

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
 Data File : VF061613.D
 Acq On : 12 Feb 2019 17:14
 Operator : VA/AP
 Sample : K1343-13
 Misc : 11.96g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 13 02:50:17 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	4.91	168	64	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	5.24	114	65	50.00	ug/l	-0.36
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	4.96	65	86	108.84	ug/l	0.13
Spiked Amount	50.000		Recovery	=	217.68%	
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%	

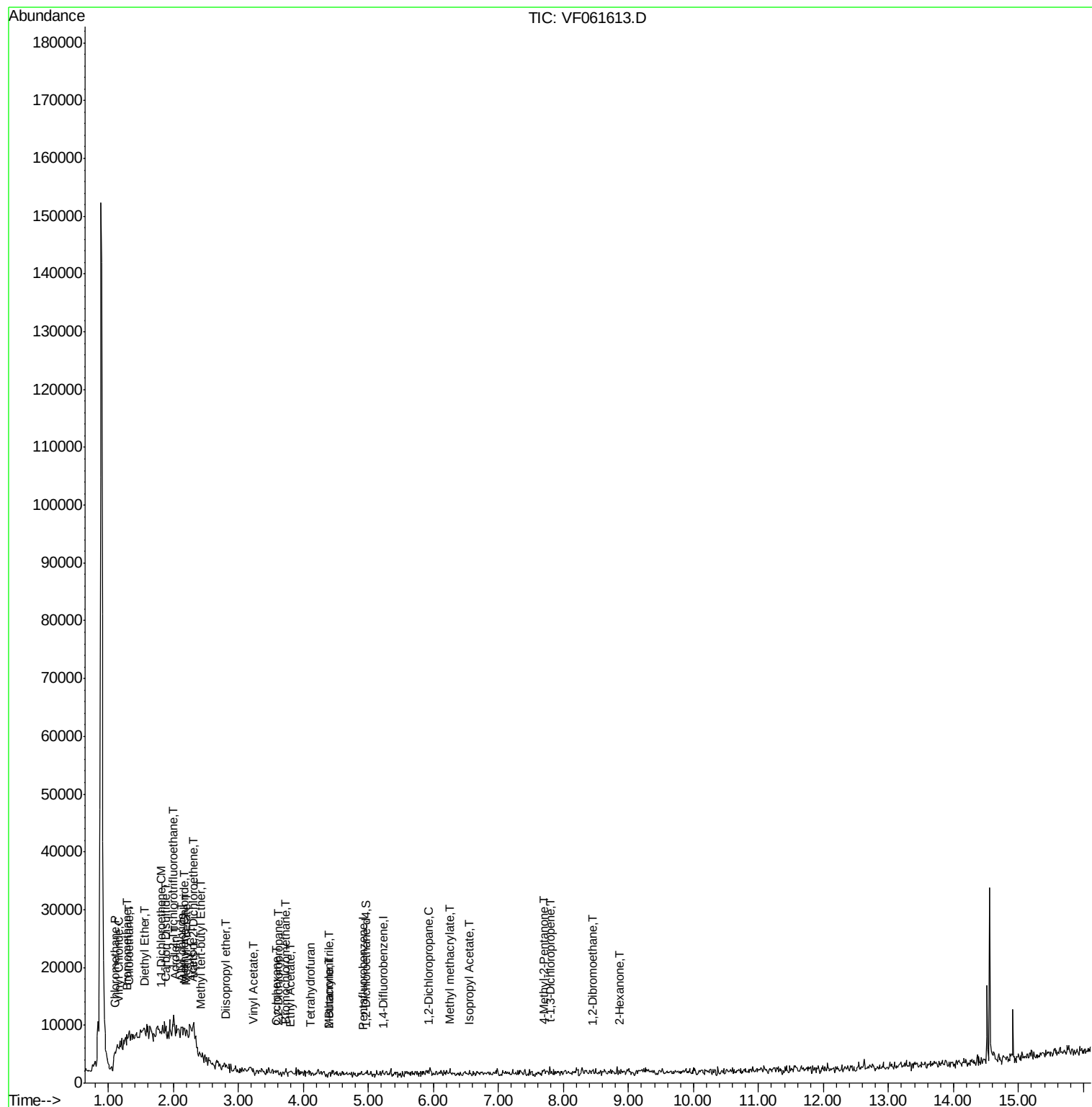
Target Compounds					Qvalue	
3) Chloromethane	1.09	50	66	71.579	ug/l #	1
4) Vinyl Chloride	1.15	62	146	178.003	ug/l #	43
5) Bromomethane	1.29	94	800	1495.735	ug/l #	2
6) Chloroethane	1.32	64	210	577.812	ug/l #	41
8) Diethyl Ether	1.57	74	75	367.084	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.00	101	65	84.838	ug/l #	20
12) 1,1-Dichloroethene	1.80	96	73	128.247	ug/l #	1
13) Acrolein	2.03	56	156	5201.487	ug/l #	63
14) Allyl chloride	2.12	41	241	205.939	ug/l	87
16) Acetone	2.29	43	539	3400.291	ug/l #	61
17) Carbon Disulfide	1.88	76	60	33.806	ug/l #	1
18) Methyl Acetate	2.20	43	250	795.262	ug/l	98
19) Methyl tert-butyl Ether	2.42	73	72	56.425	ug/l #	59
20) Methylene Chloride	2.17	84	63	119.524	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	99	158.079	ug/l #	1
22) Diisopropyl ether	2.82	45	137	67.633	ug/l #	41
23) Vinyl Acetate	3.22	43	91	104.024	ug/l #	78
25) 2-Butanone	4.38	43	148	561.446	ug/l #	57
26) 2,2-Dichloropropane	3.61	77	81	103.700	ug/l #	61
28) Bromochloromethane	3.74	49	82	143.488	ug/l #	8
29) Tetrahydrofuran	4.11	42	83	731.235	ug/l #	38
31) Cyclohexane	3.58	56	65	51.183	ug/l #	13
37) Ethyl Acetate	3.81	43	89	295.430	ug/l #	5
41) Methacrylonitrile	4.39	41	78	486.590	ug/l #	29
43) Isopropyl Acetate	6.55	43	147	388.789	ug/l #	51
45) 1,2-Dichloropropane	5.91	63	70	159.044	ug/l #	44
48) Methyl methacrylate	6.26	41	93	366.296	ug/l #	19
51) 4-Methyl-2-Pentanone	7.70	43	121	435.313	ug/l #	39
53) t-1,3-Dichloropropene	7.78	75	67	116.527	ug/l #	44
59) 2-Hexanone	8.85	43	85	438.534	ug/l #	26
61) 1,2-Dibromoethane	8.44	107	60	167.125	ug/l #	5

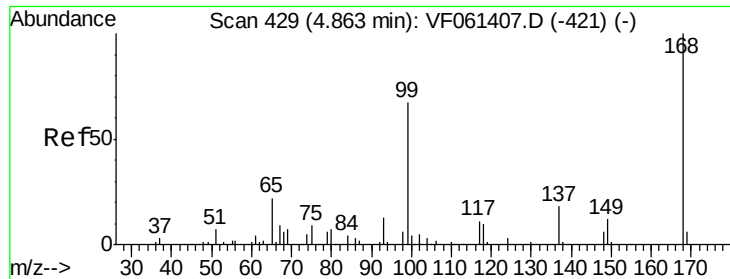
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.05 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

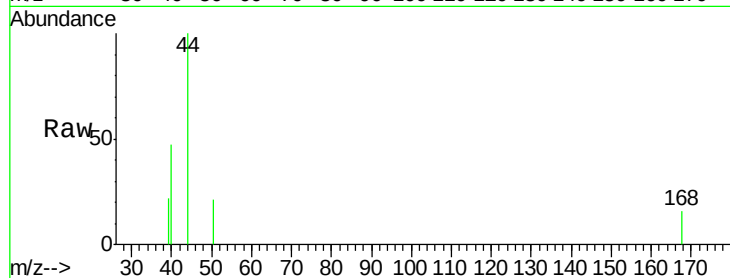
JC-02-021119-G

Tot Ion:168 Resp: 64

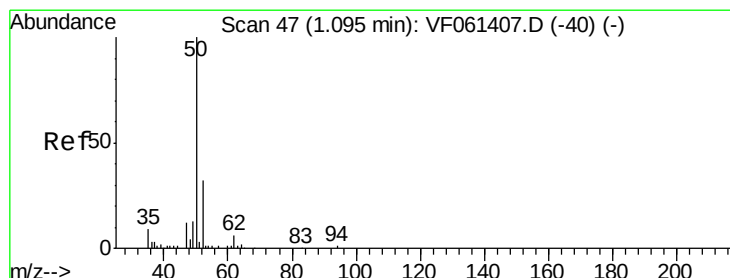
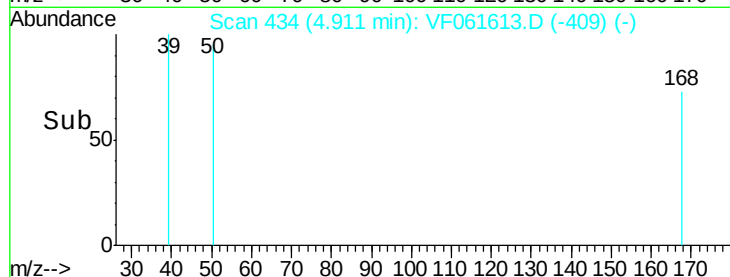
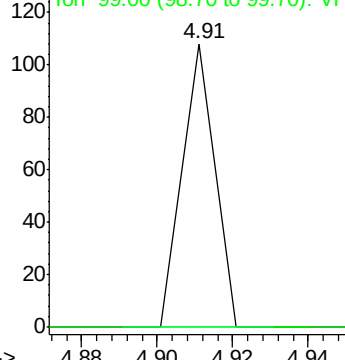
Ion Ratio Lower Upper

168 100

99 0.0 53.5 80.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 71.579 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.00 min

Lab File: VF061613.D

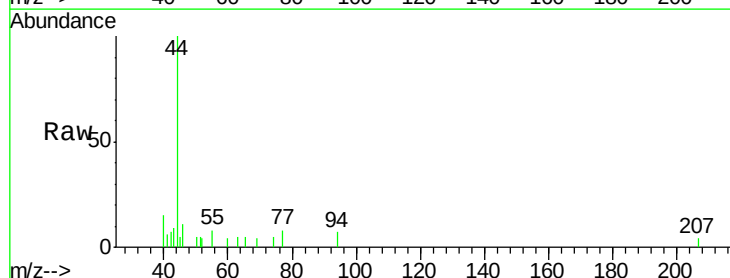
Acq: 12 Feb 2019 17:14

Tgt Ion: 50 Resp: 66

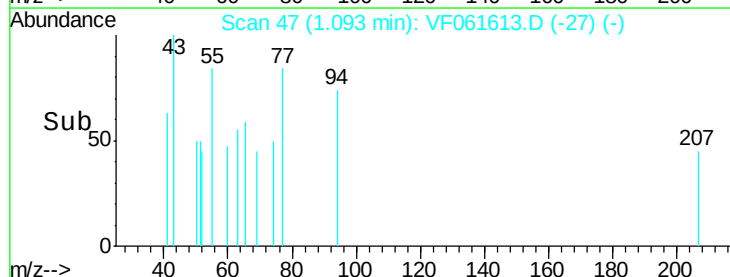
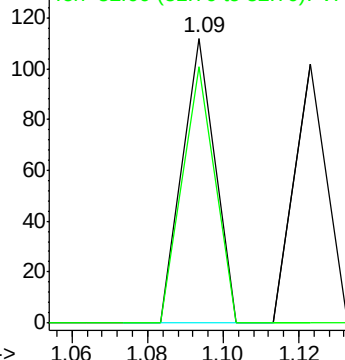
Ion Ratio Lower Upper

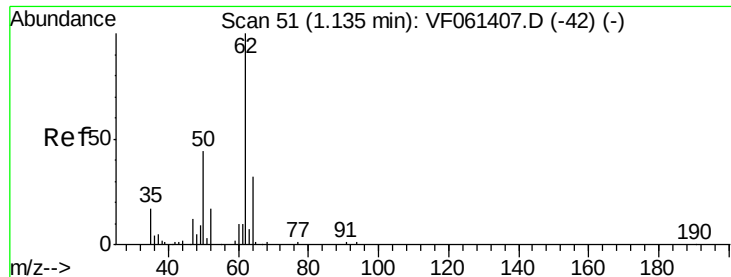
50 100

52 90.2 24.6 36.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#4

Vinyl Chloride

Concen: 178.003 ug/l

RT: 1.15 min Scan# 53

Delta R.T. 0.02 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

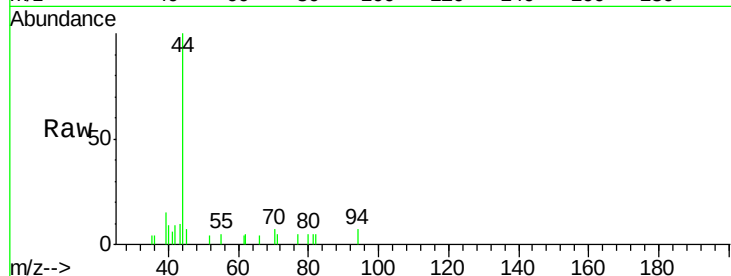
JC-02-021119-G

Tot Ion: 62 Resp: 146

Ion Ratio Lower Upper

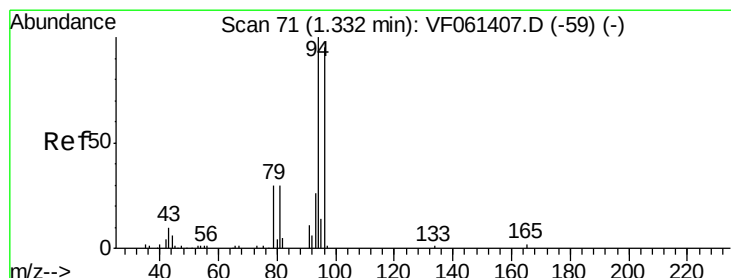
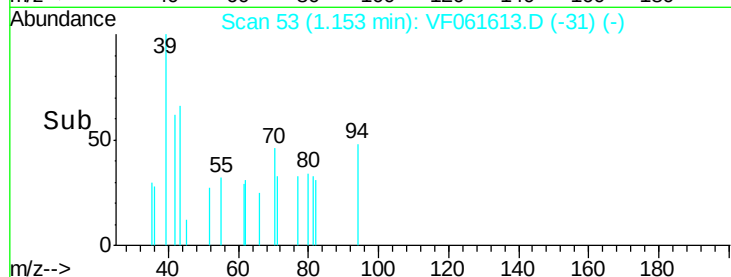
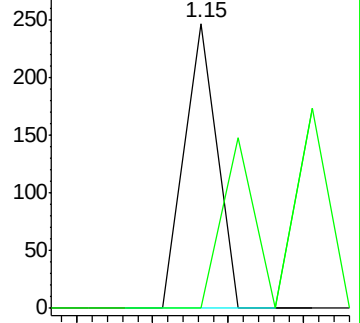
62 100

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: 1495.735 ug/l

RT: 1.29 min Scan# 67

Delta R.T. -0.04 min

Lab File: VF061613.D

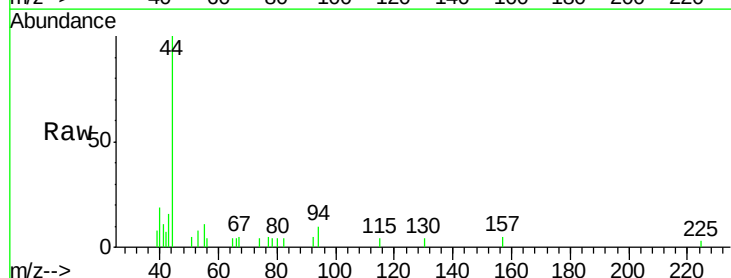
Acq: 12 Feb 2019 17:14

Tgt Ion: 94 Resp: 800

Ion Ratio Lower Upper

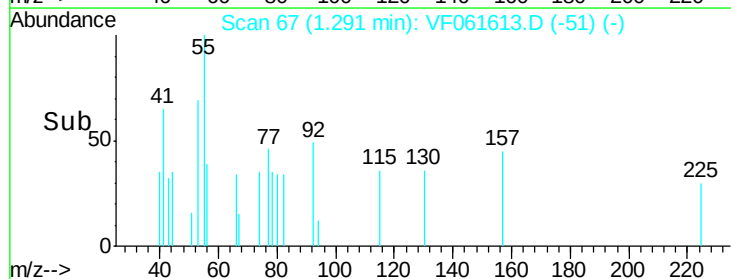
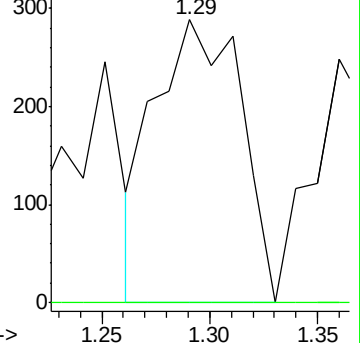
94 100

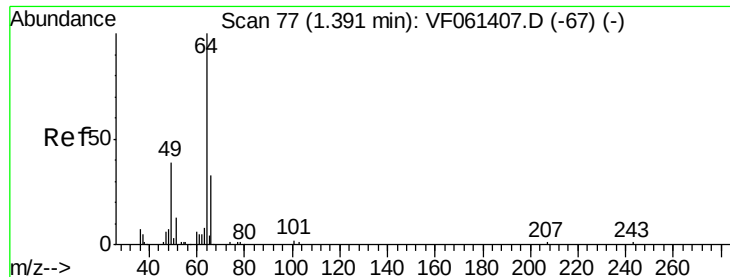
96 0.0 76.0 114.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#6

Chloroethane

Concen: 577.812 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.07 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

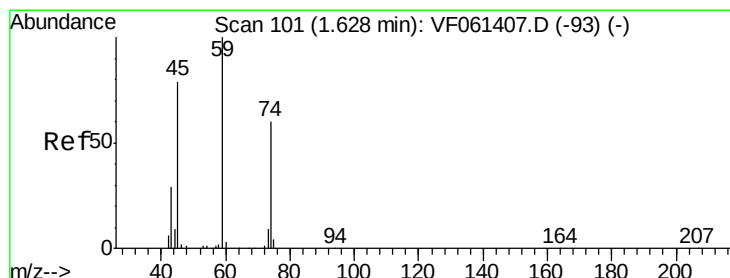
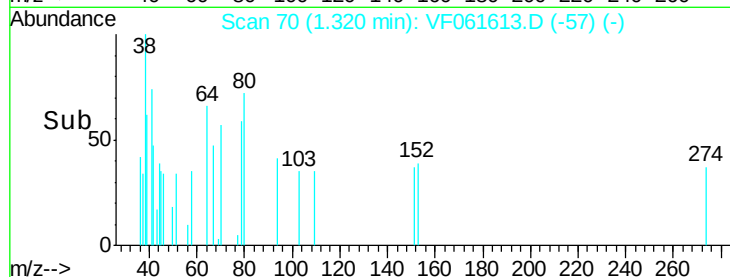
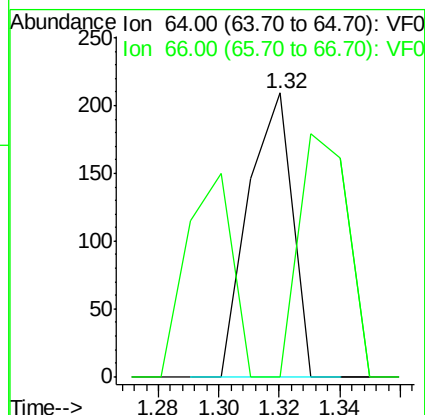
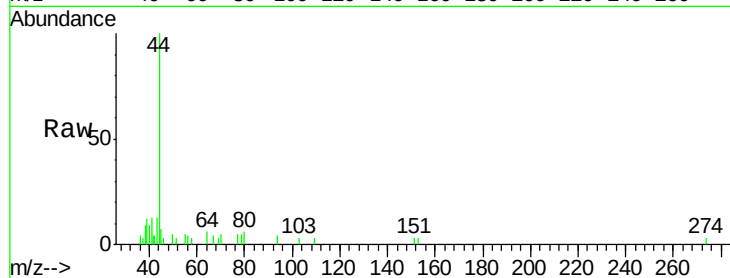
JC-02-021119-G

Tot Ion: 64 Resp: 210

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



#8

Diethyl Ether

Concen: 367.084 ug/l

RT: 1.57 min Scan# 95

Delta R.T. -0.06 min

Lab File: VF061613.D

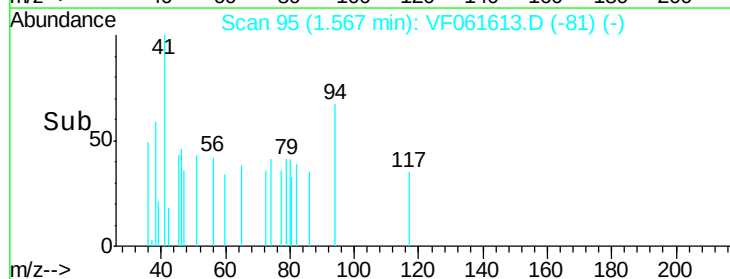
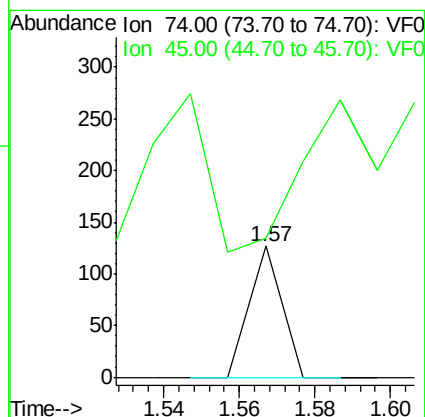
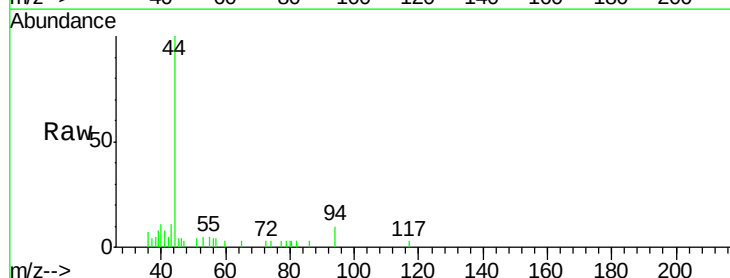
Acq: 12 Feb 2019 17:14

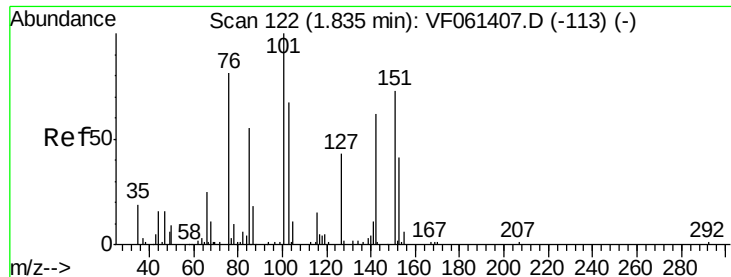
Tgt Ion: 74 Resp: 75

Ion Ratio Lower Upper

74 100

45 106.3 65.8 197.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.838 ug/l

RT: 2.00 min Scan# 139

Delta R.T. 0.17 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-G

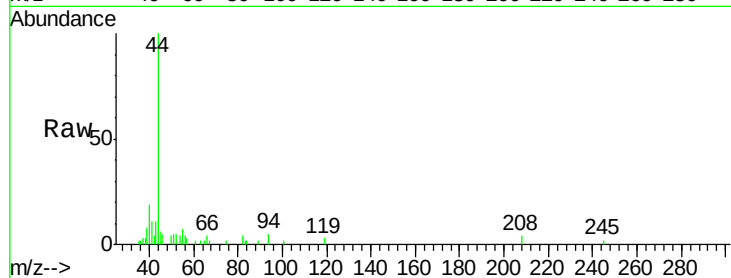
Tot Ion:101 Resp: 65

Ion Ratio Lower Upper

101 100

85 0.0 41.9 62.9#

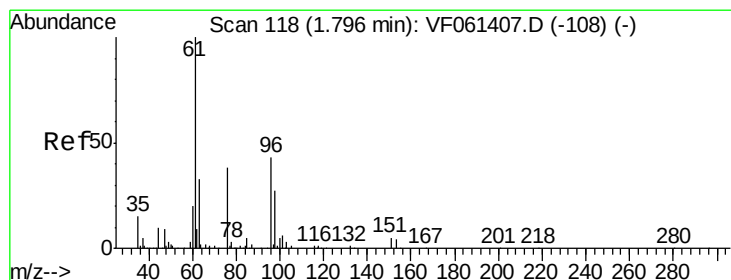
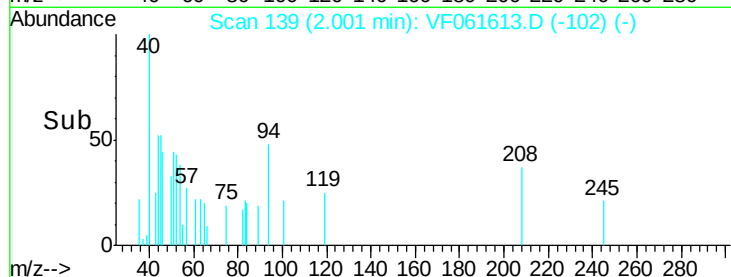
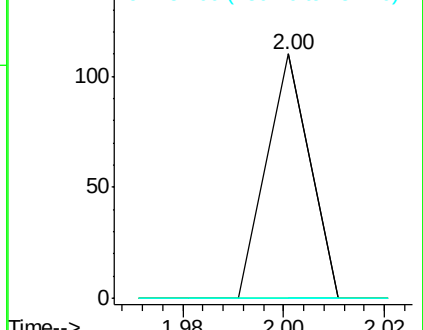
151 0.0 55.1 82.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 128.247 ug/l

RT: 1.80 min Scan# 119

Delta R.T. 0.01 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

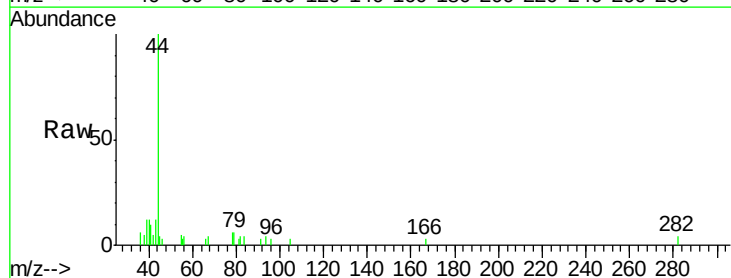
Tgt Ion: 96 Resp: 73

Ion Ratio Lower Upper

96 100

61 0.0 186.9 280.3#

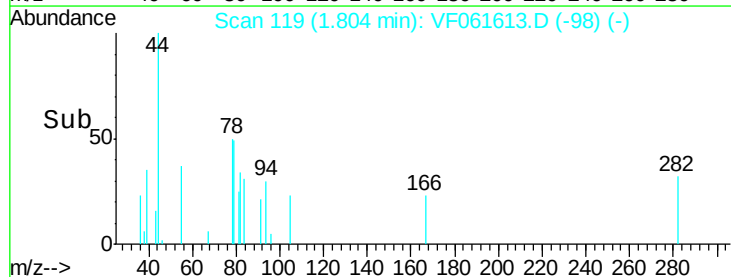
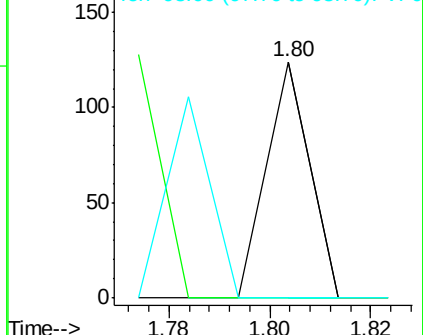
98 0.0 53.0 79.4#

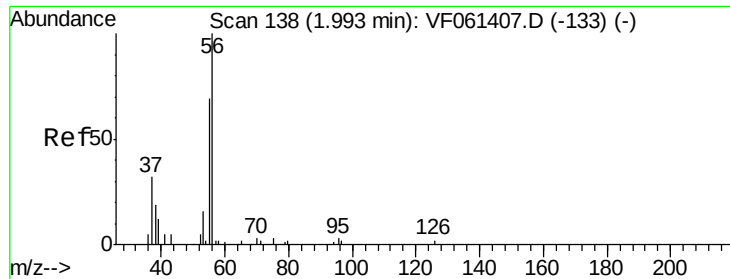


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 5201.487 ug/l

RT: 2.03 min Scan# 142

Delta R.T. 0.04 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

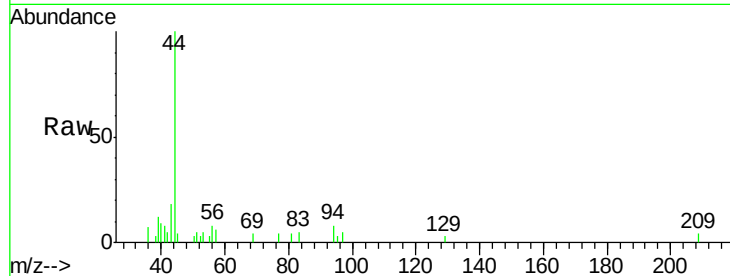
JC-02-021119-G

Tot Ion: 56 Resp: 156

Ion Ratio Lower Upper

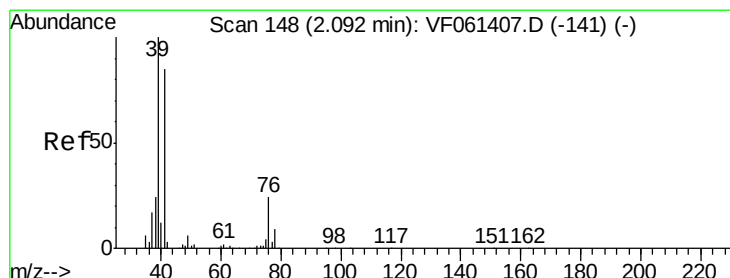
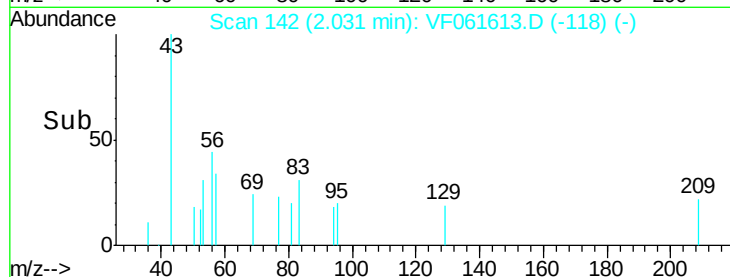
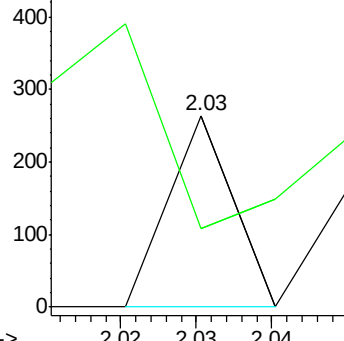
56 100

55 40.9 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 205.939 ug/l

RT: 2.12 min Scan# 151

Delta R.T. 0.03 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

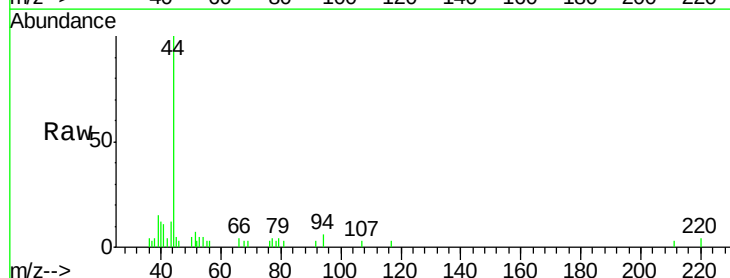
Tgt Ion: 41 Resp: 241

Ion Ratio Lower Upper

41 100

39 134.0 94.6 141.8

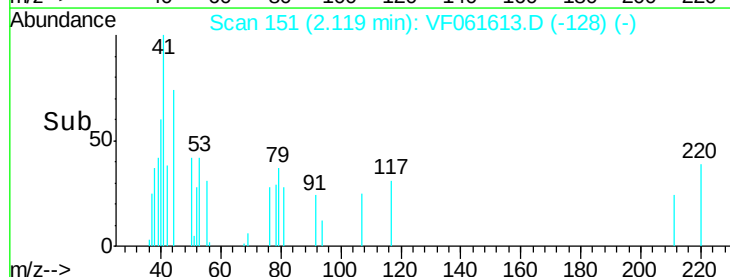
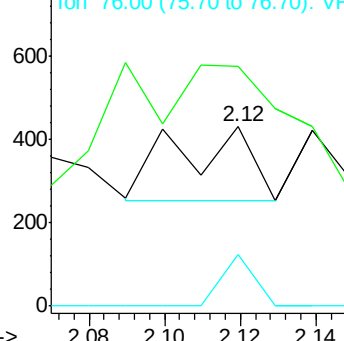
76 28.4 25.9 38.9

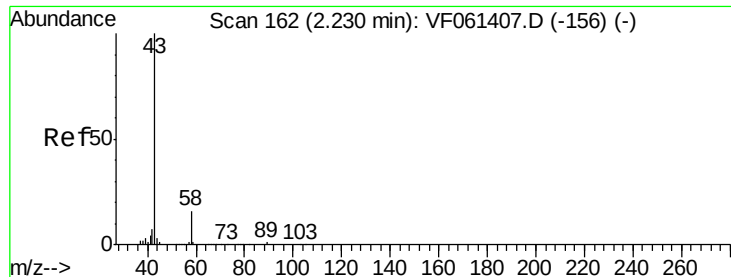


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#16

Acetone

Concen: 3400.291 ug/l

RT: 2.29 min Scan# 168

Delta R.T. 0.06 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

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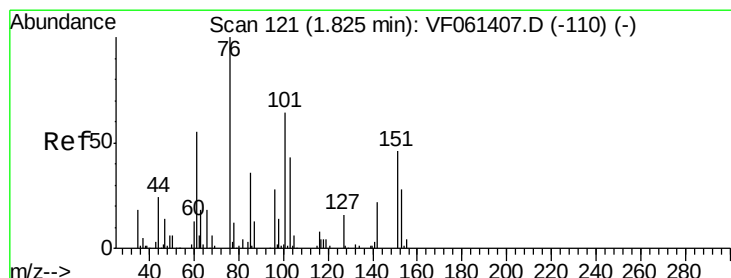
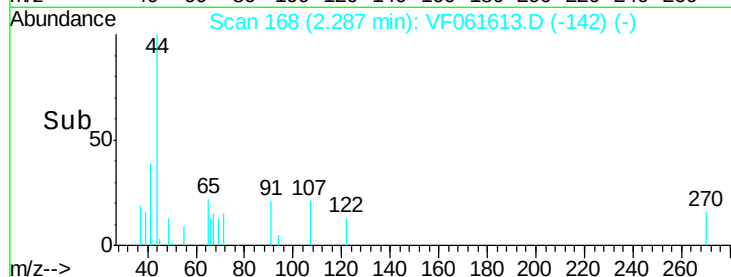
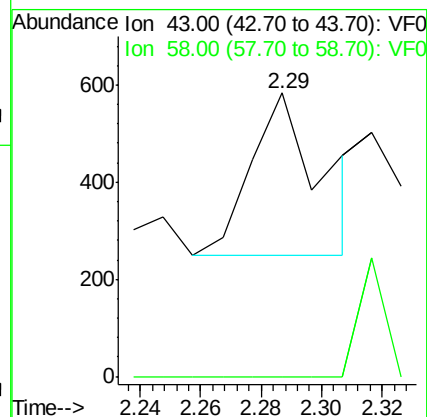
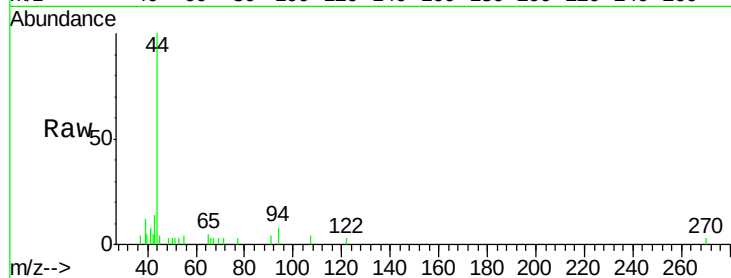
JC-02-021119-G

Tot Ion: 43 Resp: 539

Ion Ratio Lower Upper

43 100

58 0.0 13.3 19.9#



#17

Carbon Disulfide

Concen: 33.806 ug/l

RT: 1.88 min Scan# 127

Delta R.T. 0.06 min

Lab File: VF061613.D

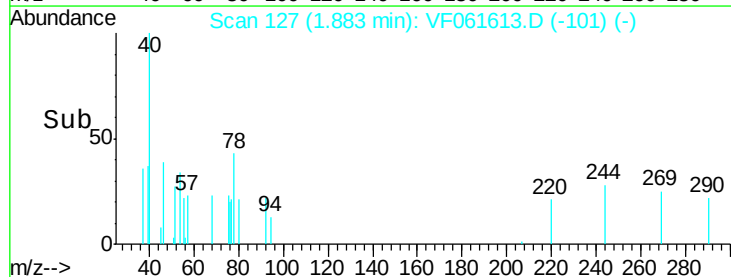
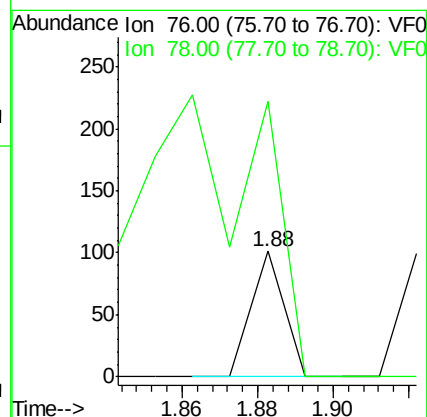
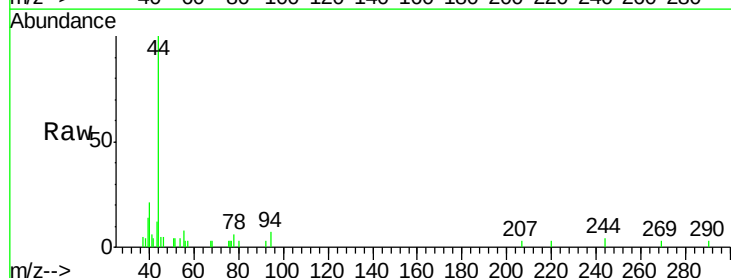
Acq: 12 Feb 2019 17:14

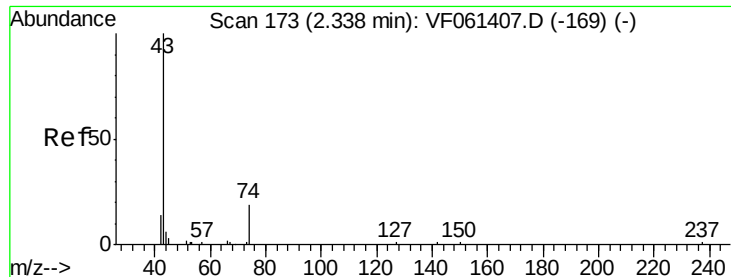
Tgt Ion: 76 Resp: 60

Ion Ratio Lower Upper

76 100

78 219.8 9.6 14.4#

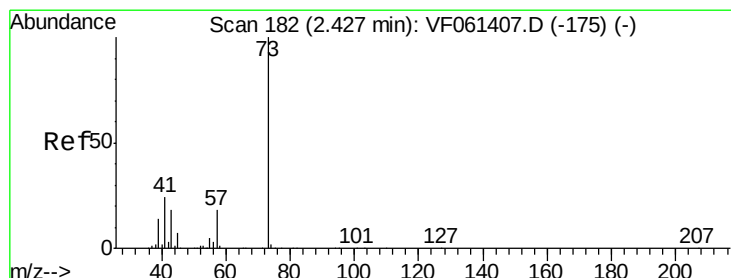
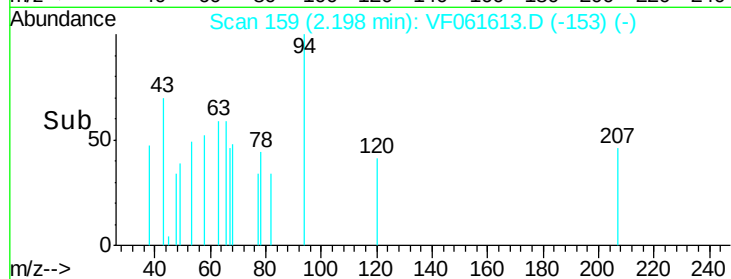
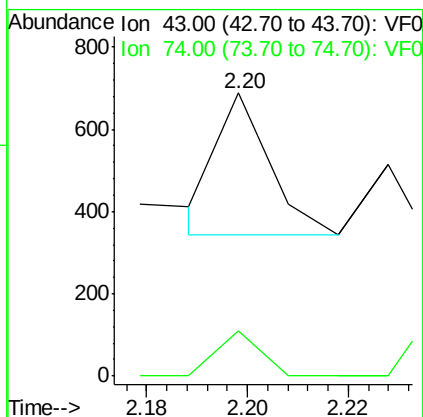
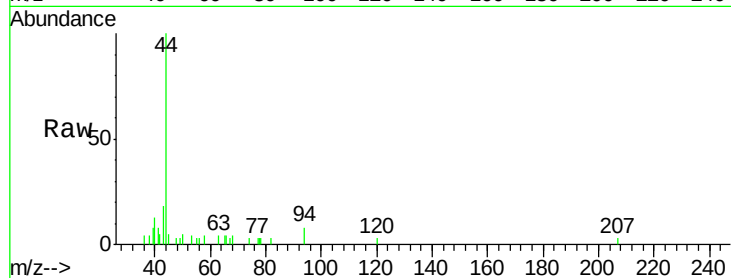




#18
Methyl Acetate
Concen: 795.262 ug/l
RT: 2.20 min Scan# 159
Delta R.T. -0.14 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

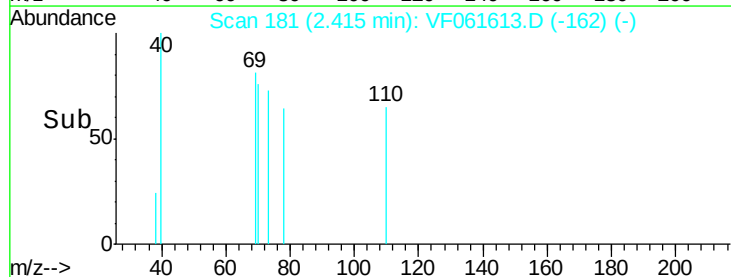
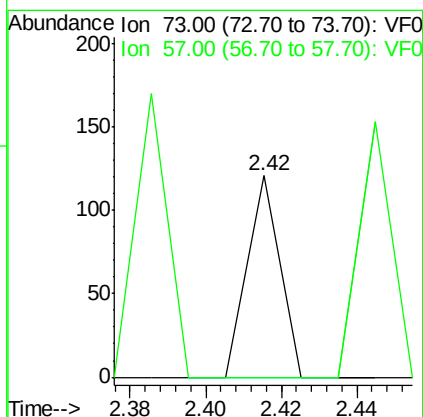
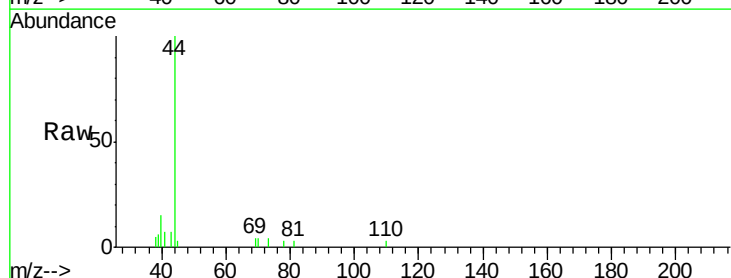
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-G

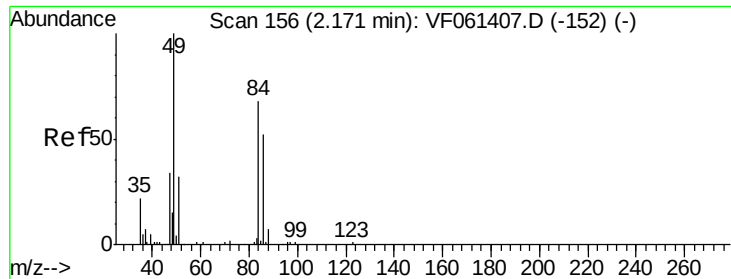
Tot Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
74 16.0 13.4 20.0



#19
Methyl tert-butyl Ether
Concen: 56.425 ug/l
RT: 2.42 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

Tgt Ion: 73 Resp: 72
Ion Ratio Lower Upper
73 100
57 0.0 14.8 22.2#

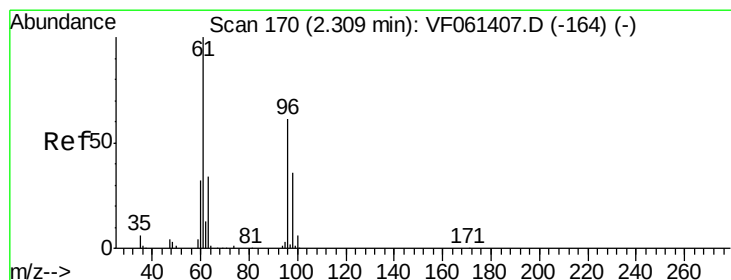
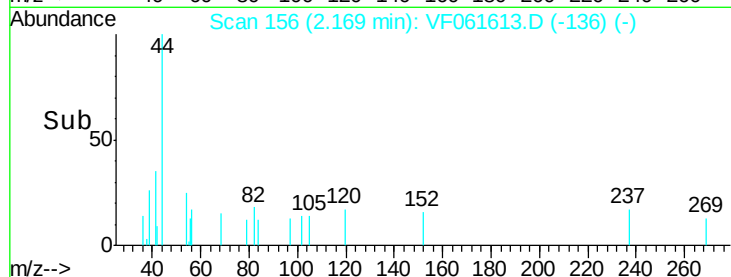
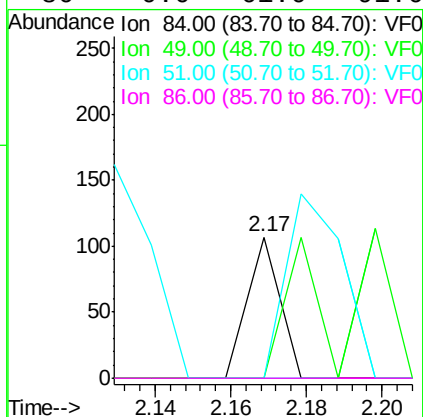
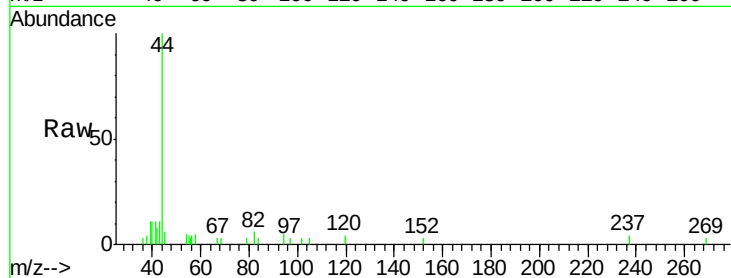




#20
Methylene Chloride
Concen: 119.524 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.00 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

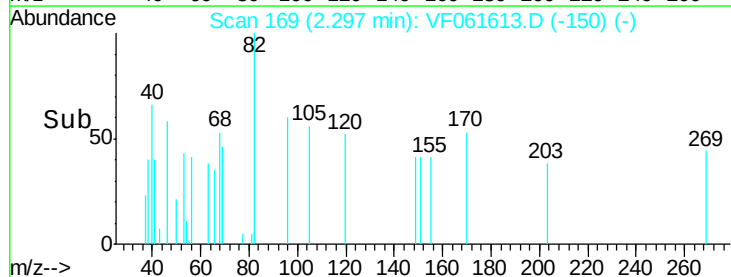
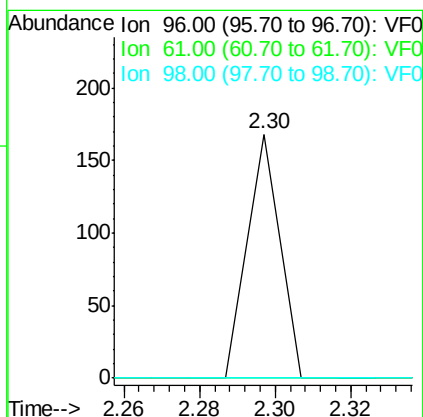
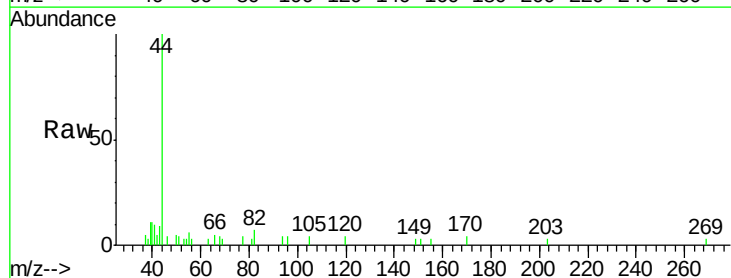
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-G

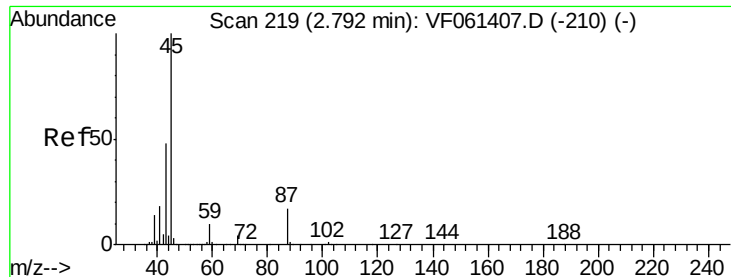
Tot Ion: 84 Resp: 63
Ion Ratio Lower Upper
84 100
49 0.0 120.0 180.0#
51 0.0 38.6 58.0#
86 0.0 61.0 91.6#



#21
trans-1,2-Dichloroethene
Concen: 158.079 ug/l
RT: 2.30 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

Tgt Ion: 96 Resp: 99
Ion Ratio Lower Upper
96 100
61 0.0 131.8 197.8#
98 0.0 47.4 71.0#





#22

Diisopropyl ether

Concen: 67.633 ug/l

RT: 2.82 min Scan# 222

Delta R.T. 0.03 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-G

Tot Ion: 45 Resp: 137

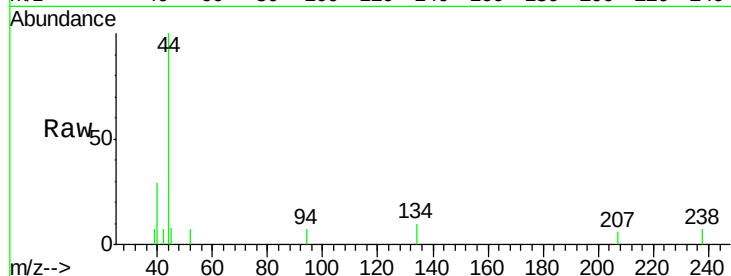
Ion Ratio Lower Upper

45 100

43 0.0 39.0 58.6#

87 0.0 13.9 20.9#

59 0.0 7.8 11.6#

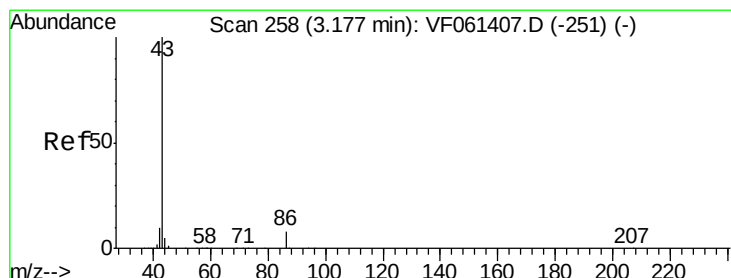
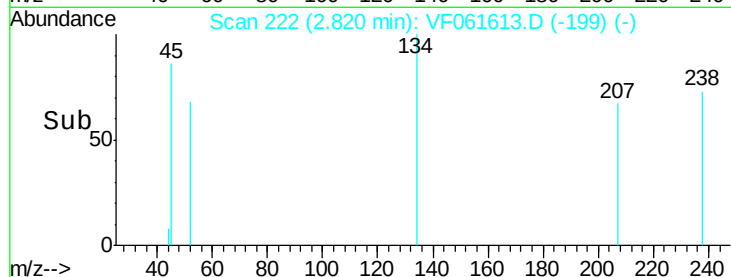
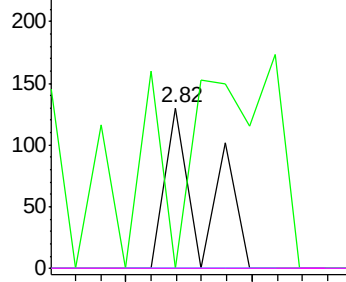


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 104.024 ug/l

RT: 3.22 min Scan# 263

Delta R.T. 0.05 min

Lab File: VF061613.D

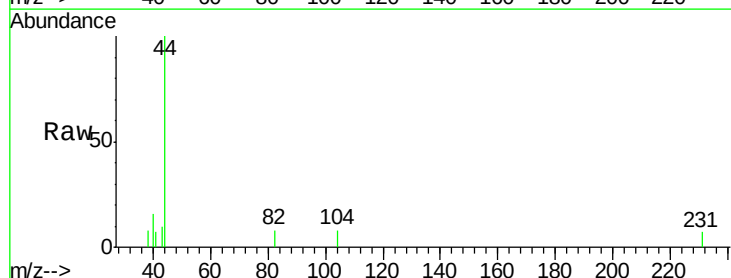
Acq: 12 Feb 2019 17:14

Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

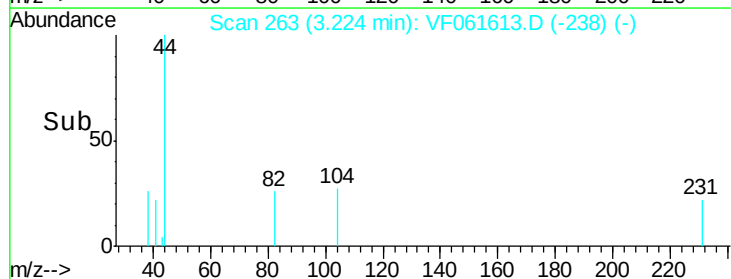
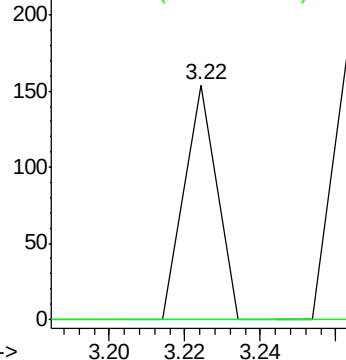
43 100

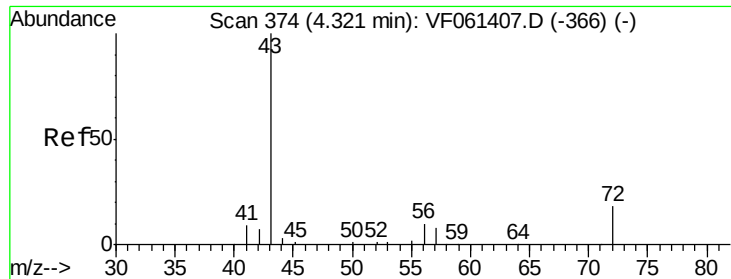
86 0.0 6.2 9.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 561.446 ug/l

RT: 4.38 min Scan# 380

Delta R.T. 0.06 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

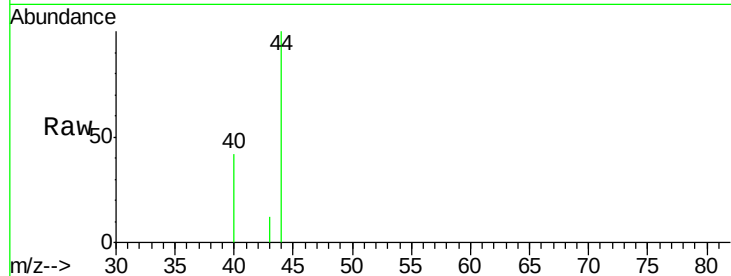
JC-02-021119-G

Tot Ion: 43 Resp: 148

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

4.38

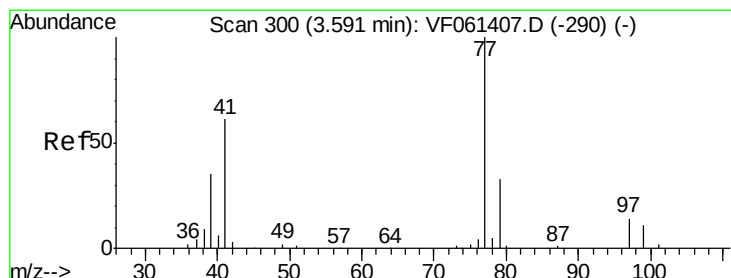
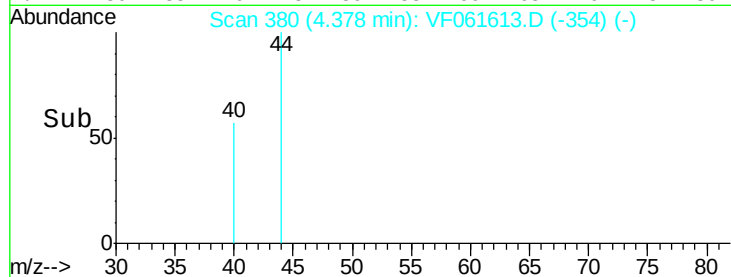
150

100

50

0

Time-->



#26

2,2-Dichloropropane

Concen: 103.700 ug/l

RT: 3.61 min Scan# 302

Delta R.T. 0.02 min

Lab File: VF061613.D

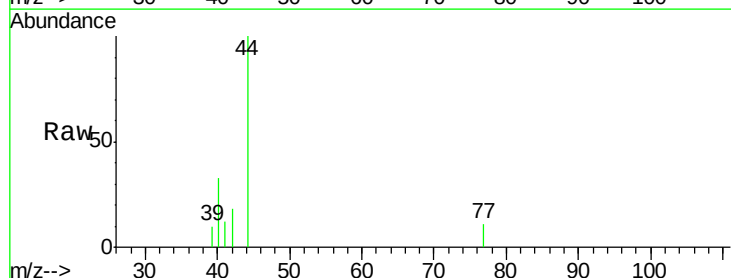
Acq: 12 Feb 2019 17:14

Tgt Ion: 77 Resp: 81

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

3.61

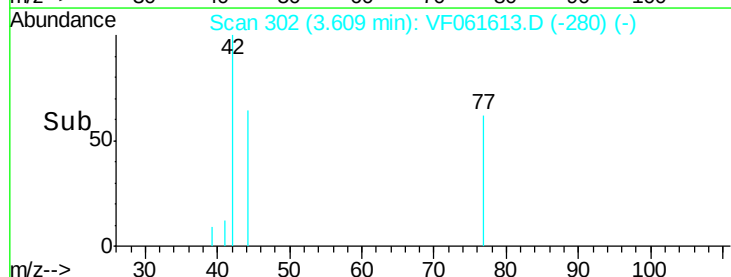
150

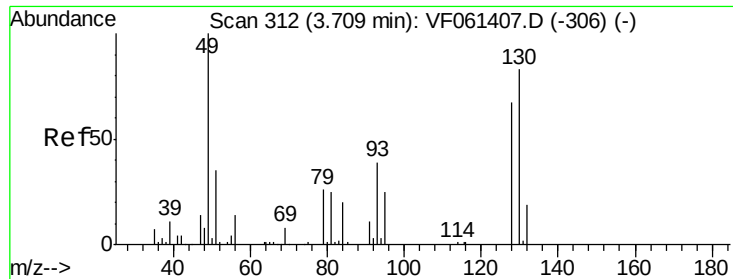
100

50

0

Time-->





#28

Bromochloromethane

Concen: 143.488 ug/l

RT: 3.74 min Scan# 315

Delta R.T. 0.03 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-G

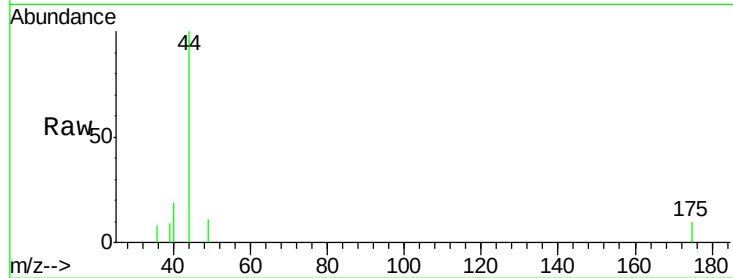
Tot Ion: 49 Resp: 82

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

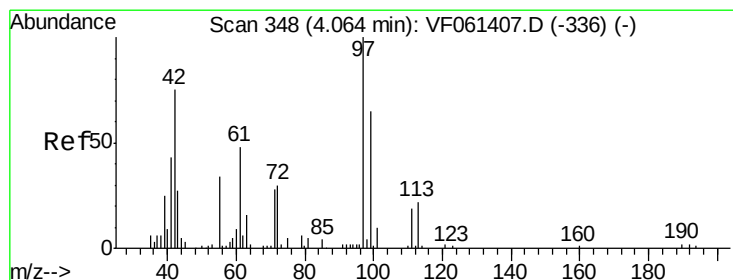
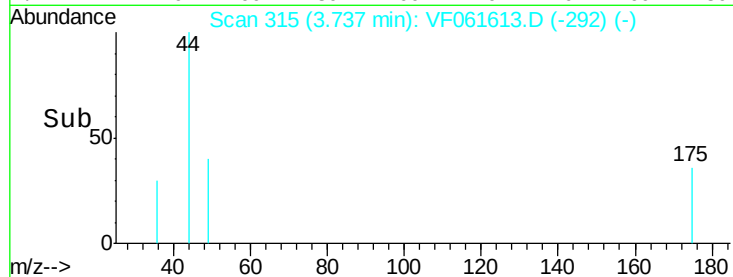
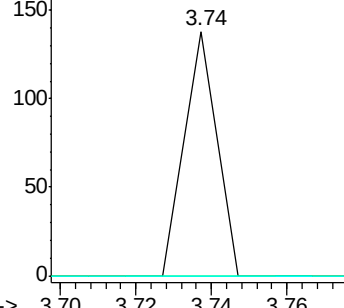
130 0.0 65.4 98.2#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): VF0

Ion 130.00 (129.70 to 130.70): VF0



#29

Tetrahydrofuran

Concen: 731.235 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.05 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

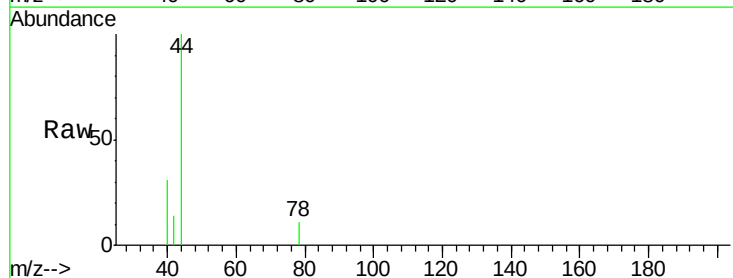
Tgt Ion: 42 Resp: 83

Ion Ratio Lower Upper

42 100

72 0.0 28.9 43.3#

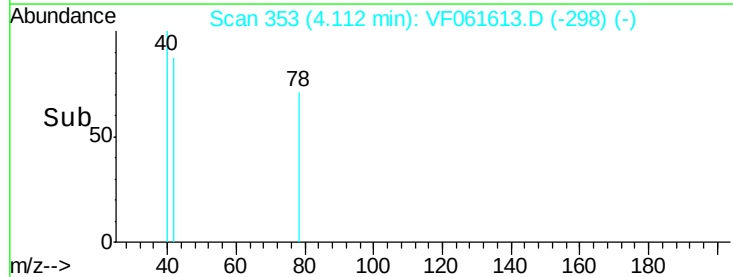
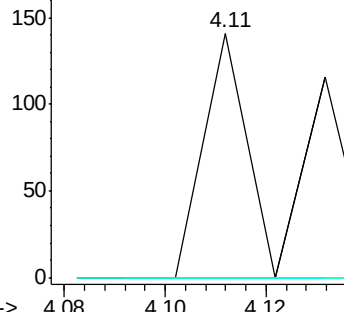
71 0.0 29.6 44.4#

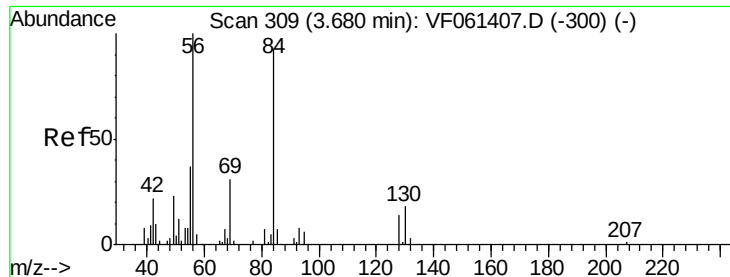


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#31

Cyclohexane

Concen: 51.183 ug/l

RT: 3.58 min Scan# 299

Delta R.T. -0.10 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-G

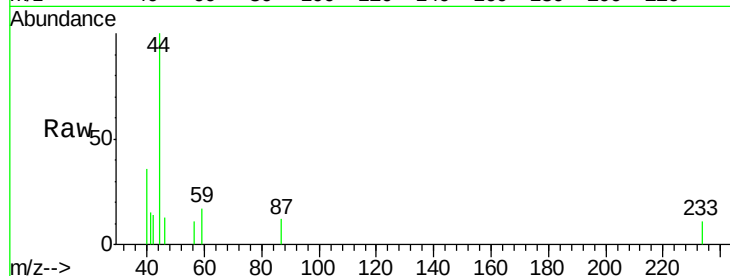
Tot Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

69 0.0 24.6 36.8#

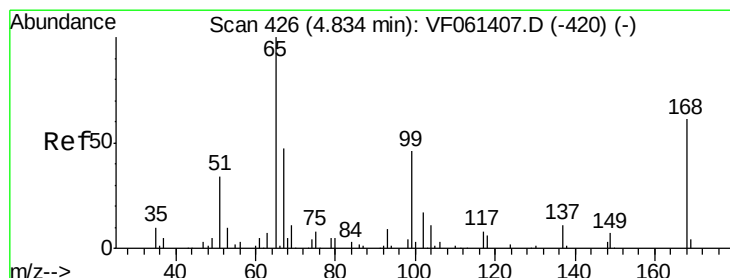
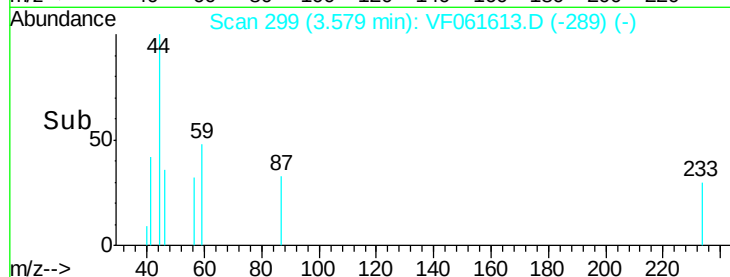
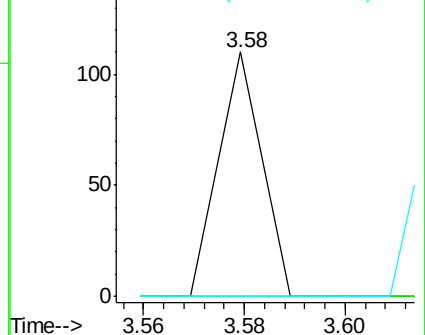
84 0.0 74.2 111.2#



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



#33

1,2-Dichloroethane-d4

Concen: 108.838 ug/l

RT: 4.96 min Scan# 439

Delta R.T. 0.13 min

Lab File: VF061613.D

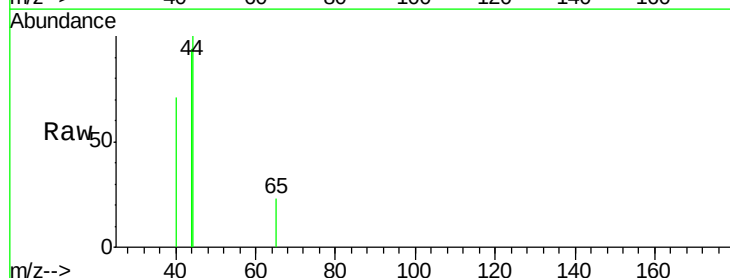
Acq: 12 Feb 2019 17:14

Tgt Ion: 65 Resp: 86

Ion Ratio Lower Upper

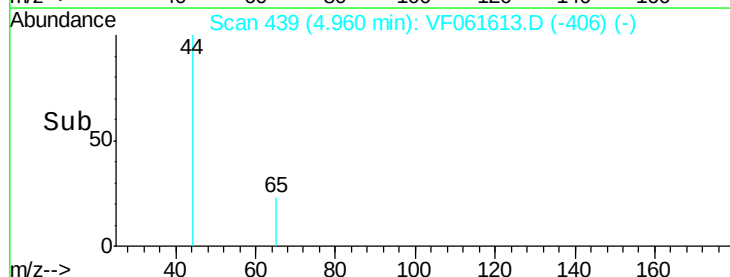
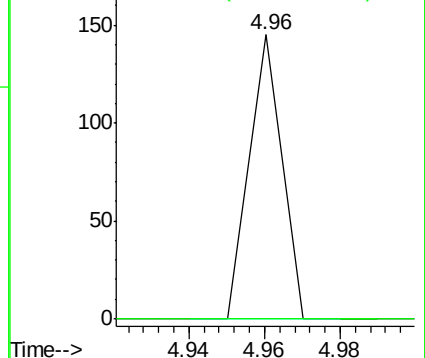
65 100

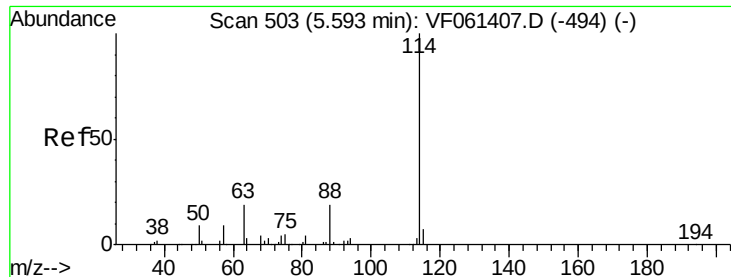
67 0.0 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.24 min Scan# 467

Delta R.T. -0.36 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-G

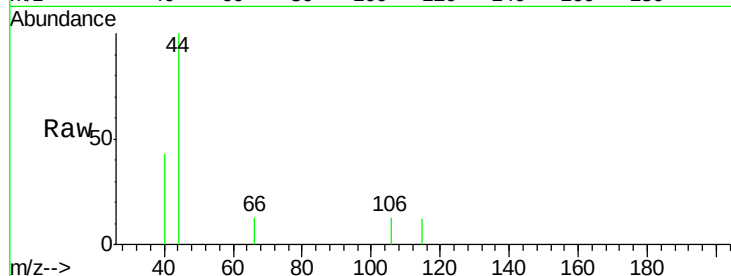
Tot Ion:114 Resp: 65

Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.0

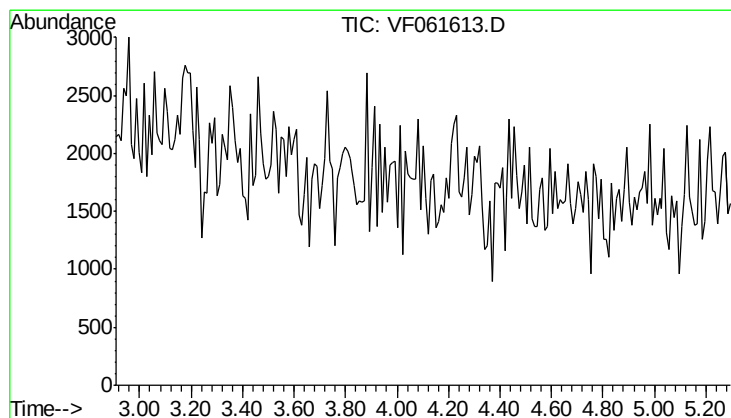
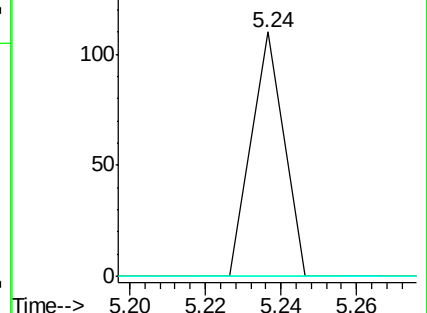
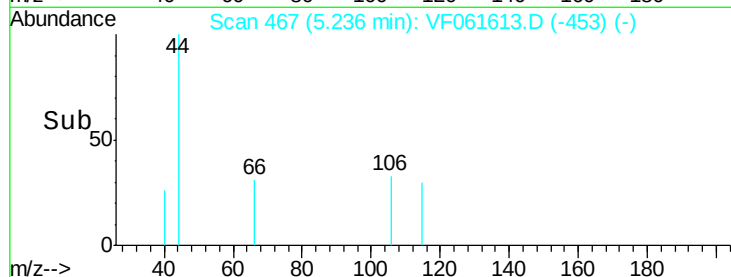
88 0.0 0.0 37.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.10 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

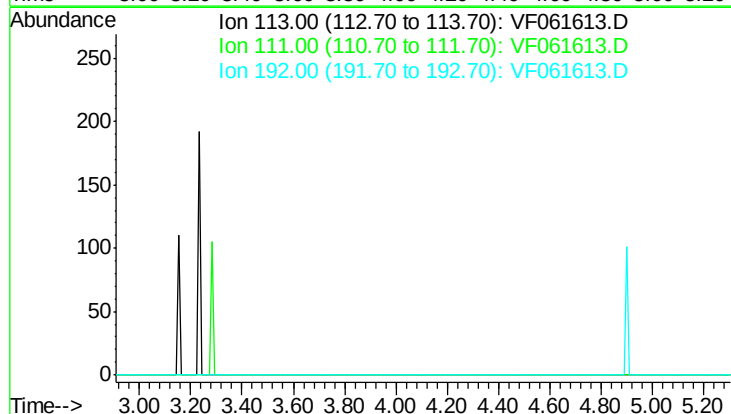
Tgt Ion: 113

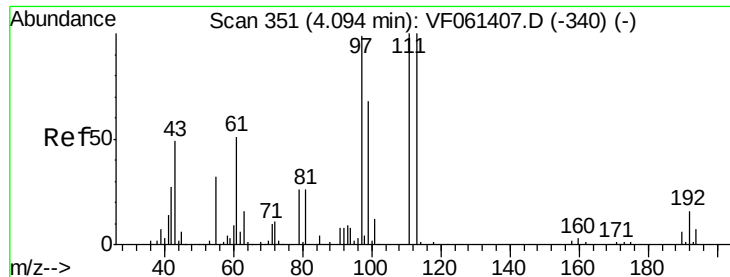
Sig Exp Ratio

113 100

111 99.2

192 15.5

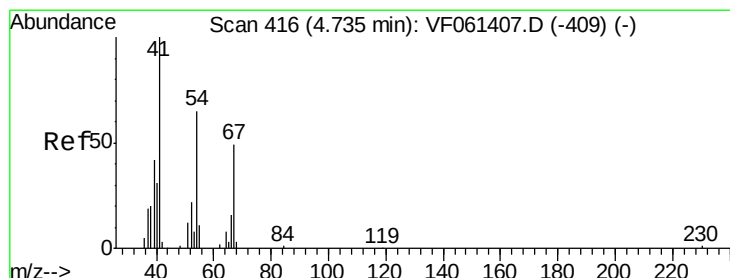
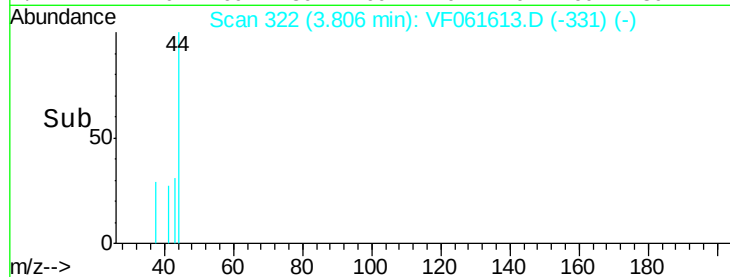
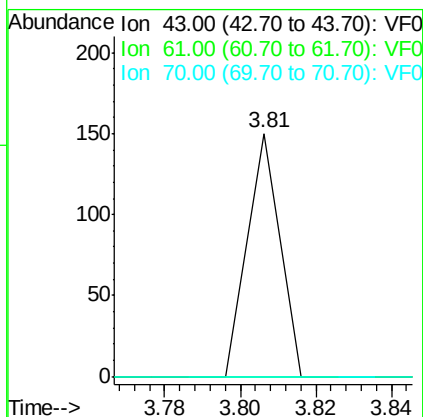
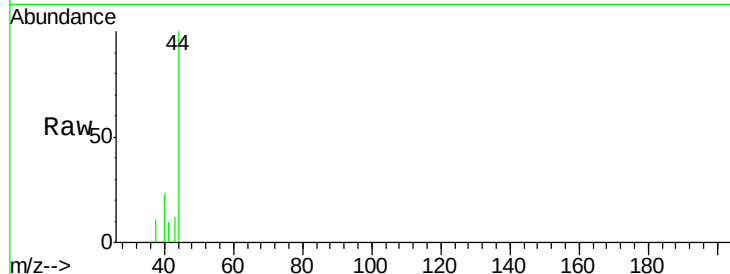




#37
Ethyl Acetate
Concen: 295.430 ug/l
RT: 3.81 min Scan# 322
Delta R.T. -0.29 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

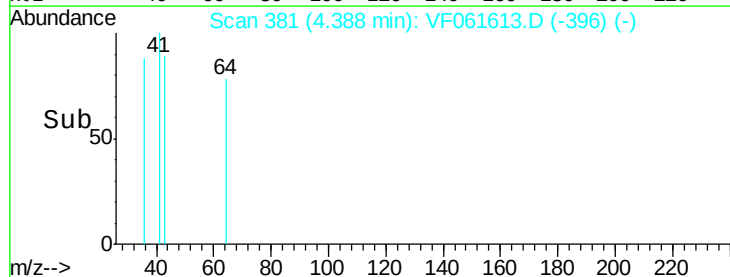
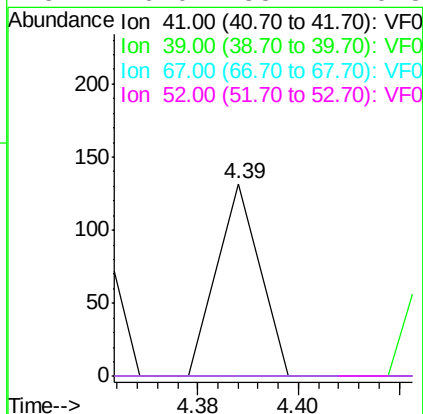
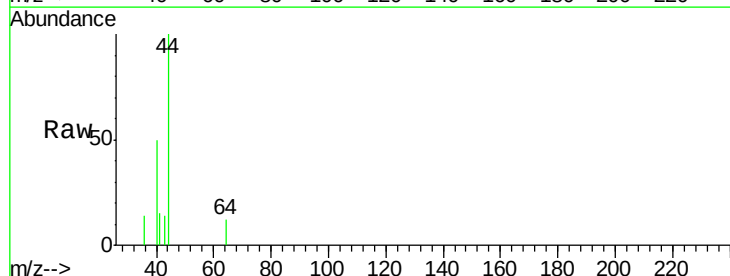
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-G

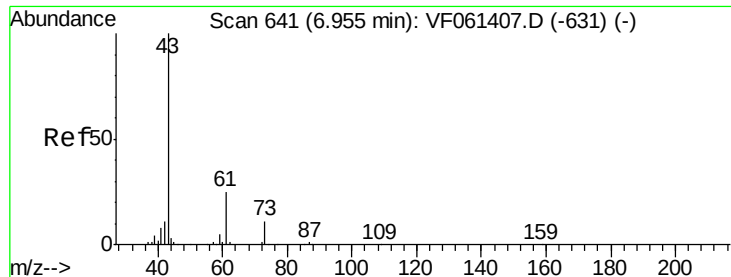
Tot Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
61 0.0 81.7 122.5#
70 0.0 6.2 9.2#



#41
Methacrylonitrile
Concen: 486.590 ug/l
RT: 4.39 min Scan# 381
Delta R.T. -0.35 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

Tgt Ion: 41 Resp: 78
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: 388.789 ug/l

RT: 6.55 min Scan# 600

Delta R.T. -0.41 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

JC-02-021119-G

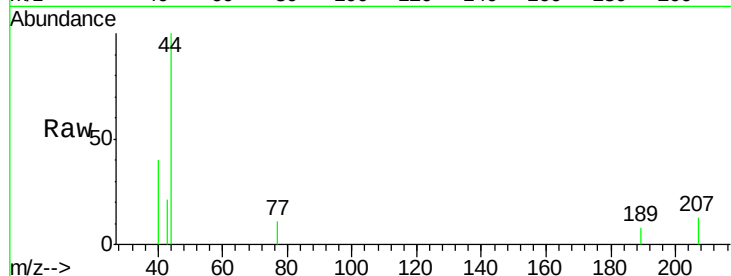
Tot Ion: 43 Resp: 147

Ion Ratio Lower Upper

43 100

61 0.0 20.3 30.5#

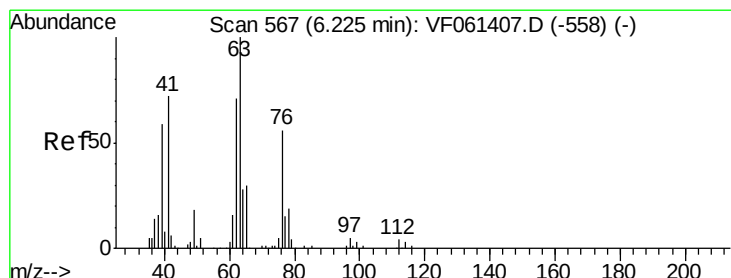
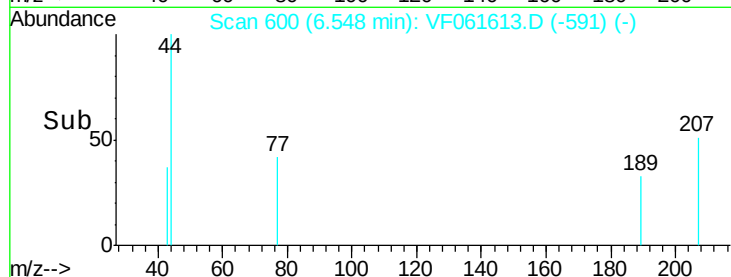
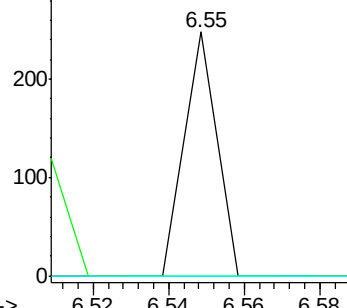
87 0.0 0.5 0.7#



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



#45

1,2-Dichloropropane

Concen: 159.044 ug/l

RT: 5.91 min Scan# 535

Delta R.T. -0.32 min

Lab File: VF061613.D

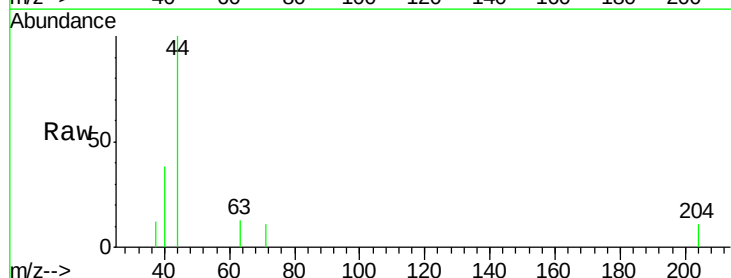
Acq: 12 Feb 2019 17:14

Tgt Ion: 63 Resp: 70

Ion Ratio Lower Upper

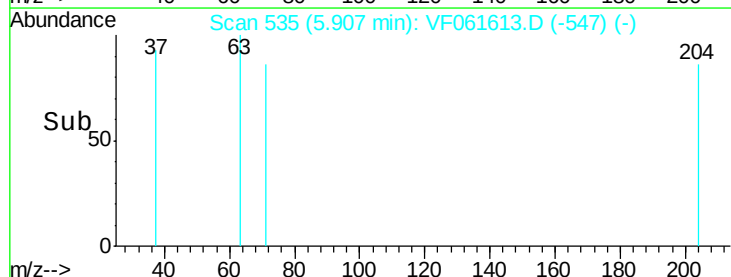
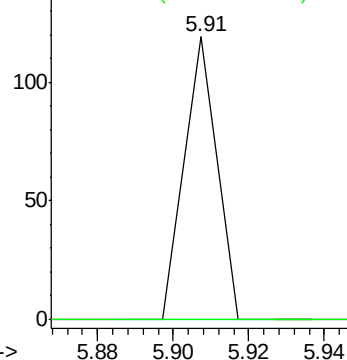
63 100

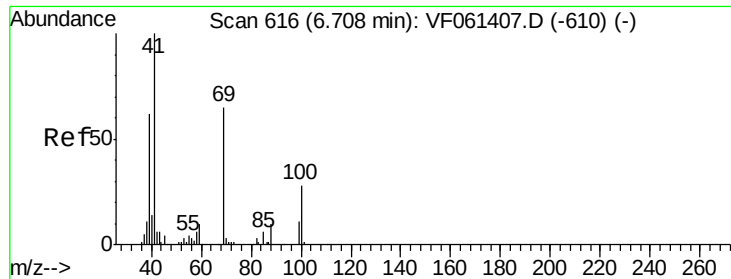
65 0.0 24.4 36.6#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

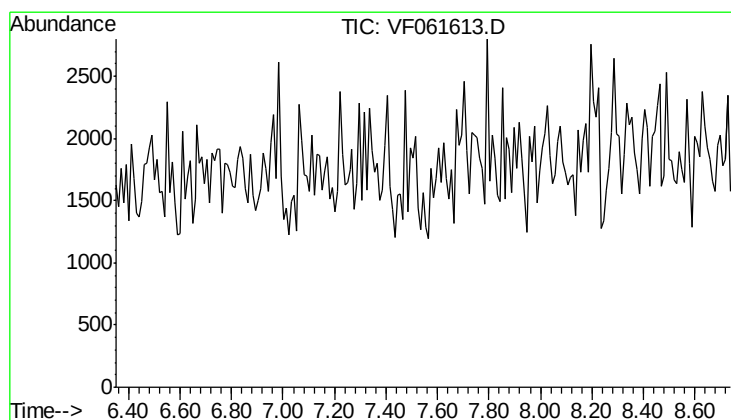
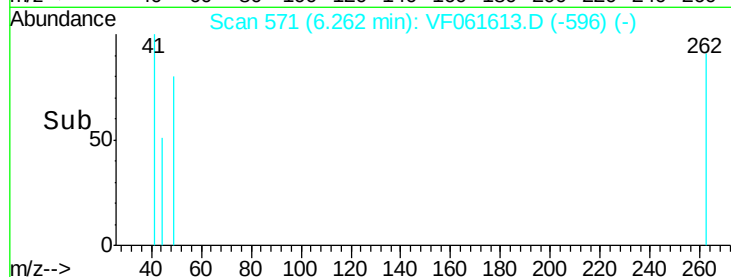
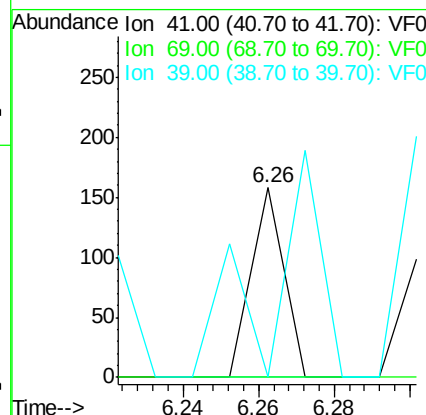
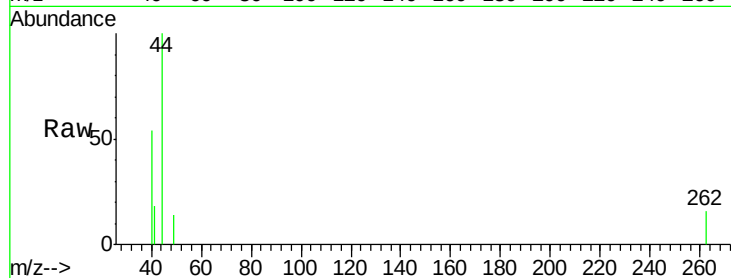




#48
Methyl methacrylate
Concen: 366.296 ug/l
RT: 6.26 min Scan# 571
Delta R.T. -0.45 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

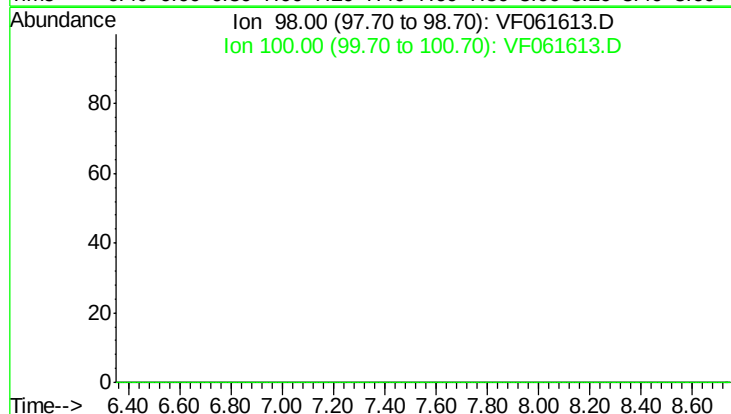
Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-G

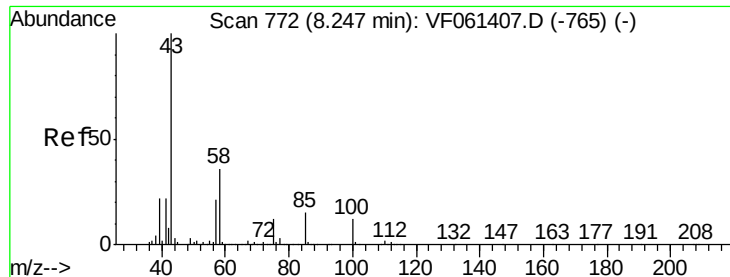
Tot Ion: 41 Resp: 93
Ion Ratio Lower Upper
41 100
69 0.0 51.7 77.5#
39 0.0 49.2 73.8#



#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.55 min
Lab File: VF061613.D
Acq: 12 Feb 2019 17:14

Tgt Ion: 98
Sig Exp Ratio
98 100
100 69.5





#51

4-Methyl-2-Pentanone

Concen: 435.313 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.54 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

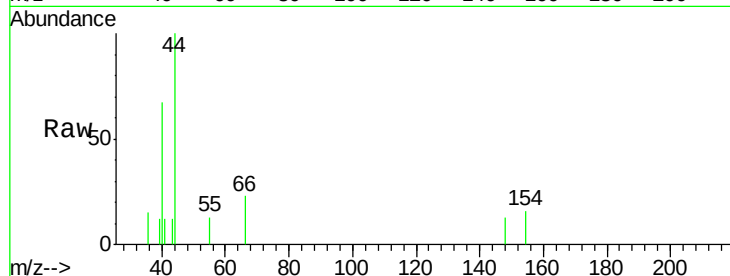
JC-02-021119-G

Tot Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150

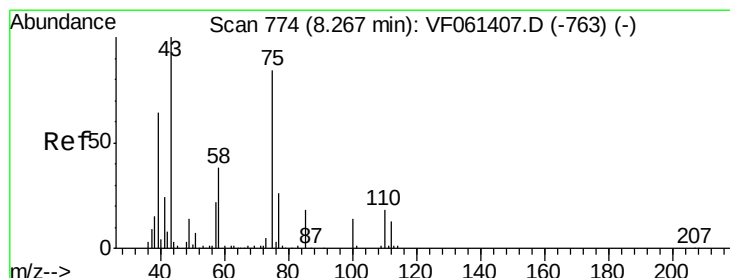
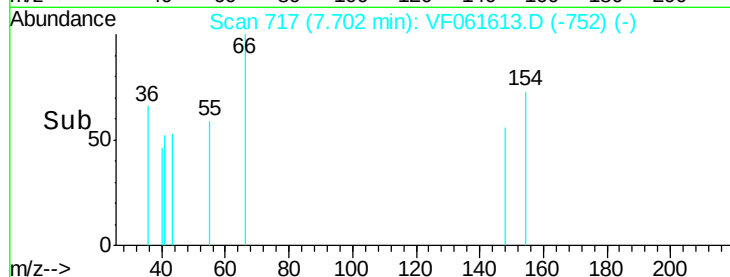
100

50

0

7.66 7.68 7.70 7.72 7.74

Time-->



#53

t-1,3-Dichloropropene

Concen: 116.527 ug/l

RT: 7.78 min Scan# 725

Delta R.T. -0.49 min

Lab File: VF061613.D

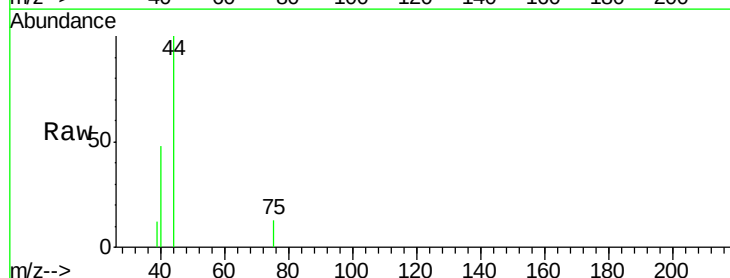
Acq: 12 Feb 2019 17:14

Tgt Ion: 75 Resp: 67

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

120

100

80

60

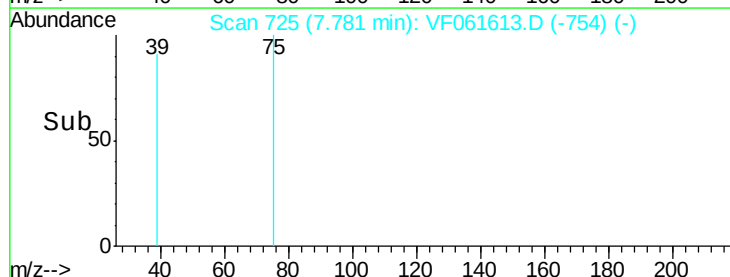
40

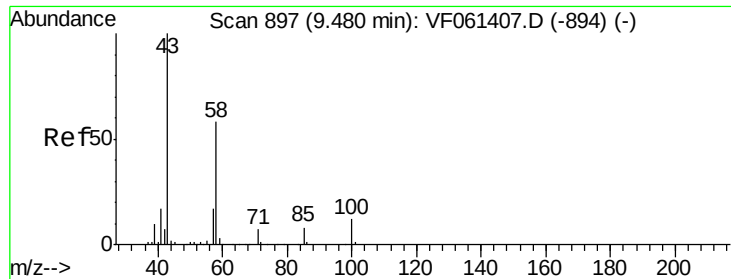
20

0

7.76 7.78 7.80

Time-->





#59

2-Hexanone

Concen: 438.534 ug/l

RT: 8.85 min Scan# 833

Delta R.T. -0.63 min

Lab File: VF061613.D

Acq: 12 Feb 2019 17:14

Instrument :

MSVOA_F

ClientSampleId :

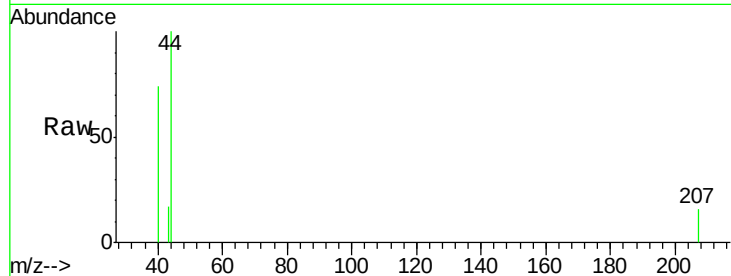
JC-02-021119-G

Tot Ion: 43 Resp: 85

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

8.85

150

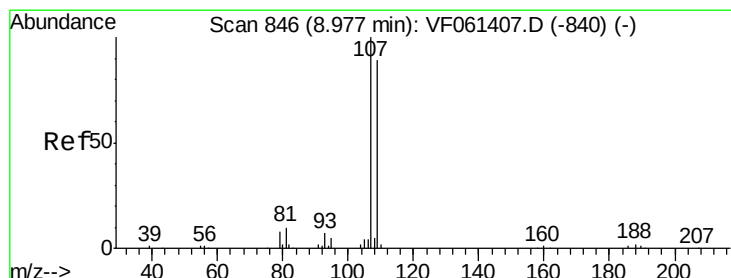
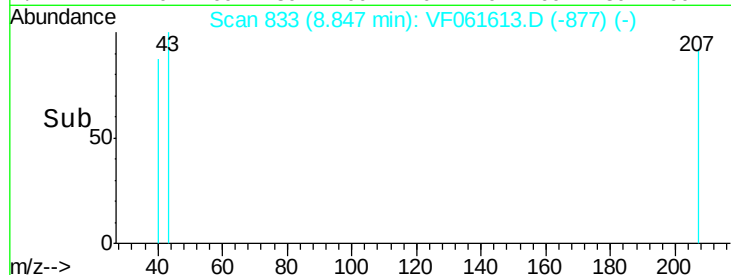
100

50

0

8.84 8.86

Time-->



#61

1,2-Dibromoethane

Concen: 167.125 ug/l

RT: 8.44 min Scan# 792

Delta R.T. -0.53 min

Lab File: VF061613.D

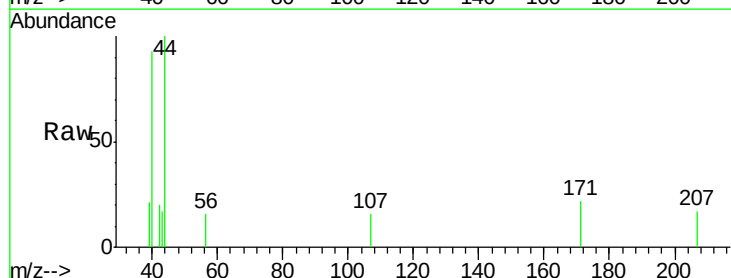
Acq: 12 Feb 2019 17:14

Tgt Ion: 107 Resp: 60

Ion Ratio Lower Upper

107 100

109 0.0 70.8 106.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.44

120

100

80

60

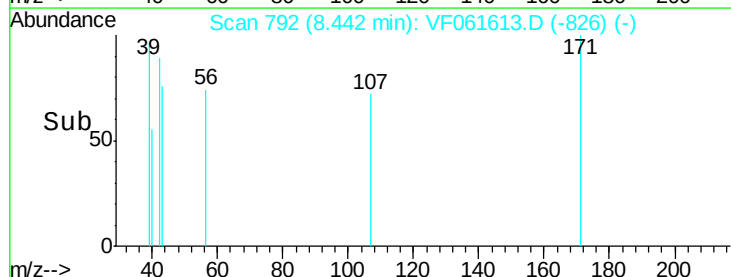
40

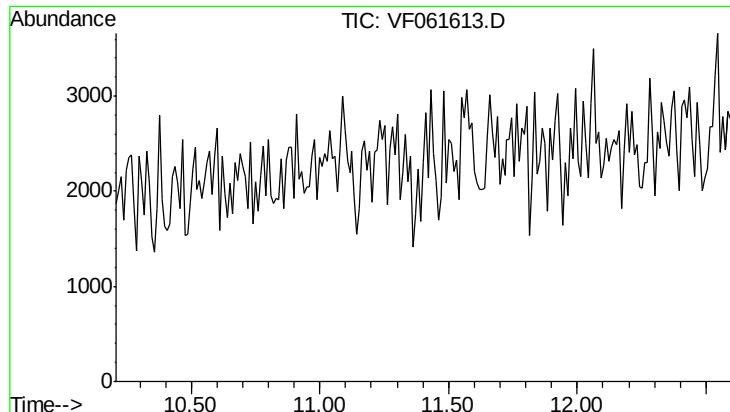
20

0

8.42 8.44 8.46

Time-->

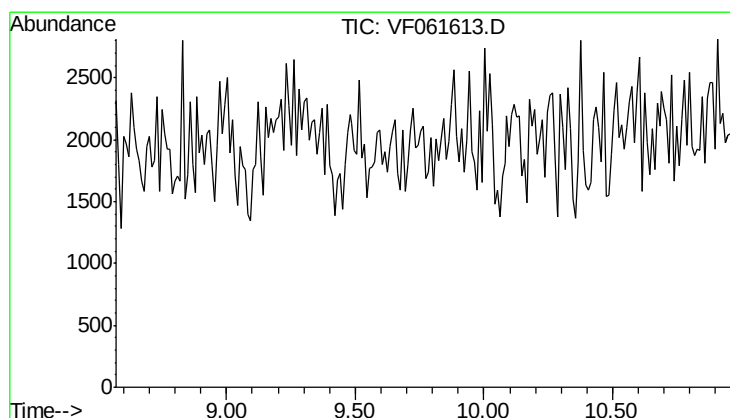
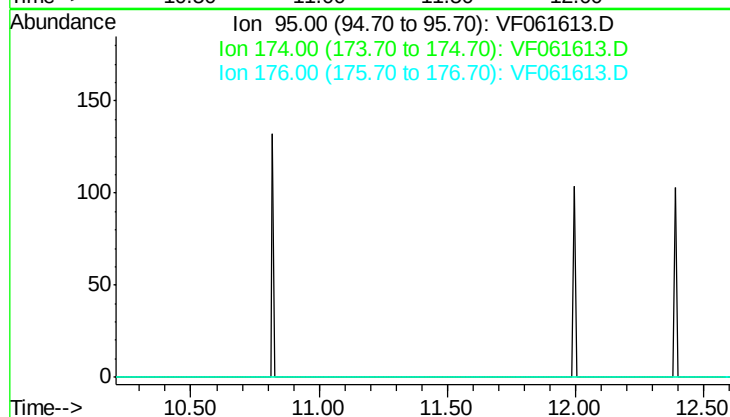




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.40 min
 Lab File: VF061613.D
 Acq: 12 Feb 2019 17:14

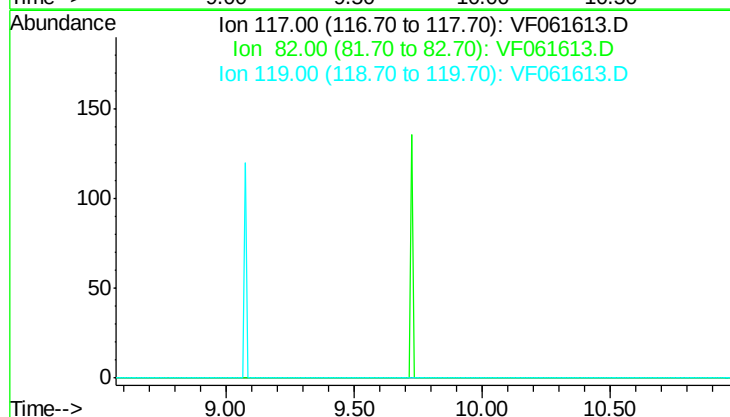
Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-021119-G

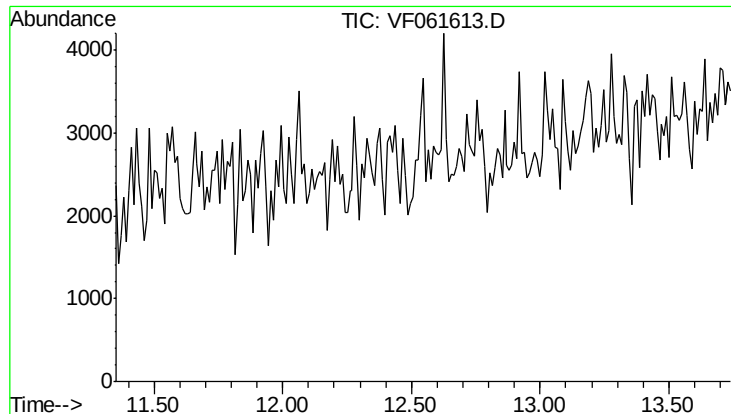
Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 65.2
 176 63.1



#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 9.77 min
 Lab File: VF061613.D
 Acq: 12 Feb 2019 17:14

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: VF061613.D
 Acq: 12 Feb 2019 17:14

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

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

