

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061608.D
 Acq On : 12 Feb 2019 14:53
 Operator : VA/AP
 Sample : K1343-03
 Misc : 6.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-B

Quant Time: Feb 13 02:48:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	76	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.38	114	111	50.00	ug/l	-0.21
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

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	10.81	95	160	142.70	ug/l	-0.60
Spiked Amount	50.000		Recovery	=	285.40%	

Target Compounds

						Qvalue
3) Chloromethane	1.13	50	218	199.098	ug/l #	44
4) Vinyl Chloride	1.20	62	115	118.070	ug/l #	43
5) Bromomethane	1.34	94	961	1513.054	ug/l #	2
6) Chloroethane	1.40	64	65	150.608	ug/l #	1
7) Trichlorofluoromethane	1.46	101	67	35.384	ug/l #	19
8) Diethyl Ether	1.68	74	81	333.853	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.77	101	61	67.046	ug/l #	39
12) 1,1-Dichloroethene	1.81	96	101	149.421	ug/l #	1
13) Acrolein	2.10	56	417	11695.679	ug/l	92
14) Allyl chloride	2.11	41	524	288.463	ug/l #	53
15) Acrylonitrile	2.94	53	167	1641.506	ug/l #	14
16) Acetone	2.38	43	345	1832.790	ug/l	94
17) Carbon Disulfide	1.79	76	83	39.381	ug/l #	69
18) Methyl Acetate	2.34	43	967	2590.378	ug/l #	61
19) Methyl tert-butyl Ether	2.40	73	64	42.237	ug/l #	1
20) Methylene Chloride	2.19	84	60	95.499	ug/l #	48
21) trans-1,2-Dichloroethene	2.33	96	194	260.859	ug/l #	6
22) Diisopropyl ether	2.82	45	671	278.951	ug/l #	49
23) Vinyl Acetate	3.17	43	482	452.936	ug/l #	78
24) 1,1-Dichloroethane	2.89	63	150	99.356	ug/l #	85
25) 2-Butanone	4.39	43	120	383.349	ug/l #	57
26) 2,2-Dichloropropane	3.56	77	104	112.122	ug/l #	61
27) cis-1,2-Dichloroethene	3.49	96	62	56.476	ug/l	1
29) Tetrahydrofuran	4.10	42	96	712.224	ug/l #	38
31) Cyclohexane	3.69	56	70	46.417	ug/l #	13
36) 1,1-Dichloropropene	4.08	75	94	73.039	ug/l #	44
37) Ethyl Acetate	3.95	43	296	575.369	ug/l #	53
41) Methacrylonitrile	4.51	41	264	964.412	ug/l #	29
43) Isopropyl Acetate	6.66	43	153	236.962	ug/l #	51
44) Trichloroethene	5.17	130	93	105.862	ug/l	1
45) 1,2-Dichloropropane	6.02	63	63	83.820	ug/l #	44
48) Methyl methacrylate	6.43	41	83	191.433	ug/l #	20
51) 4-Methyl-2-Pentanone	7.92	43	79	166.431	ug/l #	39
53) t-1,3-Dichloropropene	7.86	75	65	66.200	ug/l #	44

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

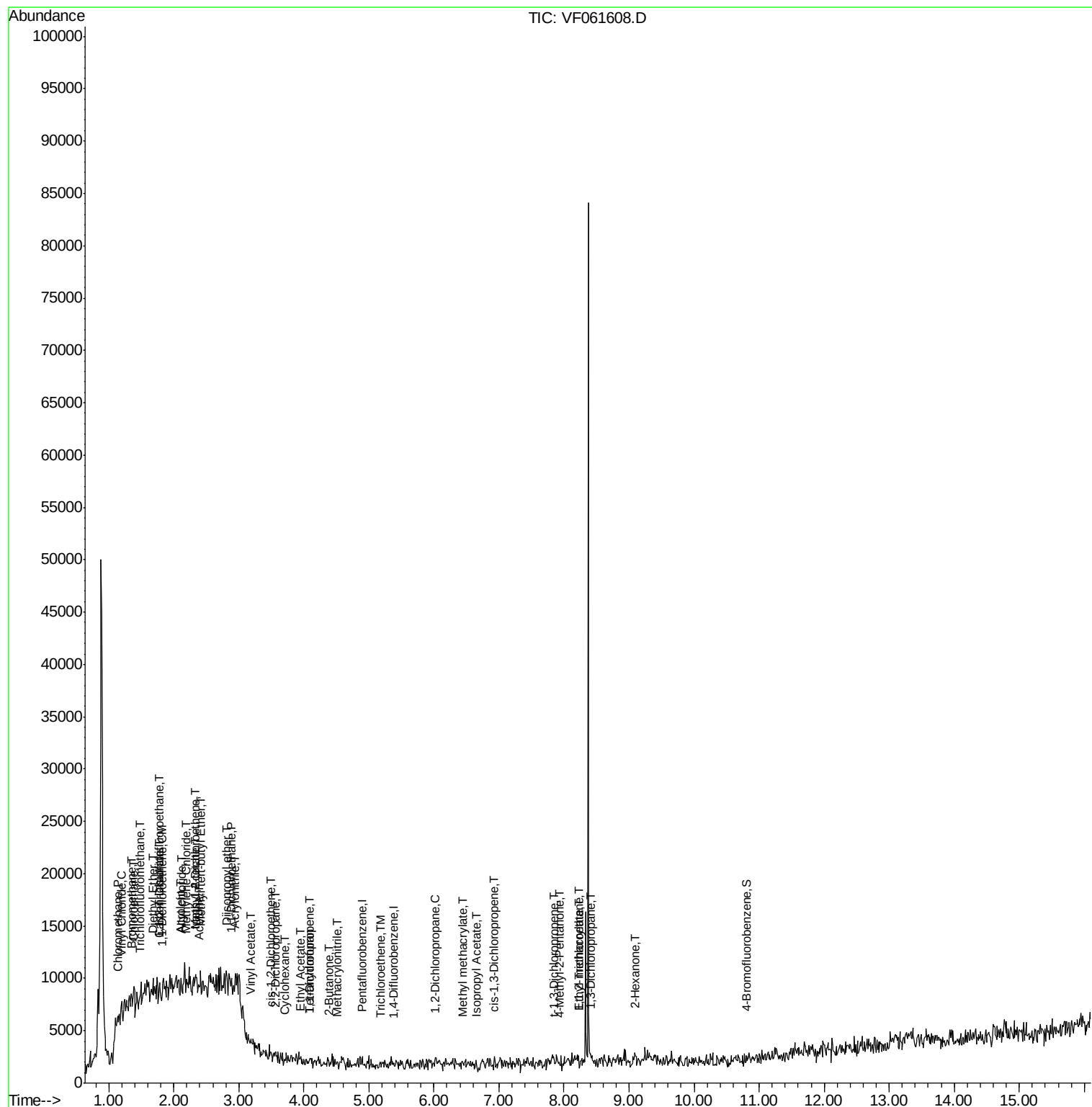
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) cis-1,3-Dichloropropene	6.94	75	60	48.887	ug/l #	28
55) 1,1,2-Trichloroethane	8.22	97	94	175.524	ug/l #	14
56) Ethyl methacrylate	8.22	69	72	115.558	ug/l #	24
57) 1,3-Dichloropropane	8.41	76	62	61.765	ug/l #	43
59) 2-Hexanone	9.08	43	273	824.779	ug/l #	26

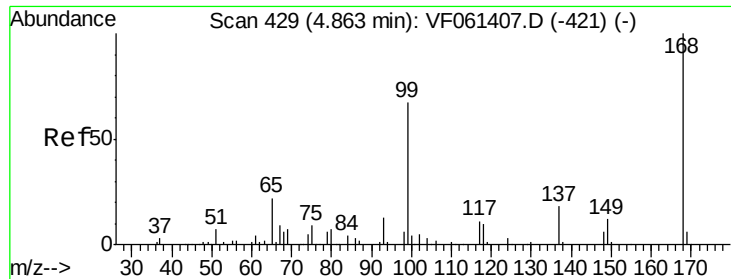
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. 0.03 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

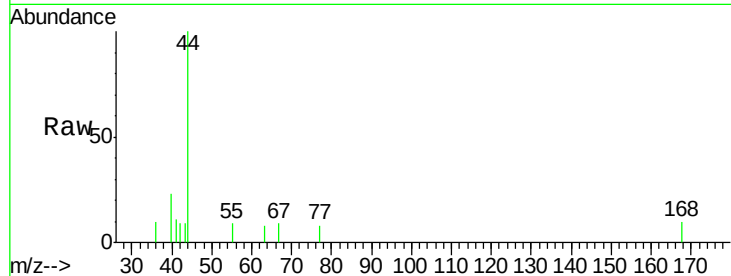
JC-02-021119-B

Tot Ion:168 Resp: 76

Ion Ratio Lower Upper

168 100

99 0.0 53.5 80.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

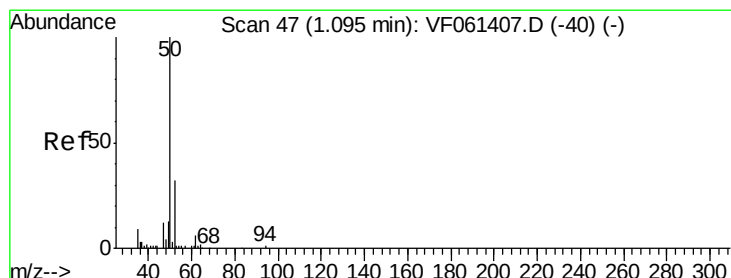
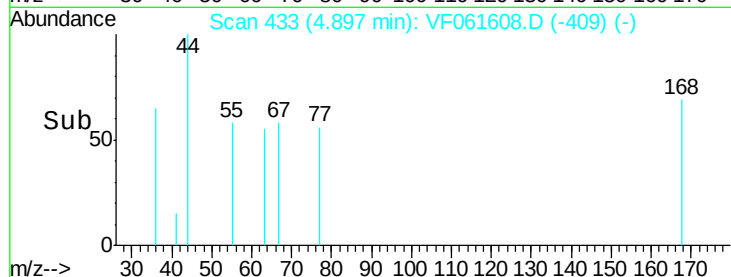
4.90

100

50

0

Time--> 4.86 4.88 4.90 4.92



#3

Chloromethane

Concen: 199.098 ug/l

RT: 1.13 min Scan# 51

Delta R.T. 0.03 min

Lab File: VF061608.D

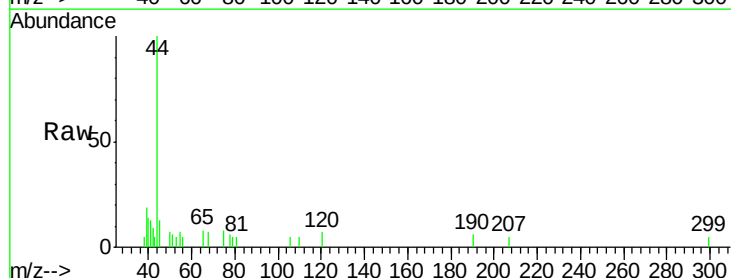
Acq: 12 Feb 2019 14:53

Tgt Ion: 50 Resp: 218

Ion Ratio Lower Upper

50 100

52 0.0 24.6 36.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

250

200

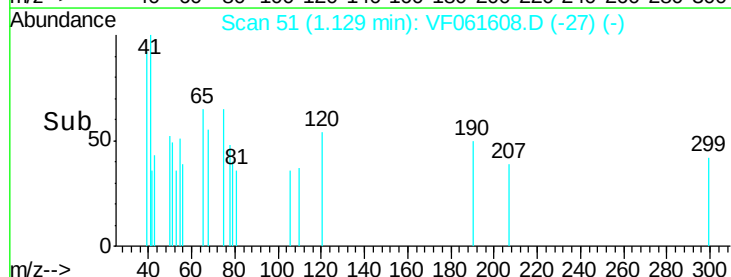
150

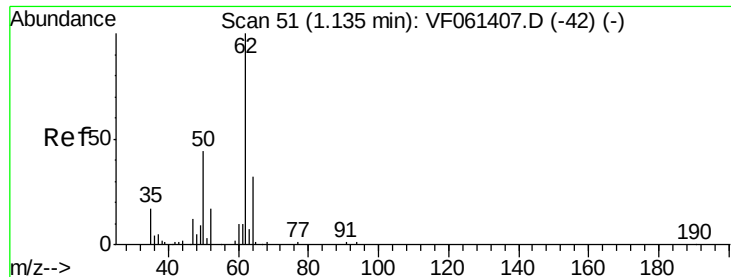
100

50

0

Time--> 1.10 1.12 1.14 1.16





#4

Vinyl Chloride

Concen: 118.070 ug/l

RT: 1.20 min Scan# 58

Delta R.T. 0.06 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

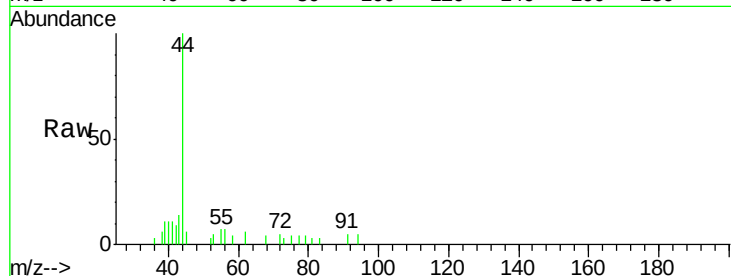
JC-02-021119-B

Tot Ion: 62 Resp: 115

Ion Ratio Lower Upper

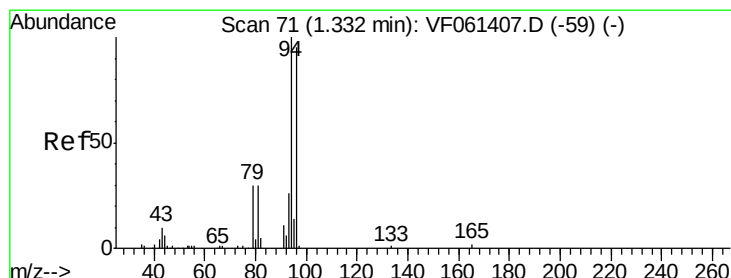
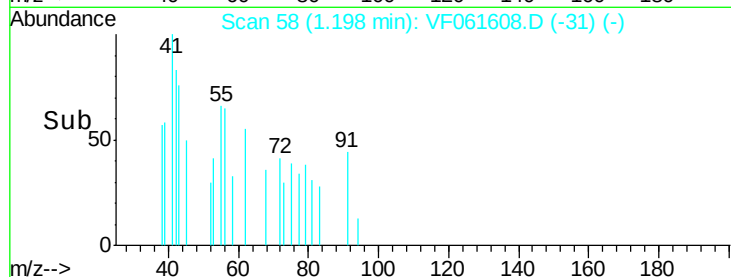
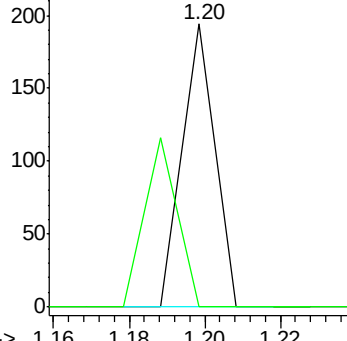
62 100

64 0.0 25.6 38.4#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



#5

Bromomethane

Concen: 1513.054 ug/l

RT: 1.34 min Scan# 72

Delta R.T. 0.00 min

Lab File: VF061608.D

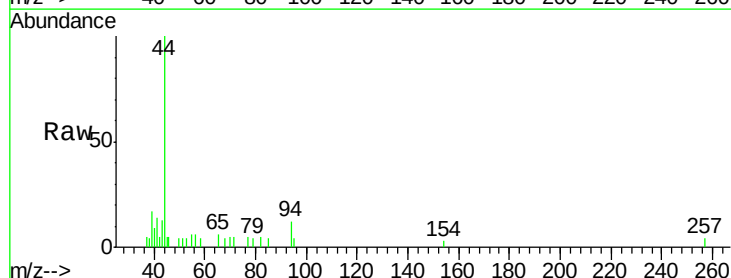
Acq: 12 Feb 2019 14:53

Tgt Ion: 94 Resp: 961

Ion Ratio Lower Upper

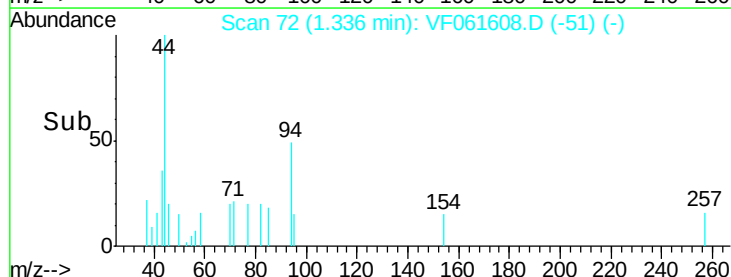
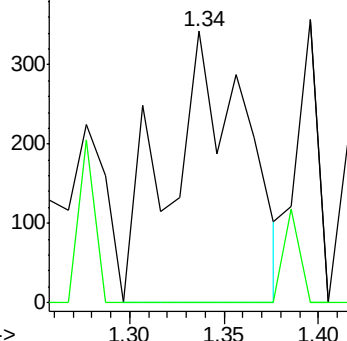
94 100

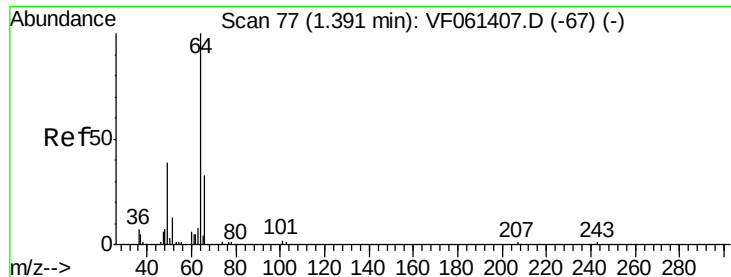
96 0.0 76.0 114.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#6

Chloroethane

Concen: 150.608 ug/l

RT: 1.40 min Scan# 78

Delta R.T. 0.00 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

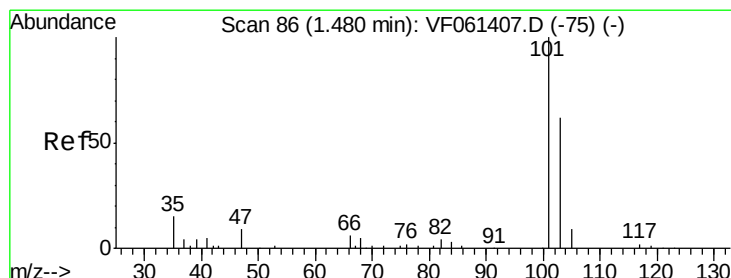
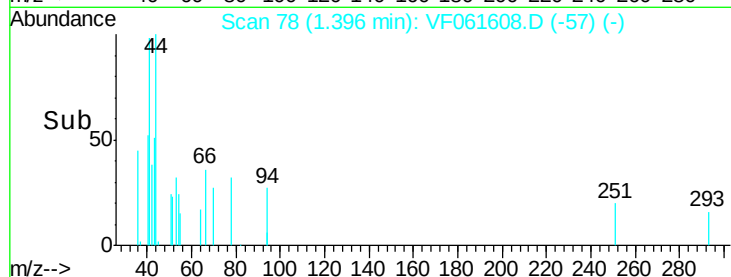
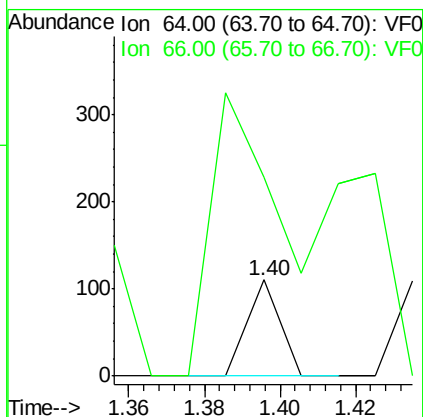
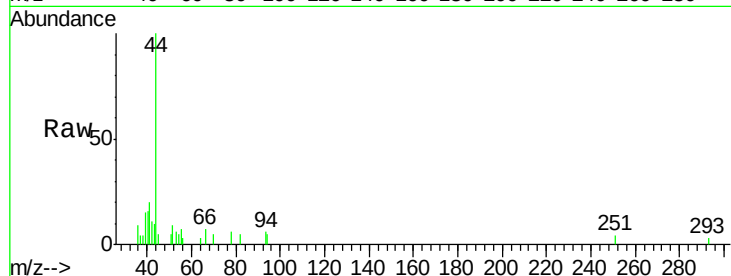
JC-02-021119-B

Tot Ion: 64 Resp: 65

Ion Ratio Lower Upper

64 100

66 208.2 26.6 40.0#



#7

Trichlorofluoromethane

Concen: 35.384 ug/l

RT: 1.46 min Scan# 85

Delta R.T. -0.02 min

Lab File: VF061608.D

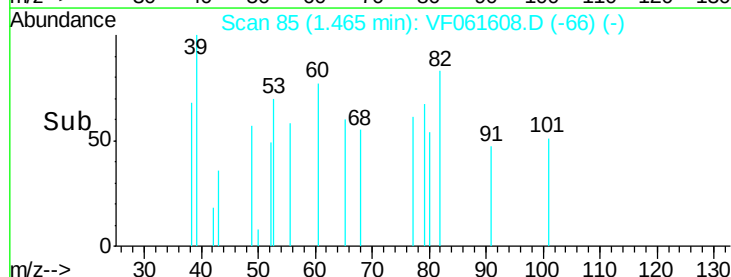
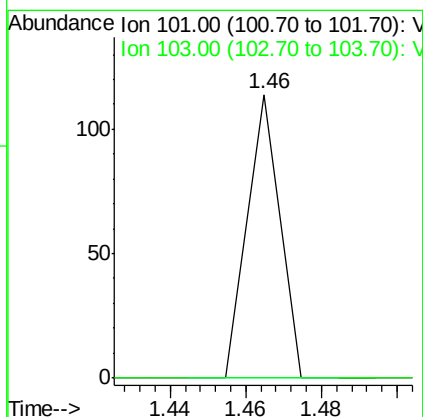
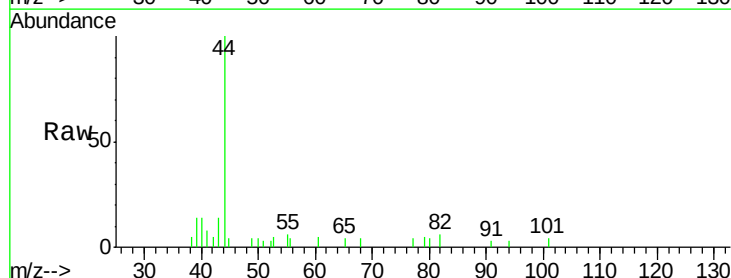
Acq: 12 Feb 2019 14:53

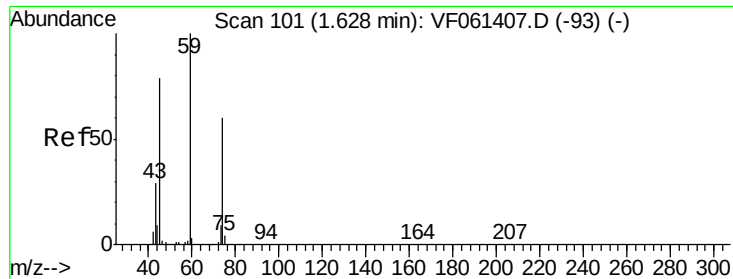
Tgt Ion: 101 Resp: 67

Ion Ratio Lower Upper

101 100

103 0.0 49.7 74.5#





#8

Diethyl Ether

Concen: 333.853 ug/l

RT: 1.68 min Scan# 107

Delta R.T. 0.05 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

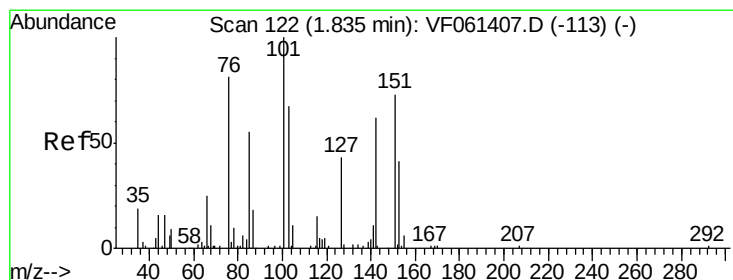
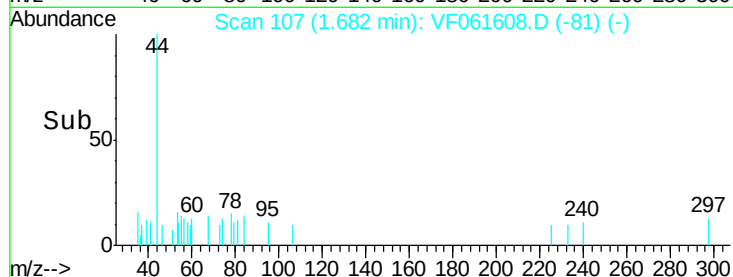
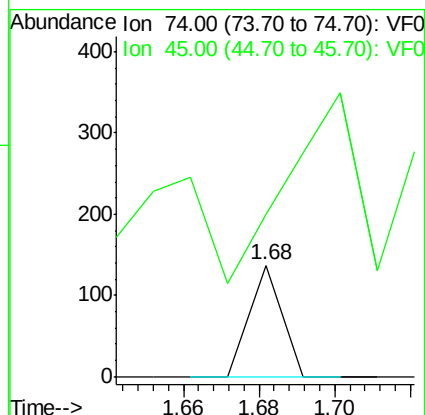
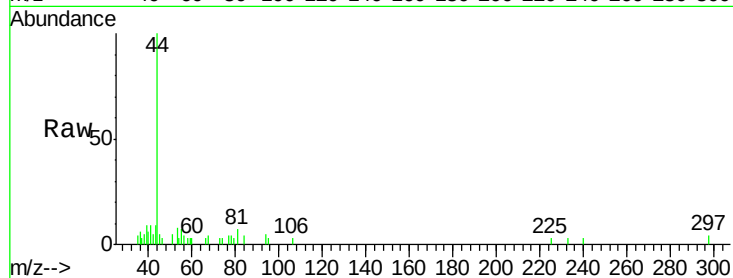
JC-02-021119-B

Tot Ion: 74 Resp: 81

Ion Ratio Lower Upper

74 100

45 146.0 65.8 197.5



#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.046 ug/l

RT: 1.77 min Scan# 116

Delta R.T. -0.06 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

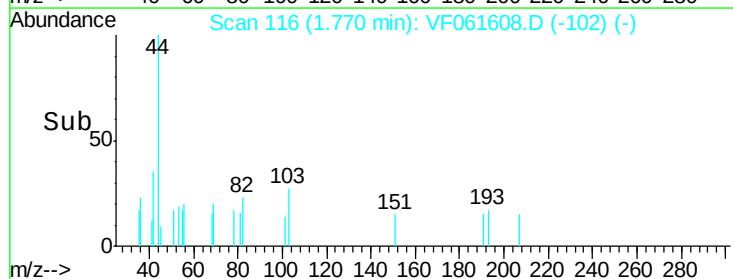
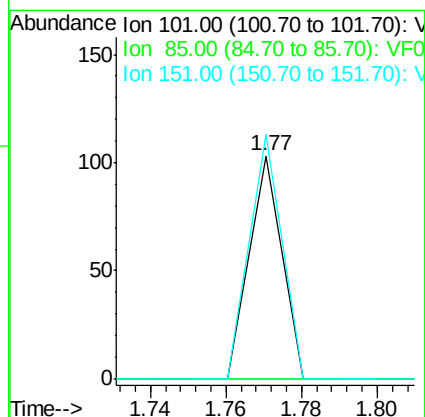
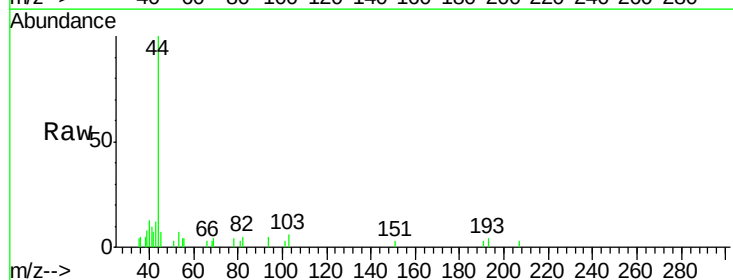
Tgt Ion: 101 Resp: 61

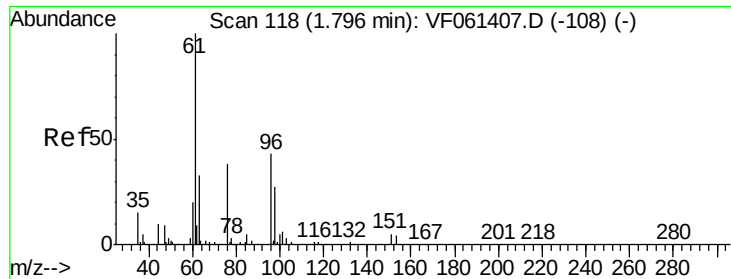
Ion Ratio Lower Upper

101 100

85 0.0 41.9 62.9#

151 109.7 55.1 82.7#





#12

1,1-Dichloroethene

Concen: 149.421 ug/l

RT: 1.81 min Scan# 120

Delta R.T. 0.01 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-B

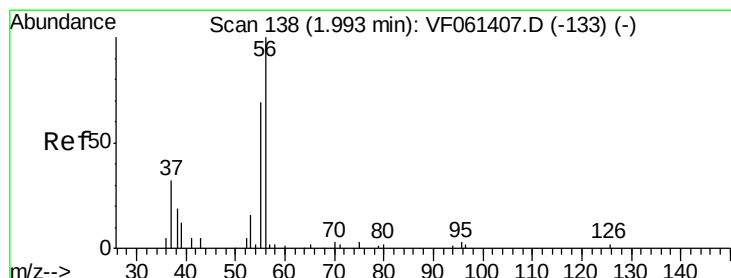
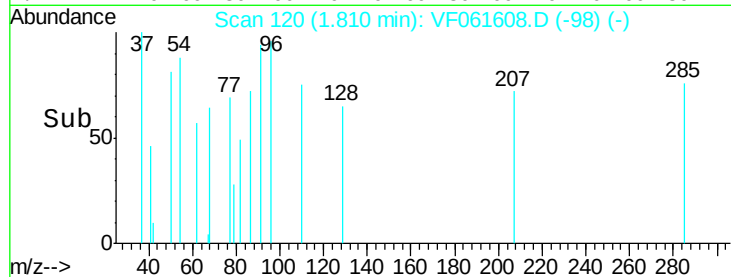
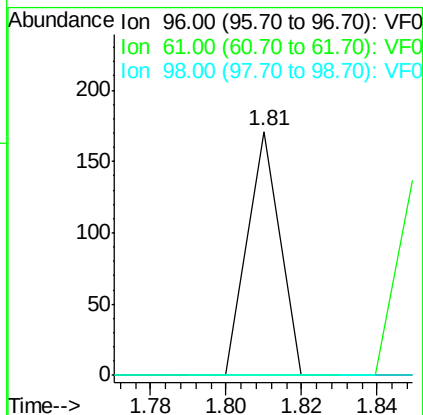
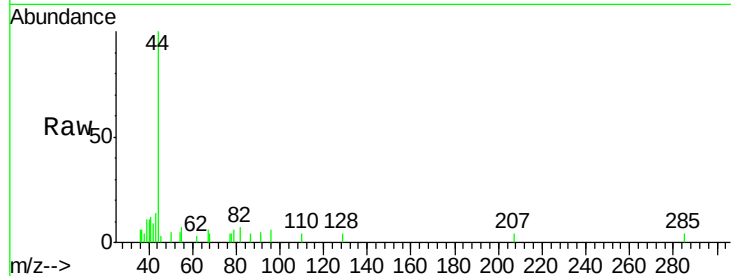
Tot Ion: 96 Resp: 101

Ion Ratio Lower Upper

96 100

61 0.0 186.9 280.3#

98 0.0 53.0 79.4#



#13

Acrolein

Concen: 11695.679 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.10 min

Lab File: VF061608.D

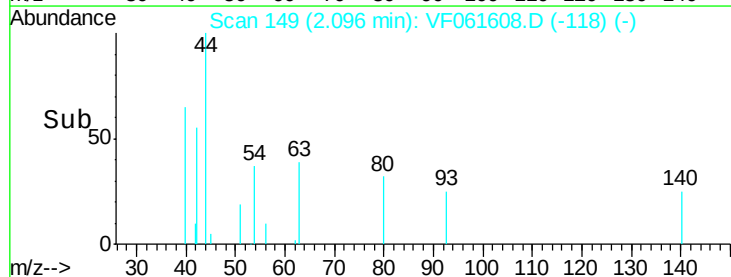
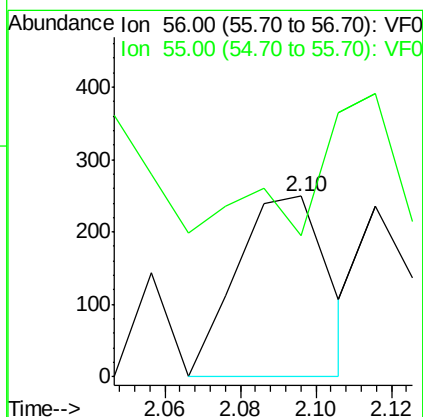
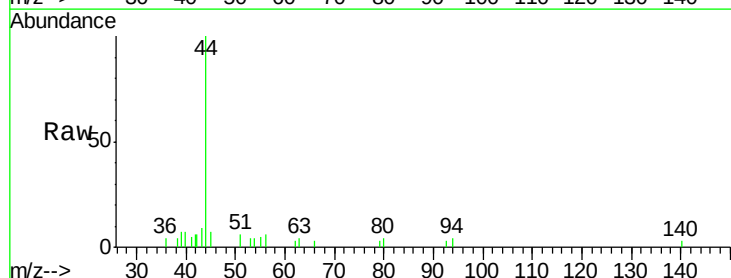
Acq: 12 Feb 2019 14:53

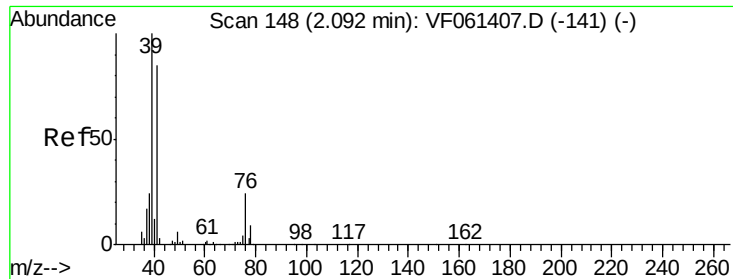
Tgt Ion: 56 Resp: 417

Ion Ratio Lower Upper

56 100

55 78.3 57.5 86.3

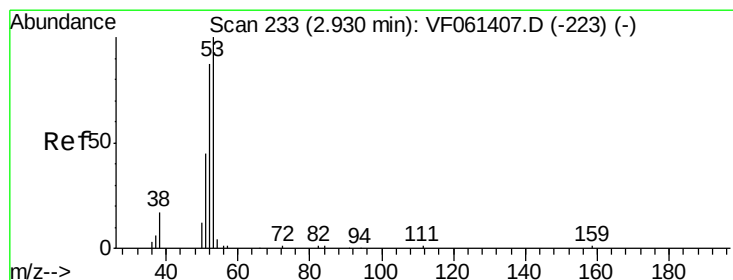
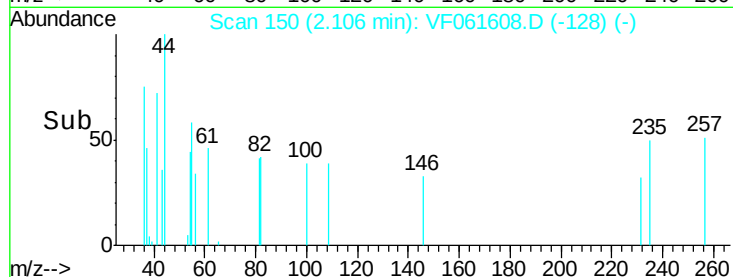
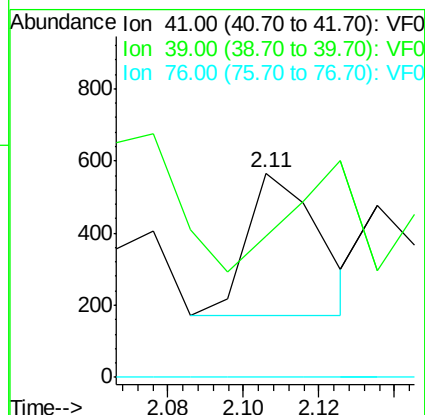
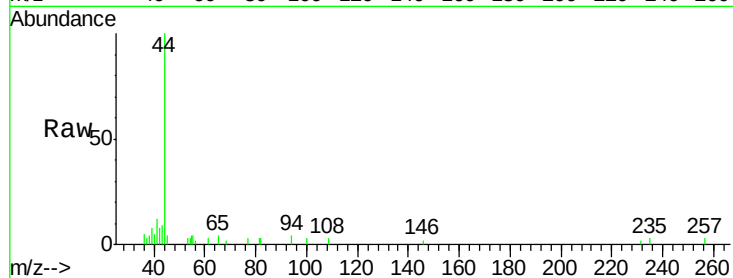




#14
 Allvl chloride
 Concen: 288.463 ug/l
 RT: 2.11 min Scan# 150
 Delta R.T. 0.01 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

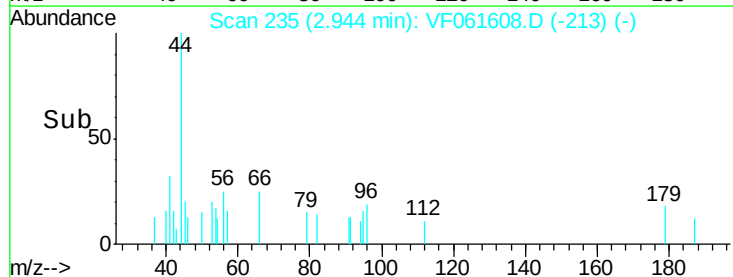
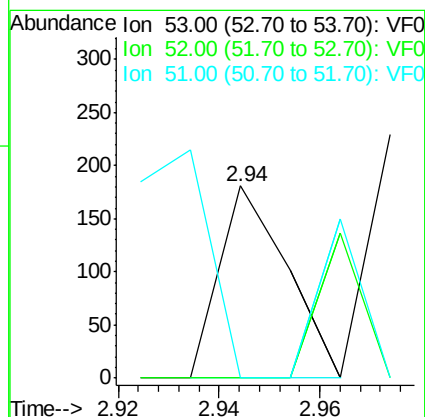
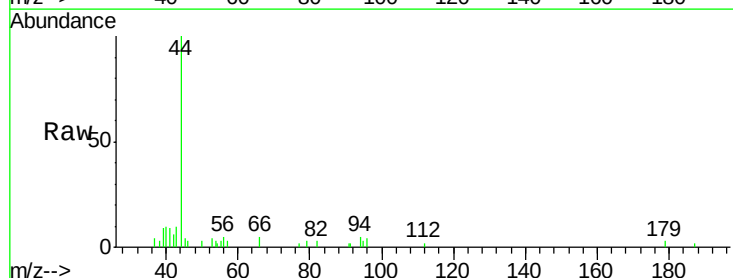
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-B

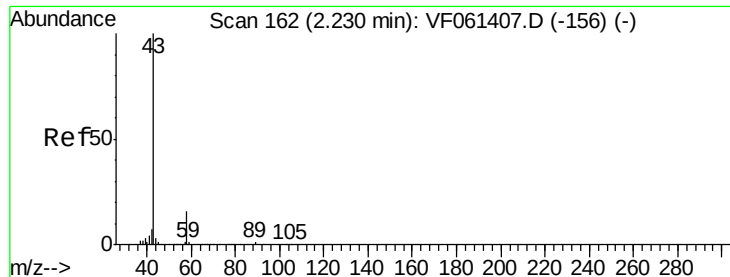
Tot Ion: 41 Resp: 524
 Ion Ratio Lower Upper
 41 100
 39 69.3 94.6 141.8#
 76 0.0 25.9 38.9#



#15
 Acrylonitrile
 Concen: 1641.506 ug/l
 RT: 2.94 min Scan# 235
 Delta R.T. 0.01 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

Tgt Ion: 53 Resp: 167
 Ion Ratio Lower Upper
 53 100
 52 0.0 69.6 104.4#
 51 0.0 36.8 55.2#





#16

Acetone

Concen: 1832.790 ug/l

RT: 2.38 min Scan# 178

Delta R.T. 0.15 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

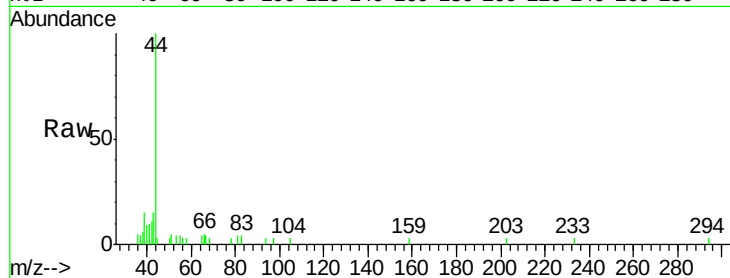
JC-02-021119-B

Tot Ion: 43 Resp: 345

Ion Ratio Lower Upper

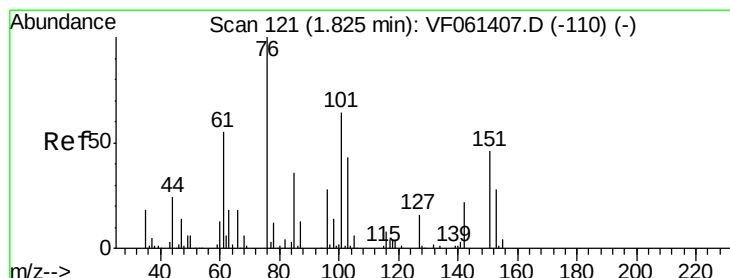
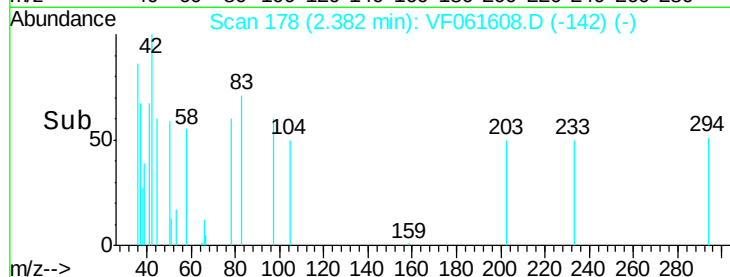
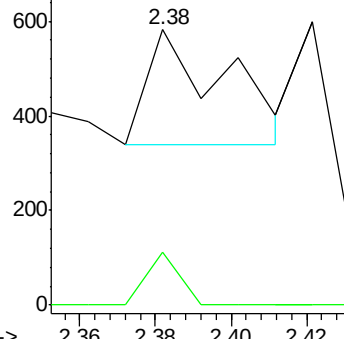
43 100

58 19.1 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#17

Carbon Disulfide

Concen: 39.381 ug/l

RT: 1.79 min Scan# 118

Delta R.T. -0.04 min

Lab File: VF061608.D

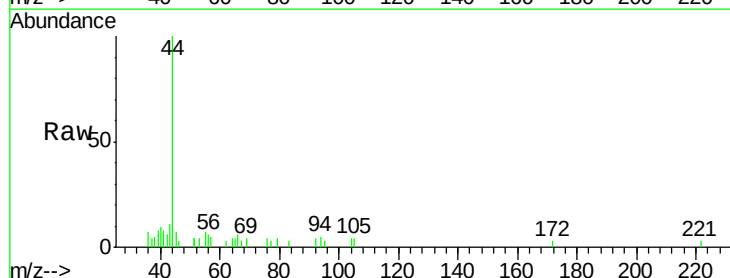
Acq: 12 Feb 2019 14:53

Tgt Ion: 76 Resp: 83

Ion Ratio Lower Upper

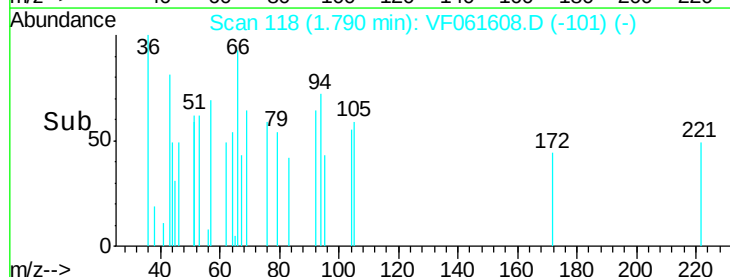
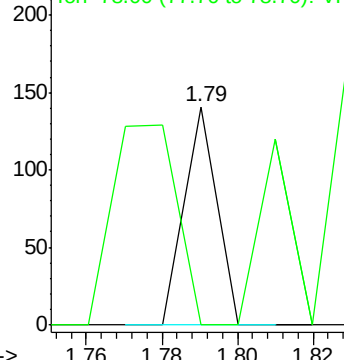
76 100

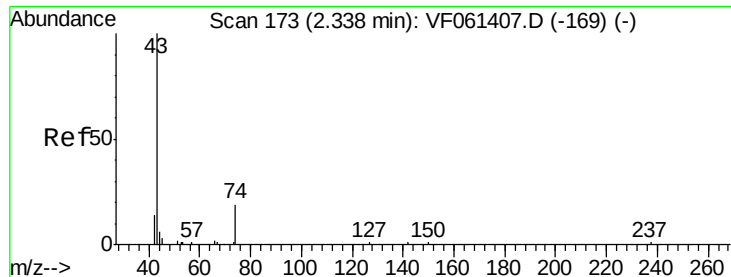
78 0.0 9.6 14.4#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

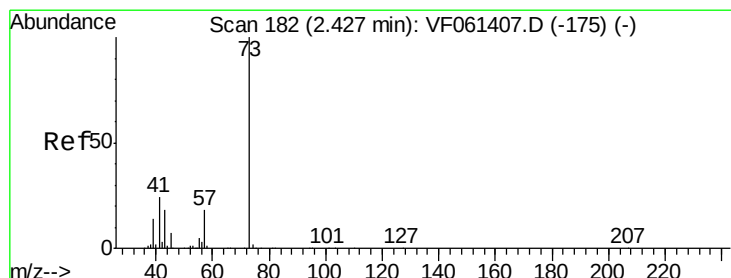
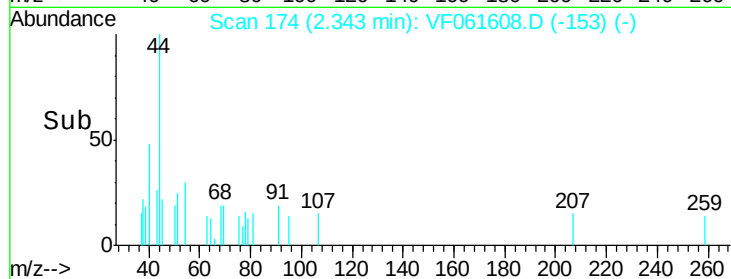
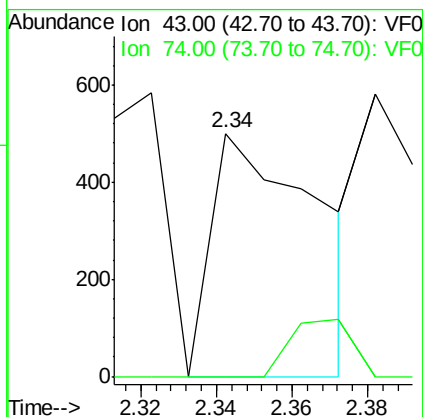
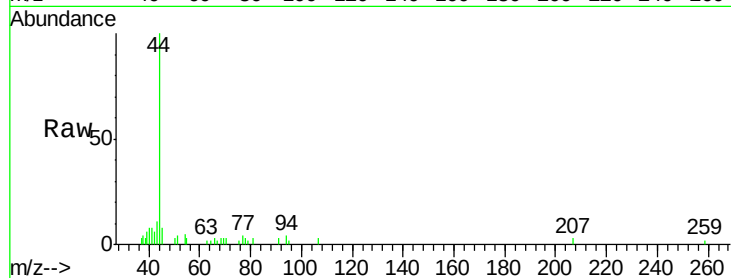




#18
Methyl Acetate
Concen: 2590.378 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

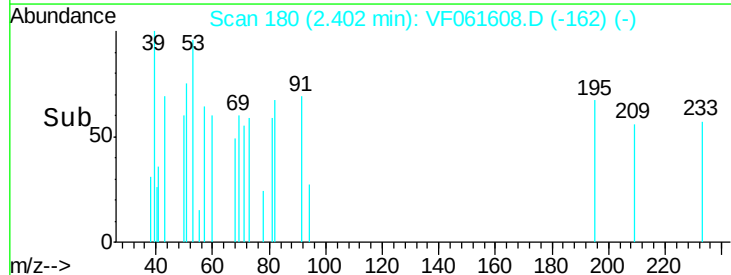
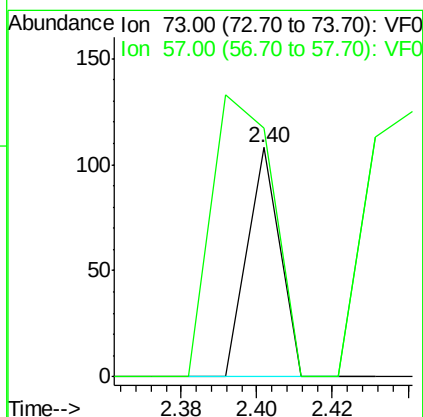
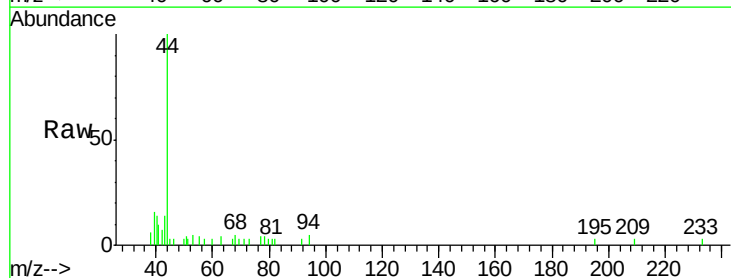
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-B

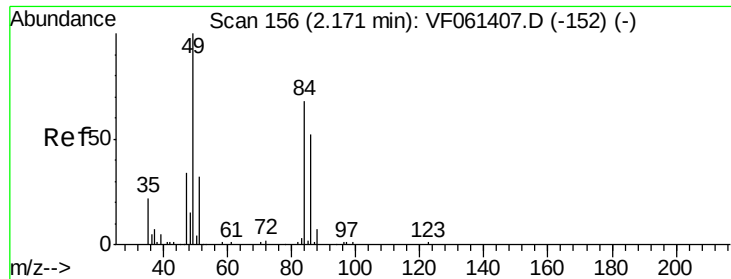
Tot Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
74 0.0 13.4 20.0#



#19
Methyl tert-butyl Ether
Concen: 42.237 ug/l
RT: 2.40 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

Tgt Ion: 73 Resp: 64
Ion Ratio Lower Upper
73 100
57 108.3 14.8 22.2#

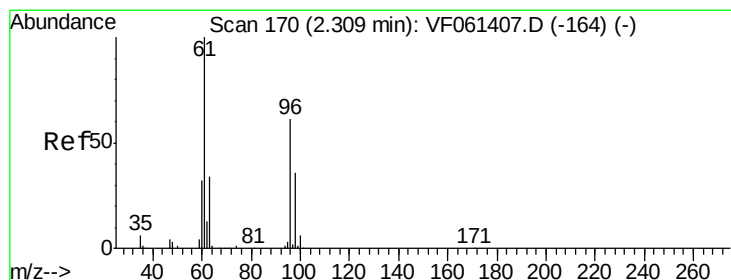
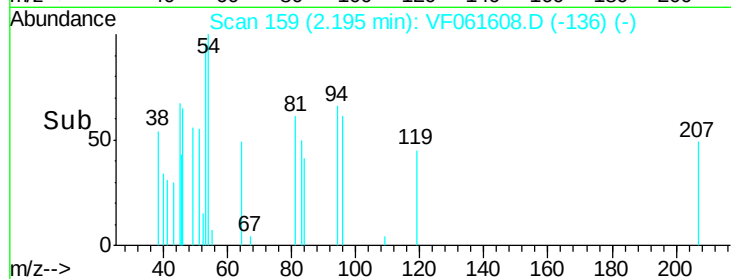
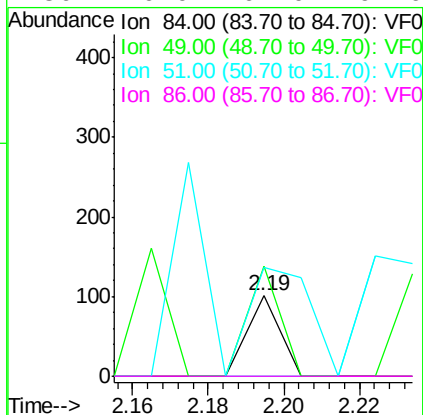
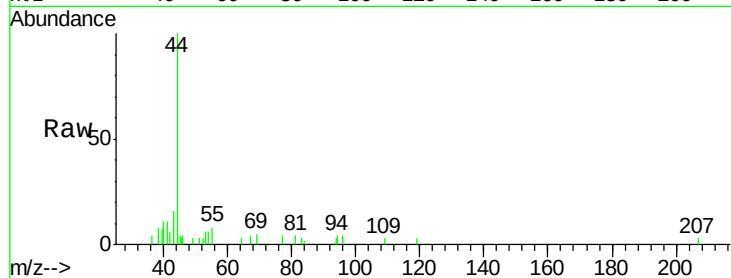




#20
Methylene Chloride
Concen: 95.499 ug/l
RT: 2.19 min Scan# 159
Delta R.T. 0.02 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

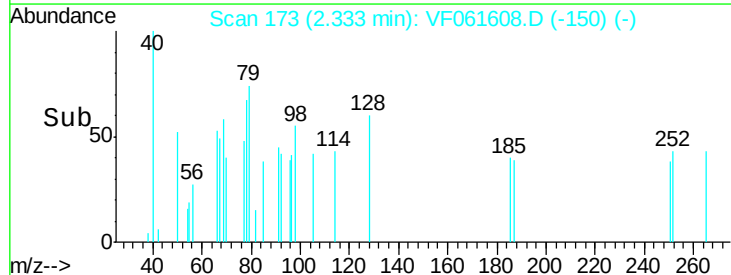
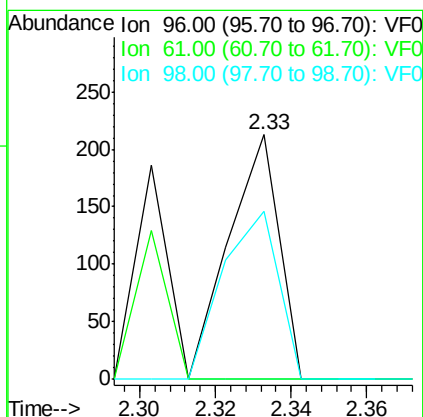
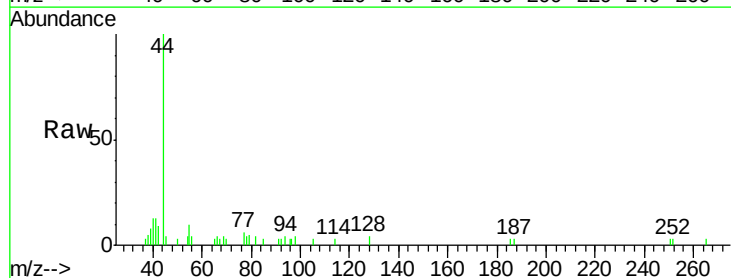
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-B

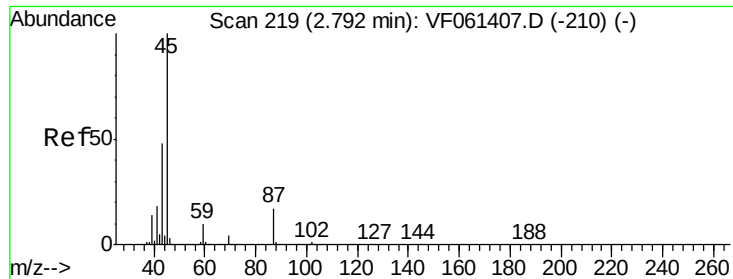
Tot Ion: 84 Resp: 60
Ion Ratio Lower Upper
84 100
49 137.6 120.0 180.0
51 134.7 38.6 58.0#
86 0.0 61.0 91.6#



#21
trans-1,2-Dichloroethene
Concen: 260.859 ug/l
RT: 2.33 min Scan# 173
Delta R.T. 0.02 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

Tgt Ion: 96 Resp: 194
Ion Ratio Lower Upper
96 100
61 0.0 131.8 197.8#
98 68.5 47.4 71.0

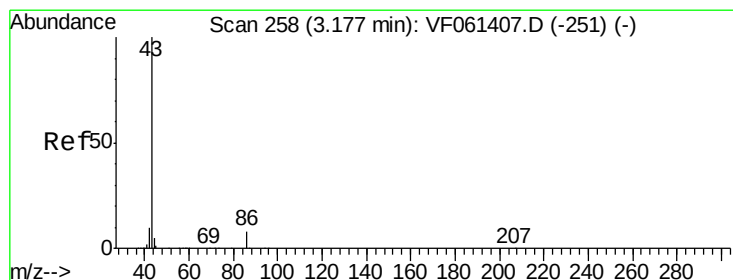
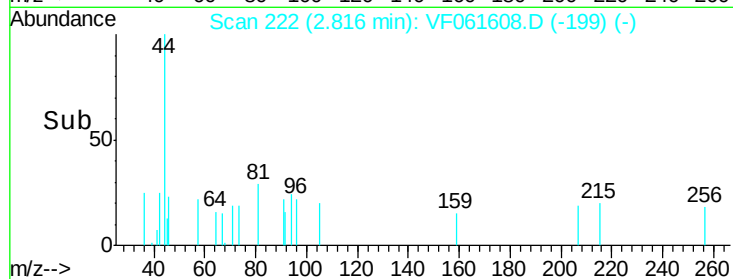
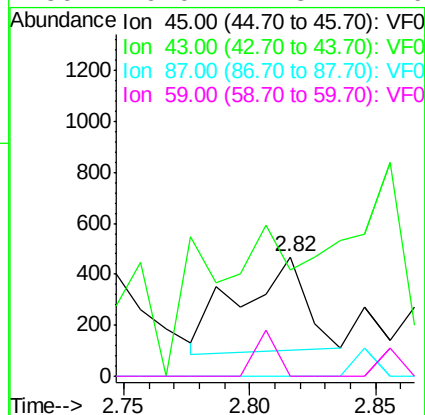
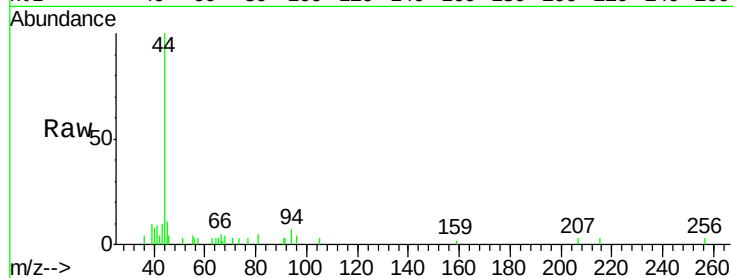




#22
Diisopropyl ether
Concen: 278.951 ug/l
RT: 2.82 min Scan# 222
Delta R.T. 0.02 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

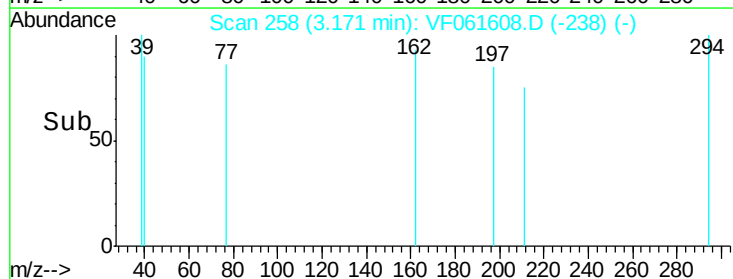
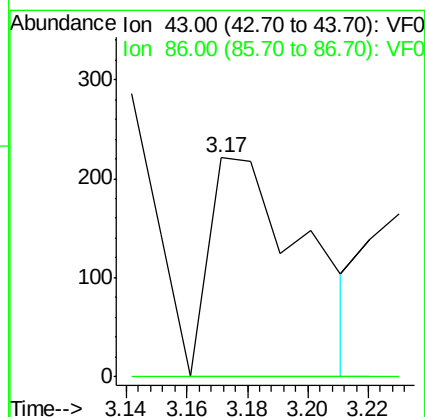
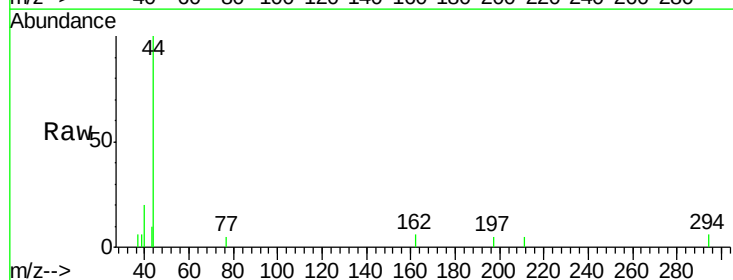
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-B

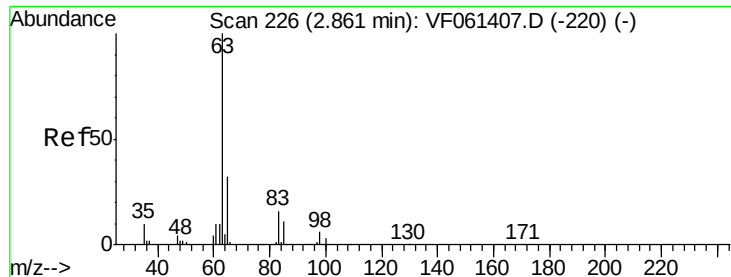
Tot Ion: 45 Resp: 671
Ion Ratio Lower Upper
45 100
43 89.5 39.0 58.6#
87 0.0 13.9 20.9#
59 0.0 7.8 11.6#



#23
Vinyl Acetate
Concen: 452.936 ug/l
RT: 3.17 min Scan# 258
Delta R.T. -0.00 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
86 0.0 6.2 9.4#





#24

1,1-Dichloroethane

Concen: 99.356 ug/l

RT: 2.89 min Scan# 230

Delta R.T. 0.03 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-B

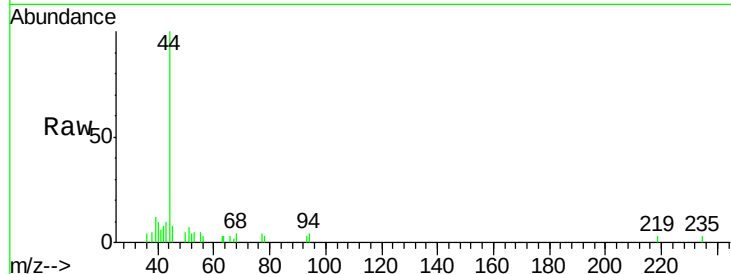
Tot Ion: 63 Resp: 150

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

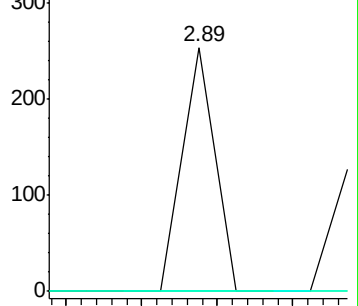
100 0.0 1.6 4.8#



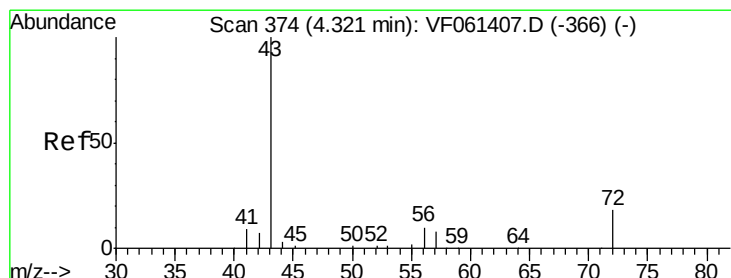
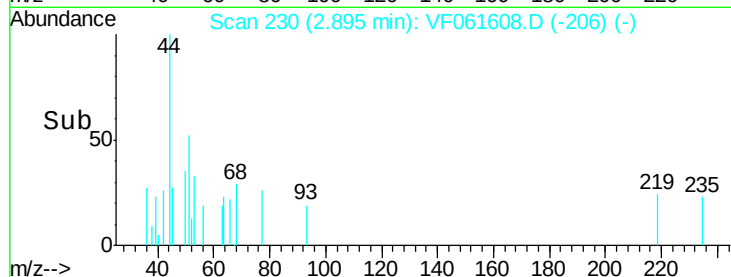
Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#25

2-Butanone

Concen: 383.349 ug/l

RT: 4.39 min Scan# 382

Delta R.T. 0.07 min

Lab File: VF061608.D

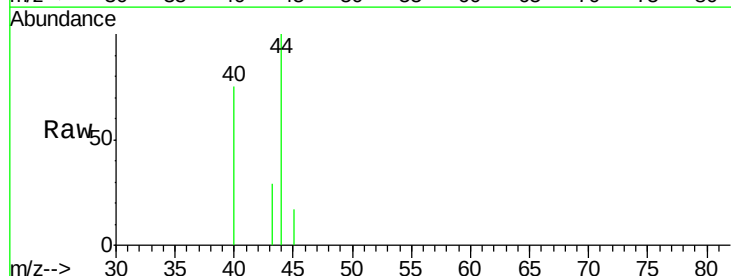
Acq: 12 Feb 2019 14:53

Tgt Ion: 43 Resp: 120

Ion Ratio Lower Upper

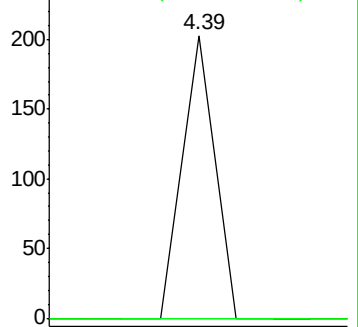
43 100

72 0.0 15.8 23.6#

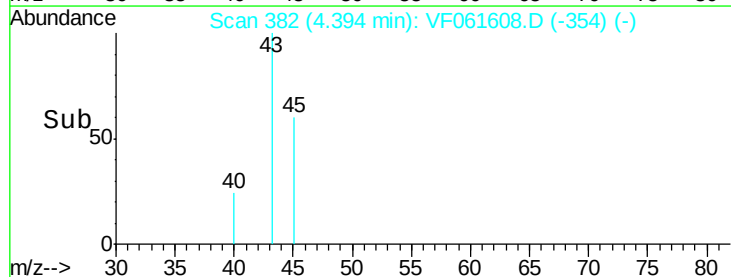


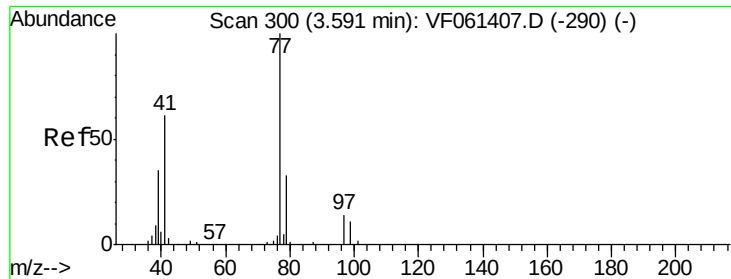
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



Time-->





#26

2,2-Dichloropropane

Concen: 112.122 ug/l

RT: 3.56 min Scan# 297

Delta R.T. -0.03 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

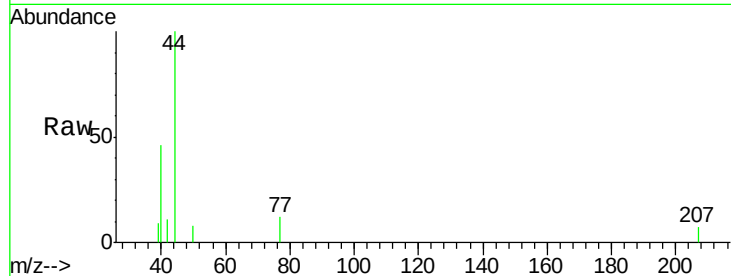
JC-02-021119-B

Tot Ion: 77 Resp: 104

Ion Ratio Lower Upper

77 100

97 0.0 8.5 25.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.56

150

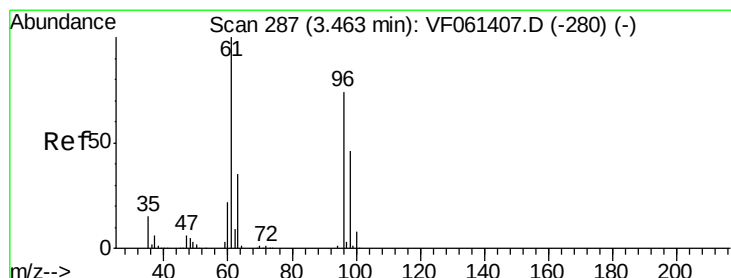
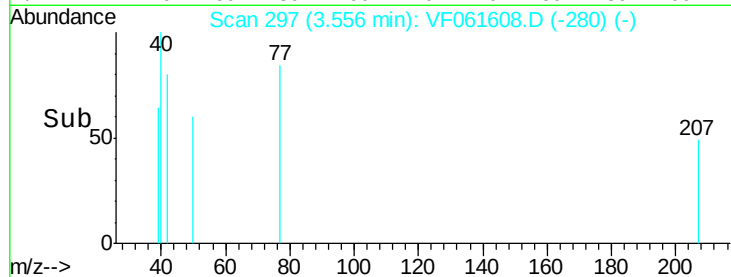
100

50

0

3.52 3.54 3.56 3.58

Time-->



#27

cis-1,2-Dichloroethene

Concen: 56.476 ug/l

RT: 3.49 min Scan# 290

Delta R.T. 0.02 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

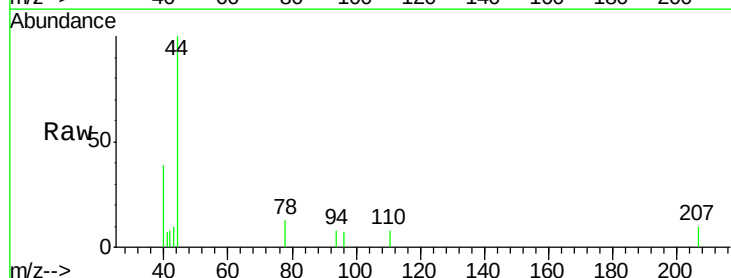
Tgt Ion: 96 Resp: 62

Ion Ratio Lower Upper

96 100

61 0.0 0.0 270.2

98 0.0 0.0 124.0



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

3.49

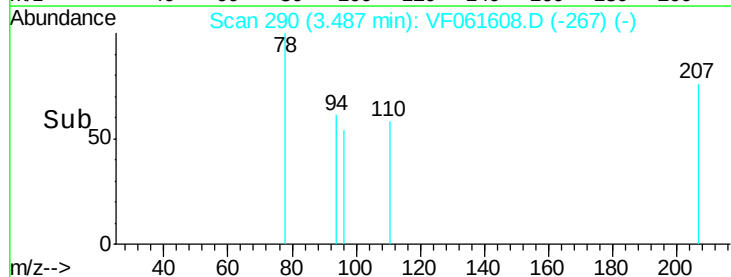
100

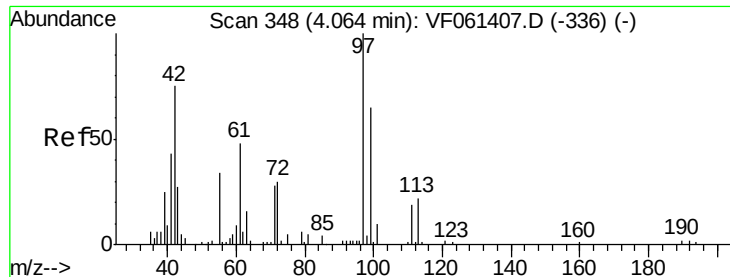
50

0

3.46 3.48 3.50 3.52

Time-->





#29

Tetrahydrofuran

Concen: 712.224 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.03 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-B

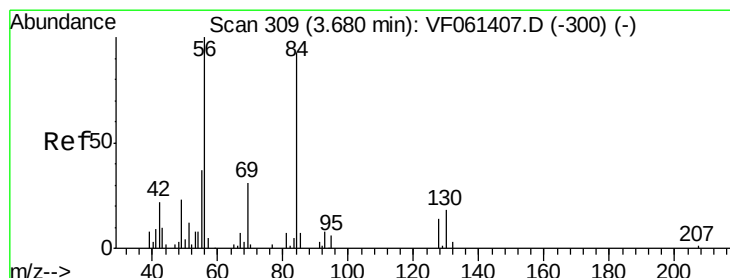
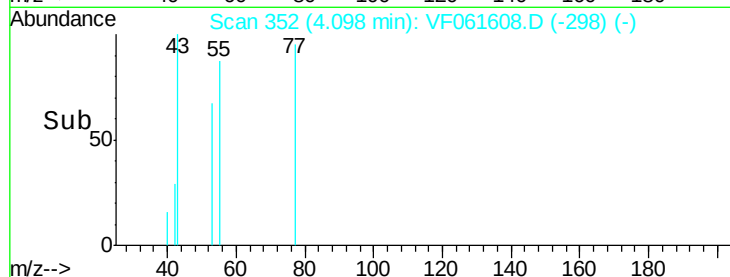
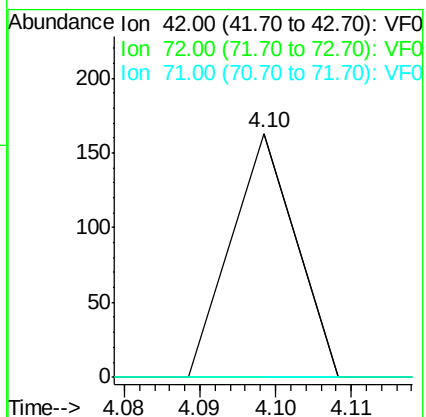
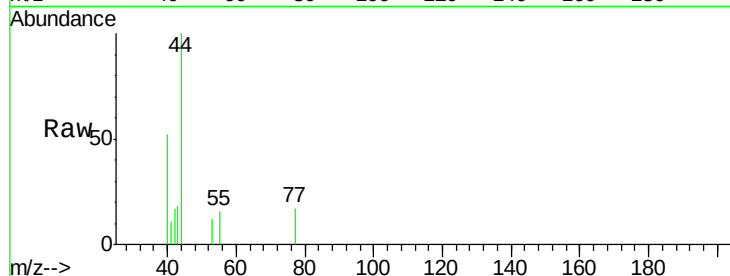
Tot Ion: 42 Resp: 96

Ion Ratio Lower Upper

42 100

72 0.0 28.9 43.3#

71 0.0 29.6 44.4#



#31

Cyclohexane

Concen: 46.417 ug/l

RT: 3.69 min Scan# 311

Delta R.T. 0.01 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

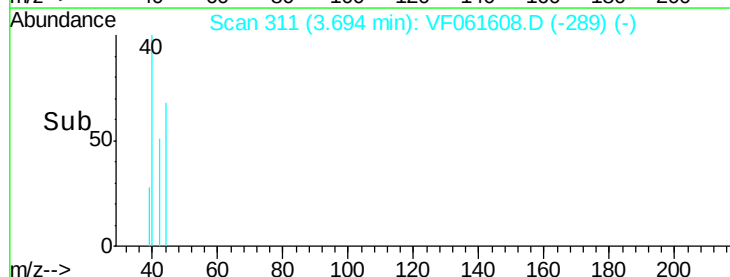
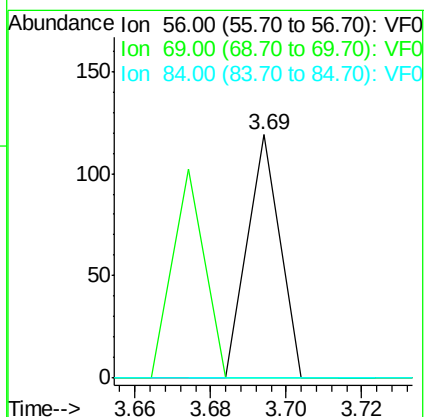
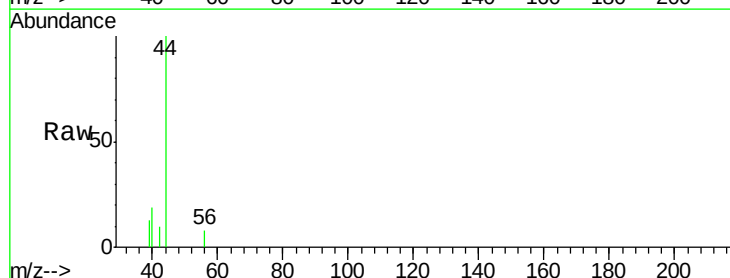
Tgt Ion: 56 Resp: 70

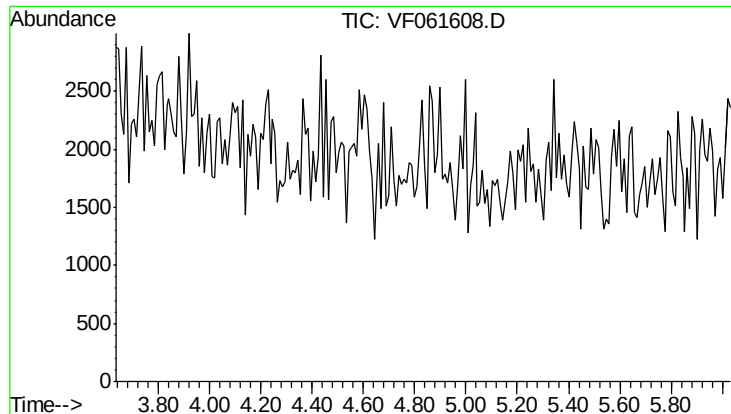
Ion Ratio Lower Upper

56 100

69 0.0 24.6 36.8#

84 0.0 74.2 111.2#

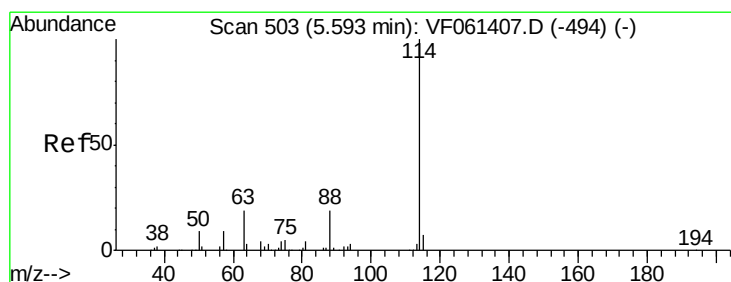
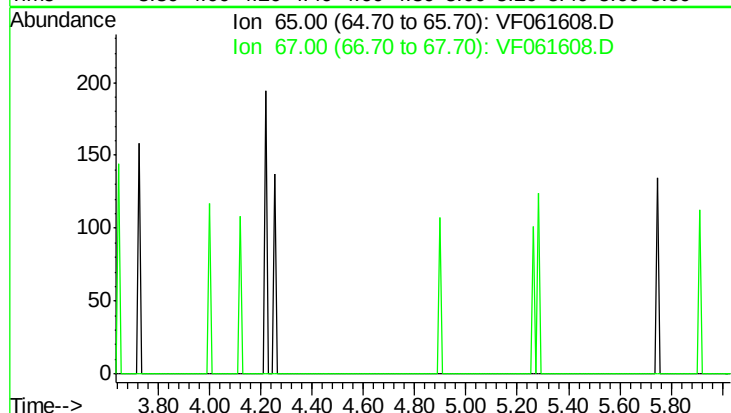




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 4.83 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

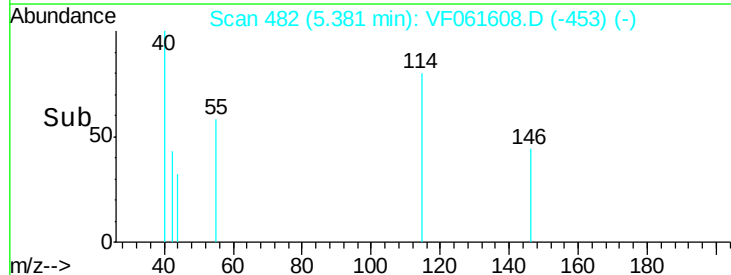
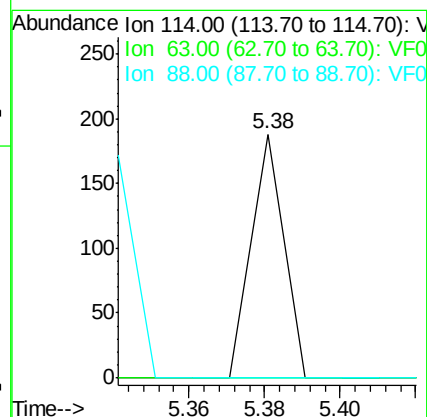
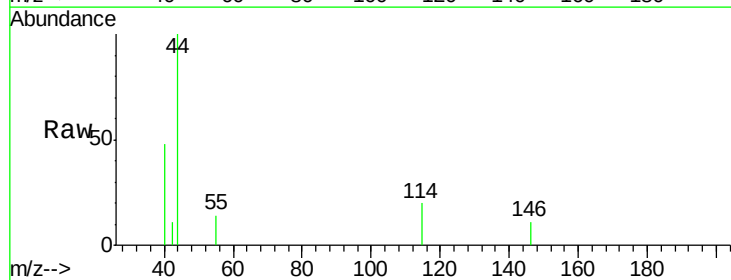
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-B

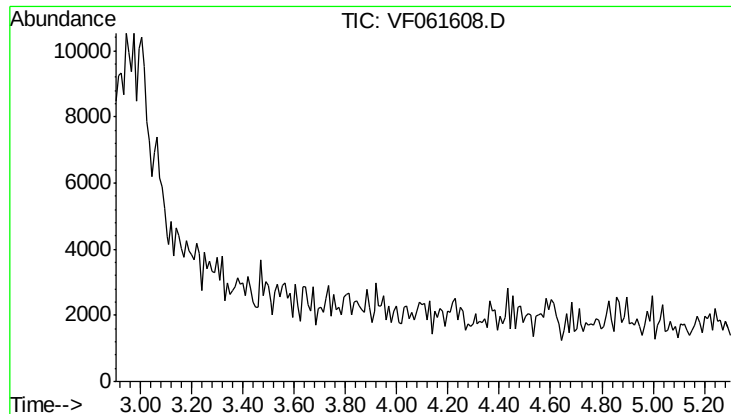
Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 49.9



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.38 min Scan# 482
 Delta R.T. -0.21 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

Tgt Ion:114 Resp: 111
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 39.0
 88 0.0 0.0 37.4

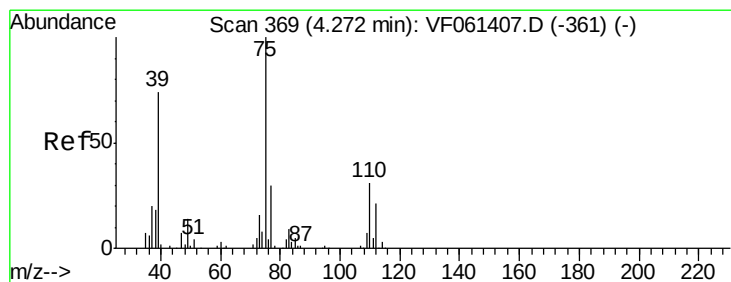
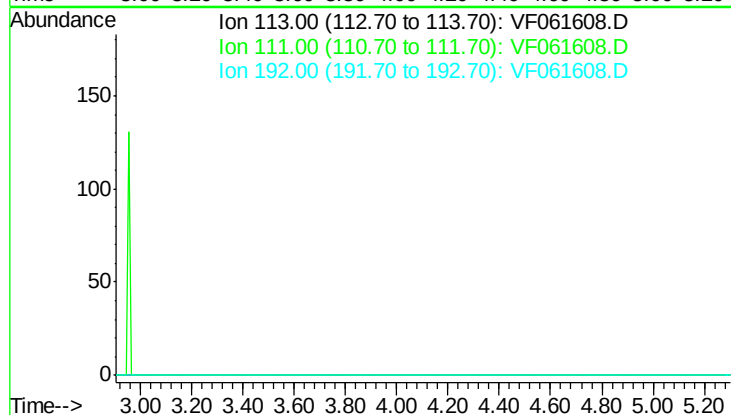




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.10 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

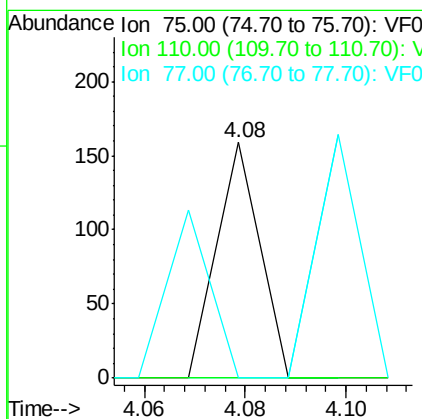
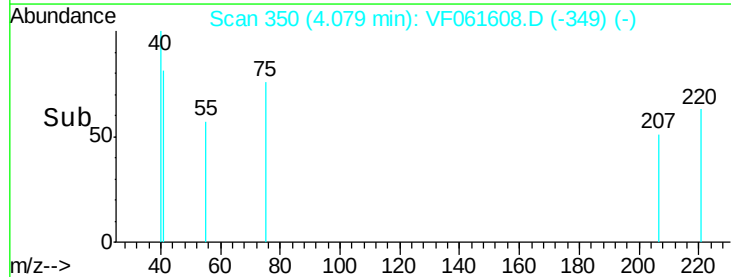
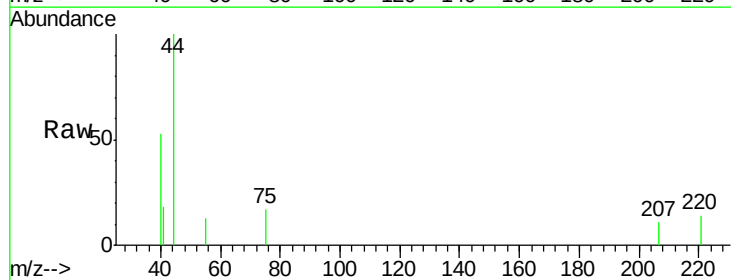
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-B

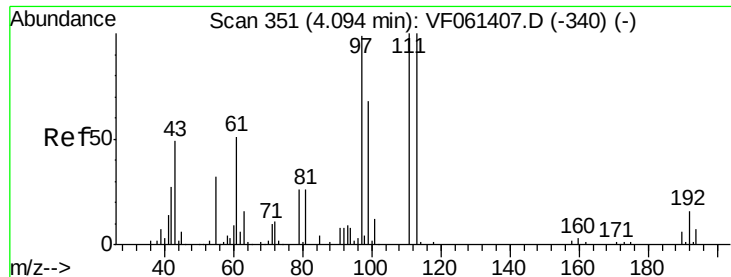
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 99.2
 192 15.5



#36
 1,1-Dichloropropene
 Concen: 73.039 ug/l
 RT: 4.08 min Scan# 350
 Delta R.T. -0.19 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

Tgt Ion: 75 Resp: 94
 Ion Ratio Lower Upper
 75 100
 110 0.0 15.8 47.3#
 77 0.0 24.0 36.0#

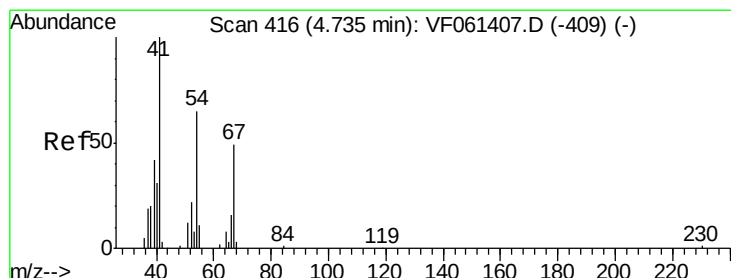
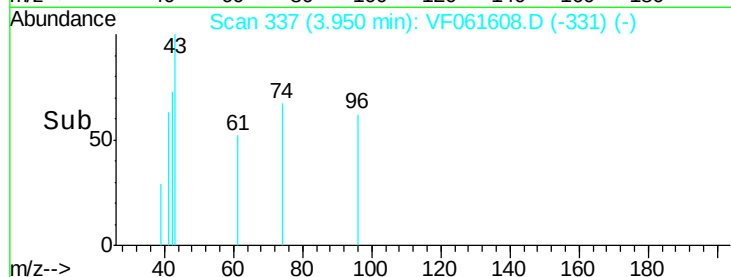
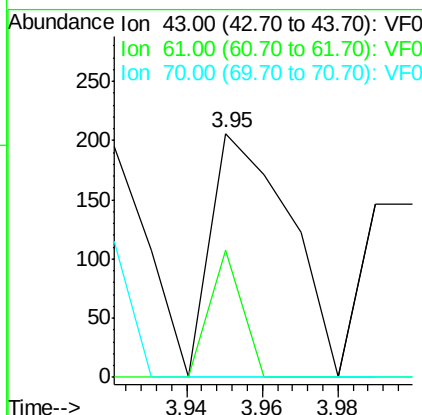
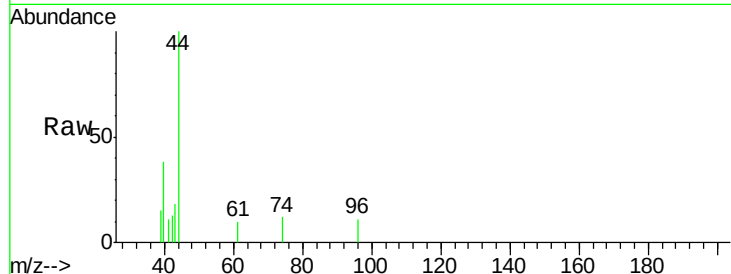




#37
Ethyl Acetate
Concen: 575.369 ug/l
RT: 3.95 min Scan# 337
Delta R.T. -0.14 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

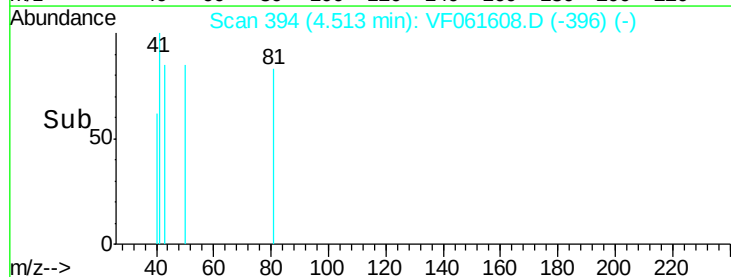
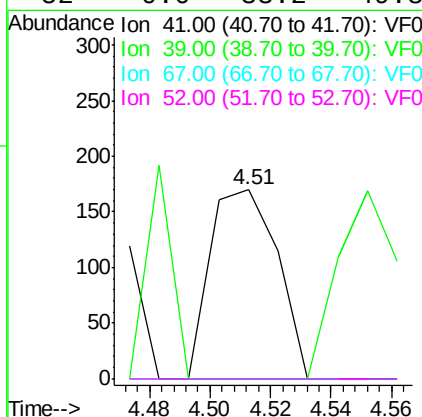
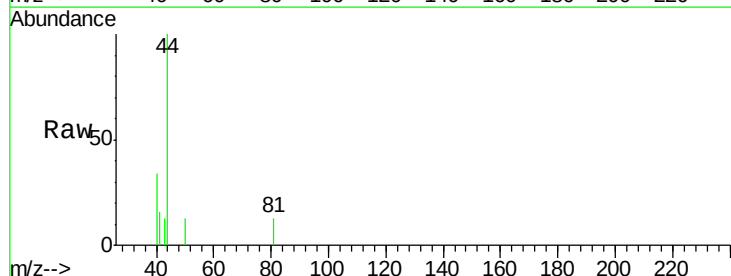
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-B

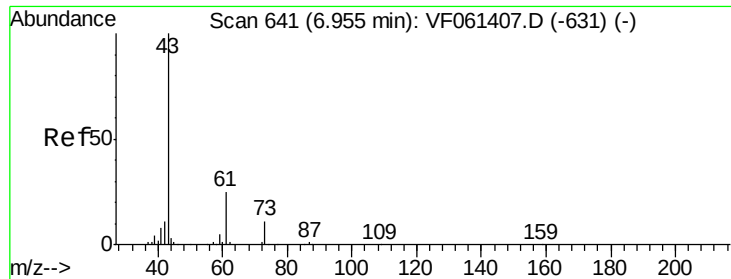
Tot Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
61 52.4 81.7 122.5#
70 0.0 6.2 9.2#



#41
Methacrylonitrile
Concen: 964.412 ug/l
RT: 4.51 min Scan# 394
Delta R.T. -0.22 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

Tgt Ion: 41 Resp: 264
Ion Ratio Lower Upper
41 100
39 0.0 43.1 64.7#
67 0.0 38.8 58.2#
52 0.0 33.2 49.8#

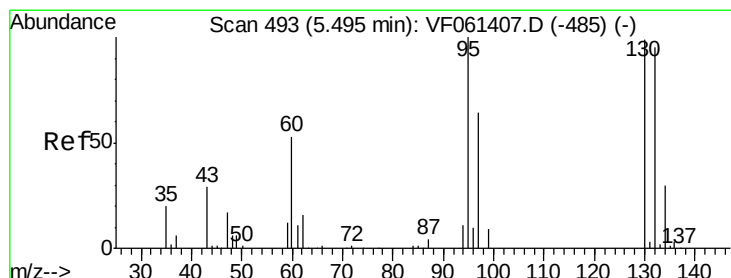
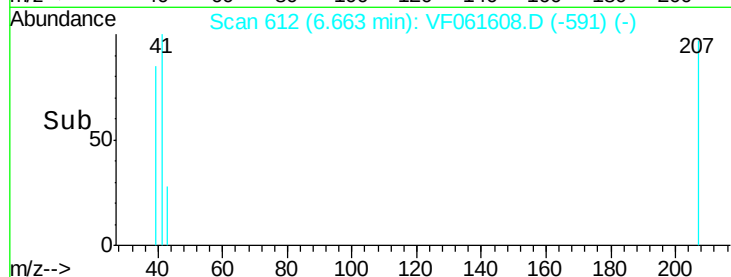
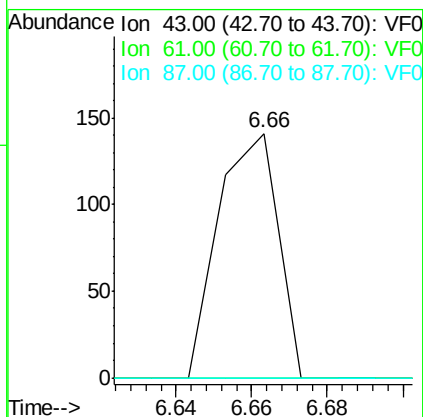
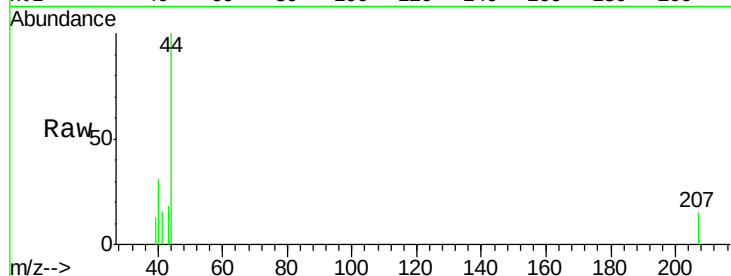




#43
Isopropyl Acetate
Concen: 236.962 ug/l
RT: 6.66 min Scan# 612
Delta R.T. -0.29 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

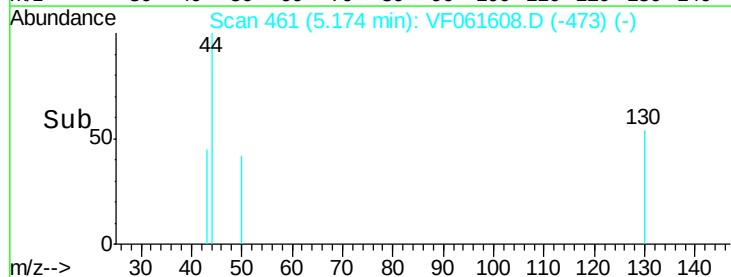
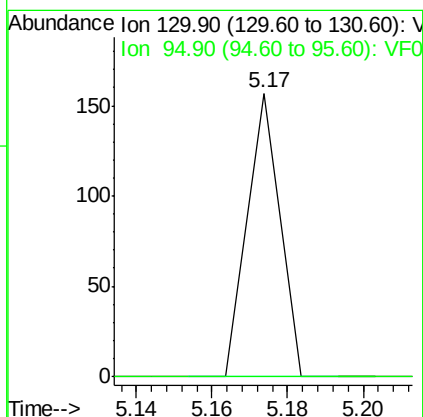
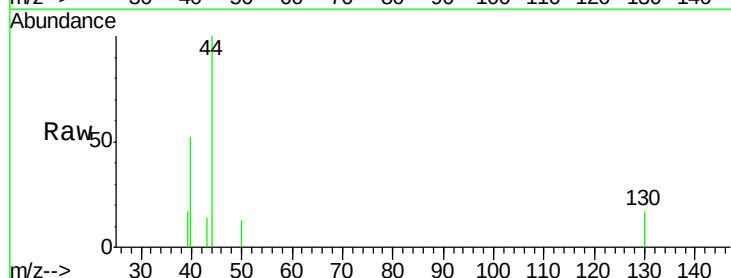
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-B

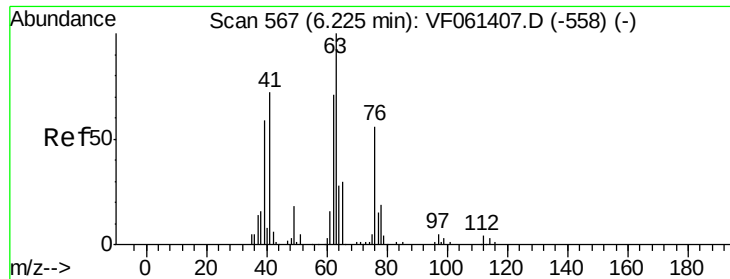
Tot Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
61 0.0 20.3 30.5#
87 0.0 0.5 0.7#



#44
Trichloroethene
Concen: 105.862 ug/l
RT: 5.17 min Scan# 461
Delta R.T. -0.32 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

Tgt Ion: 130 Resp: 93
Ion Ratio Lower Upper
130 100
95 0.0 0.0 202.8





#45

1,2-Dichloropropane

Concen: 83.820 ug/l

RT: 6.02 min Scan# 547

Delta R.T. -0.20 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

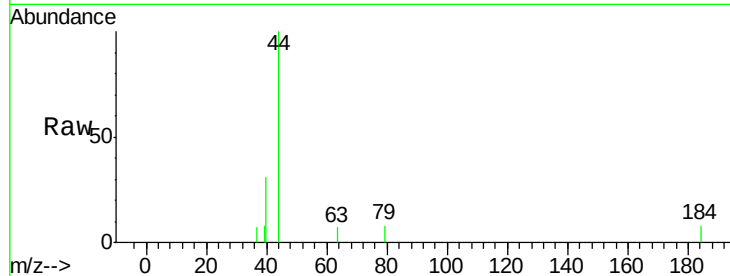
JC-02-021119-B

Tot Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.02

120

100

80

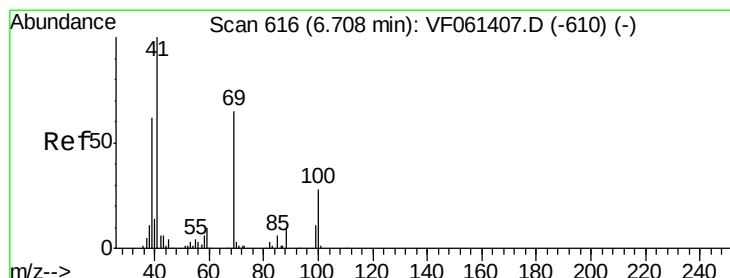
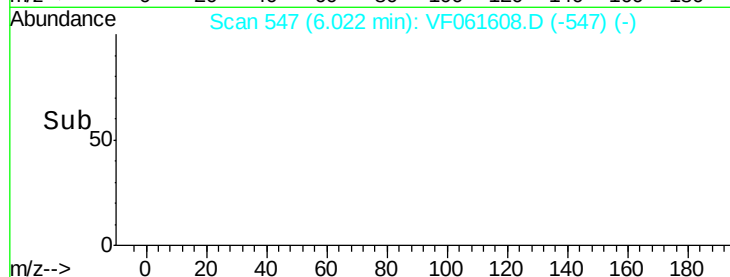
60

40

20

0

Time-->



#48

Methyl methacrylate

Concen: 191.433 ug/l

RT: 6.43 min Scan# 588

Delta R.T. -0.28 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

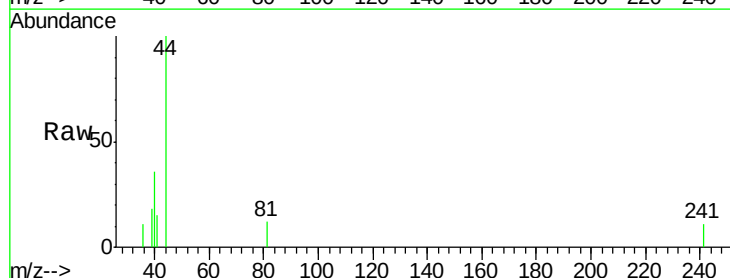
Tgt Ion: 41 Resp: 83

Ion Ratio Lower Upper

41 100

69 0.0 51.7 77.5#

39 121.4 49.2 73.8#



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

250

200

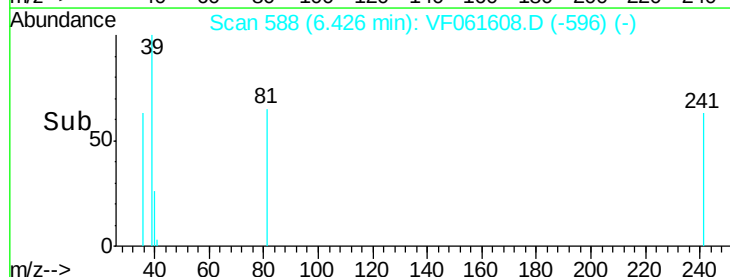
150

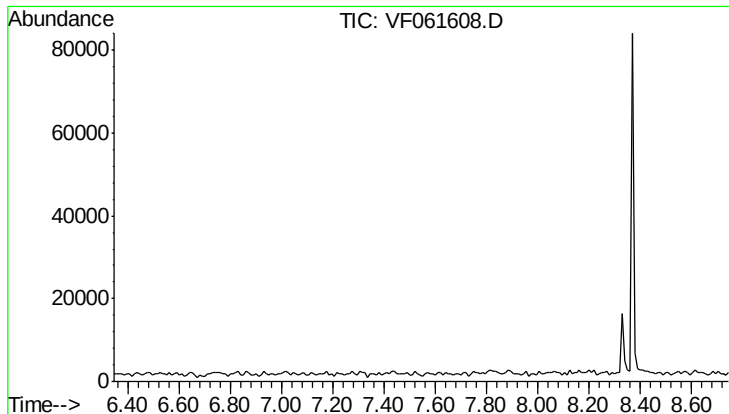
100

50

0

Time-->

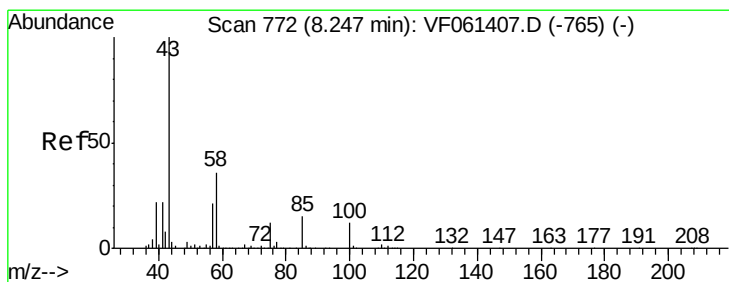
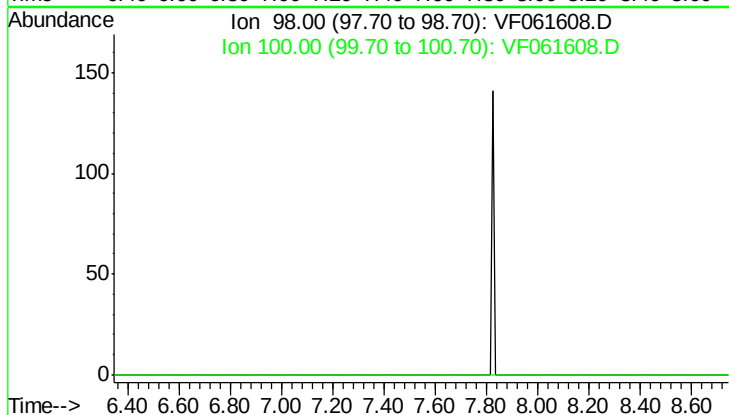




#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.55 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

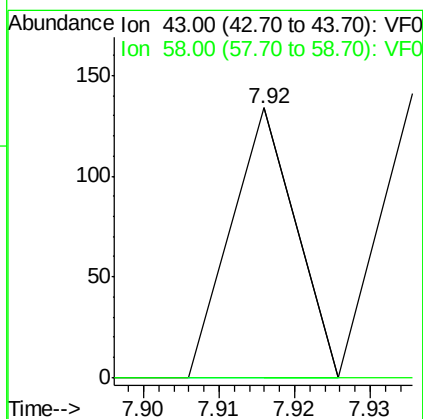
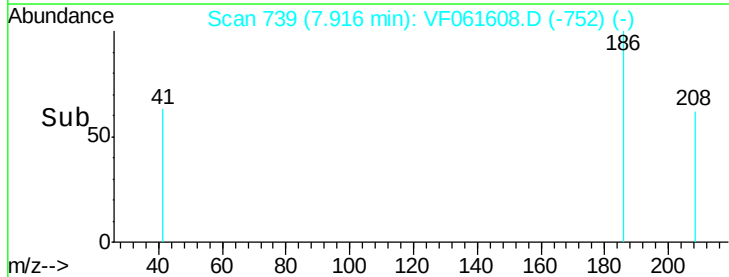
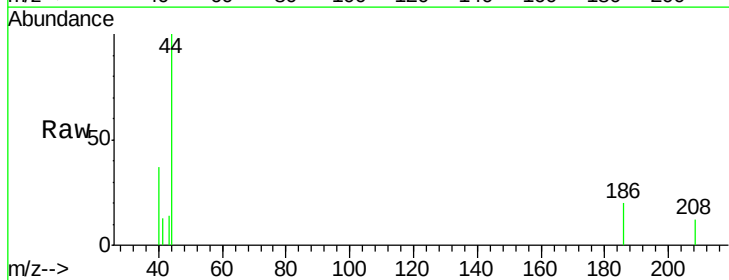
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-B

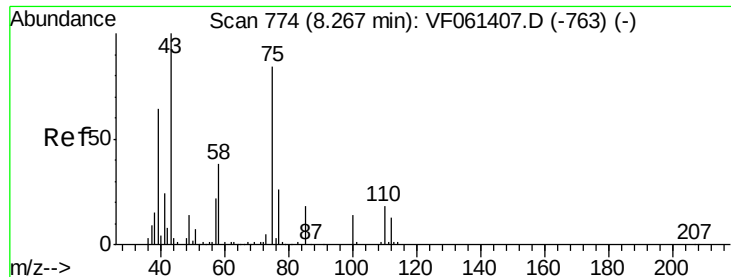
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5



#51
4-Methyl-2-Pentanone
Concen: 166.431 ug/l
RT: 7.92 min Scan# 739
Delta R.T. -0.33 min
Lab File: VF061608.D
Acq: 12 Feb 2019 14:53

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#53

t-1,3-Dichloropropene

Concen: 66.200 ug/l

RT: 7.86 min Scan# 733

Delta R.T. -0.41 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

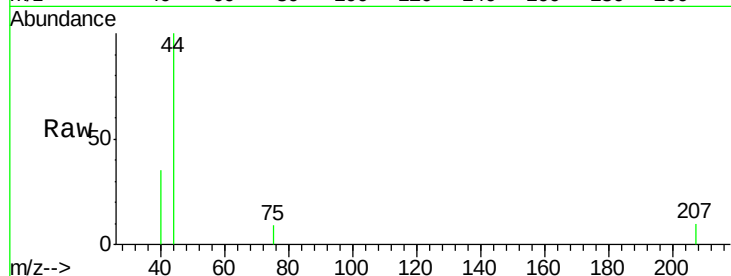
JC-02-021119-B

Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

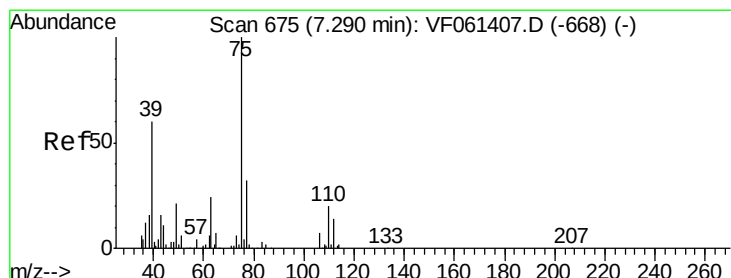
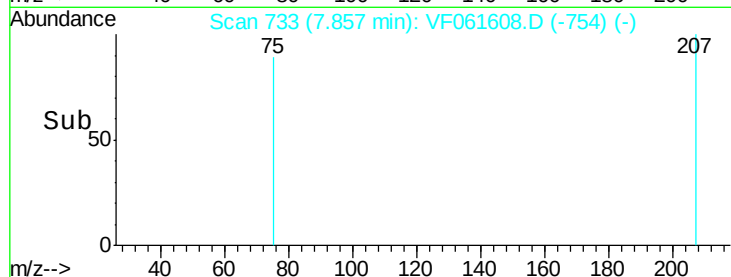


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

7.86

Time--> 7.82 7.84 7.86 7.88



#54

cis-1,3-Dichloropropene

Concen: 48.887 ug/l

RT: 6.94 min Scan# 640

Delta R.T. -0.35 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

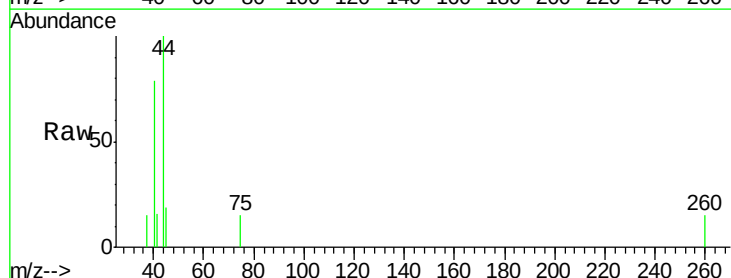
Tgt Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 0.0 47.8 71.8#



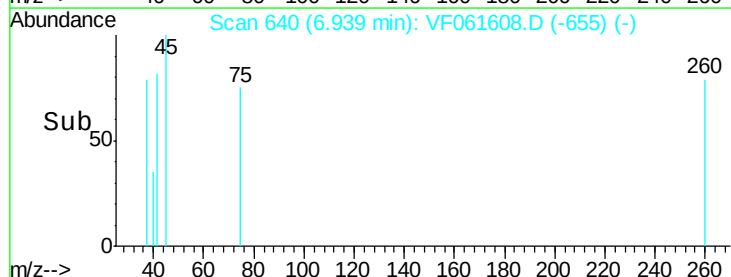
Abundance Ion 75.00 (74.70 to 75.70): VF0

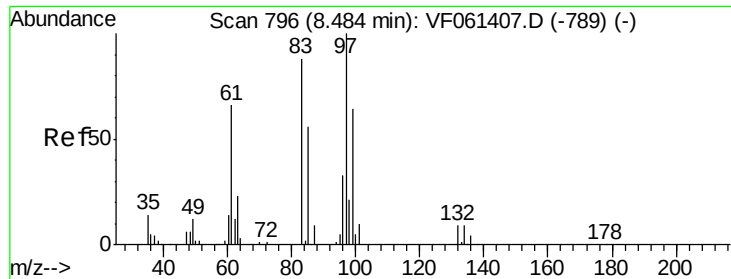
Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

6.94

Time--> 6.90 6.92 6.94 6.96





#55

1,1,2-Trichloroethane

Concen: 175.524 ug/l

RT: 8.22 min Scan# 770

Delta R.T. -0.26 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-B

Tot Ion: 97 Resp: 94

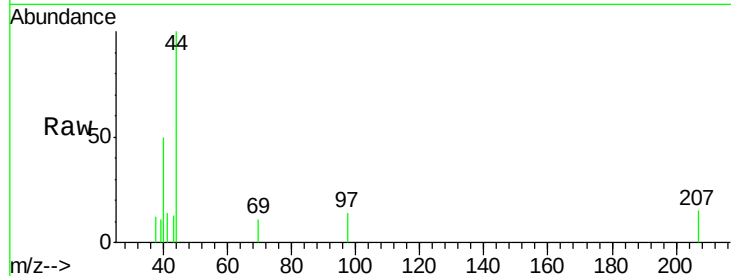
Ion Ratio Lower Upper

97 100

83 0.0 70.4 105.6#

85 0.0 44.7 67.1#

99 0.0 50.8 76.2#

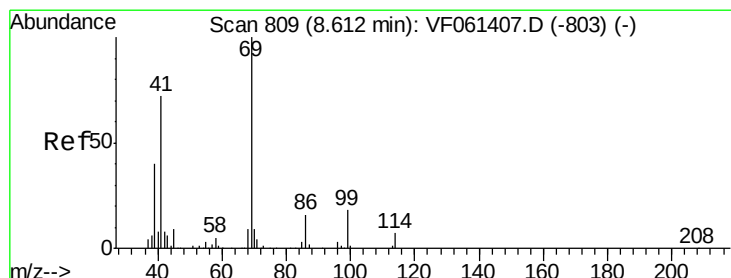
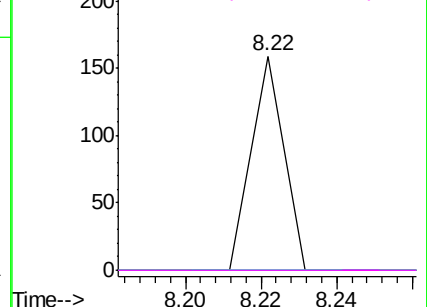
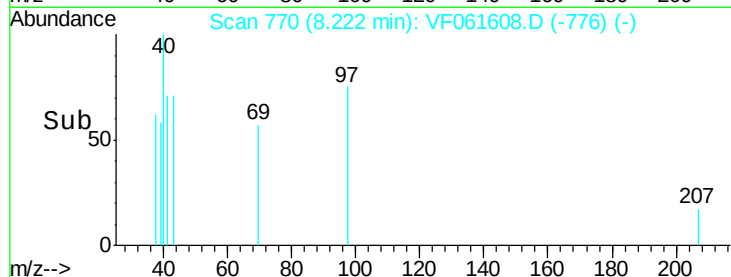


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 115.558 ug/l

RT: 8.22 min Scan# 770

Delta R.T. -0.39 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

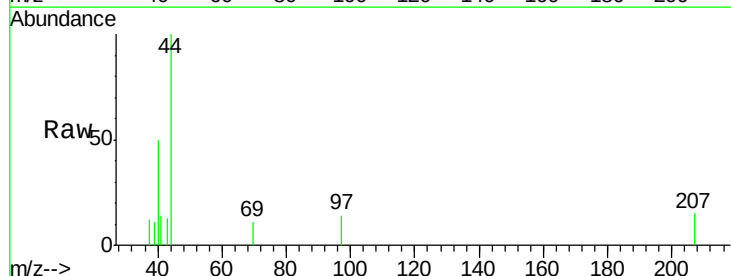
Tgt Ion: 69 Resp: 72

Ion Ratio Lower Upper

69 100

41 124.8 57.5 86.3#

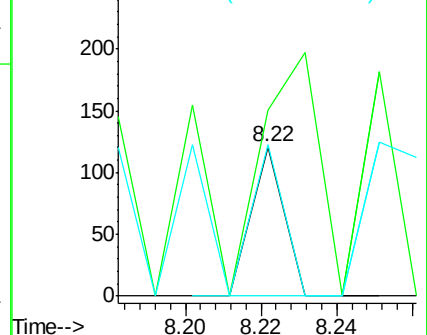
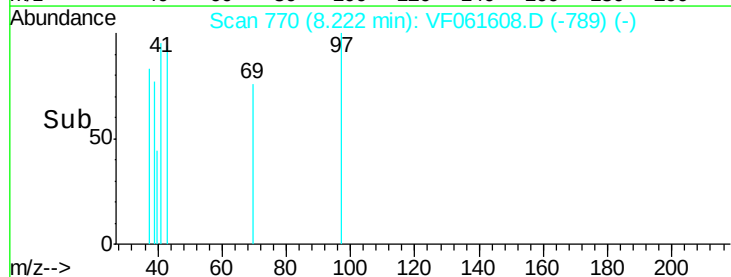
39 101.7 32.0 48.0#

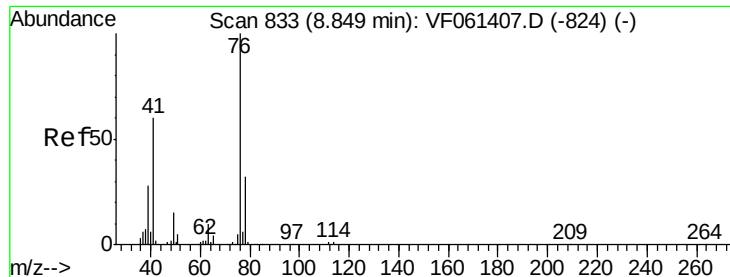


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 61.765 ug/l

RT: 8.41 min Scan# 789

Delta R.T. -0.44 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

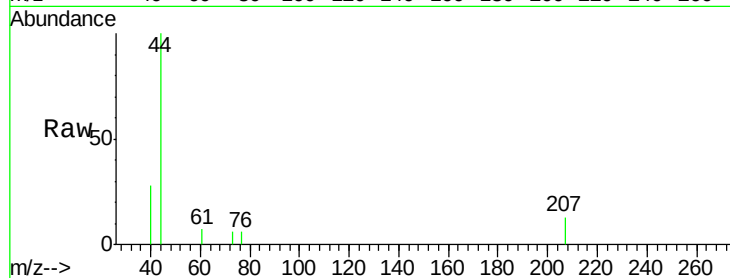
JC-02-021119-B

Tot Ion: 76 Resp: 62

Ion Ratio Lower Upper

76 100

78 0.0 25.3 37.9#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.41

100

80

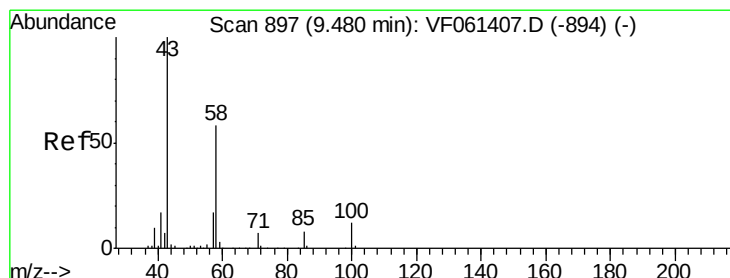
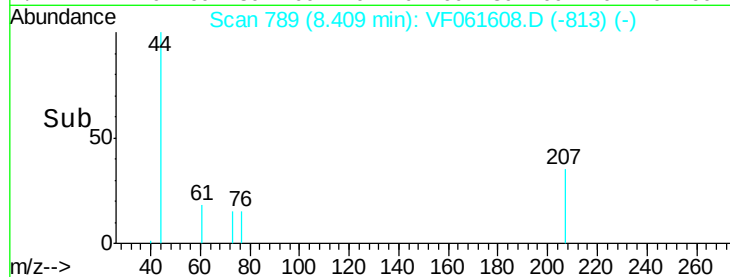
60

40

20

0

Time-->



#59

2-Hexanone

Concen: 824.779 ug/l

RT: 9.08 min Scan# 857

Delta R.T. -0.40 min

Lab File: VF061608.D

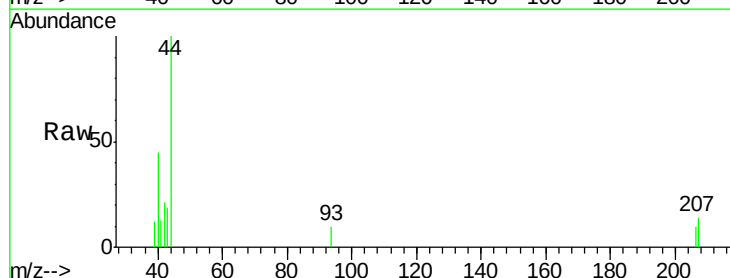
Acq: 12 Feb 2019 14:53

Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.08

200

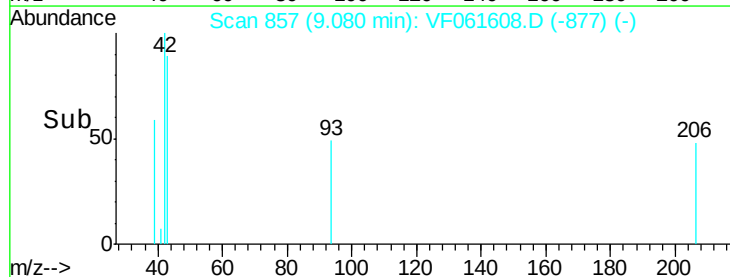
150

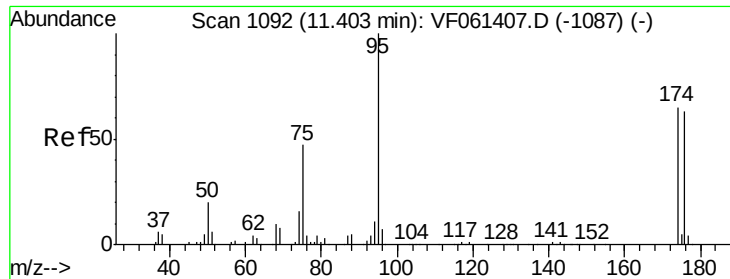
100

50

0

Time-->





#62

4-Bromofluorobenzene

Concen: 142.699 ug/l

RT: 10.81 min Scan# 1032

Delta R.T. -0.60 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-B

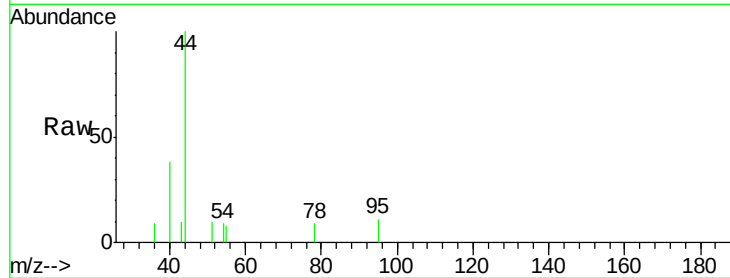
Tot Ion: 95 Resp: 160

Ion Ratio Lower Upper

95 100

174 0.0 0.0 130.4

176 0.0 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

10.81

150

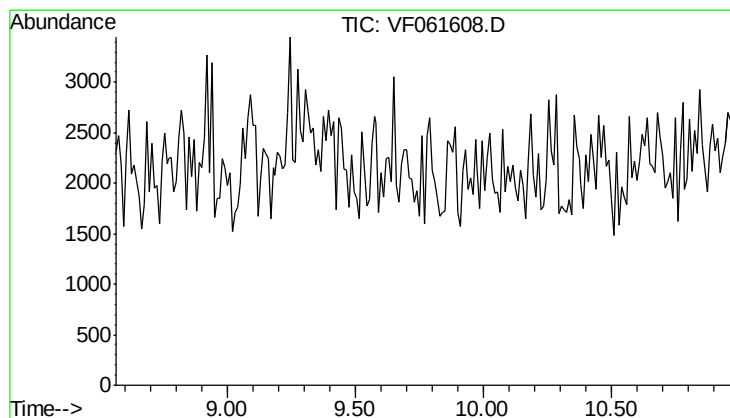
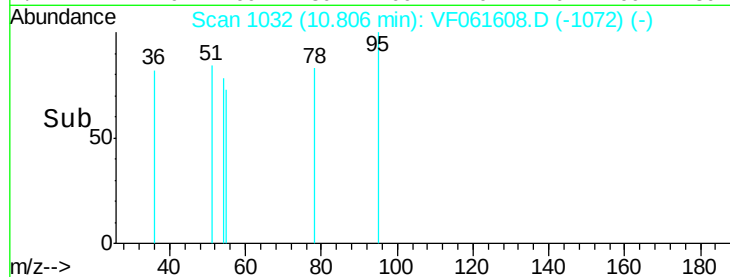
100

50

0

10.78 10.80 10.82 10.84

Time-->



#63

Chlorobenzene-d5

Concen: 0.000 ug/l

Expected RT: 9.77 min

Lab File: VF061608.D

Acq: 12 Feb 2019 14:53

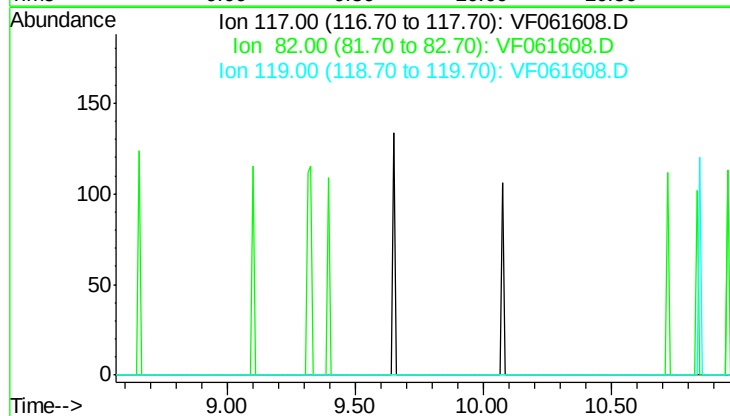
Tgt Ion: 117

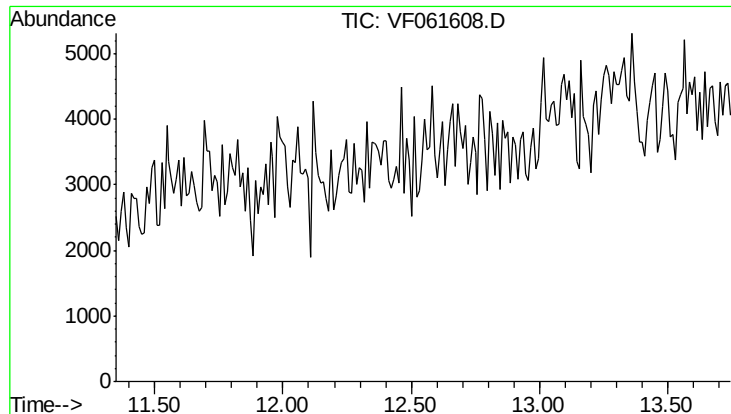
Sig Exp Ratio

117 100

82 58.0

119 34.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.55 min
 Lab File: VF061608.D
 Acq: 12 Feb 2019 14:53

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-B

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 60.0
 150 160.7

