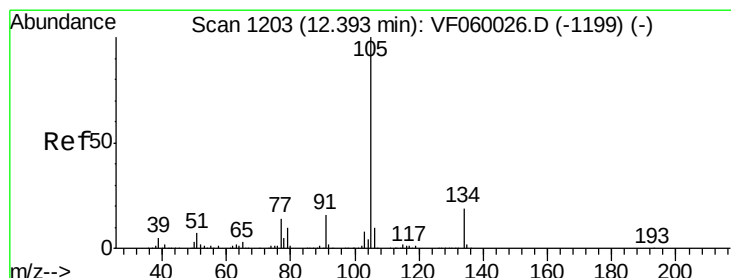
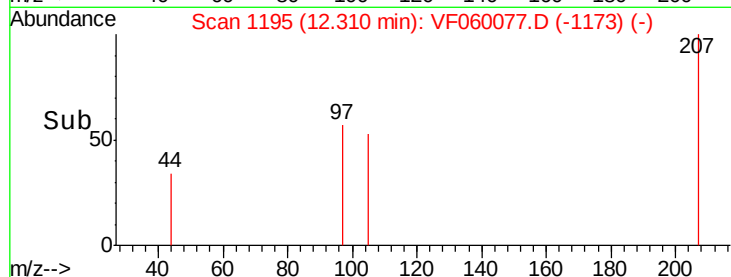
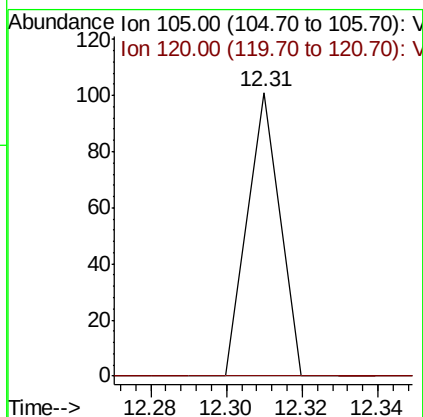
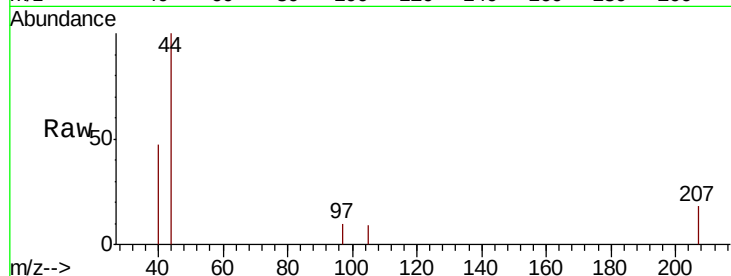




#84
 1,2,4-Trimethylbenzene
 Concen: 17.94 ug/l
 RT: 12.31 min Scan# 1195
 Delta R.T. 0.02 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

Instrument :
 MSVOA_F
 ClientSampled :

Tot Ion:105 Resp: 60
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#



#85
 sec-Butylbenzene
 Concen: 14.04 ug/l
 RT: 12.31 min Scan# 1195
 Delta R.T. -0.08 min
 Lab File: VF060077.D
 Acq: 24 Aug 2018 4:10

Tgt Ion:105 Resp: 60
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.9#

