

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061444.D
 Acq On : 17 Jan 2019 14:58
 Operator : VA/AP
 Sample : K1157-10RE
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-05-011519RE

Quant Time: Jan 18 03:18:46 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	4.95	168	78	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	5.55	114	68	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.72	117	67	50.00	ug/l	-0.04
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	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.13	50	74	65.851	ug/l #	1
4) Vinyl Chloride	1.16	62	113	113.042	ug/l #	43
5) Bromomethane	1.36	94	596	914.316	ug/l #	2
6) Chloroethane	1.41	64	83	187.383	ug/l #	1
7) Trichlorofluoromethane	1.51	101	77	39.623	ug/l #	19
8) Diethyl Ether	1.64	74	78	313.245	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	1.75	101	62	66.398	ug/l #	20
10) Methyl Iodide	1.91	142	70	48.356	ug/l #	27
12) 1,1-Dichloroethene	1.84	96	69	99.462	ug/l #	1
13) Acrolein	2.08	56	173	4733.908	ug/l	91
14) Allyl chloride	2.14	41	397	244.002	ug/l #	64
15) Acrylonitrile	2.82	53	76	727.878	ug/l #	14
16) Acetone	2.16	43	763	3949.456	ug/l #	61
17) Carbon Disulfide	1.78	76	74	34.210	ug/l #	69
18) Methyl Acetate	2.41	43	899	2346.472	ug/l #	61
19) Methyl tert-butyl Ether	2.50	73	60	38.582	ug/l #	59
20) Methylene Chloride	2.27	84	95	148.318	ug/l #	7
21) trans-1,2-Dichloroethene	2.43	96	89	116.604	ug/l #	1
22) Diisopropyl ether	2.87	45	62	25.114	ug/l #	41
23) Vinyl Acetate	3.25	43	581	531.410	ug/l #	78
25) 2-Butanone	4.38	43	133	413.984	ug/l #	57
26) 2,2-Dichloropropane	3.67	77	61	64.078	ug/l #	61
29) Tetrahydrofuran	4.15	42	105	759.021	ug/l #	38
30) Chloroform	4.01	83	63	30.128	ug/l #	17
32) 1,1,1-Trichloroethane	4.23	97	70	45.654	ug/l #	22
37) Ethyl Acetate	4.06	43	157	498.160	ug/l #	5
41) Methacrylonitrile	4.70	41	66	393.565	ug/l #	29
43) Isopropyl Acetate	6.87	43	83	209.836	ug/l #	51
45) 1,2-Dichloropropane	6.18	63	88	191.120	ug/l #	44
46) Dibromomethane	6.15	93	113	369.080	ug/l #	6
48) Methyl methacrylate	6.66	41	63	237.189	ug/l #	27
51) 4-Methyl-2-Pentanone	8.19	43	148	508.959	ug/l #	39
59) 2-Hexanone	9.41	43	241	1188.518	ug/l #	26

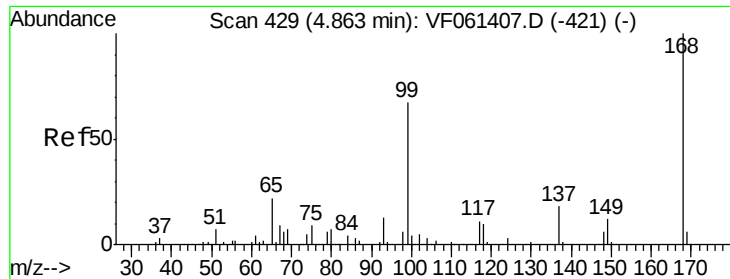
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061444.D
Acq On : 17 Jan 2019 14:58
Operator : VA/AP
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 438

Delta R.T. 0.08 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

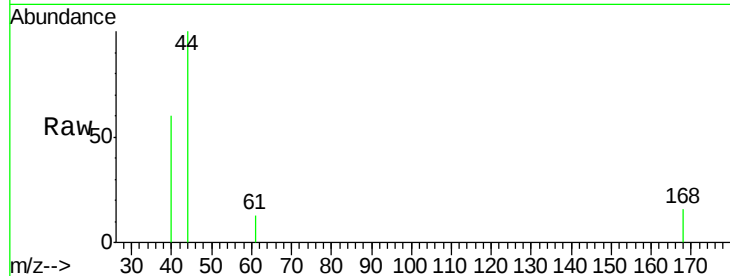
WC-05-011519RE

Tot Ion:168 Resp: 78

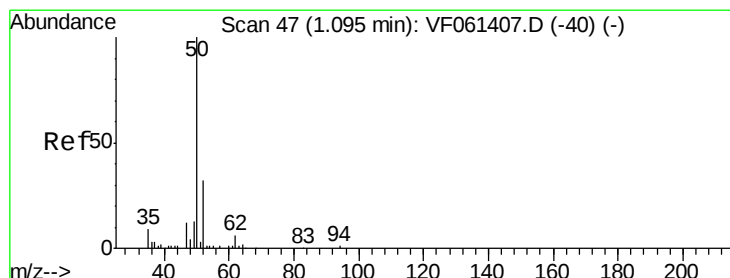
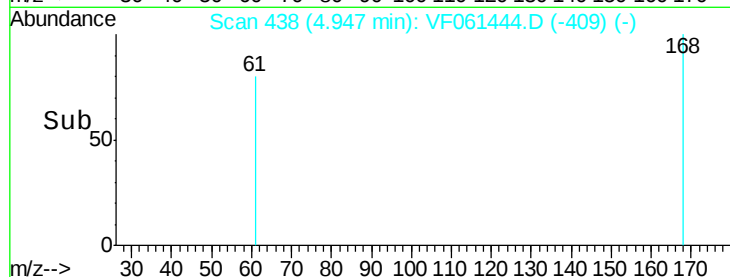
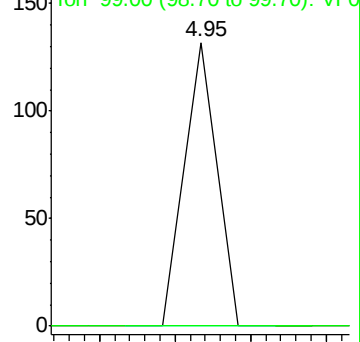
Ion Ratio Lower Upper

168 100

99 0.0 53.5 80.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 65.851 ug/l

RT: 1.13 min Scan# 51

Delta R.T. 0.03 min

Lab File: VF061444.D

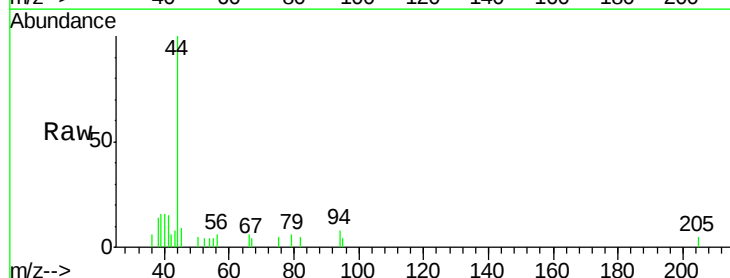
Acq: 17 Jan 2019 14:58

Tgt Ion: 50 Resp: 74

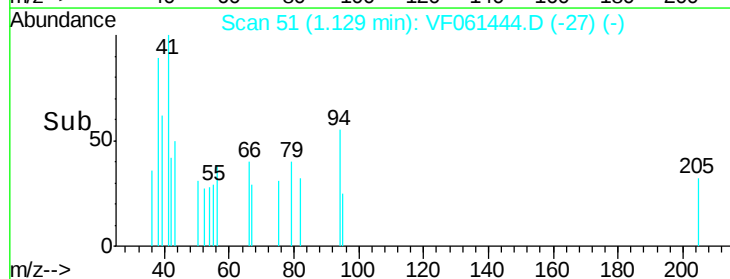
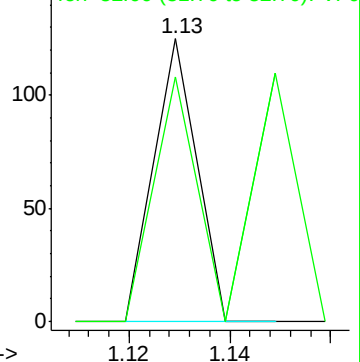
Ion Ratio Lower Upper

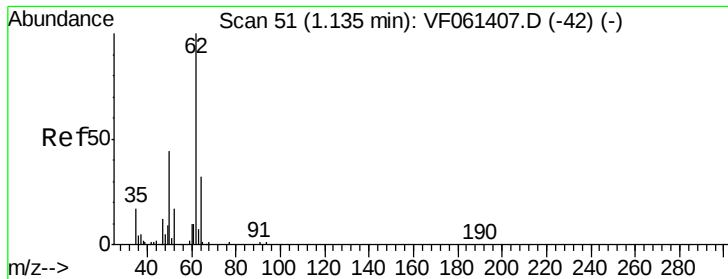
50 100

52 86.4 24.6 36.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#4

Vinyl Chloride

Concen: 113.042 ug/l

RT: 1.16 min Scan# 54

Delta R.T. 0.02 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

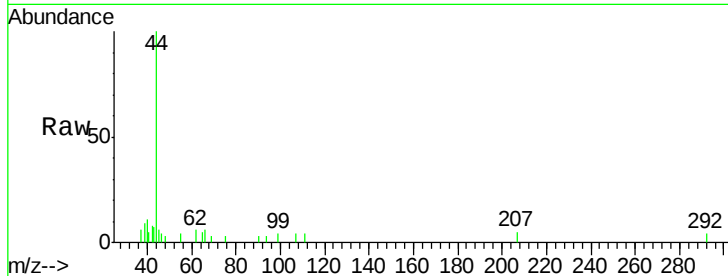
WC-05-011519RE

Tot Ion: 62 Resp: 113

Ion Ratio Lower Upper

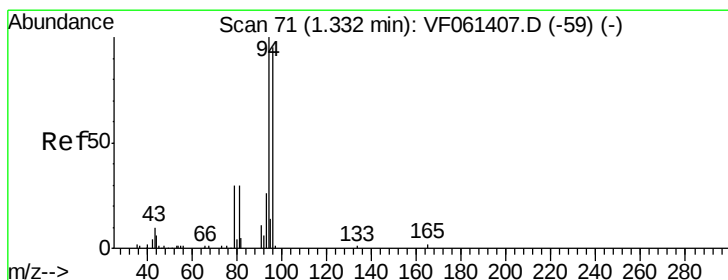
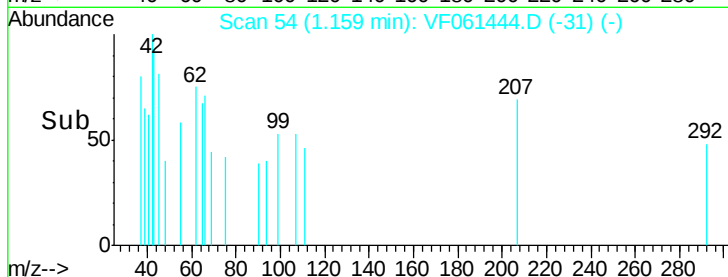
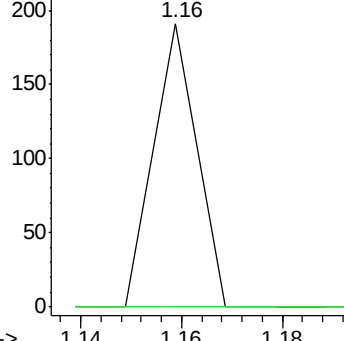
62 100

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: 914.316 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.02 min

Lab File: VF061444.D

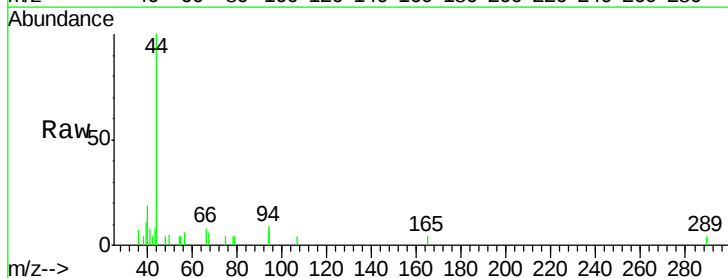
Acq: 17 Jan 2019 14:58

Tgt Ion: 94 Resp: 596

Ion Ratio Lower Upper

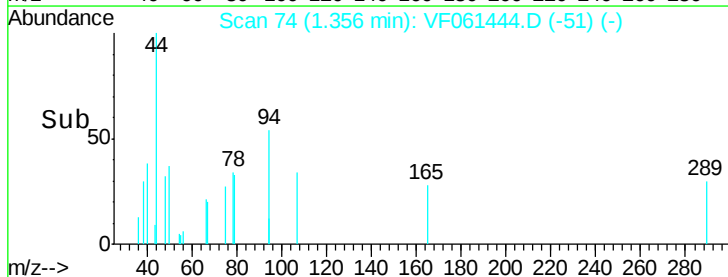
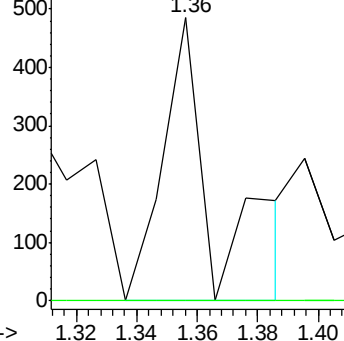
94 100

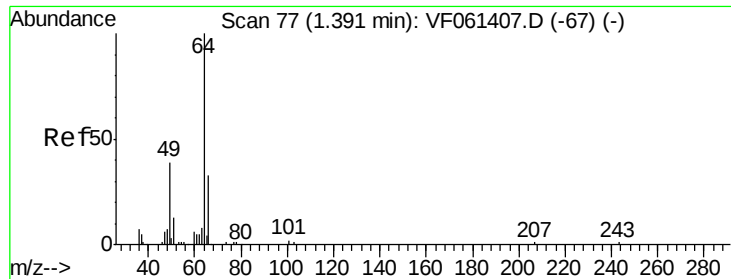
96 0.0 76.0 114.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#6

Chloroethane

Concen: 187.383 ug/l

RT: 1.41 min Scan# 79

Delta R.T. 0.01 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

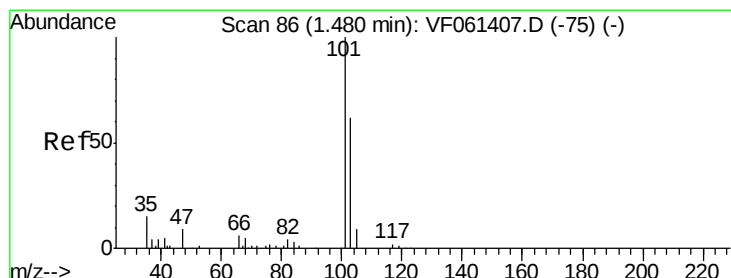
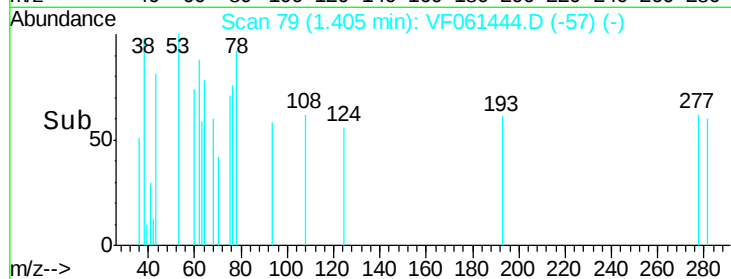
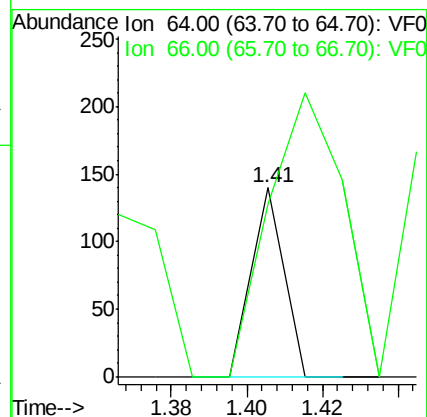
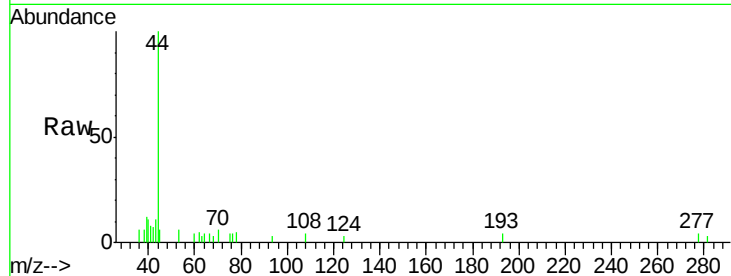
WC-05-011519RE

Tot Ion: 64 Resp: 83

Ion Ratio Lower Upper

64 100

66 91.4 26.6 40.0#



#7

Trichlorofluoromethane

Concen: 39.623 ug/l

RT: 1.51 min Scan# 90

Delta R.T. 0.03 min

Lab File: VF061444.D

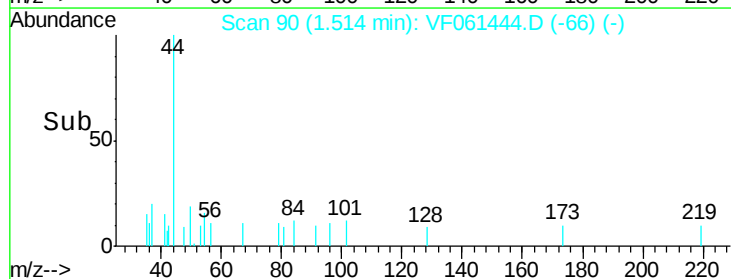
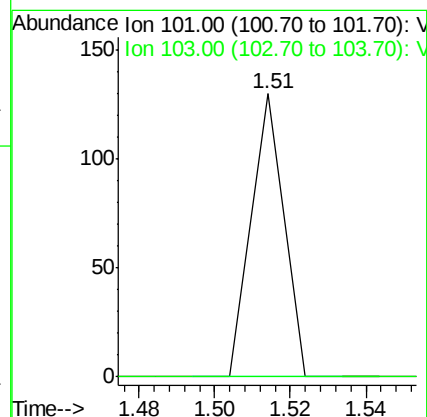
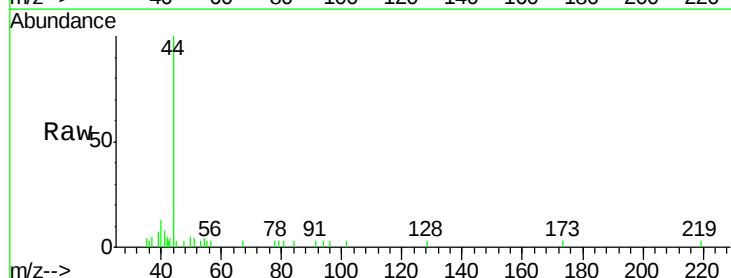
Acq: 17 Jan 2019 14:58

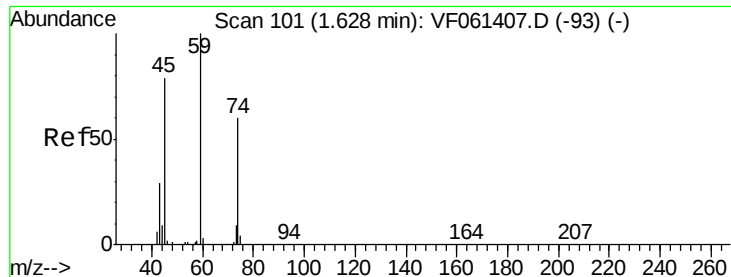
Tgt Ion:101 Resp: 77

Ion Ratio Lower Upper

101 100

103 0.0 49.7 74.5#





#8

Diethyl Ether

Concen: 313.245 ug/l

RT: 1.64 min Scan# 103

Delta R.T. 0.01 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

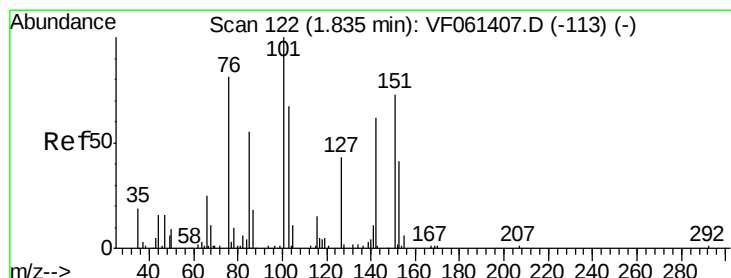
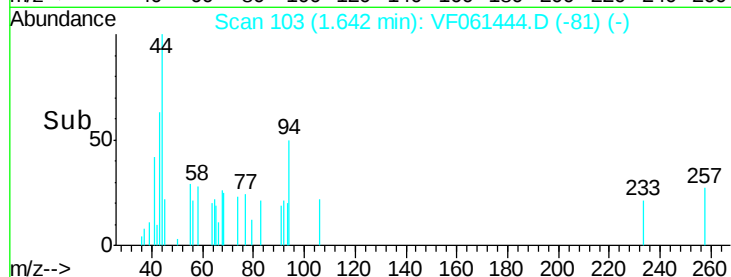
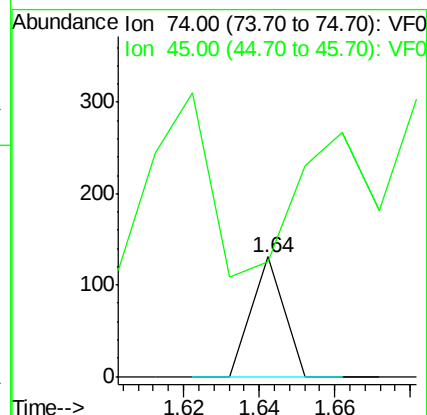
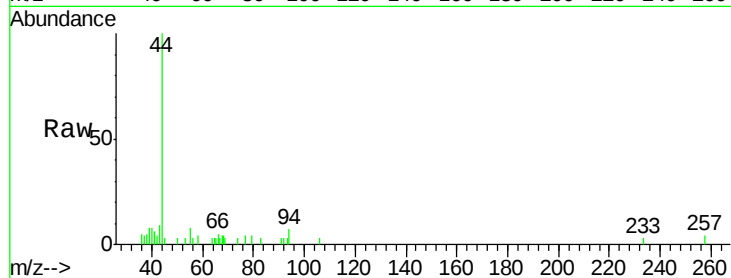
WC-05-011519RE

Tot Ion: 74 Resp: 78

Ion Ratio Lower Upper

74 100

45 95.4 65.8 197.5



#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.398 ug/l

RT: 1.75 min Scan# 114

Delta R.T. -0.08 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

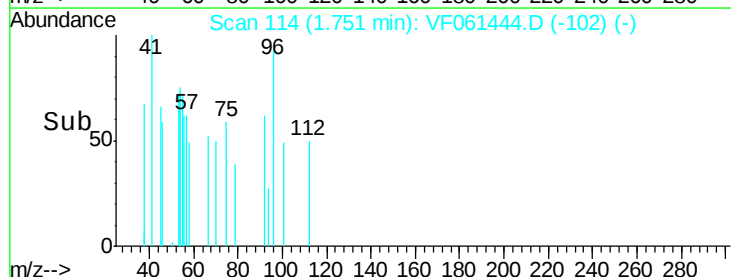
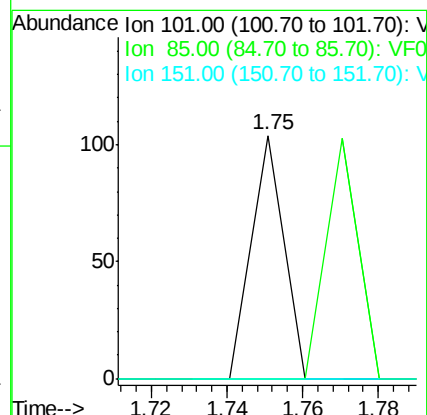
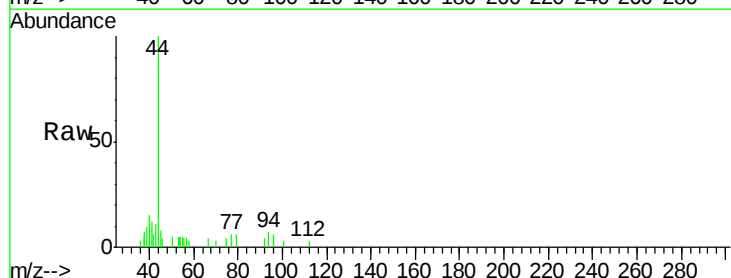
Tgt Ion: 101 Resp: 62

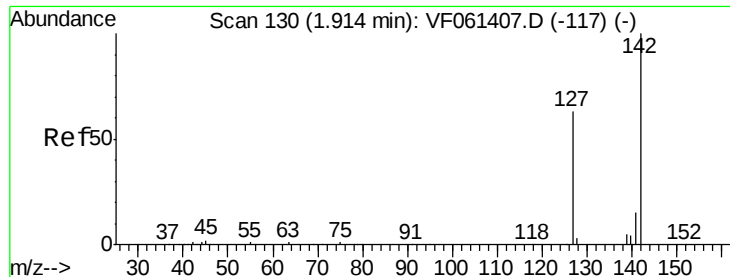
Ion Ratio Lower Upper

101 100

85 0.0 41.9 62.9#

151 0.0 55.1 82.7#

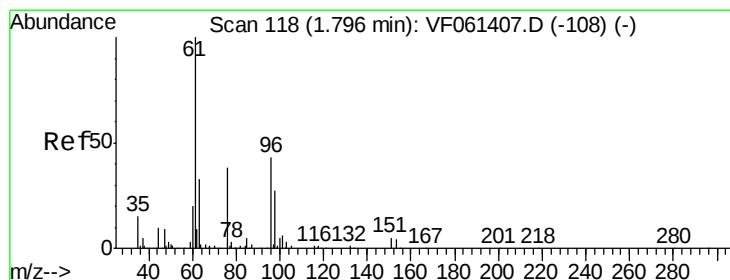
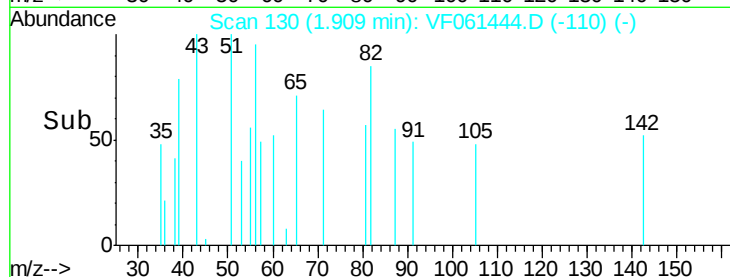
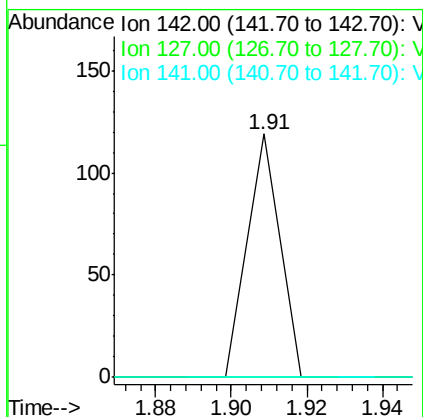
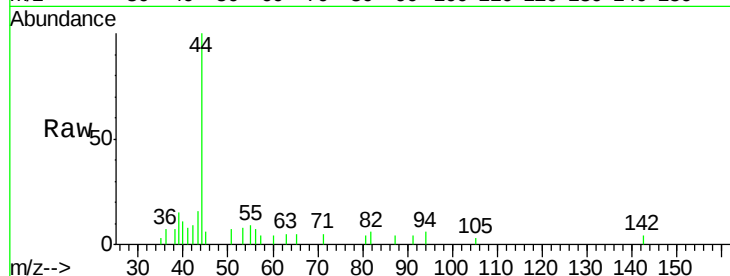




#10
Methvl Iodide
Concen: 48.356 ug/l
RT: 1.91 min Scan# 130
Delta R.T. -0.01 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

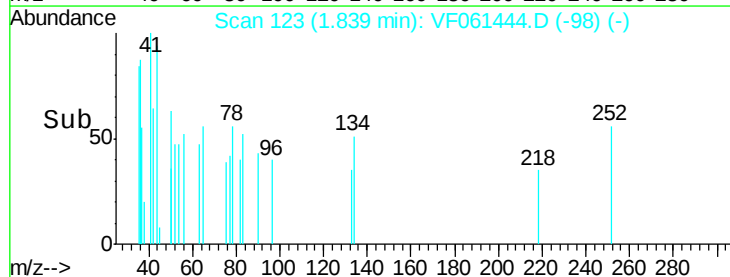
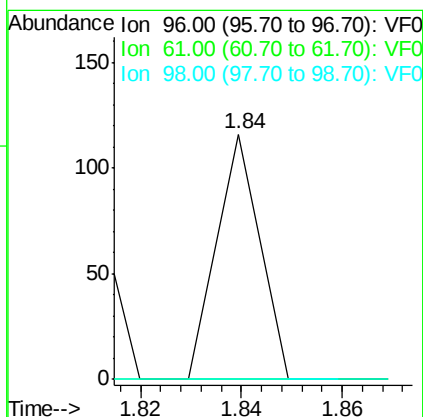
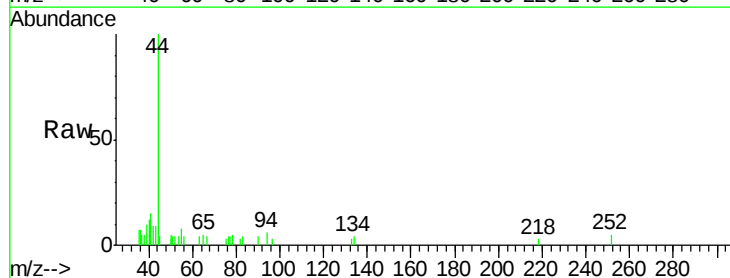
Instrument :
MSVOA_F
ClientSampleId :
WC-05-011519RE

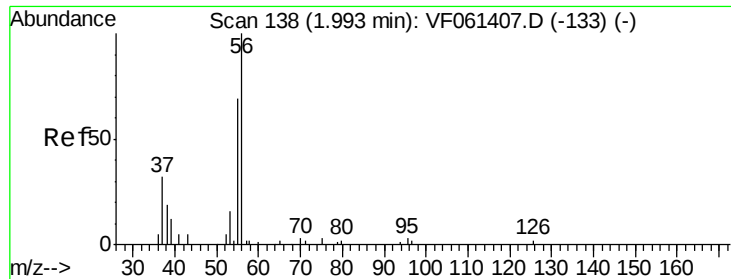
Tot Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 50.7 76.1#
141 0.0 11.8 17.6#



#12
1,1-Dichloroethene
Concen: 99.462 ug/l
RT: 1.84 min Scan# 123
Delta R.T. 0.04 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

Tgt Ion: 96 Resp: 69
Ion Ratio Lower Upper
96 100
61 0.0 186.9 280.3#
98 0.0 53.0 79.4#

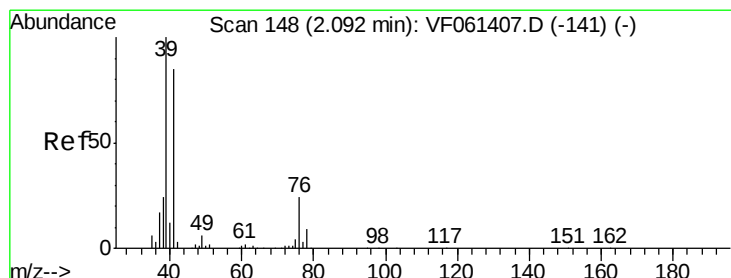
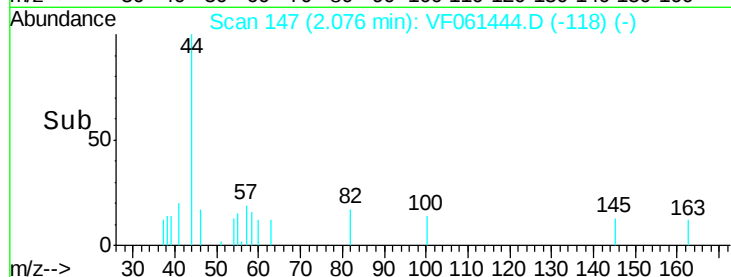
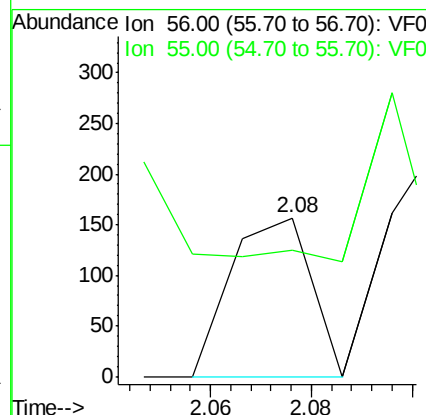
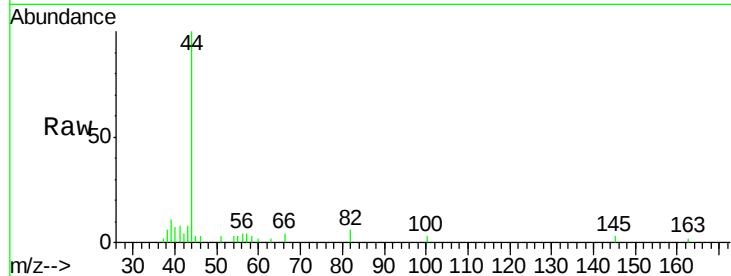




#13
Acrolein
Concen: 4733.908 ug/l
RT: 2.08 min Scan# 147
Delta R.T. 0.08 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

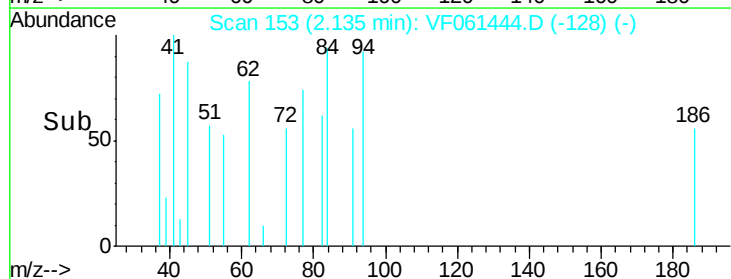
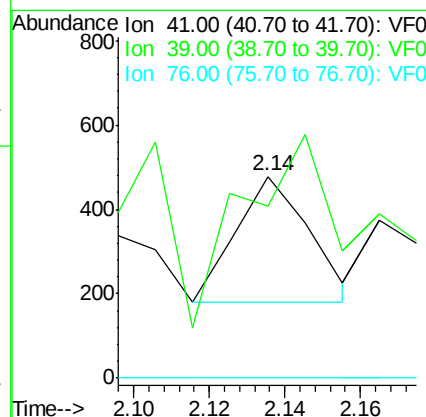
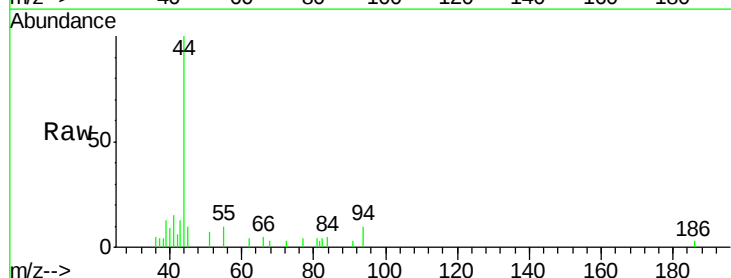
Instrument :
MSVOA_F
ClientSampleId :
WC-05-011519RE

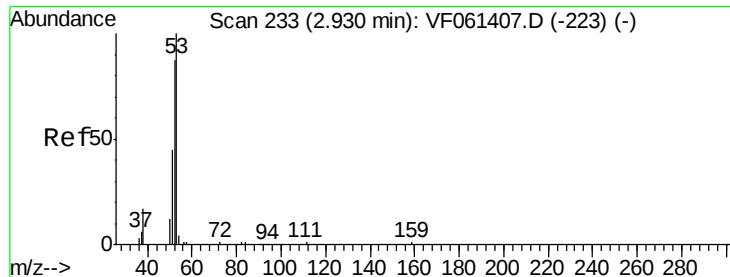
Tot Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 79.6 57.5 86.3



#14
Allyl chloride
Concen: 244.002 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.04 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

Tgt Ion: 41 Resp: 397
Ion Ratio Lower Upper
41 100
39 85.1 94.6 141.8#
76 0.0 25.9 38.9#





#15

Acrylonitrile

Concen: 727.878 ug/l

RT: 2.82 min Scan# 222

Delta R.T. -0.11 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519RE

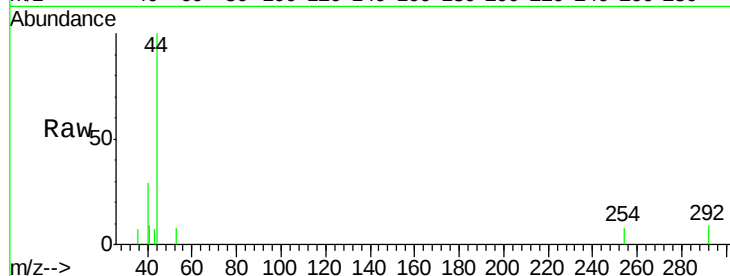
Tot Ion: 53 Resp: 76

Ion Ratio Lower Upper

53 100

52 0.0 69.6 104.4#

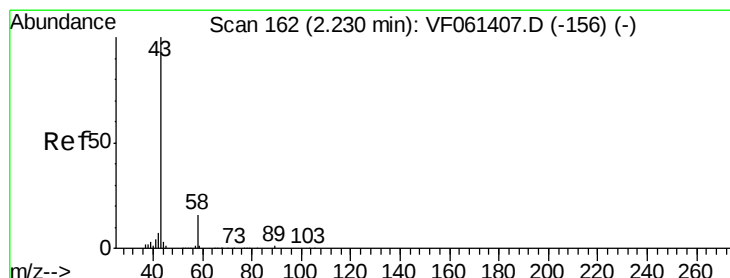
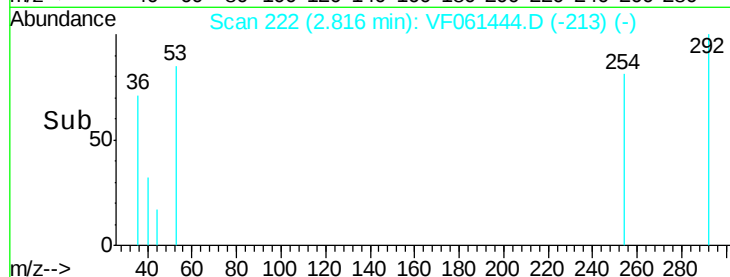
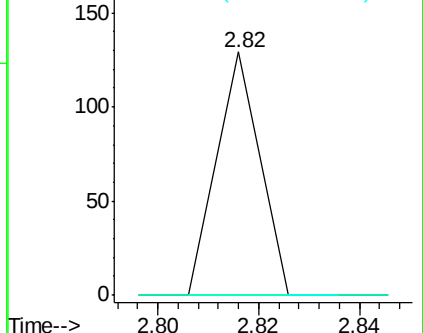
51 0.0 36.8 55.2#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 3949.456 ug/l

RT: 2.16 min Scan# 155

Delta R.T. -0.07 min

Lab File: VF061444.D

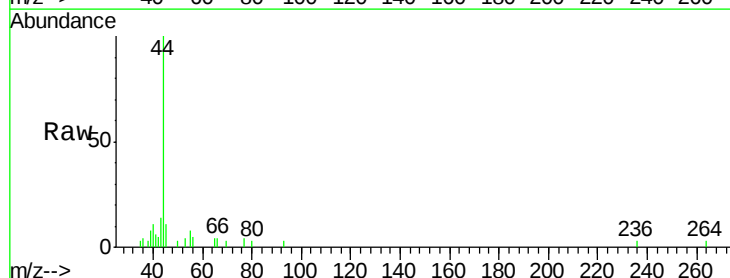
Acq: 17 Jan 2019 14:58

Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

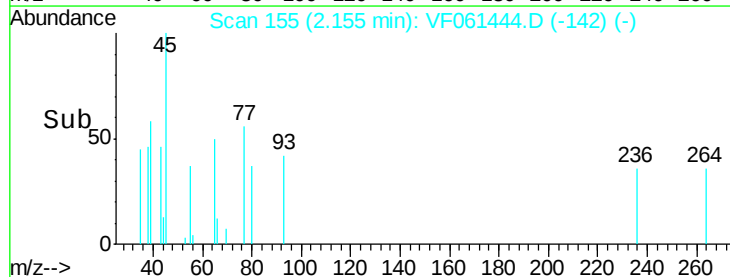
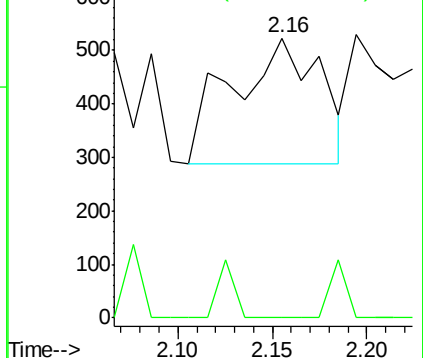
43 100

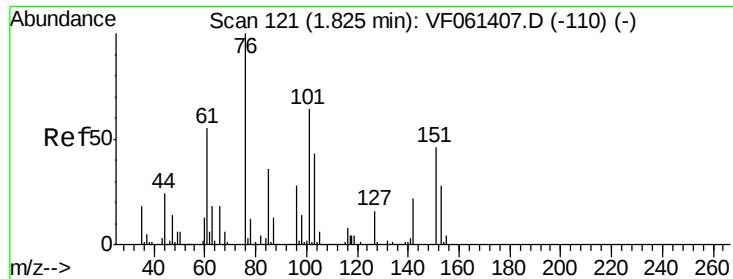
58 0.0 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

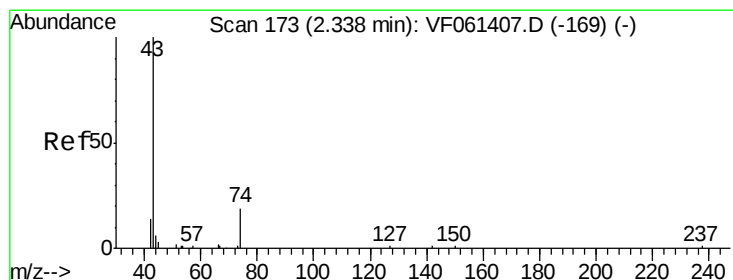
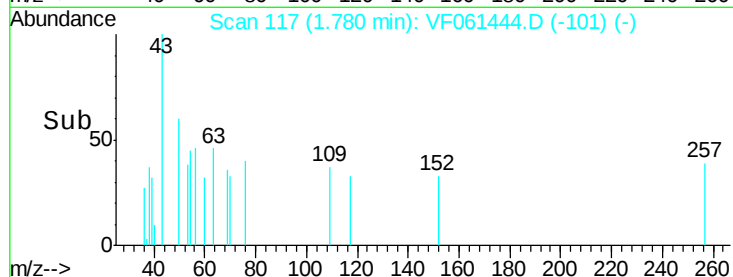
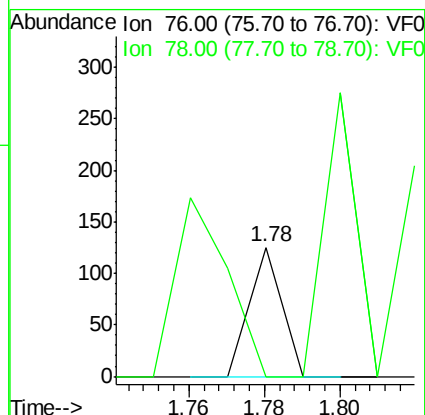
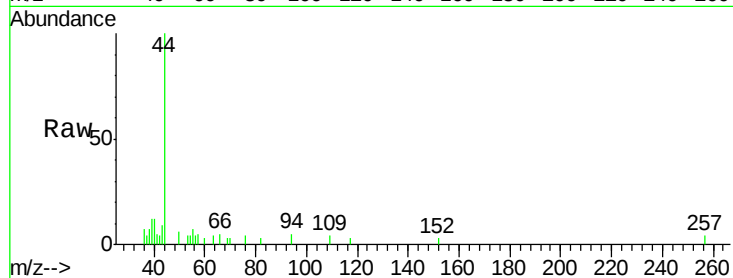




#17
Carbon Disulfide
Concen: 34.210 ug/l
RT: 1.78 min Scan# 117
Delta R.T. -0.04 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

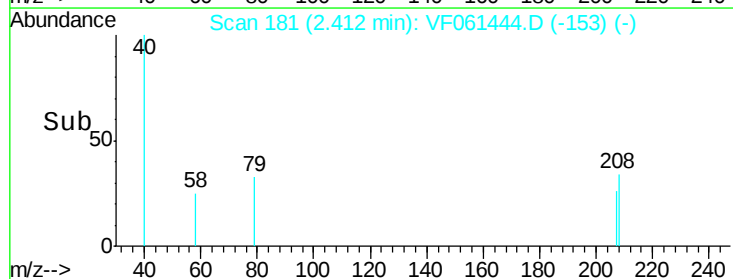
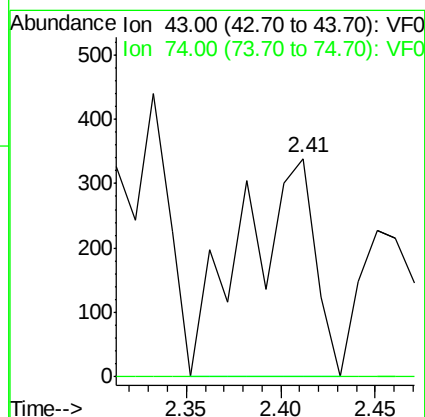
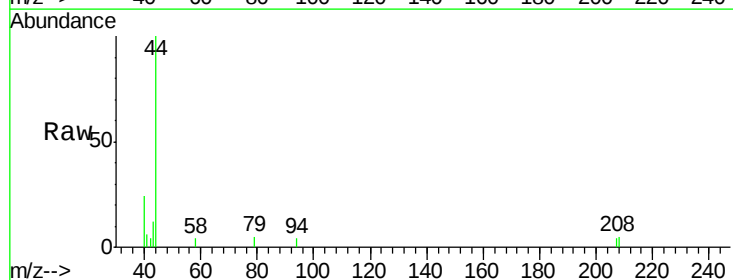
Instrument :
MSVOA_F
ClientSampleId :
WC-05-011519RE

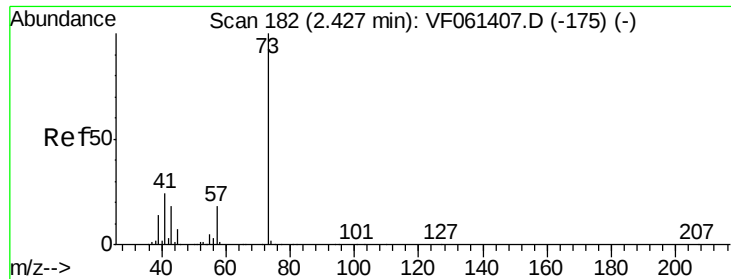
Tot Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 9.6 14.4#



#18
Methyl Acetate
Concen: 2346.472 ug/l
RT: 2.41 min Scan# 181
Delta R.T. 0.07 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 0.0 13.4 20.0#



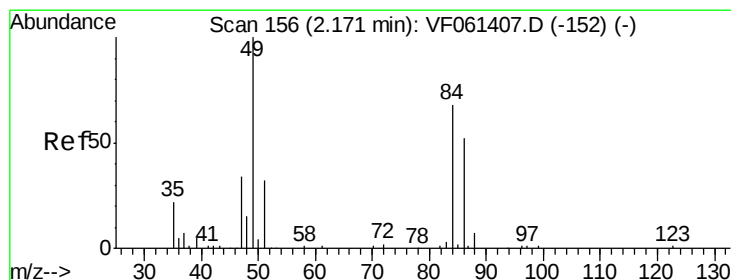
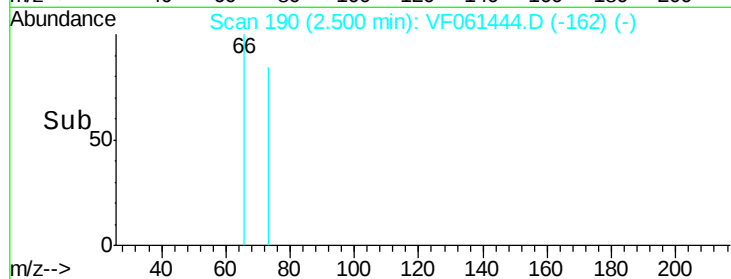
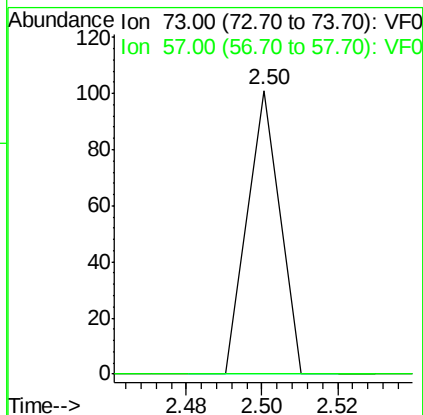
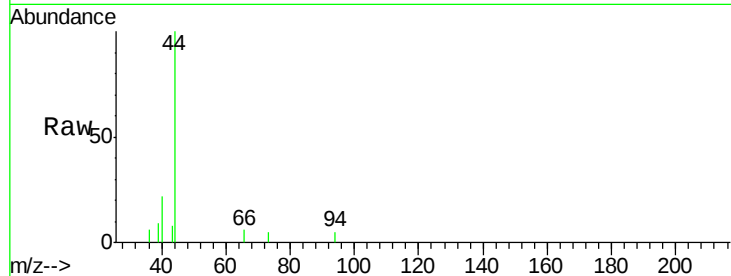


#19

Methyl tert-butyl Ether
 Concen: 38.582 ug/l
 RT: 2.50 min Scan# 190
 Delta R.T. 0.07 min
 Lab File: VF061444.D
 Acq: 17 Jan 2019 14:58

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-05-011519RE

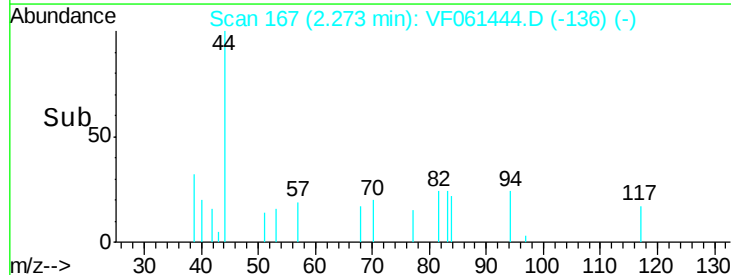
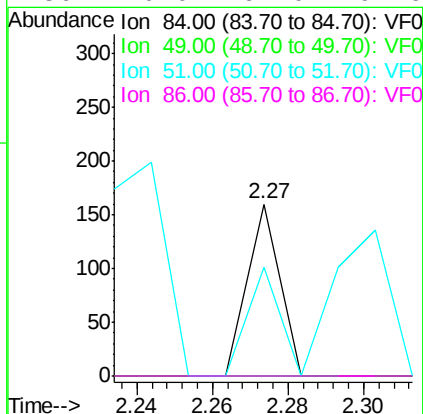
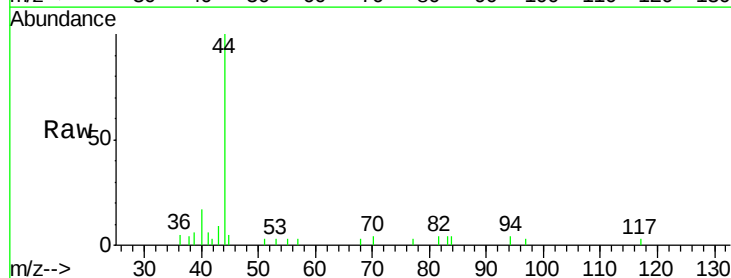
Tot Ion: 73 Resp: 60
 Ion Ratio Lower Upper
 73 100
 57 0.0 14.8 22.2#

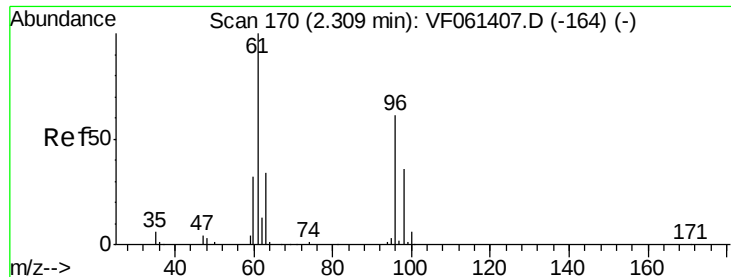


#20

Methylene Chloride
 Concen: 148.318 ug/l
 RT: 2.27 min Scan# 167
 Delta R.T. 0.10 min
 Lab File: VF061444.D
 Acq: 17 Jan 2019 14:58

Tgt Ion: 84 Resp: 95
 Ion Ratio Lower Upper
 84 100
 49 0.0 120.0 180.0#
 51 63.1 38.6 58.0#
 86 0.0 61.0 91.6#





#21

trans-1,2-Dichloroethene

Concen: 116.604 ug/l

RT: 2.43 min Scan# 183

Delta R.T. 0.12 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519RE

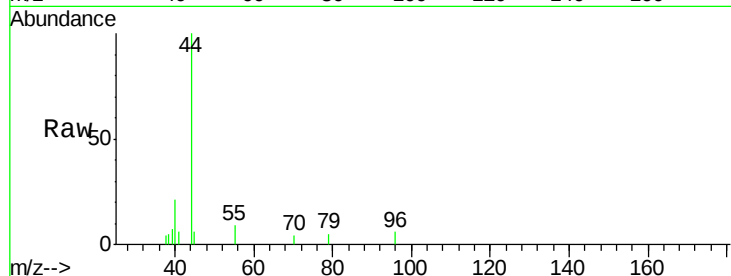
Tot Ion: 96 Resp: 89

Ion Ratio Lower Upper

96 100

61 0.0 131.8 197.8#

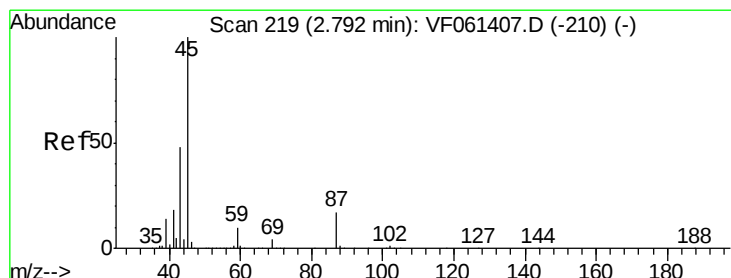
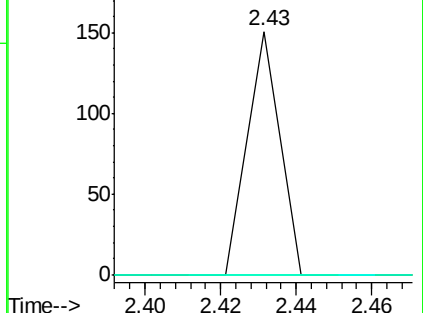
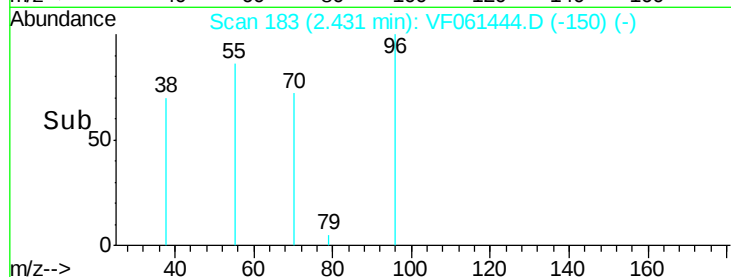
98 0.0 47.4 71.0#



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



#22

Diisopropyl ether

Concen: 25.114 ug/l

RT: 2.87 min Scan# 227

Delta R.T. 0.07 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Tgt Ion: 45 Resp: 62

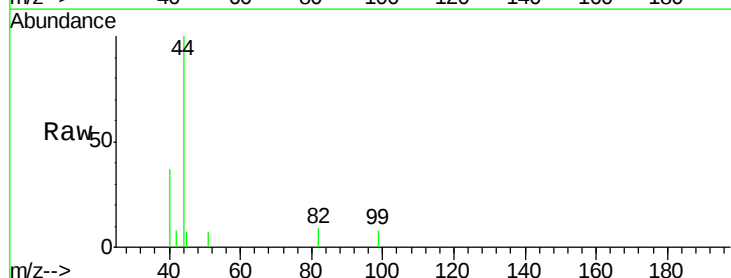
Ion Ratio Lower Upper

45 100

43 0.0 39.0 58.6#

87 0.0 13.9 20.9#

59 0.0 7.8 11.6#

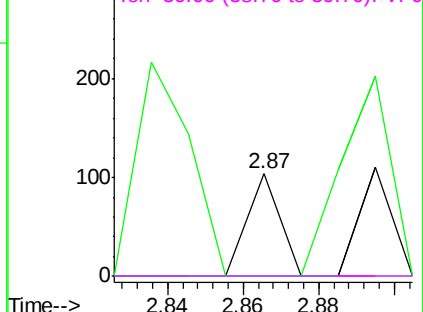
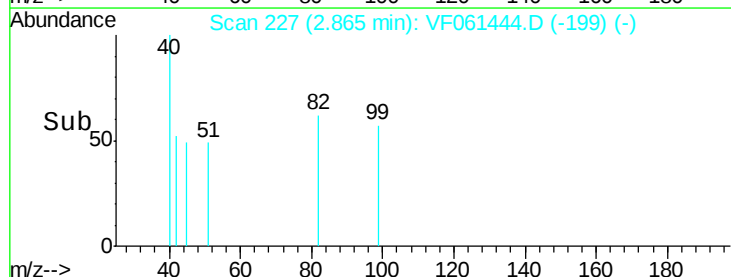


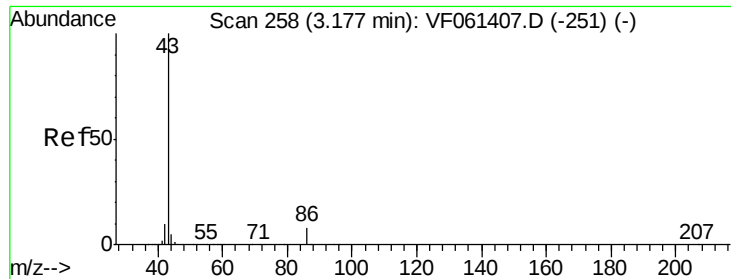
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 531.410 ug/l

RT: 3.25 min Scan# 266

Delta R.T. 0.07 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

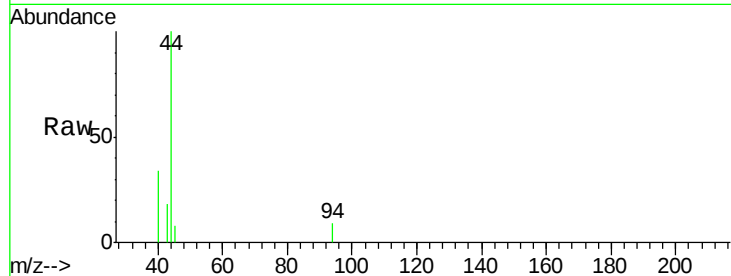
WC-05-011519RE

Tot Ion: 43 Resp: 581

Ion Ratio Lower Upper

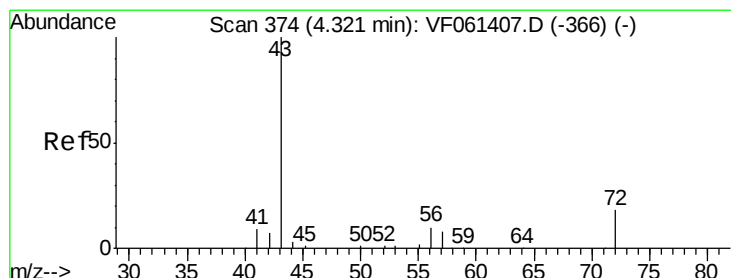
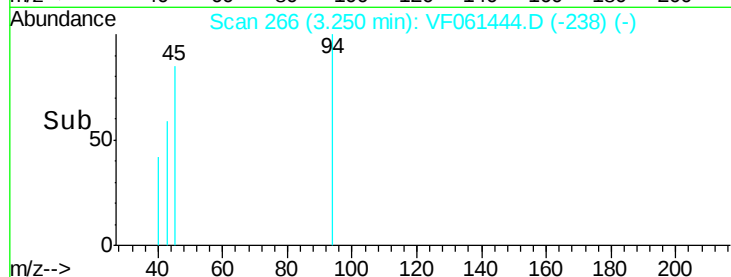
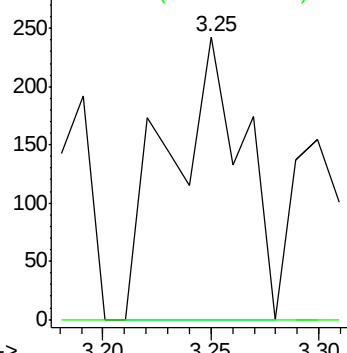
43 100

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: 413.984 ug/l

RT: 4.38 min Scan# 381

Delta R.T. 0.06 min

Lab File: VF061444.D

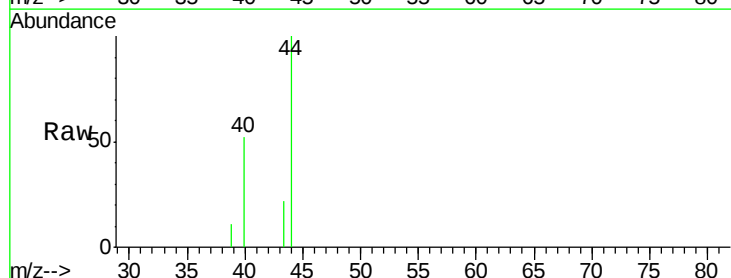
Acq: 17 Jan 2019 14:58

Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

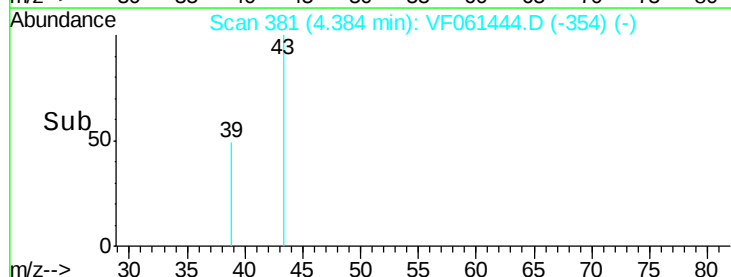
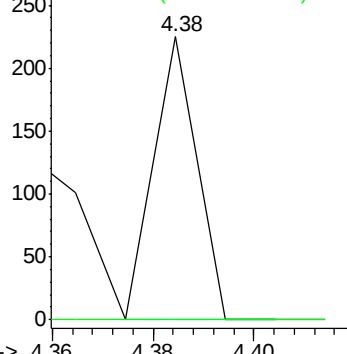
43 100

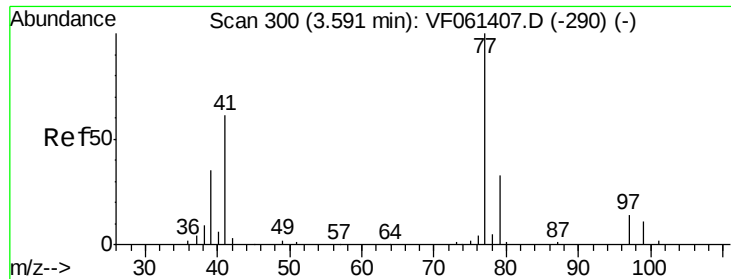
72 0.0 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 64.078 ug/l

RT: 3.67 min Scan# 309

Delta R.T. 0.08 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

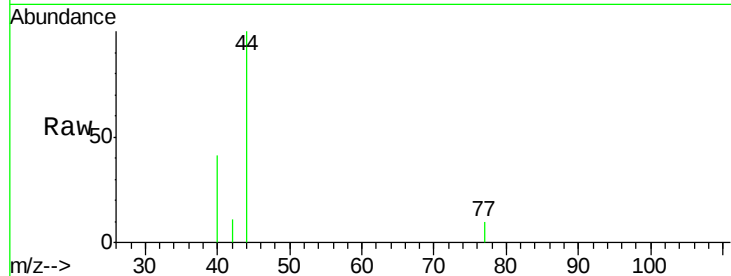
WC-05-011519RE

Tot Ion: 77 Resp: 61

Ion Ratio Lower Upper

77 100

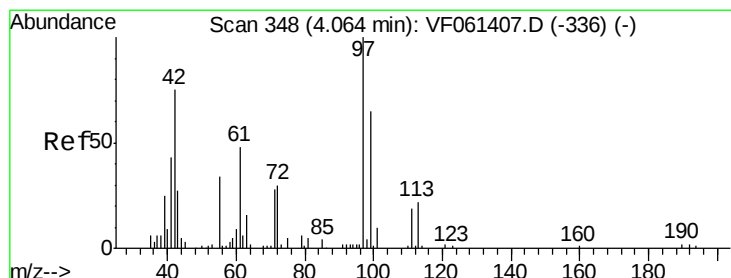
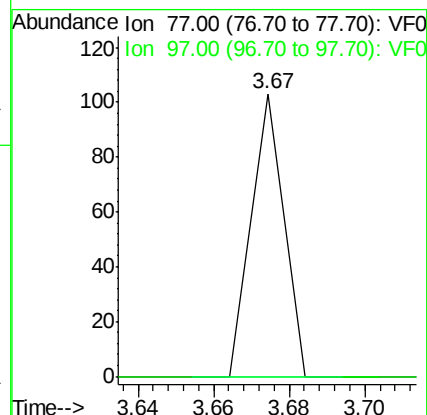
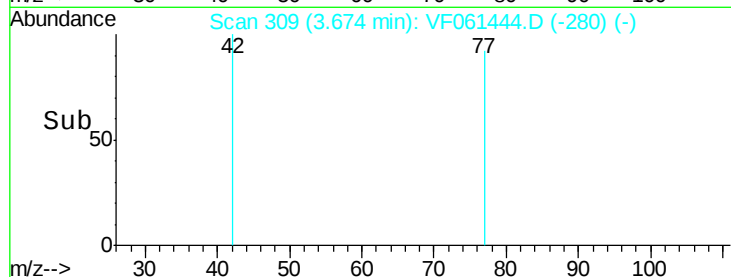
97 0.0 8.5 25.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.67



#29

Tetrahydrofuran

Concen: 759.021 ug/l

RT: 4.15 min Scan# 357

Delta R.T. 0.08 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

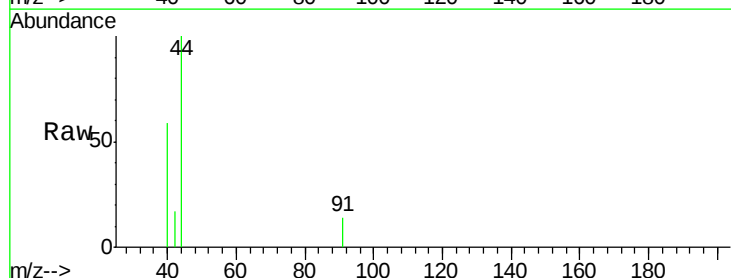
Tgt Ion: 42 Resp: 105

Ion Ratio Lower Upper

42 100

72 0.0 28.9 43.3#

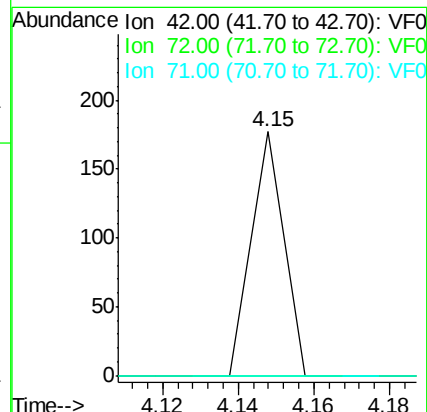
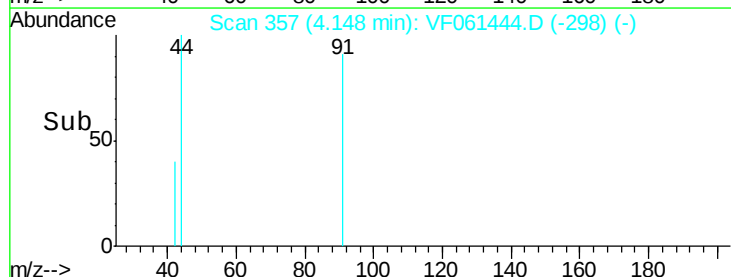
71 0.0 29.6 44.4#

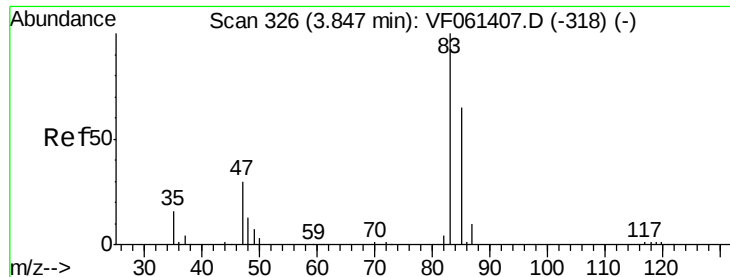


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

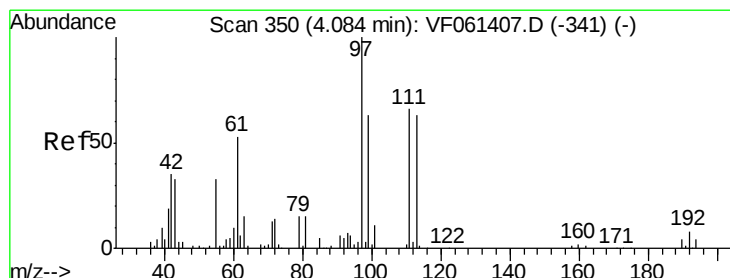
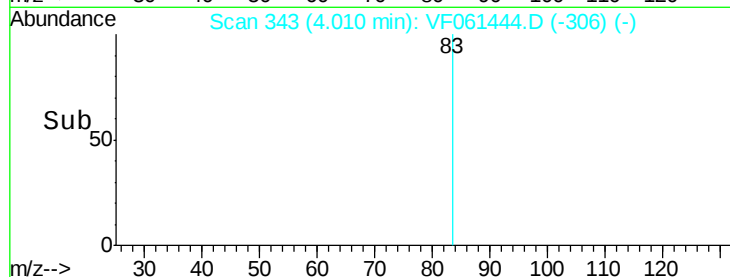
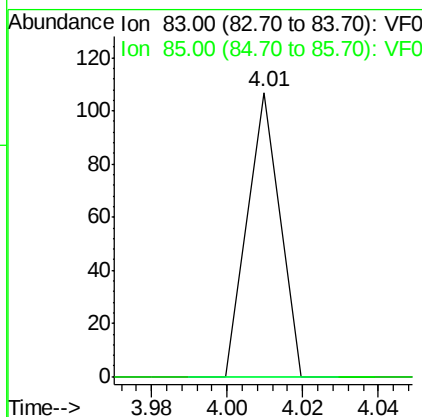
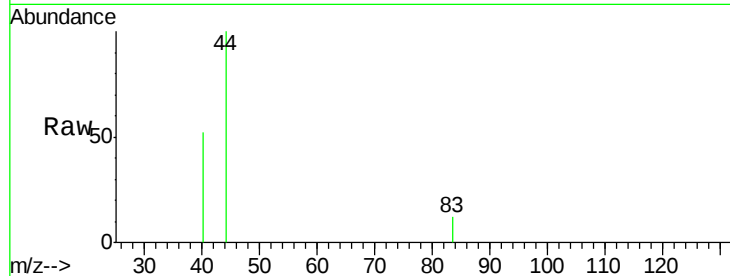




#30
Chloroform
Concen: 30.128 ug/l
RT: 4.01 min Scan# 343
Delta R.T. 0.16 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

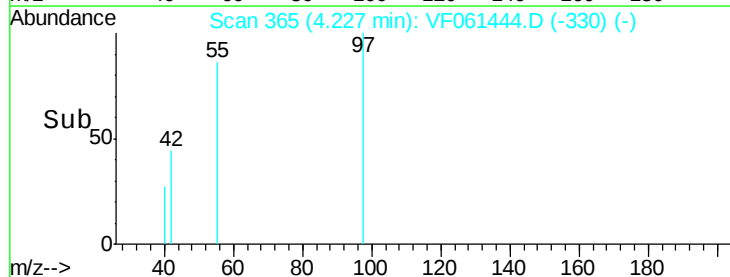
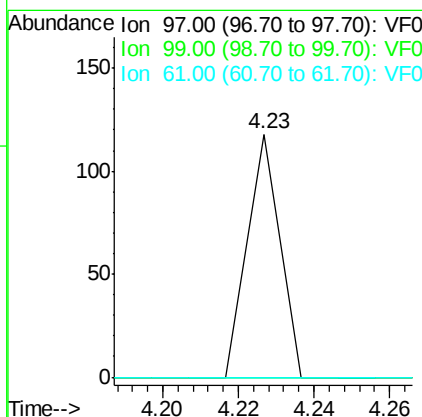
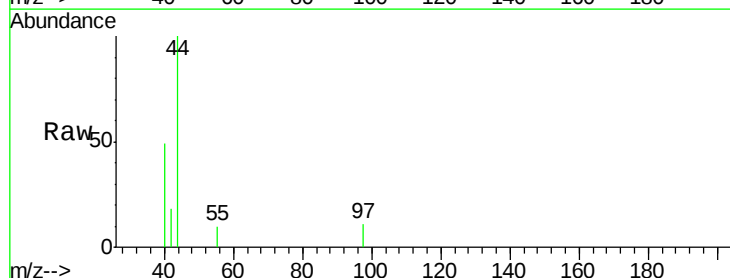
Instrument :
MSVOA_F
ClientSampleId :
WC-05-011519RE

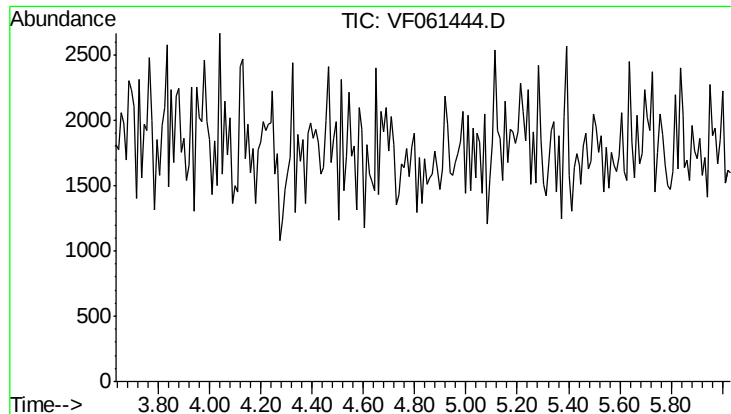
Tot Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
85 0.0 52.7 79.1#



#32
1,1,1-Trichloroethane
Concen: 45.654 ug/l
RT: 4.23 min Scan# 365
Delta R.T. 0.14 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

Tgt Ion: 97 Resp: 70
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 0.0 43.1 64.7#

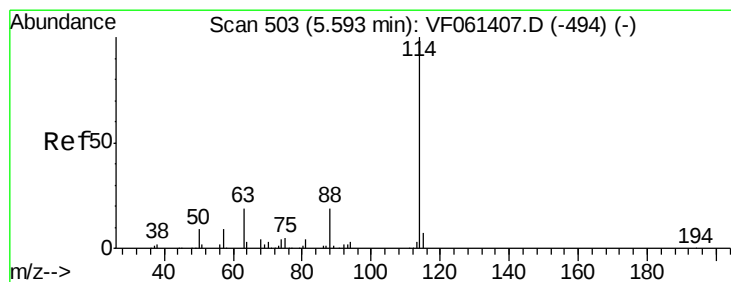
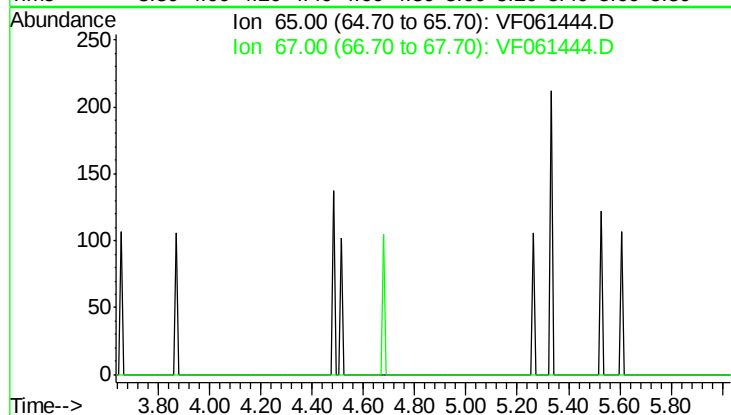




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 4.83 min
 Lab File: VF061444.D
 Acq: 17 Jan 2019 14:58

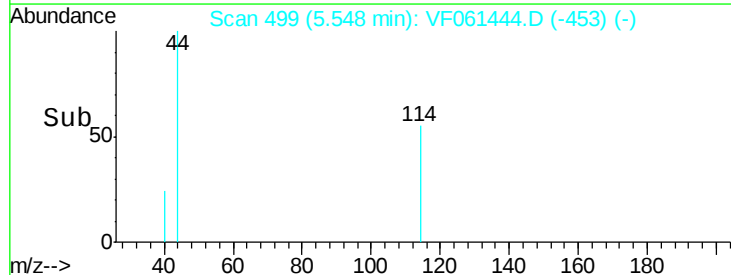
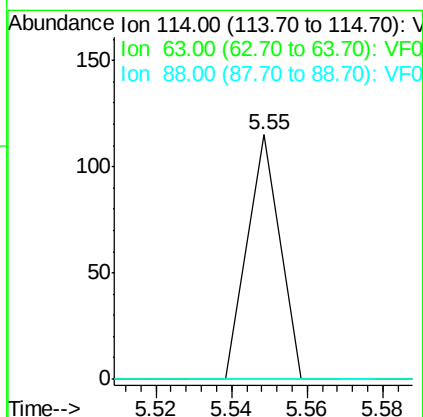
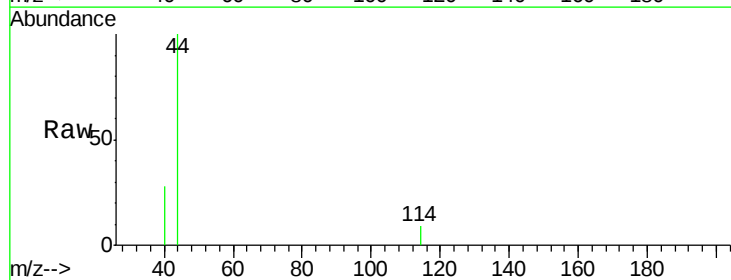
Instrument :
 MSVOA_F
 ClientSampleId :
 WC-05-011519RE

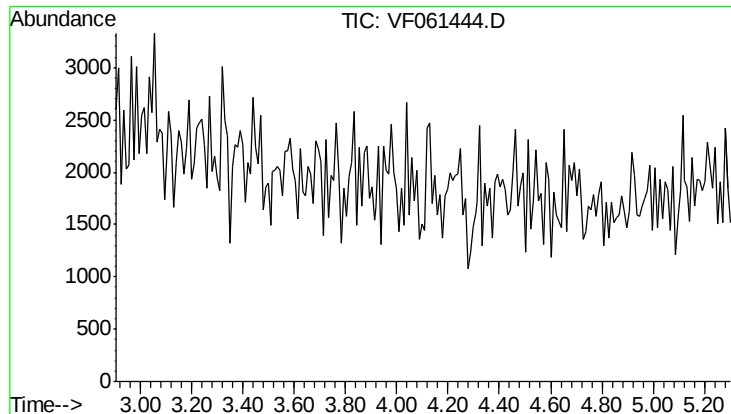
Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 49.9



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 499
 Delta R.T. -0.04 min
 Lab File: VF061444.D
 Acq: 17 Jan 2019 14:58

Tgt Ion:114 Resp: 68
 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: VF061444.D

Acq: 17 Jan 2019 14:58

Tot Ion: 113

Sig Exp Ratio

113 100

111 99.2

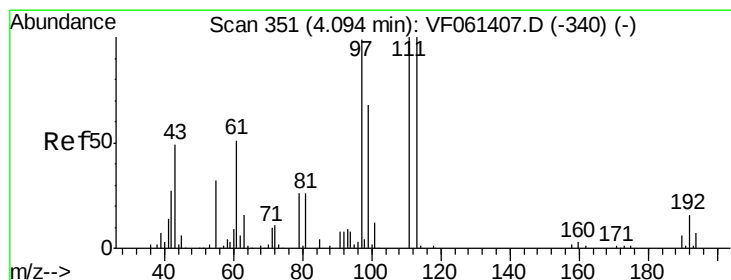
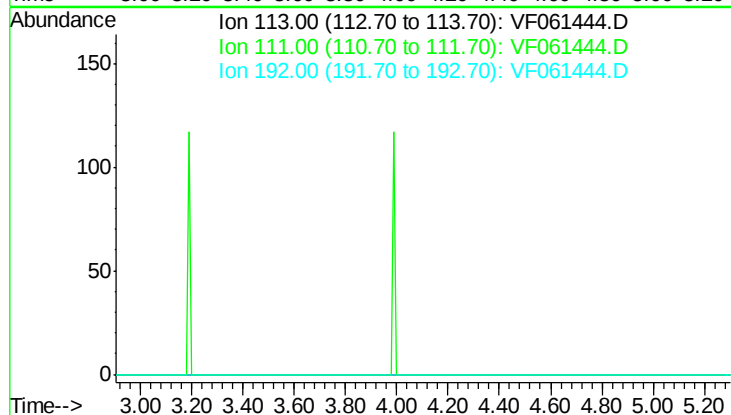
192 15.5

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519RE



#37

Ethyl Acetate

Concen: 498.160 ug/l

RT: 4.06 min Scan# 348

Delta R.T. -0.04 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

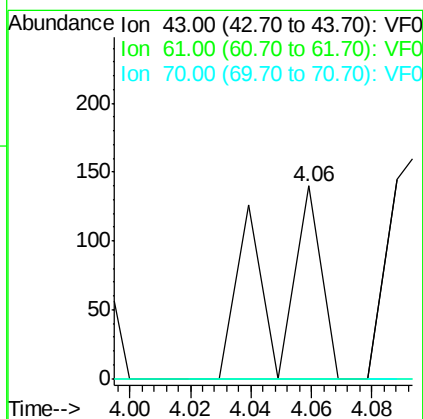
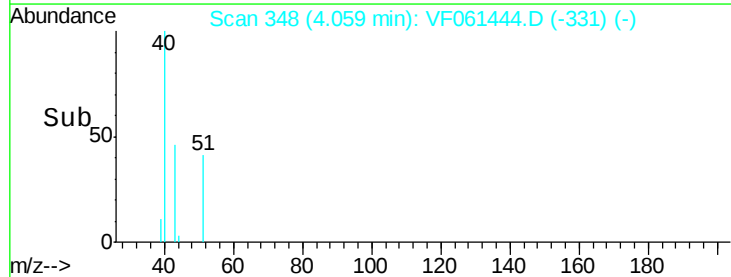
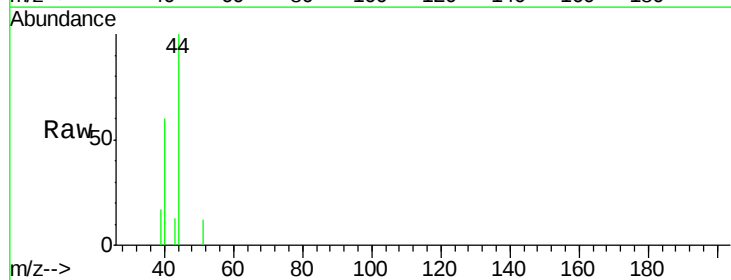
Tgt Ion: 43 Resp: 157

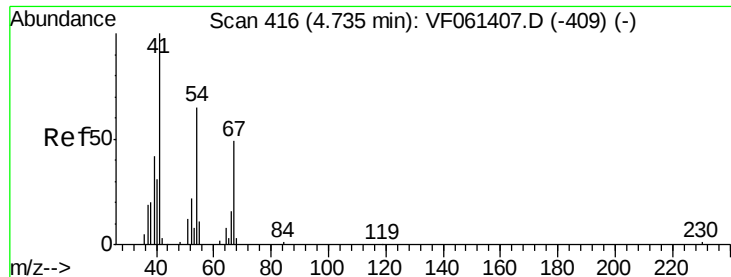
Ion Ratio Lower Upper

43 100

61 0.0 81.7 122.5#

70 0.0 6.2 9.2#





#41

Methacrylonitrile

Concen: 393.565 ug/l

RT: 4.70 min Scan# 413

Delta R.T. -0.04 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519RE

Tot Ion: 41 Resp: 66

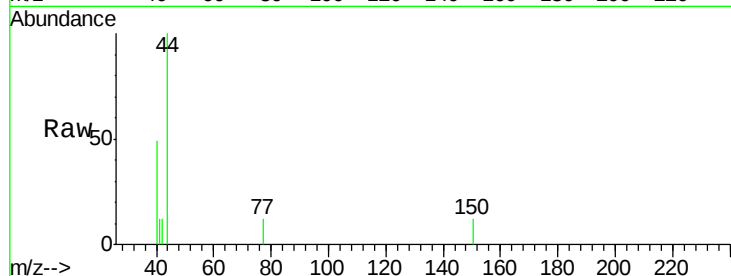
Ion Ratio Lower Upper

41 100

39 0.0 43.1 64.7#

67 0.0 38.8 58.2#

52 0.0 33.2 49.8#

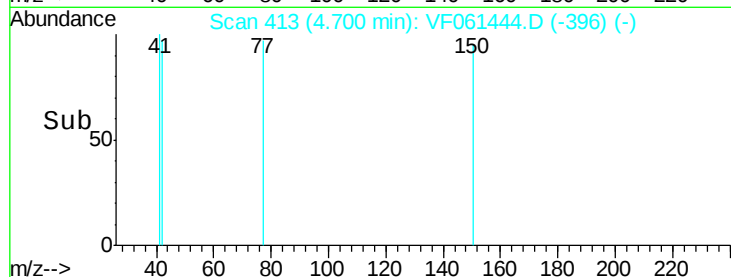


Abundance Ion 41.00 (40.70 to 41.70): VF0

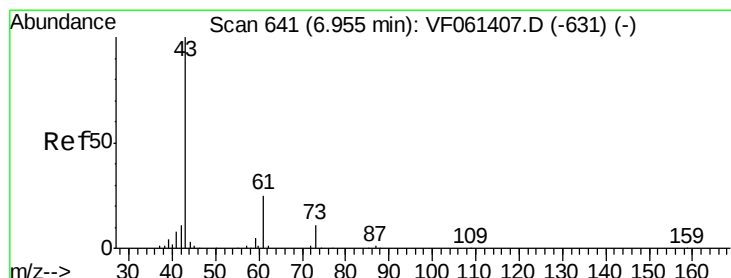
Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#43

Isopropyl Acetate

Concen: 209.836 ug/l

RT: 6.87 min Scan# 633

Delta R.T. -0.08 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

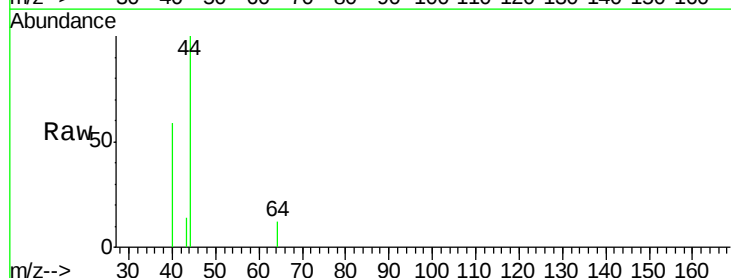
Tgt Ion: 43 Resp: 83

Ion Ratio Lower Upper

43 100

61 0.0 20.3 30.5#

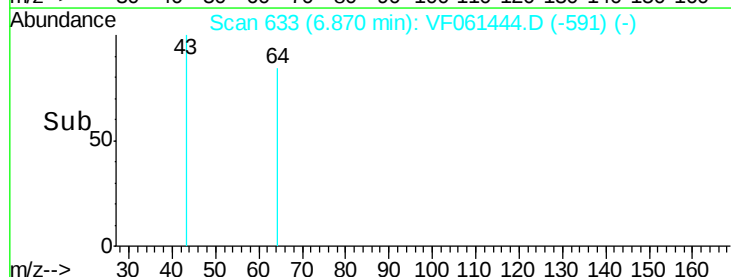
87 0.0 0.5 0.7#



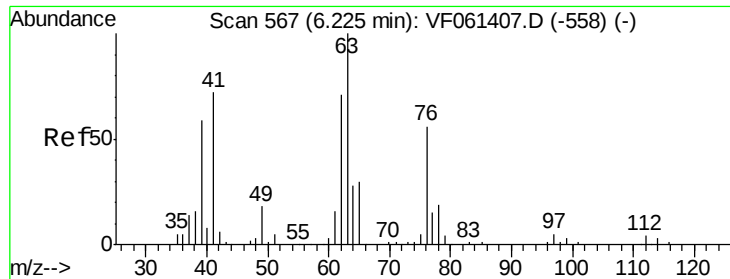
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



Time-->



#45

1,2-Dichloropropane

Concen: 191.120 ug/l

RT: 6.18 min Scan# 563

Delta R.T. -0.04 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

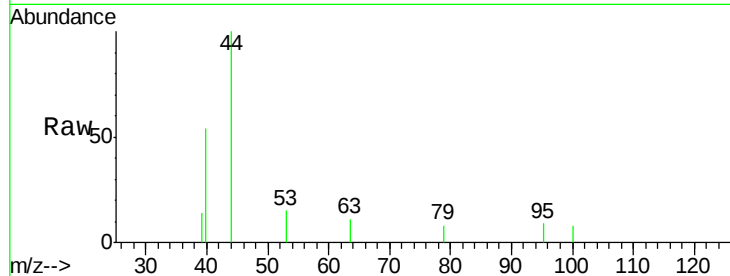
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Tot Ion: 63 Resp: 88

Ion Ratio Lower Upper

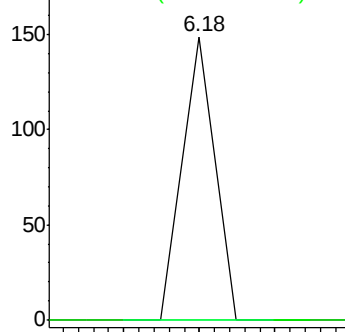
63 100

65 0.0 24.4 36.6#

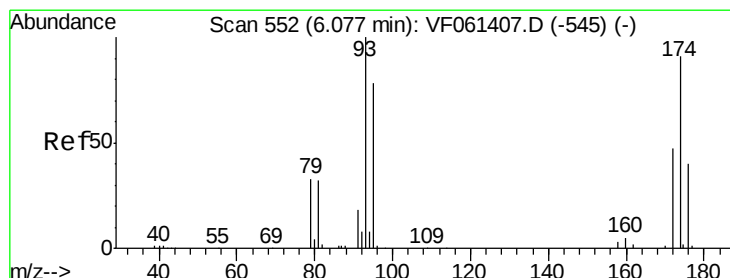
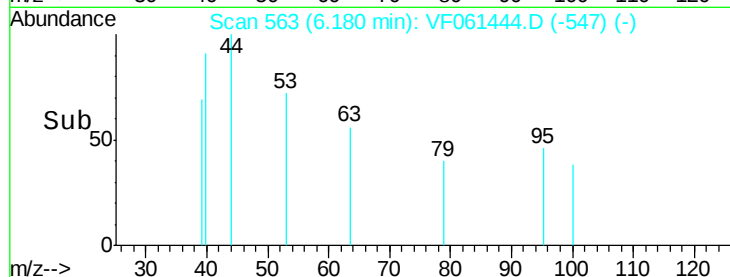


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



Time-->



#46

Dibromomethane

Concen: 369.080 ug/l

RT: 6.15 min Scan# 560

Delta R.T. 0.07 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

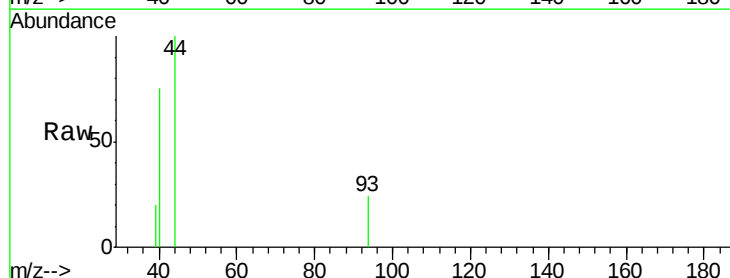
Tgt Ion: 93 Resp: 113

Ion Ratio Lower Upper

93 100

95 0.0 62.1 93.1#

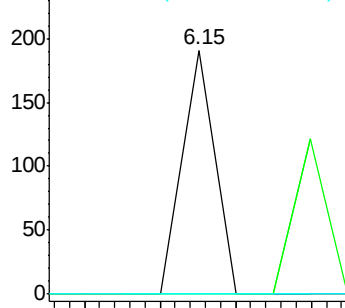
174 0.0 74.6 111.8#



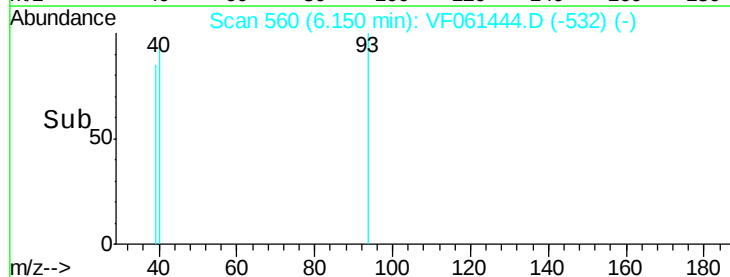
Abundance Ion 93.00 (92.70 to 93.70): VF0

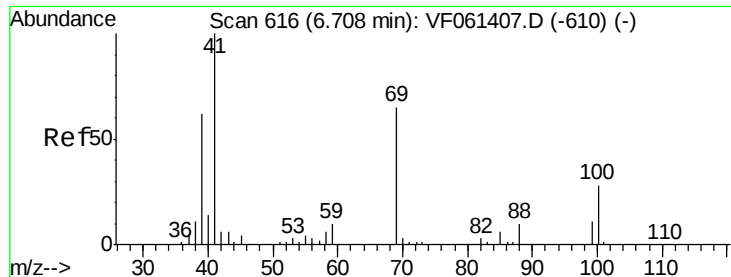
Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V



Time-->





#48

Methyl methacrylate

Concen: 237.189 ug/l

RT: 6.66 min Scan# 612

Delta R.T. -0.05 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519RE

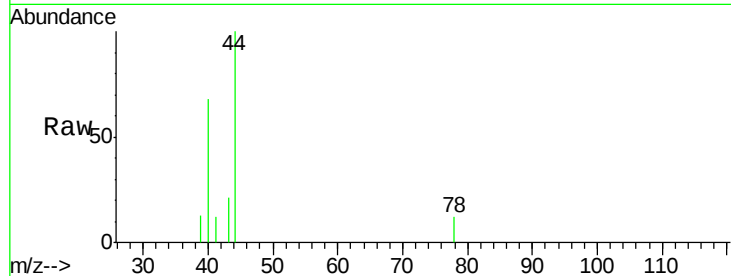
Tot Ion: 41 Resp: 63

Ion Ratio Lower Upper

41 100

69 0.0 51.7 77.5#

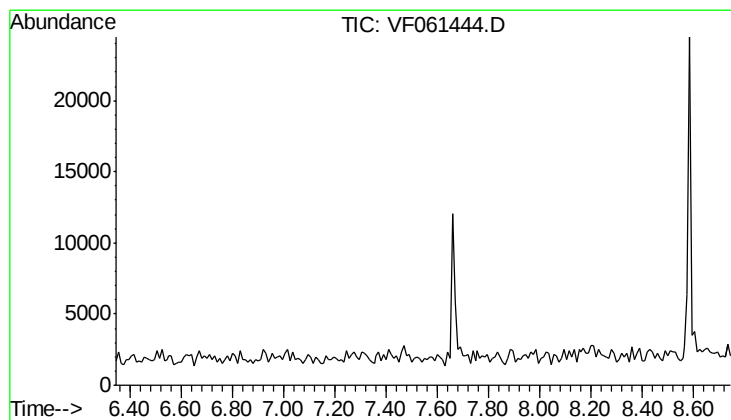
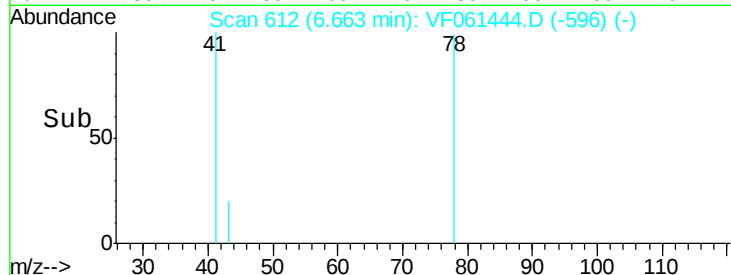
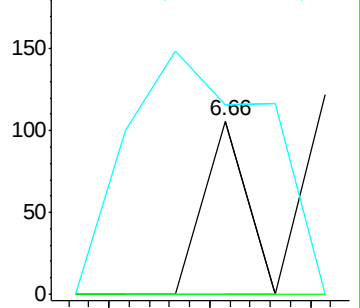
39 109.4 49.2 73.8#



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



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 7.55 min

Lab File: VF061444.D

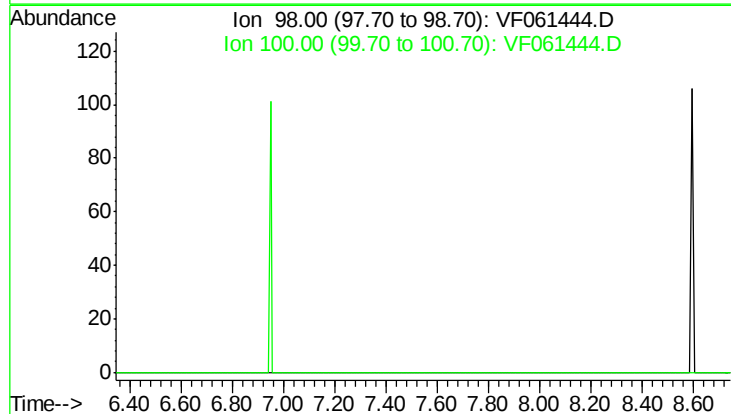
Acq: 17 Jan 2019 14:58

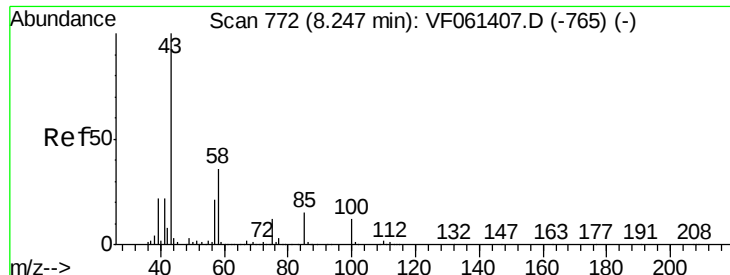
Tgt Ion: 98

Sig Exp Ratio

98 100

100 69.5





#51

4-Methyl-2-Pentanone

Concen: 508.959 ug/l

RT: 8.19 min Scan# 767

Delta R.T. -0.05 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Instrument :

MSVOA_F

ClientSampleId :

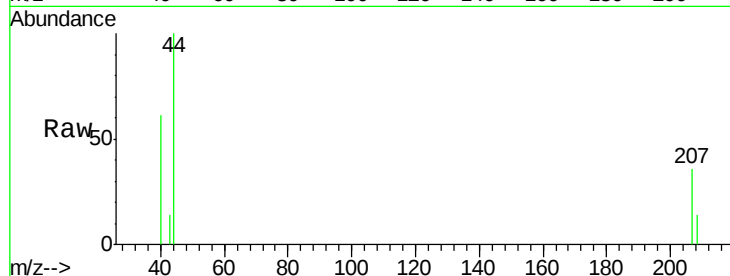
WC-05-011519RE

Tot Ion: 43 Resp: 148

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

8.19

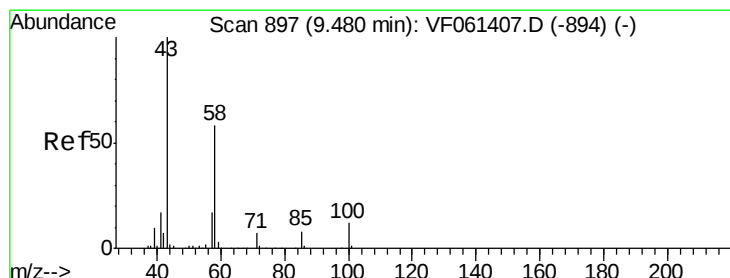
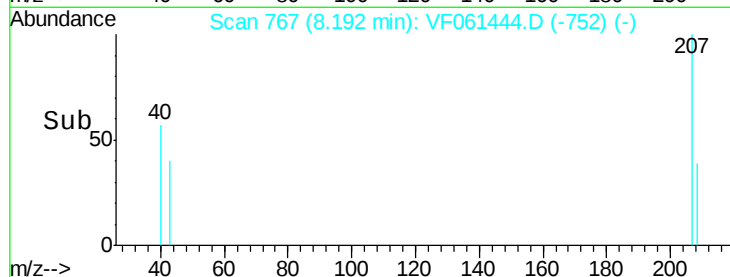
150

100

50

0

Time-->



#59

2-Hexanone

Concen: 1188.518 ug/l

RT: 9.41 min Scan# 890

Delta R.T. -0.07 min

Lab File: VF061444.D

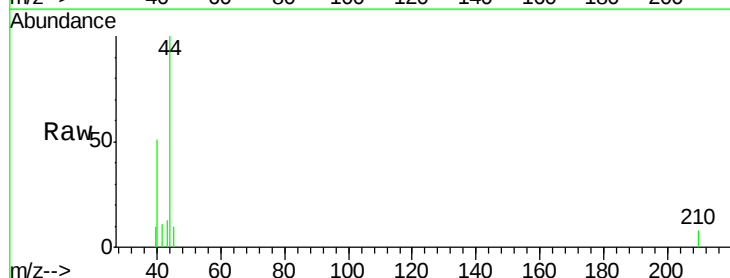
Acq: 17 Jan 2019 14:58

Tgt Ion: 43 Resp: 241

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

9.41

200

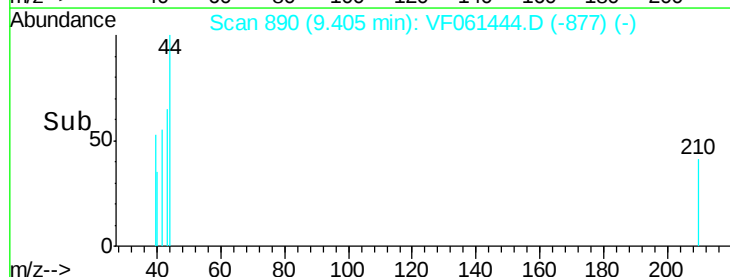
150

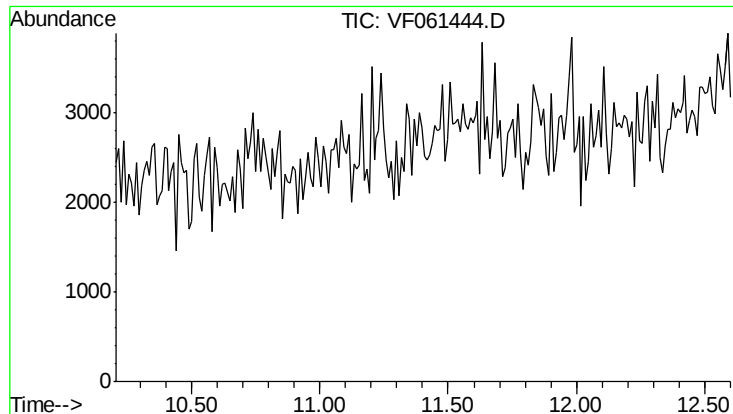
100

50

0

Time-->





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.40 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

Tot Ion: 95

Sig Exp Ratio

95 100

174 65.2

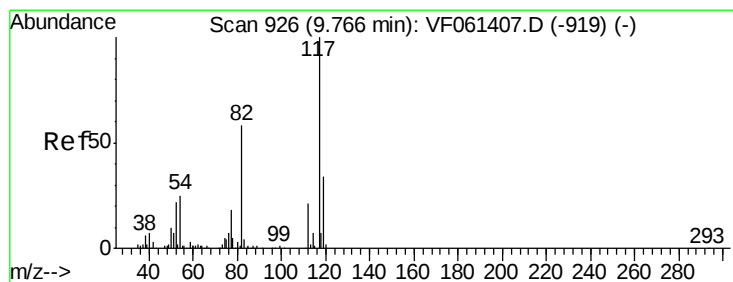
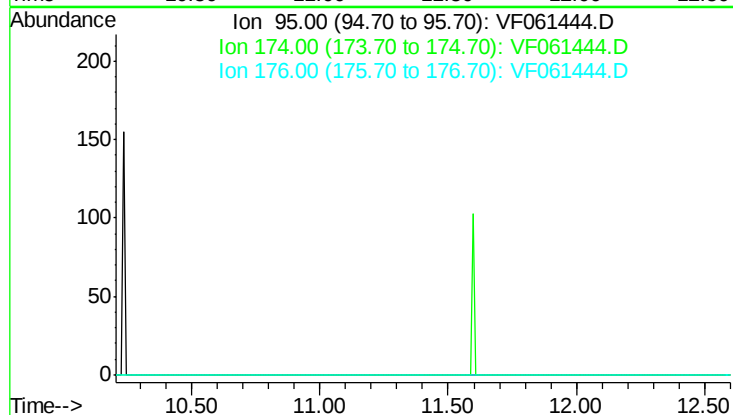
176 63.1

Instrument :

MSVOA_F

ClientSampleId :

WC-05-011519RE



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.72 min Scan# 922

Delta R.T. -0.04 min

Lab File: VF061444.D

Acq: 17 Jan 2019 14:58

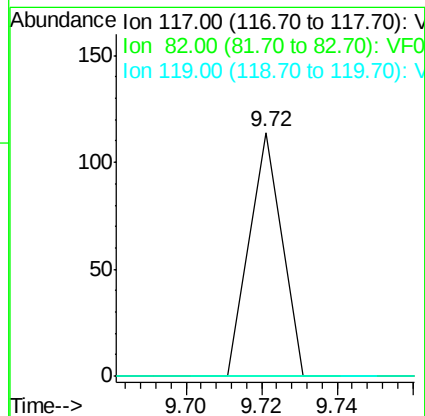
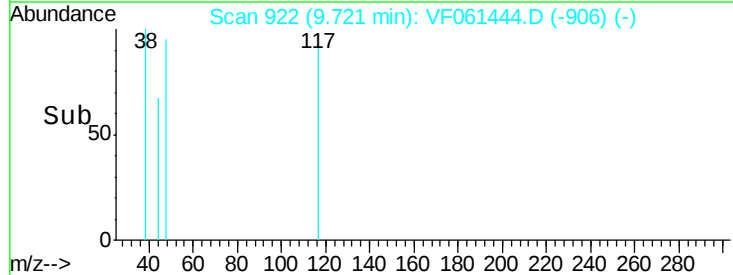
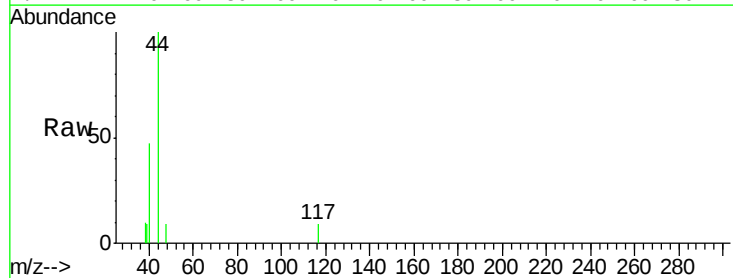
Tgt Ion:117 Resp: 67

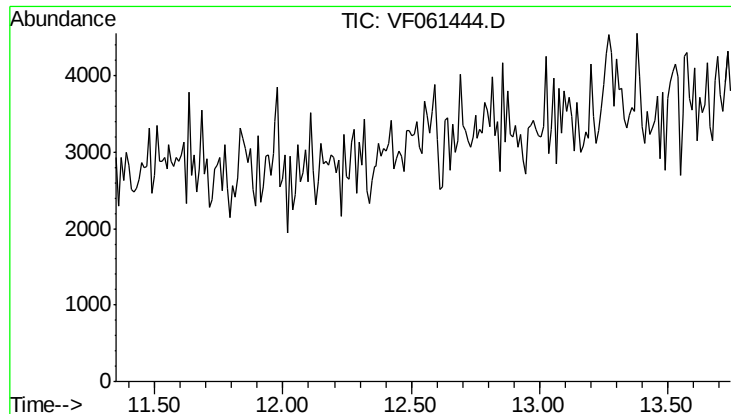
Ion Ratio Lower Upper

117 100

82 0.0 46.4 69.6#

119 0.0 27.2 40.8#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.55 min
Lab File: VF061444.D
Acq: 17 Jan 2019 14:58

Instrument :
MSVOA_F
ClientSampleId :
WC-05-011519RE

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

