

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060148.D
 Acq On : 28 Aug 2018 14:27
 Operator : VA/AP
 Sample : J4270-03
 Misc : 6.68g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-082318

Quant Time: Aug 28 14:55:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	61	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.78
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	12.63	152	69	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.97	65	60	71.87	ug/l	-0.06
Spiked Amount			Recovery	=	143.74%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	

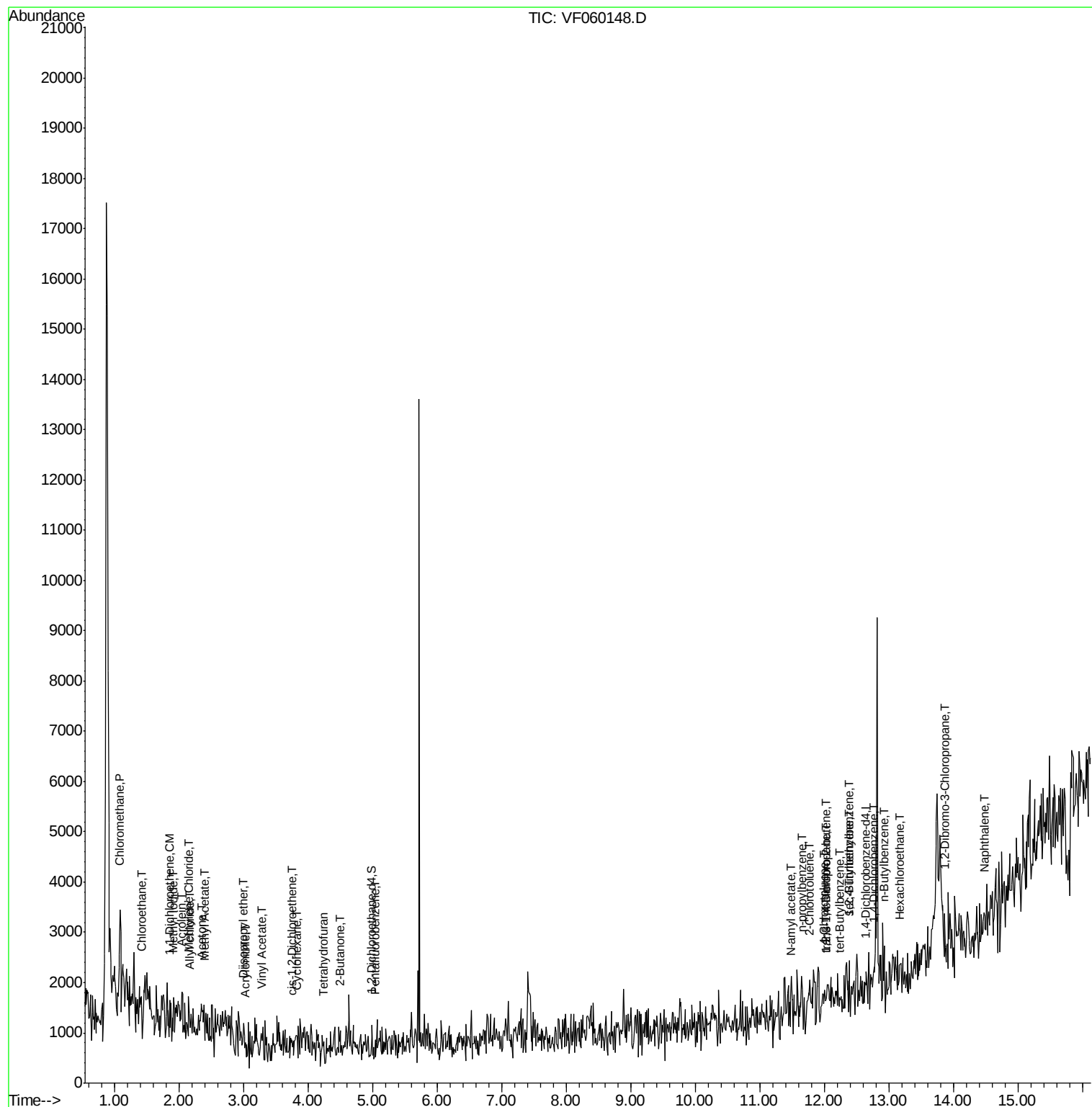
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	90	182.46	ug/l #	40
6) Chloroethane	1.42	64	671	3413.83	ug/l #	45
10) Methyl Iodide	1.92	142	73	104.90	ug/l #	26
12) 1,1-Dichloroethene	1.86	96	107	275.94	ug/l #	1
13) Acrolein	2.04	56	75	2499.34	ug/l #	8
14) Allyl chloride	2.17	41	105	152.47	ug/l #	1
15) Acrylonitrile	3.04	53	79	901.34	ug/l #	11
16) Acetone	2.35	43	88	401.06	ug/l #	63
18) Methyl Acetate	2.38	43	69	196.10	ug/l #	60
20) Methylene Chloride	2.14	84	67	167.05	ug/l #	1
22) Diisopropyl ether	3.01	45	75	48.63	ug/l #	38
23) Vinyl Acetate	3.27	43	85	104.04	ug/l #	80
25) 2-Butanone	4.51	43	59	207.01	ug/l #	58
27) cis-1,2-Dichloroethene	3.75	96	63	102.47	ug/l	1
29) Tetrahydrofuran	4.24	42	61	566.88	ug/l #	37
31) Cyclohexane	3.83	56	60	82.66	ug/l #	14
74) N-amyl acetate	11.47	43	97	75.14	ug/l #	49
76) 1,2,3-Trichloropropane	12.02	75	63	89.56	ug/l #	40
78) n-propylbenzene	11.63	91	63	12.29	ug/l #	54
79) 2-Chlorotoluene	11.78	91	72	23.89	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.02	75	63	195.74	ug/l #	29
82) 4-Chlorotoluene	12.00	91	59	18.03	ug/l #	41
83) tert-Butylbenzene	12.23	119	64	18.13	ug/l #	32
84) 1,2,4-Trimethylbenzene	12.38	105	73	18.98	ug/l #	30
85) sec-Butylbenzene	12.38	105	73	14.86	ug/l #	58
88) 1,4-Dichlorobenzene	12.76	146	88	42.40	ug/l #	24
89) n-Butylbenzene	12.93	91	60	15.15	ug/l #	30
90) Hexachloroethane	13.15	117	59	64.41	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.85	75	74	399.22	ug/l #	1
95) Naphthalene	14.49	128	139	53.97	ug/l #	69

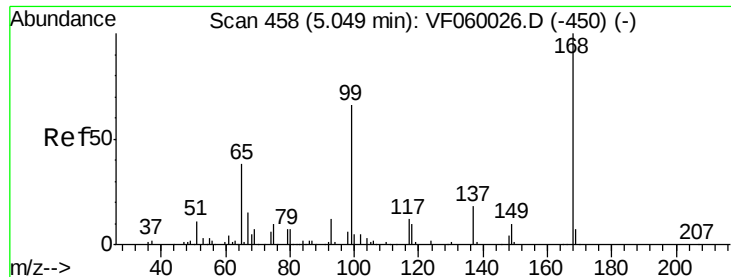
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
Data File : VF060148.D
Acq On : 28 Aug 2018 14:27
Operator : VA/AP
Sample : J4270-03
Misc : 6.68g/5mL/MSVOA F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BU-01-082318

Quant Time: Aug 28 14:55:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

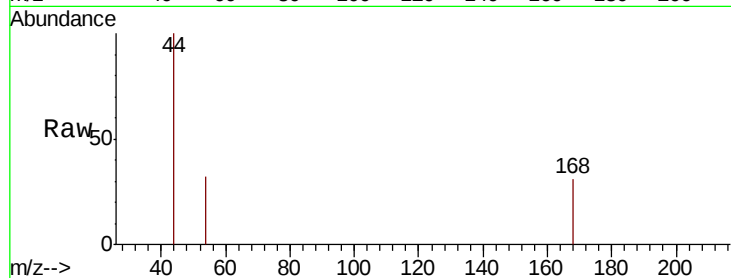
BU-01-082318

Tot Ion:168 Resp: 61

Ion Ratio Lower Upper

168 100

99 0.0 52.6 79.0#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100

80

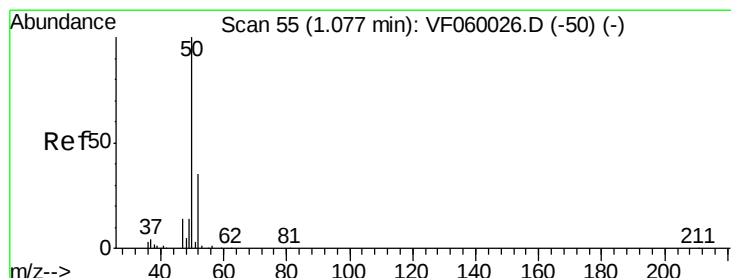
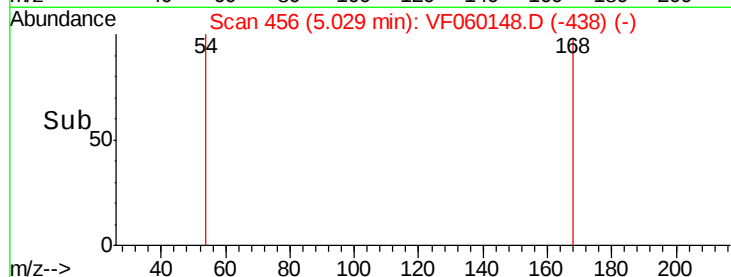
60

40

20

0

Time-->



#3

Chloromethane

Concen: 182.46 ug/l

RT: 1.08 min Scan# 55

Delta R.T. 0.00 min

Lab File: VF060148.D

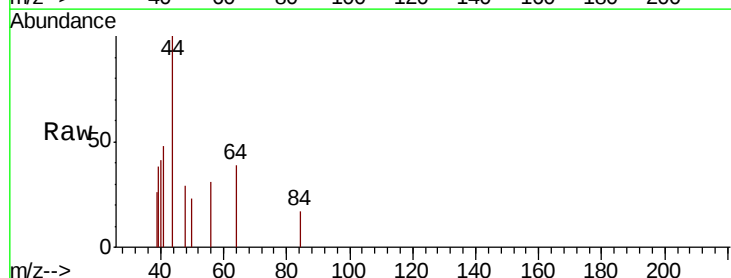
Acq: 28 Aug 2018 14:27

Tgt Ion: 50 Resp: 90

Ion Ratio Lower Upper

50 100

52 0.0 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.08

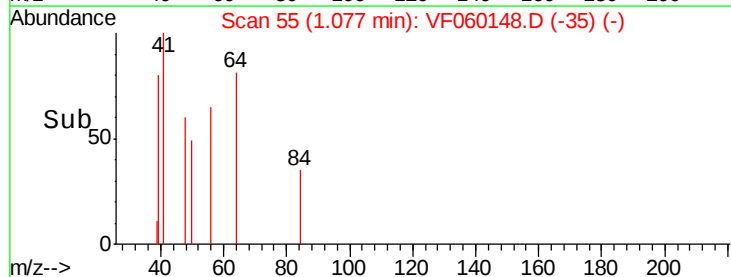
150

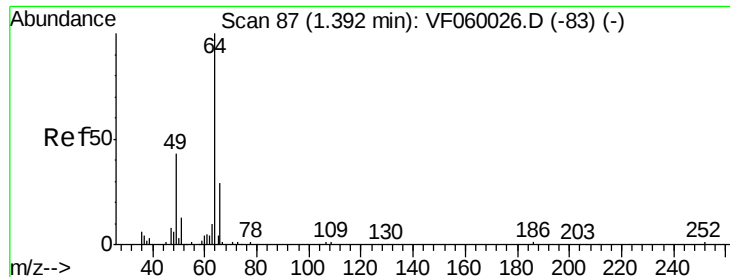
100

50

0

Time-->





#6

Chloroethane

Concen: 3413.83 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.03 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

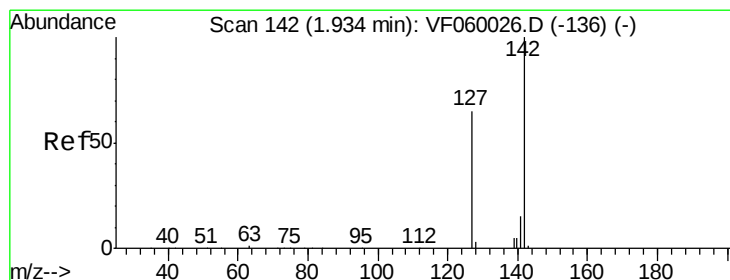
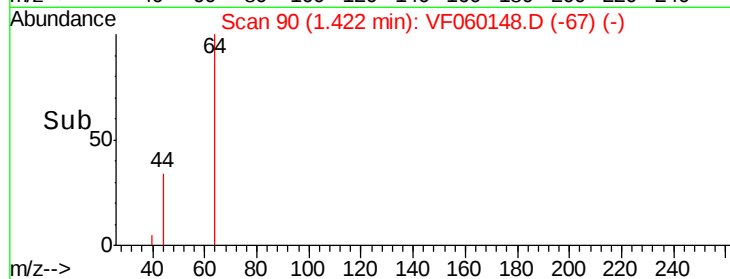
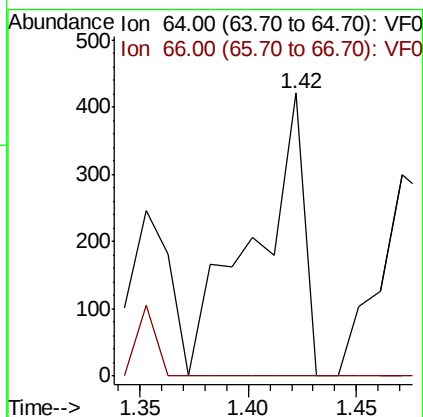
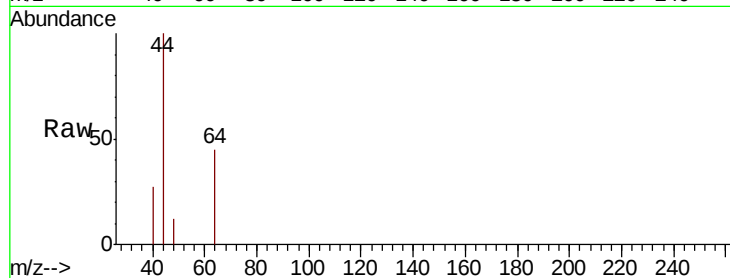
BU-01-082318

Tot Ion: 64 Resp: 671

Ion Ratio Lower Upper

64 100

66 0.0 24.1 36.1#



#10

Methyl Iodide

Concen: 104.90 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

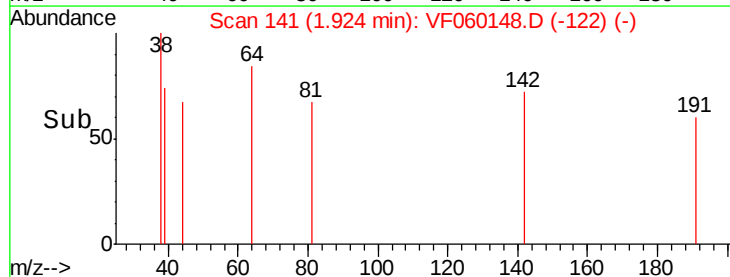
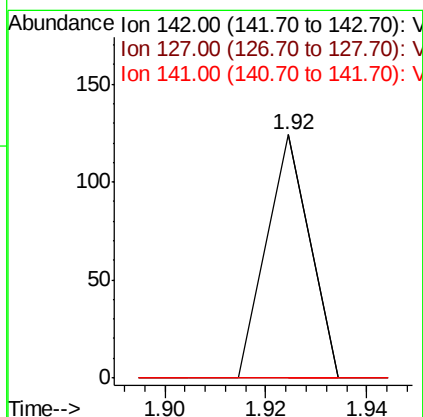
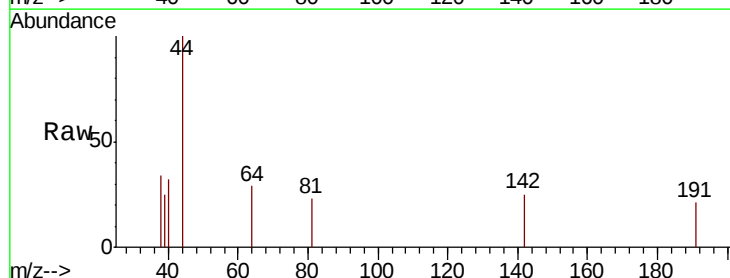
Tgt Ion: 142 Resp: 73

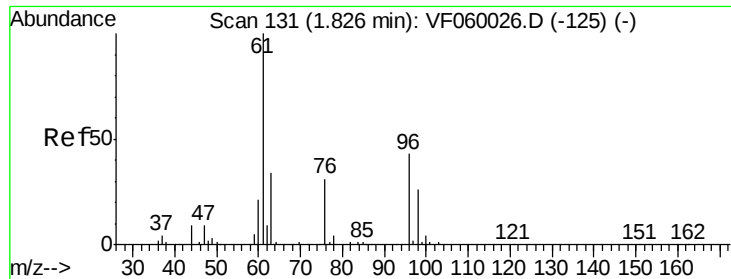
Ion Ratio Lower Upper

142 100

127 0.0 51.8 77.6#

141 0.0 11.9 17.9#





#12

1,1-Dichloroethene

Concen: 275.94 ug/l

RT: 1.86 min Scan# 134

Delta R.T. 0.03 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

BU-01-082318

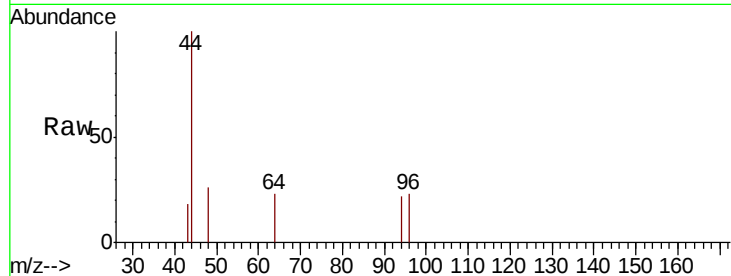
Tot Ion: 96 Resp: 107

Ion Ratio Lower Upper

96 100

61 0.0 185.0 277.6#

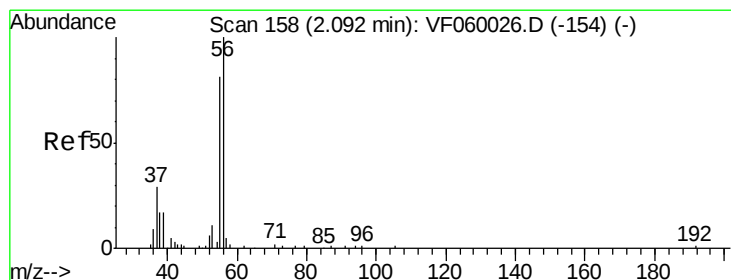
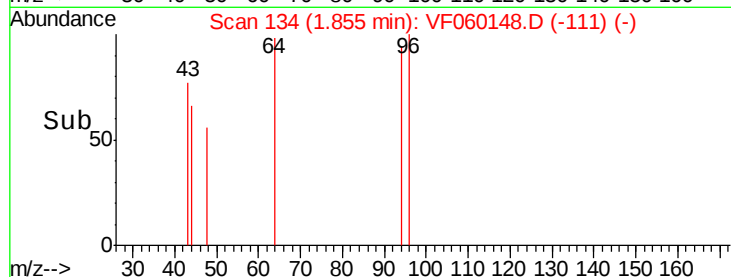
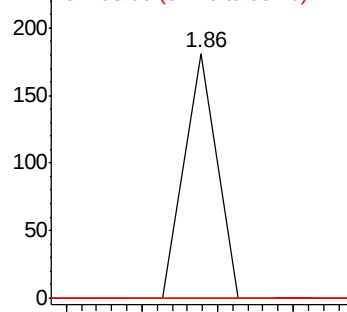
98 0.0 47.8 71.8#



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: 2499.34 ug/l

RT: 2.04 min Scan# 153

Delta R.T. -0.05 min

Lab File: VF060148.D

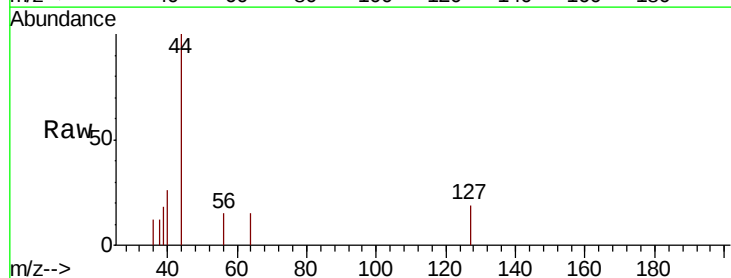
Acq: 28 Aug 2018 14:27

Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

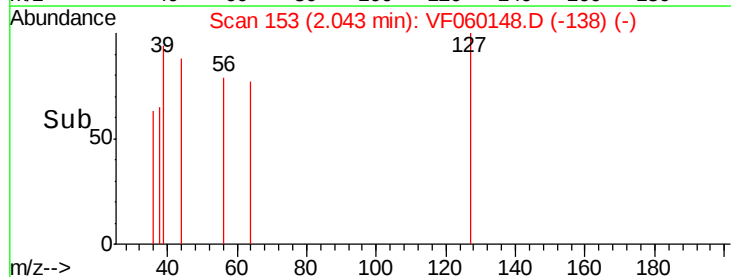
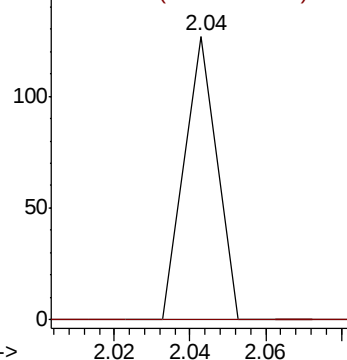
56 100

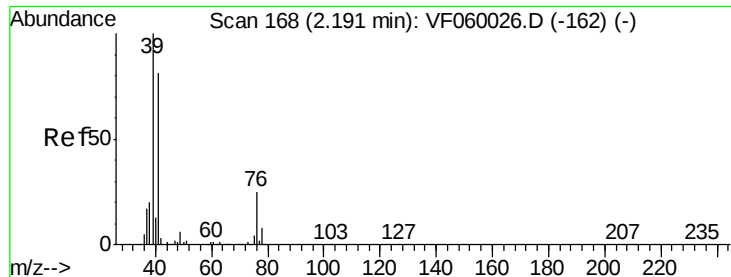
55 0.0 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

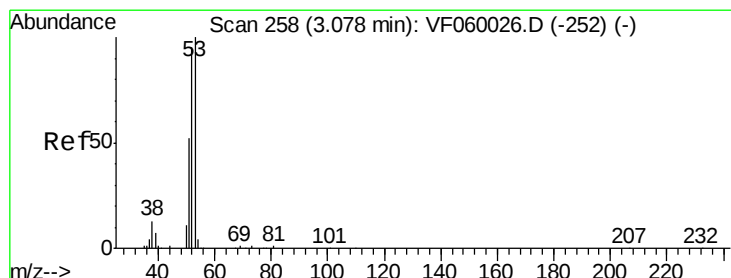
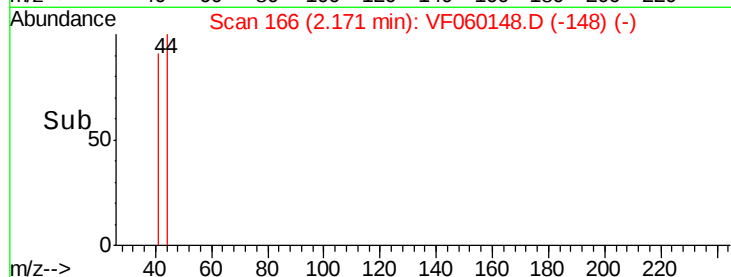
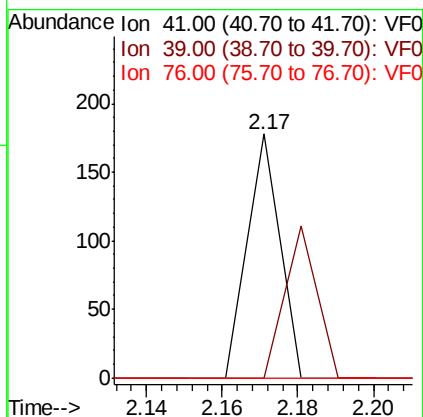
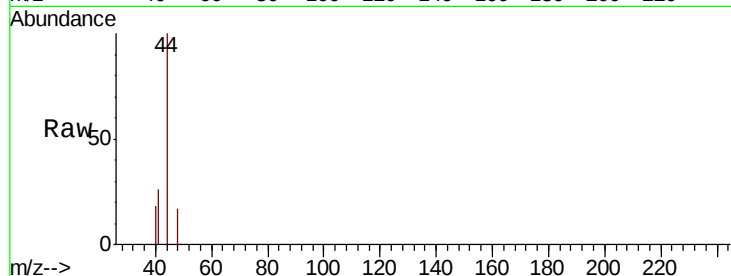




#14
Allvl chloride
Concen: 152.47 ug/l
RT: 2.17 min Scan# 166
Delta R.T. -0.02 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

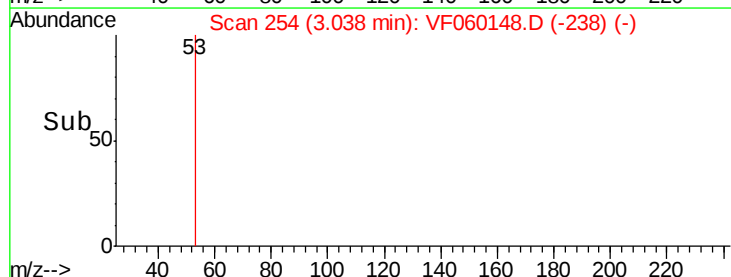
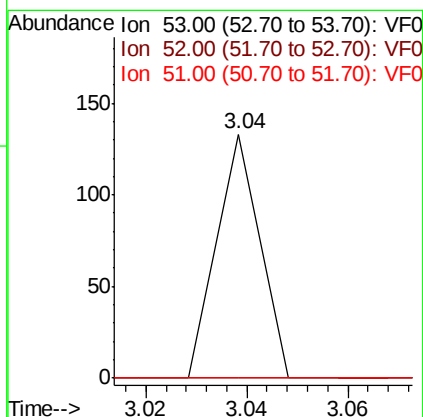
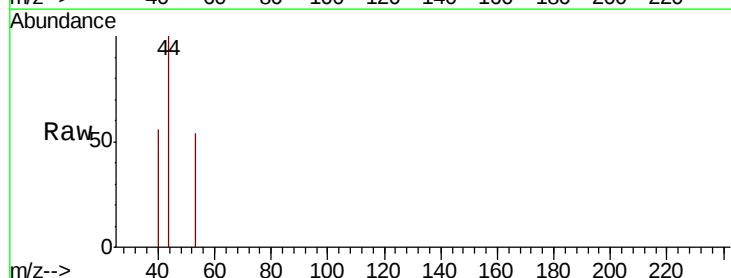
Instrument :
MSVOA_F
ClientSampleId :
BU-01-082318

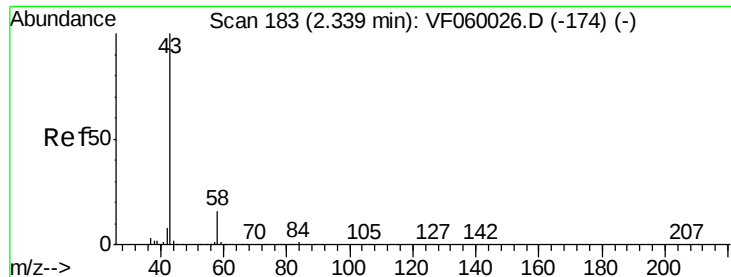
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	99.3	148.9#
76	0.0	24.3	36.5#



#15
Acrylonitrile
Concen: 901.34 ug/l
RT: 3.04 min Scan# 254
Delta R.T. -0.04 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

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





#16

Acetone

Concen: 401.06 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

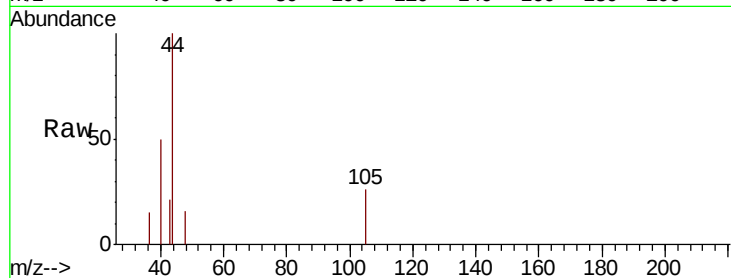
BU-01-082318

Tot Ion: 43 Resp: 88

Ion Ratio Lower Upper

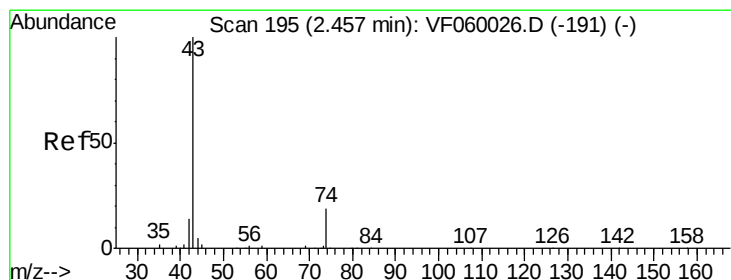
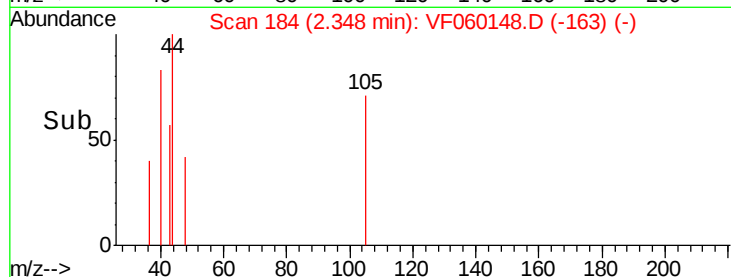
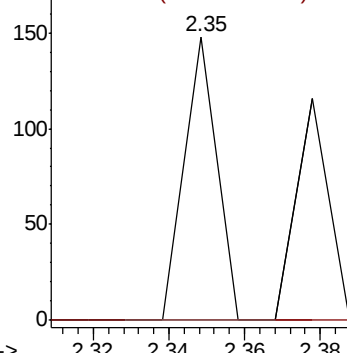
43 100

58 0.0 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 196.10 ug/l

RT: 2.38 min Scan# 187

Delta R.T. -0.08 min

Lab File: VF060148.D

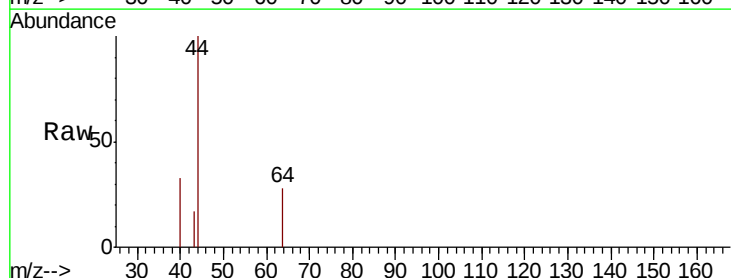
Acq: 28 Aug 2018 14:27

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

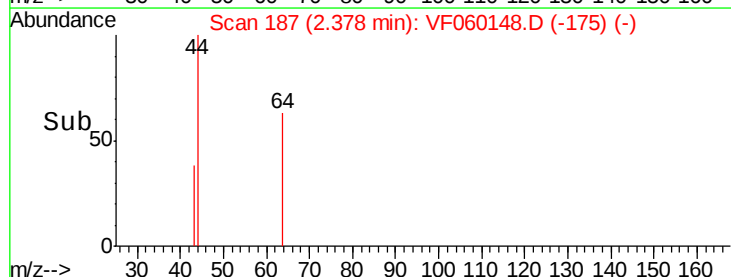
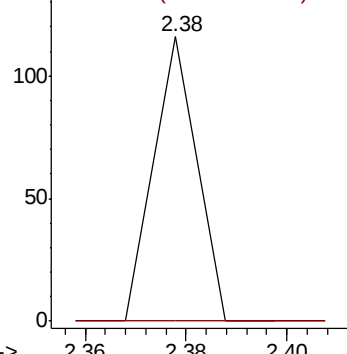
43 100

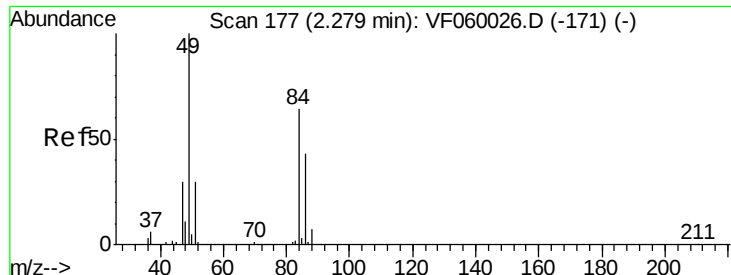
74 0.0 13.8 20.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

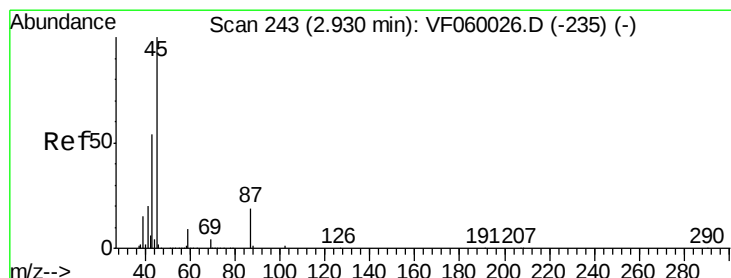
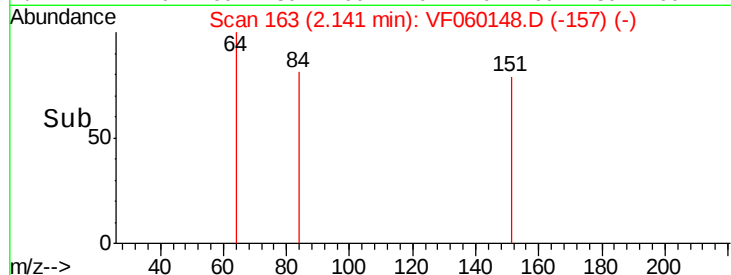
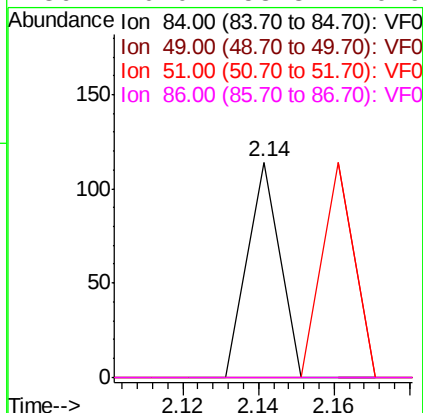
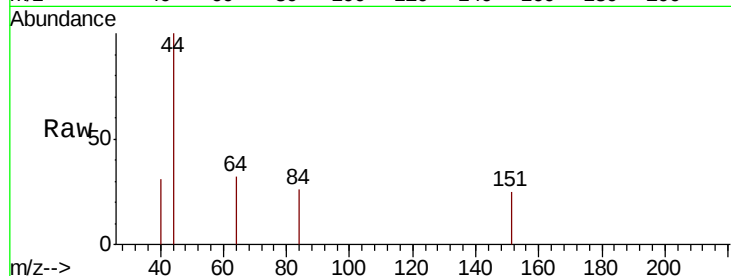




#20
Methvlene Chloride
Concen: 167.05 ug/l
RT: 2.14 min Scan# 163
Delta R.T. -0.14 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

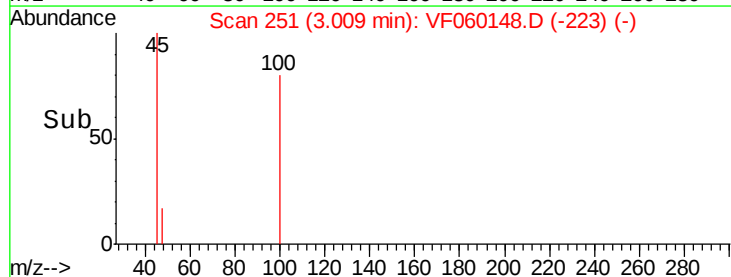
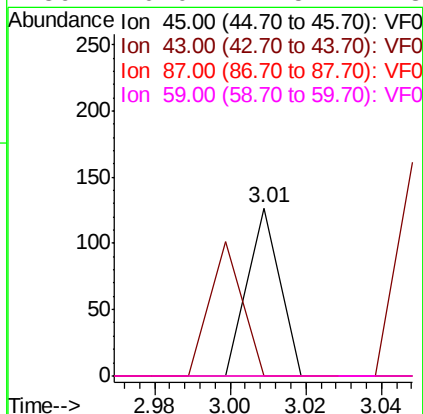
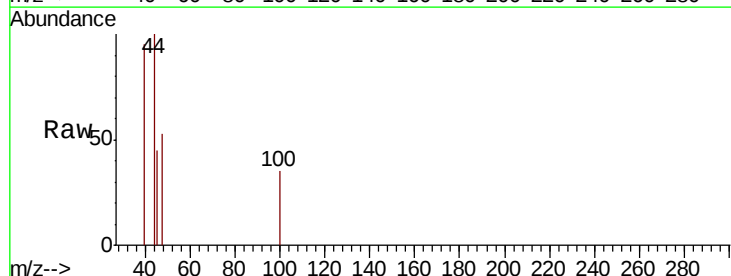
Instrument :
MSVOA_F
ClientSampleId :
BU-01-082318

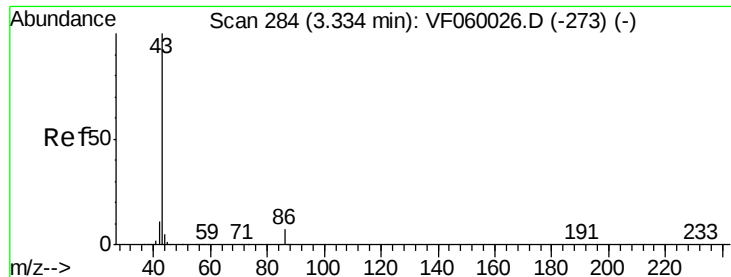
Tot Ion:	84	Resp:	67
Ion	Ratio	Lower	Upper
84	100		
49	0.0	125.4	188.0#
51	0.0	38.3	57.5#
86	0.0	53.3	79.9#



#22
Diisopropyl ether
Concen: 48.63 ug/l
RT: 3.01 min Scan# 251
Delta R.T. 0.08 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

Tgt Ion:	45	Resp:	75
Ion	Ratio	Lower	Upper
45	100		
43	0.0	43.4	65.2#
87	0.0	15.4	23.2#
59	0.0	7.5	11.3#





#23

Vinyl Acetate

Concen: 104.04 ug/l

RT: 3.27 min Scan# 277

Delta R.T. -0.07 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

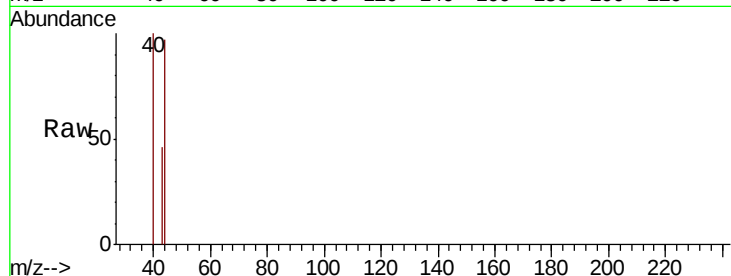
BU-01-082318

Tot Ion: 43 Resp: 85

Ion Ratio Lower Upper

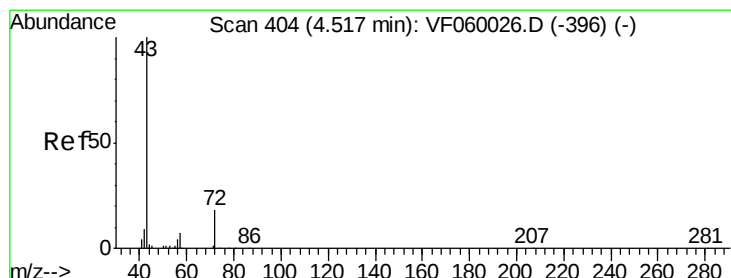
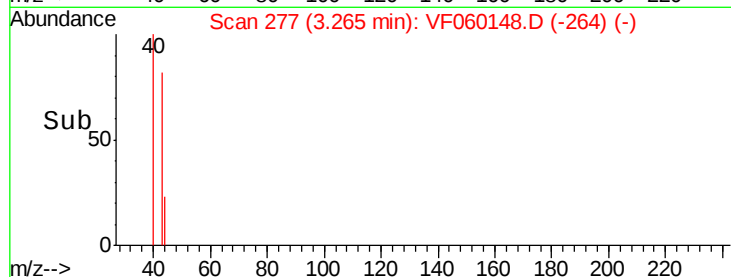
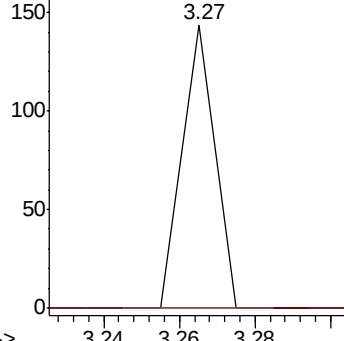
43 100

86 0.0 5.6 8.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 207.01 ug/l

RT: 4.51 min Scan# 403

Delta R.T. -0.01 min

Lab File: VF060148.D

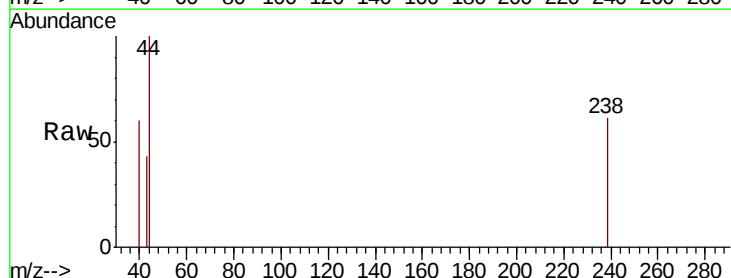
Acq: 28 Aug 2018 14:27

Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

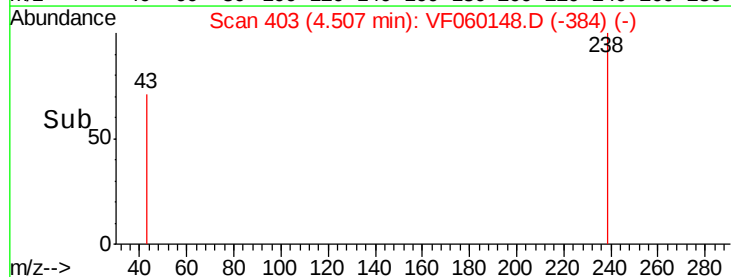
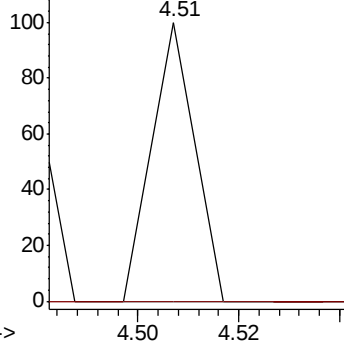
43 100

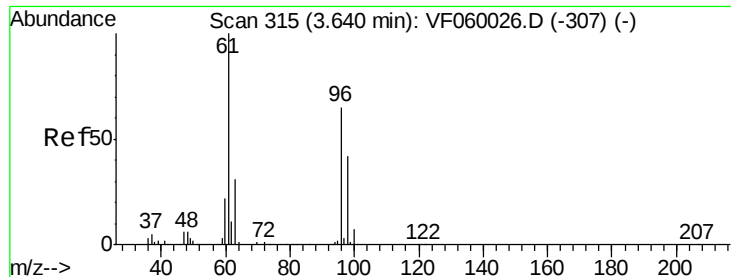
72 0.0 15.0 22.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



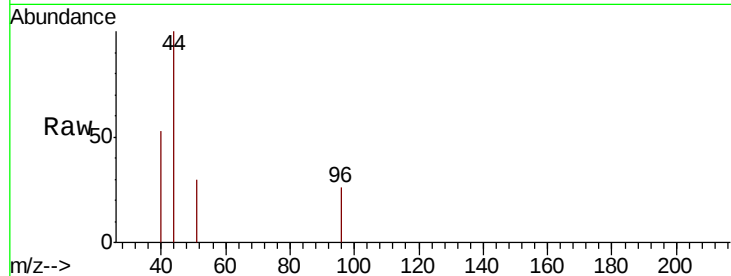


#27

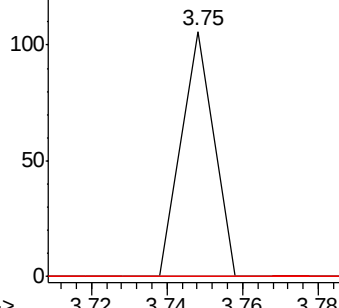
cis-1,2-Dichloroethene
 Concen: 102.47 ug/l
 RT: 3.75 min Scan# 326
 Delta R.T. 0.11 min
 Lab File: VF060148.D
 Acq: 28 Aug 2018 14:27

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-082318

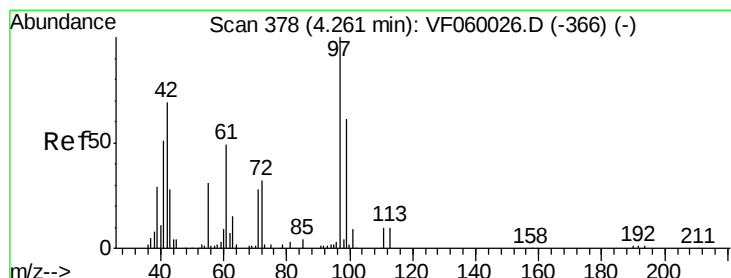
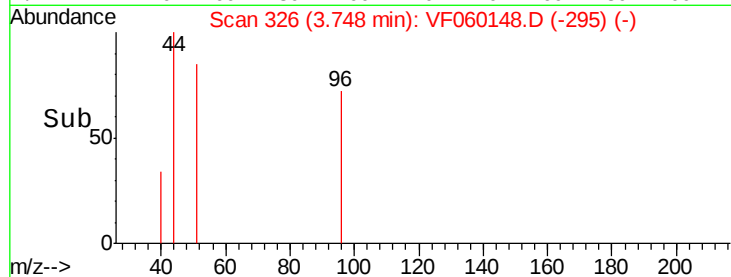
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	307.6
98	0.0	0.0	128.4



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



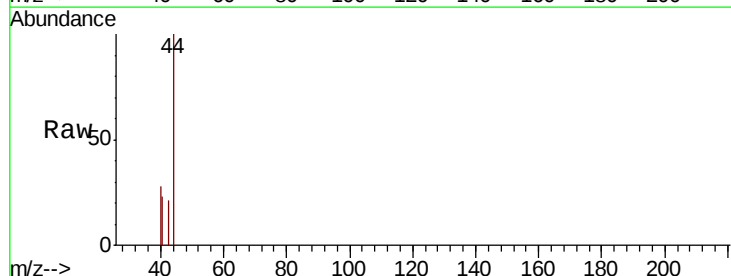
Time-->



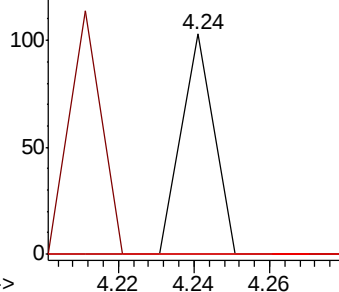
#29

Tetrahydrofuran
 Concen: 566.88 ug/l
 RT: 4.24 min Scan# 376
 Delta R.T. -0.02 min
 Lab File: VF060148.D
 Acq: 28 Aug 2018 14:27

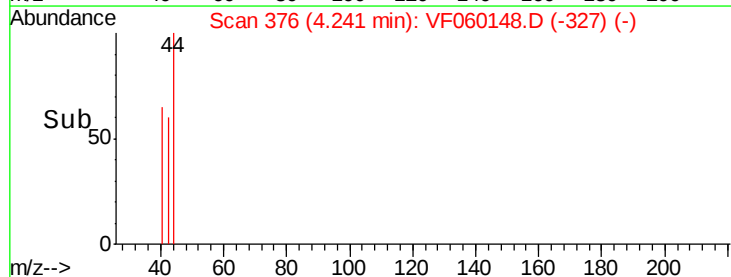
Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.2#
71	0.0	29.7	44.5#

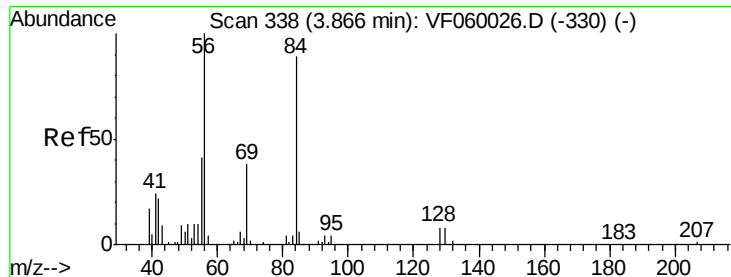


Abundance Ion 42.00 (41.70 to 42.70): VF0
 Ion 72.00 (71.70 to 72.70): VF0
 Ion 71.00 (70.70 to 71.70): VF0



Time-->

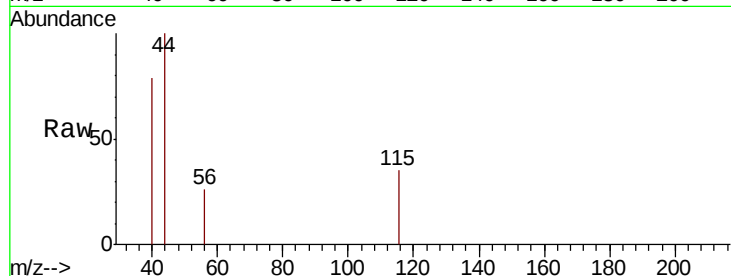




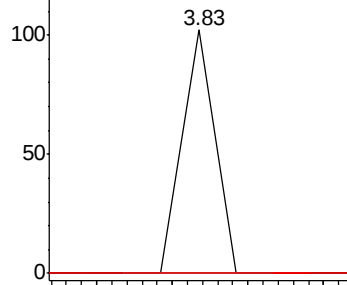
#31
Cyclohexane
Concen: 82.66 ug/l
RT: 3.83 min Scan# 334
Delta R.T. -0.04 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

Instrument :
MSVOA_F
ClientSampleId :
BU-01-082318

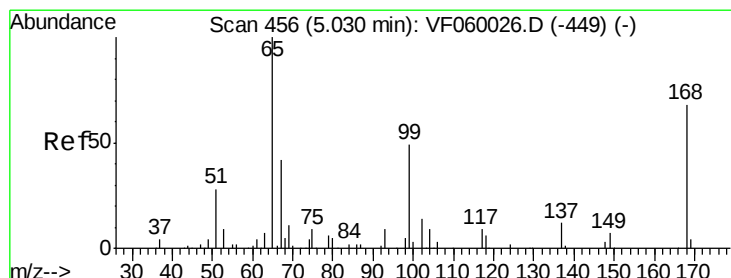
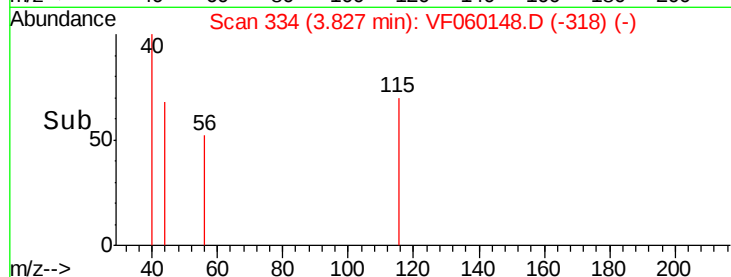
Tot Ion	Ratio	Lower	Upper
56	100		
69	0.0	30.4	45.6#
84	0.0	71.4	107.2#



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

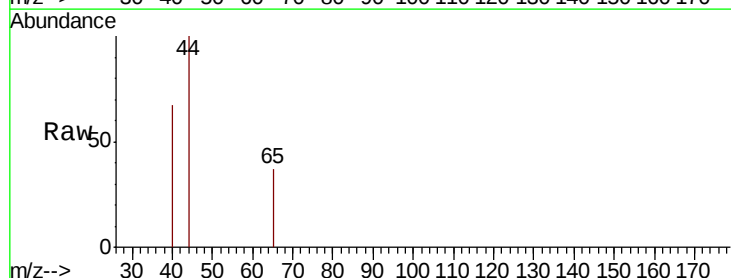


Time-->

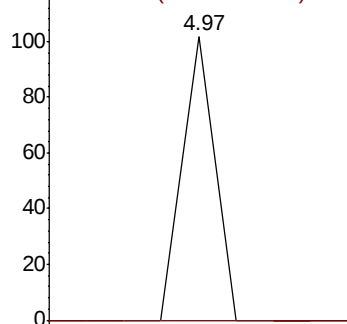


#33
1,2-Dichloroethane-d4
Concen: 71.87 ug/l
RT: 4.97 min Scan# 450
Delta R.T. -0.06 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

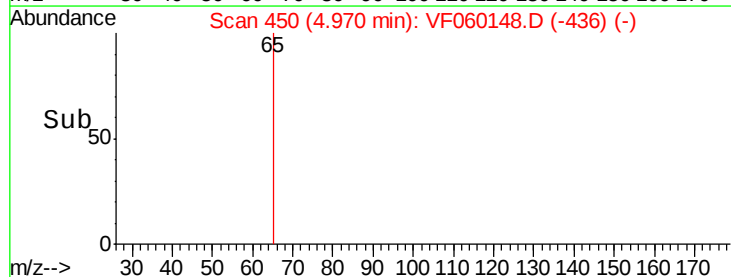
Tgt Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	92.0

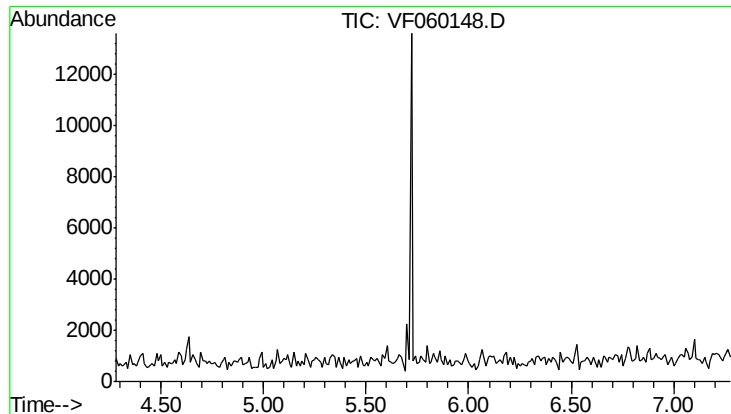


Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0



Time-->





#34

1,4-Difluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.78 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

BU-01-082318

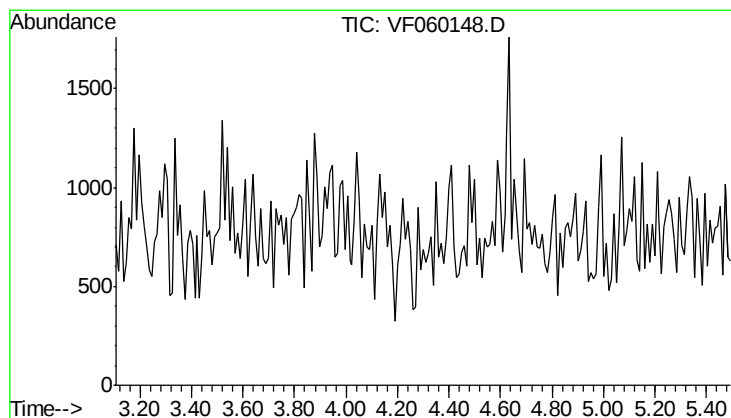
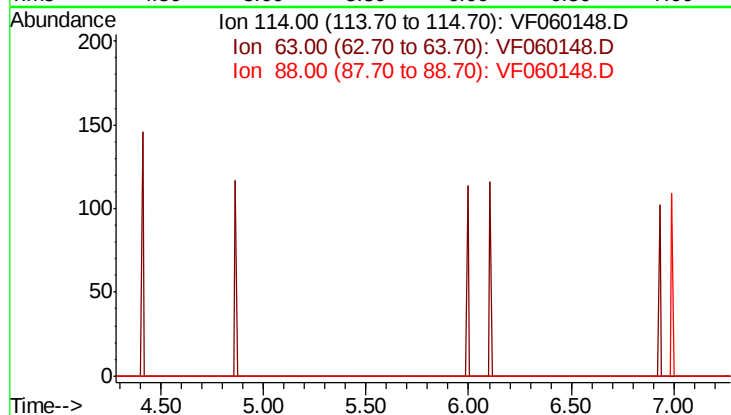
Tot Ion: 114

Sig Exp Ratio

114 100

63 20.2

88 19.3



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.30 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

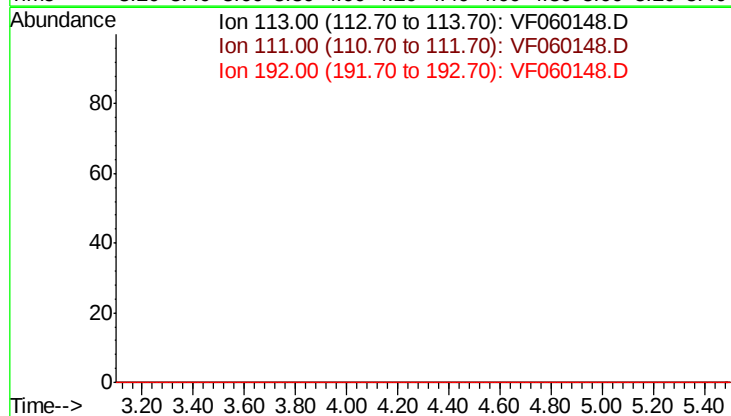
Tgt Ion: 113

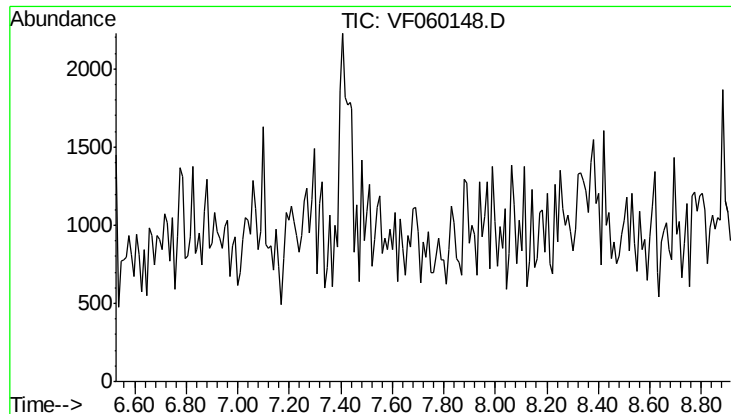
Sig Exp Ratio

113 100

111 103.4

192 16.2

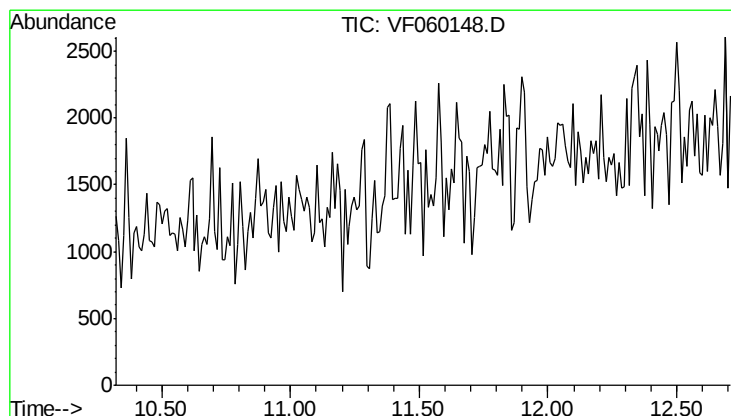
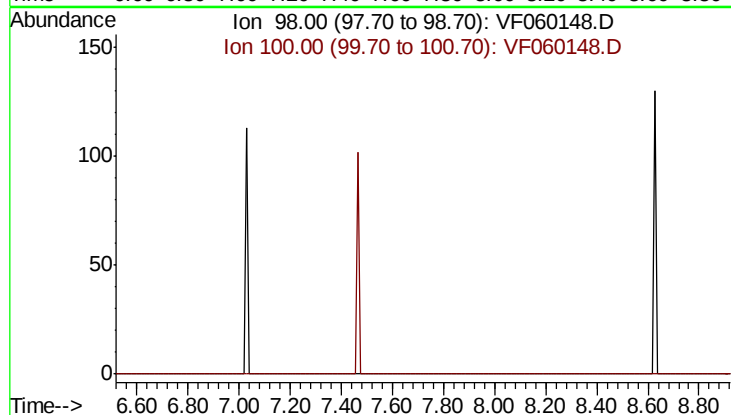




#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.72 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

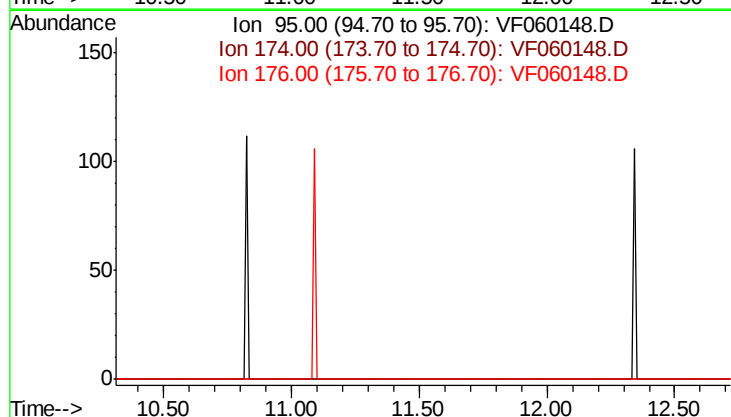
Instrument :
MSVOA_F
ClientSampleId :
BU-01-082318

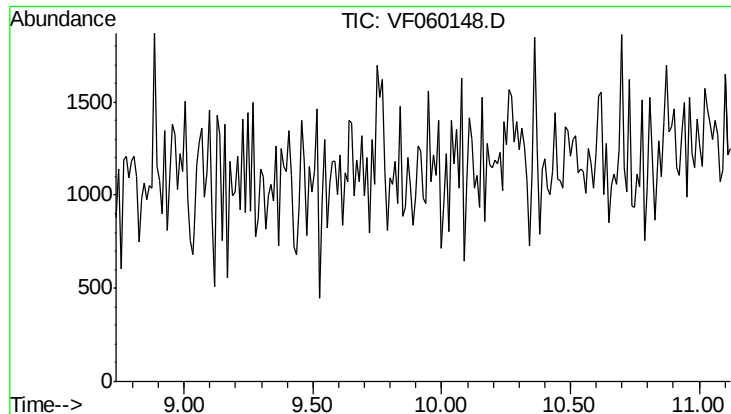
Tot Ion: 98
Sig Exp Ratio
98 100
100 66.5



#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
Expected RT: 11.52 min
Lab File: VF060148.D
Acq: 28 Aug 2018 14:27

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

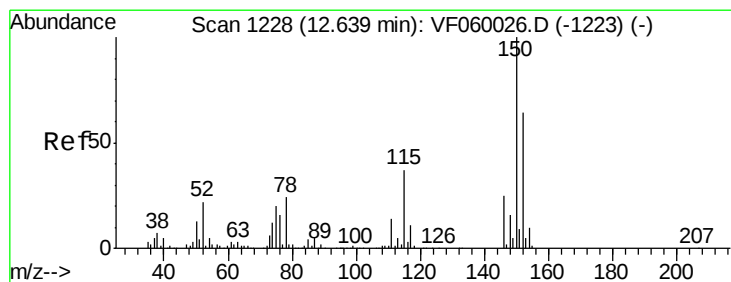
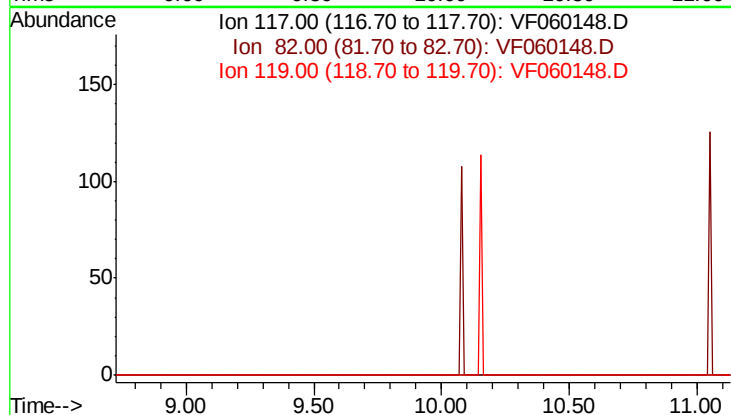




#63
 Chlorobenzene-d5
 Concen: 0.00 ug/l
 Expected RT: 9.93 min
 Lab File: VF060148.D
 Acq: 28 Aug 2018 14:27

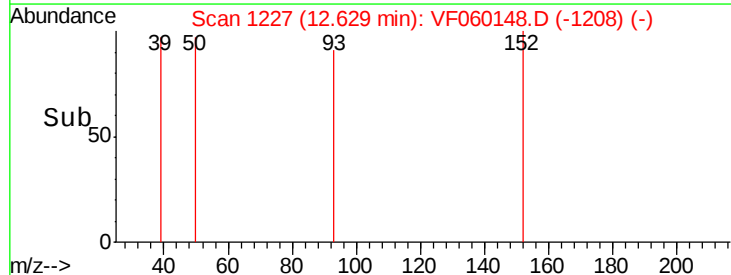
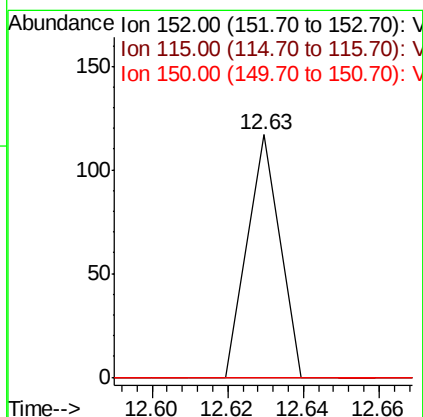
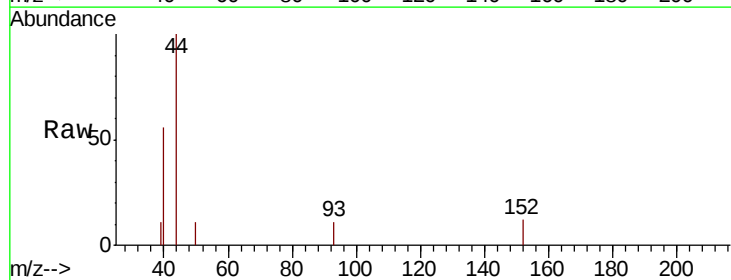
Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-082318

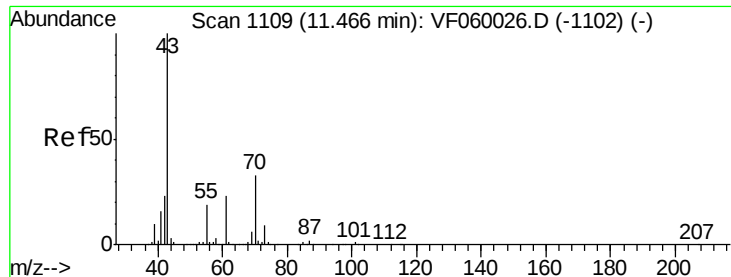
Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 54.5
 119 32.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF060148.D
 Acq: 28 Aug 2018 14:27

Tgt Ion: 152 Resp: 69
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.6 85.9#
 150 0.0 0.0 312.0





#74

N-amvl acetate

Concen: 75.14 ug/l

RT: 11.47 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

BU-01-082318

Tot Ion: 43 Resp: 97

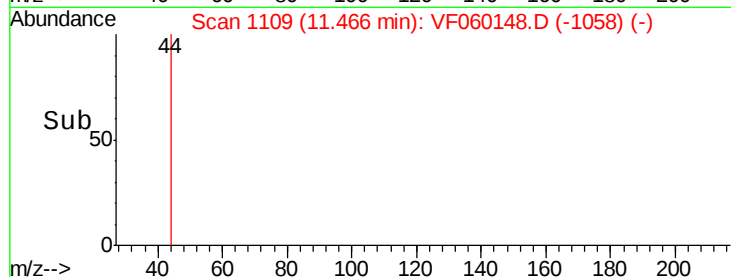
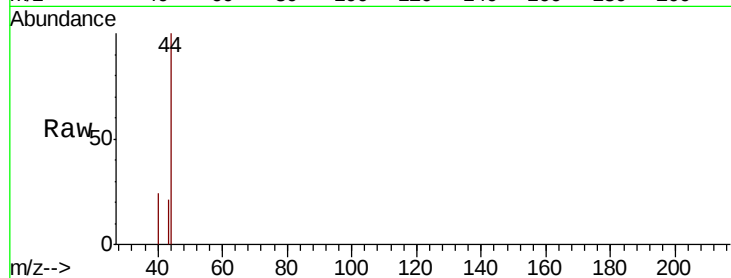
Ion Ratio Lower Upper

43 100

70 0.0 26.4 39.6#

55 0.0 15.0 22.4#

61 0.0 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

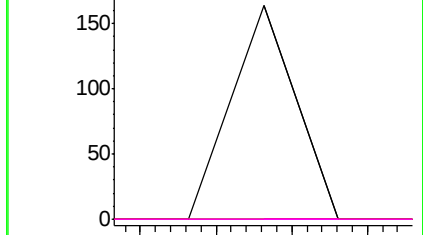
Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

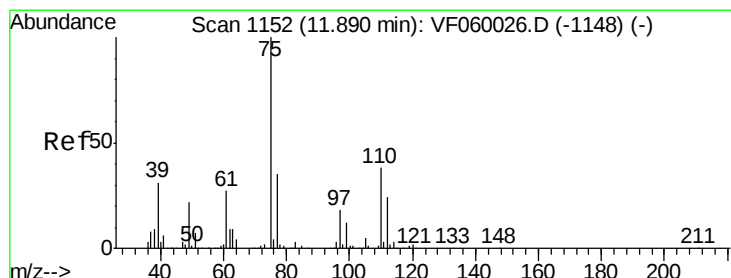
Ion 61.00 (60.70 to 61.70): VF0

11.47

11.45 11.46 11.47 11.48



Time-->



#76

1,2,3-Trichloropropane

Concen: 89.56 ug/l

RT: 12.02 min Scan# 1165

Delta R.T. 0.13 min

Lab File: VF060148.D

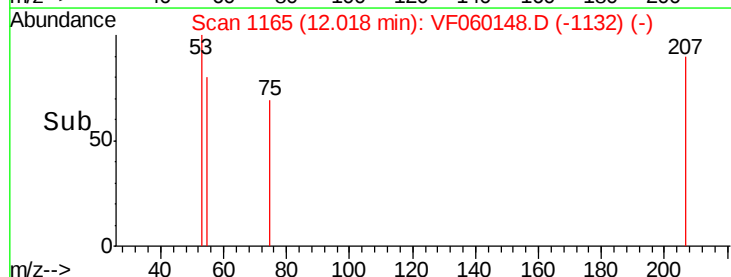
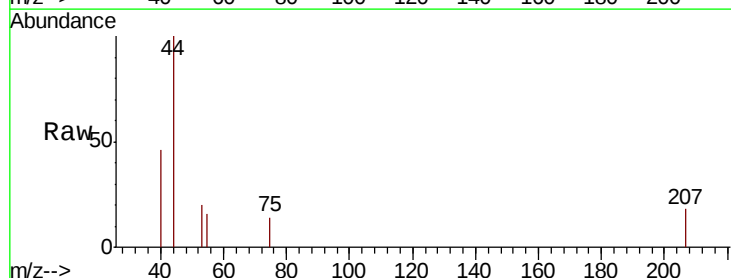
Acq: 28 Aug 2018 14:27

Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 0.0 17.3 52.0#

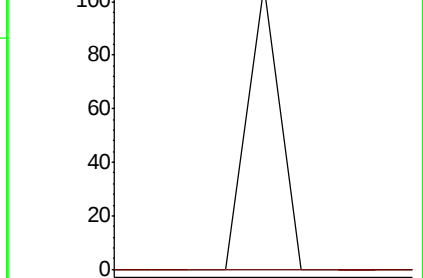


Abundance Ion 75.00 (74.70 to 75.70): VF0

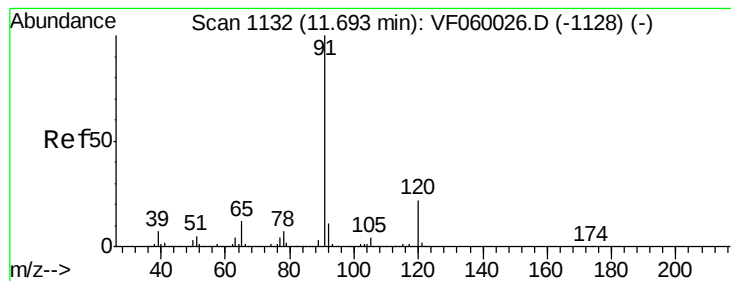
Ion 77.00 (76.70 to 77.70): VF0

12.02

11.98 12.00 12.02 12.04



Time-->



#78

n-propylbenzene

Concen: 12.29 ug/l

RT: 11.63 min Scan# 1126

Delta R.T. -0.06 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

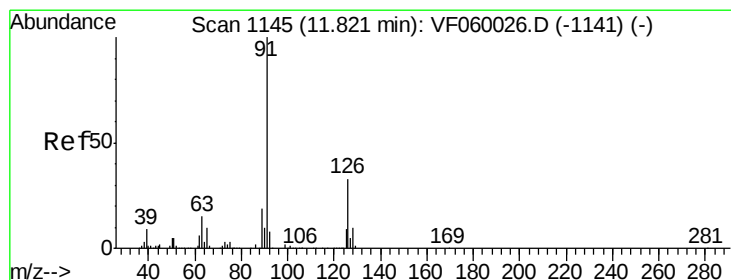
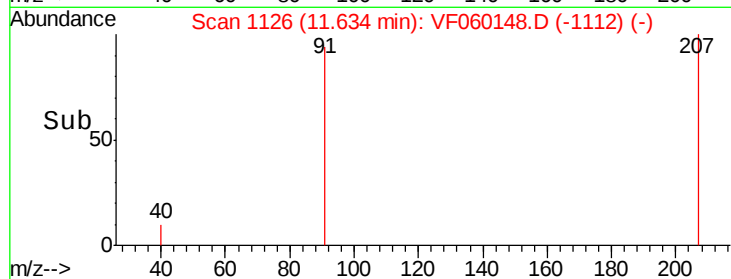
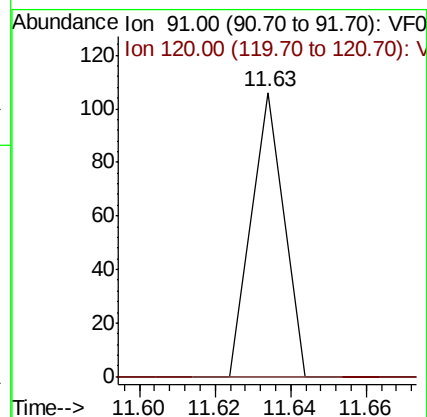
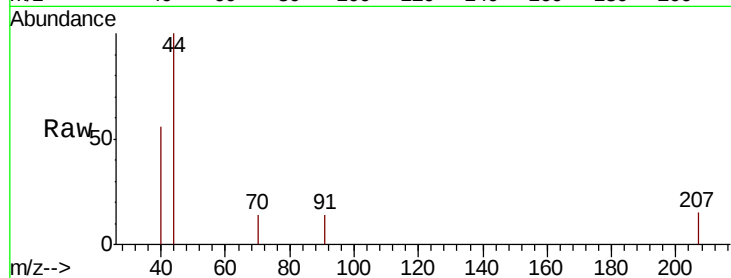
BU-01-082318

Tot Ion: 91 Resp: 63

Ion Ratio Lower Upper

91 100

120 0.0 10.9 32.7#



#79

2-Chlorotoluene

Concen: 23.89 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.04 min

Lab File: VF060148.D

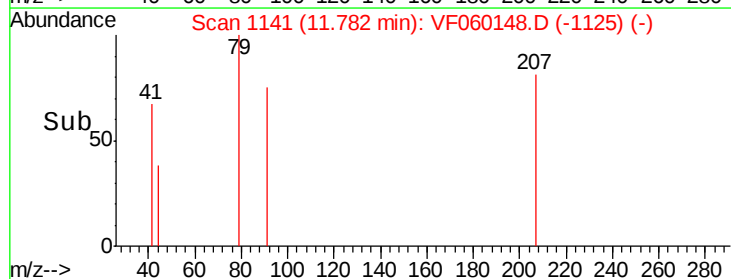
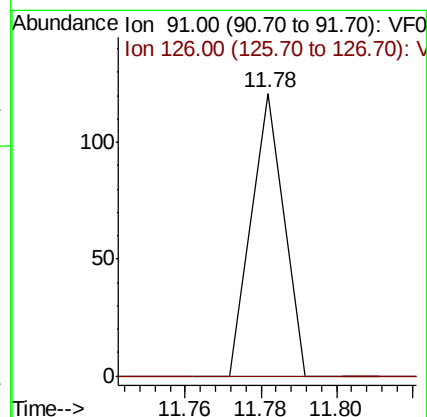
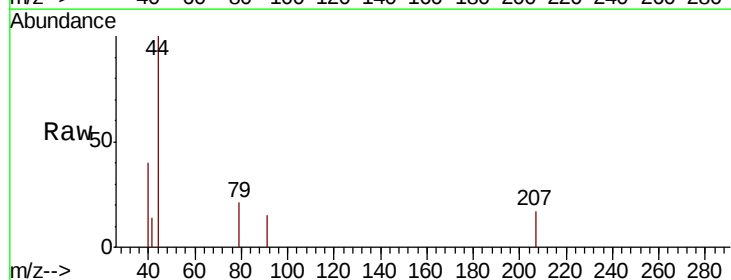
Acq: 28 Aug 2018 14:27

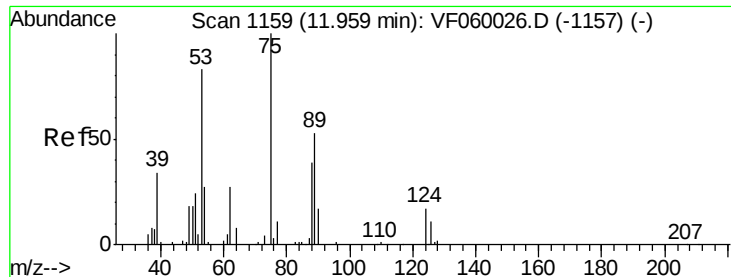
Tgt Ion: 91 Resp: 72

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 195.74 ug/l

RT: 12.02 min Scan# 1165

Delta R.T. 0.06 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

BU-01-082318

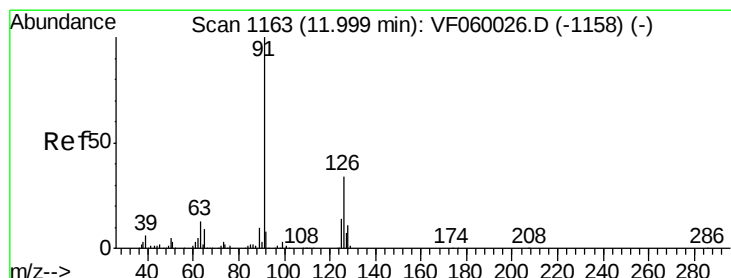
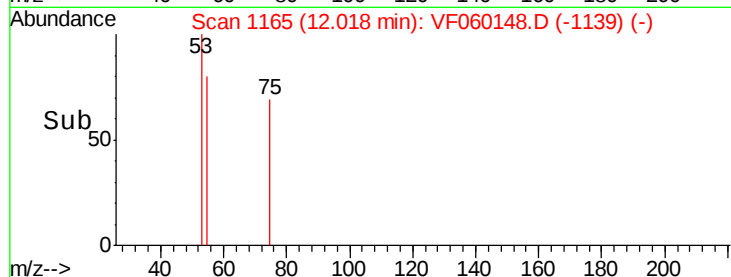
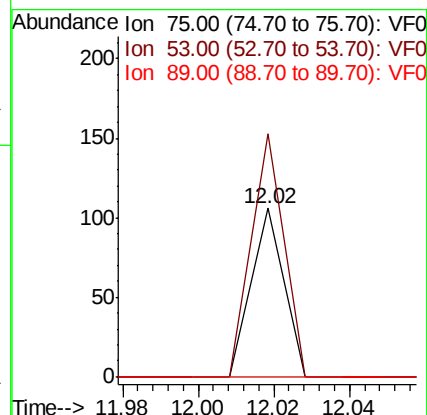
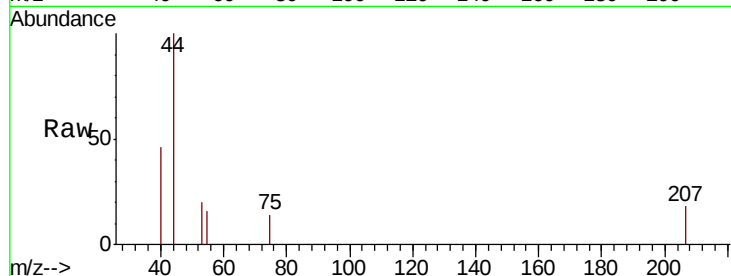
Tot Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

53 144.3 66.2 99.4#

89 0.0 42.8 64.2#



#82

4-Chlorotoluene

Concen: 18.03 ug/l

RT: 12.00 min Scan# 1163

Delta R.T. -0.00 min

Lab File: VF060148.D

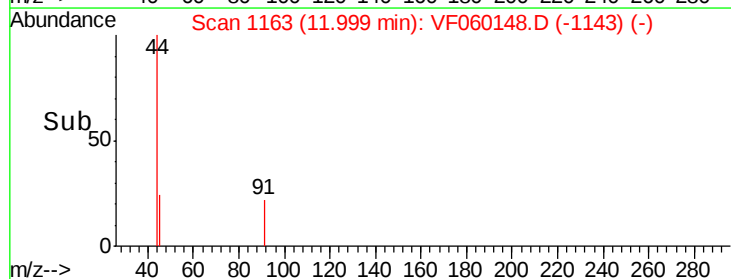
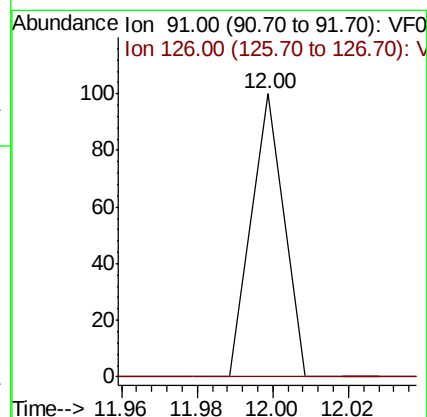
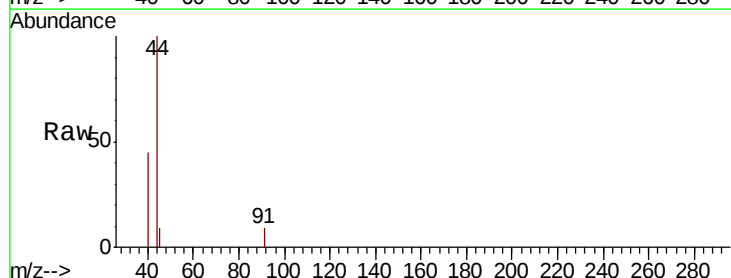
Acq: 28 Aug 2018 14:27

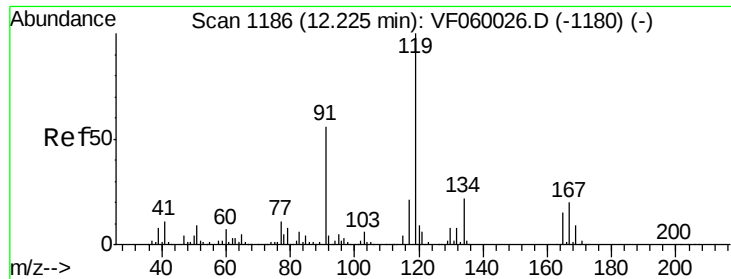
Tgt Ion: 91 Resp: 59

Ion Ratio Lower Upper

91 100

126 0.0 17.0 50.9#





#83

tert-Butylbenzene

Concen: 18.13 ug/l

RT: 12.23 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampled :

BU-01-082318

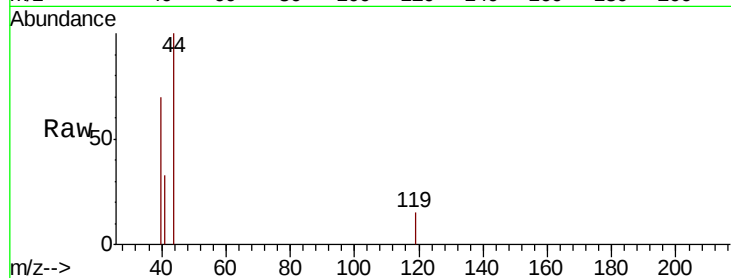
Tot Ion:119 Resp: 64

Ion Ratio Lower Upper

119 100

91 0.0 28.1 84.3#

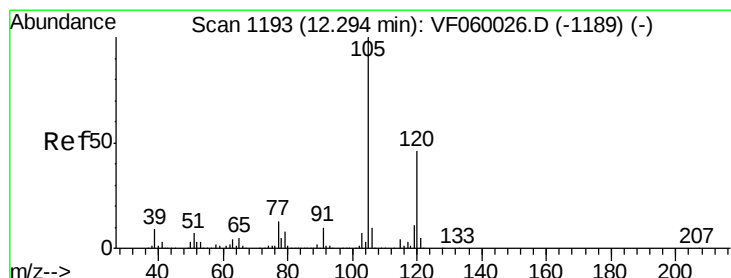
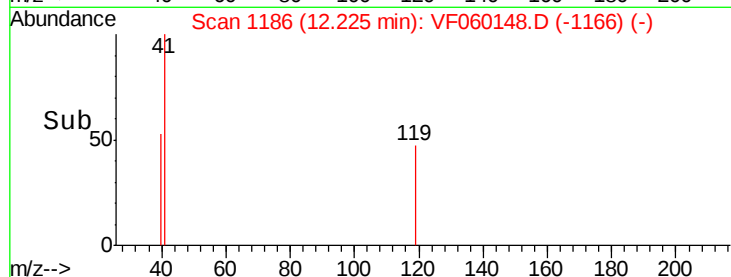
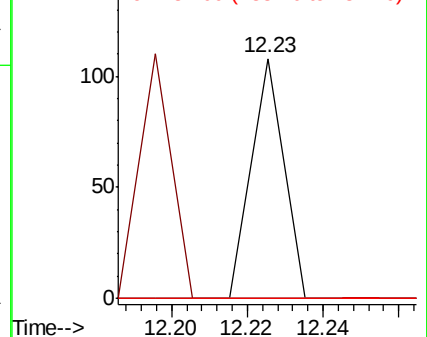
134 0.0 11.1 33.3#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.98 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.09 min

Lab File: VF060148.D

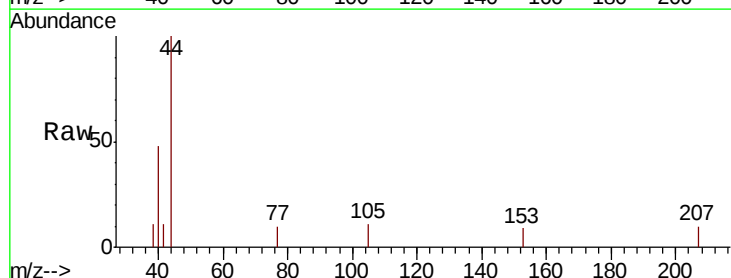
Acq: 28 Aug 2018 14:27

Tgt Ion:105 Resp: 73

Ion Ratio Lower Upper

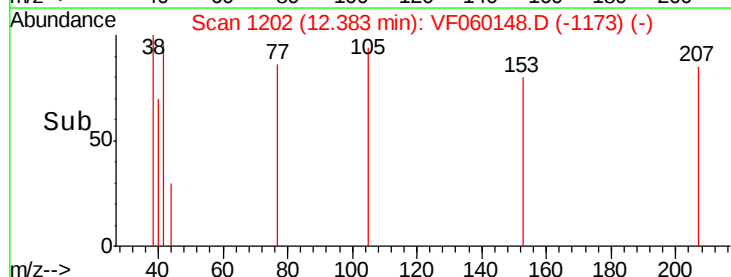
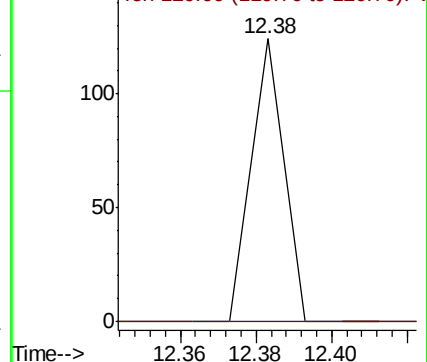
105 100

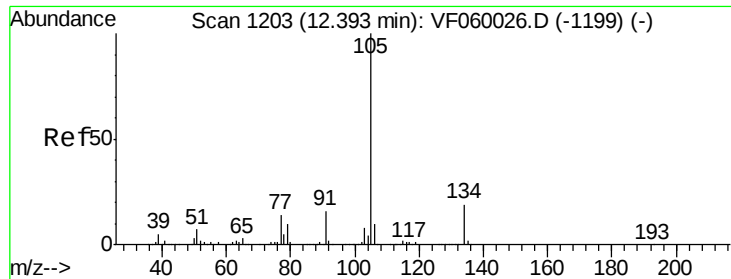
120 0.0 23.3 69.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 14.86 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampled :

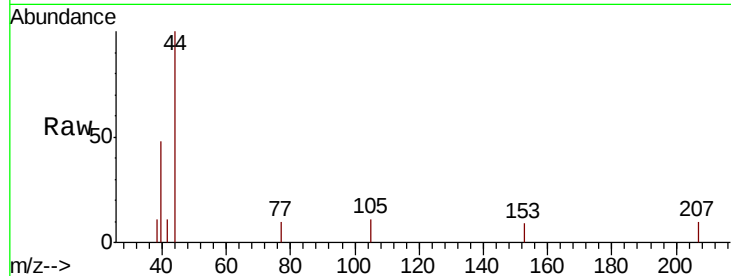
BU-01-082318

Tot Ion:105 Resp: 73

Ion Ratio Lower Upper

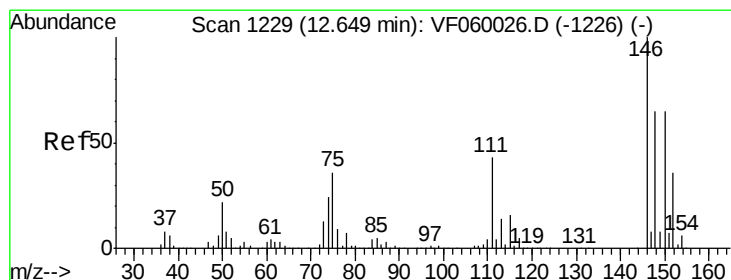
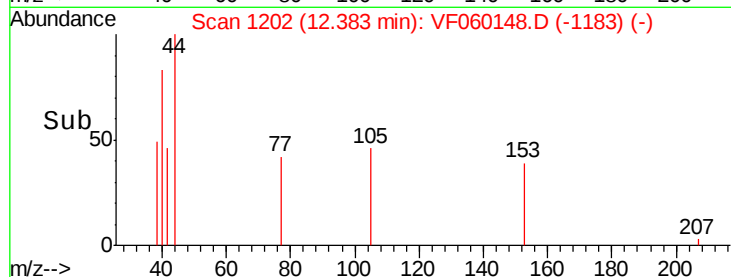
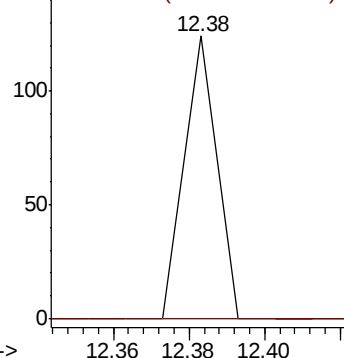
105 100

134 0.0 9.3 27.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#88

1,4-Dichlorobenzene

Concen: 42.40 ug/l

RT: 12.76 min Scan# 1240

Delta R.T. 0.11 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

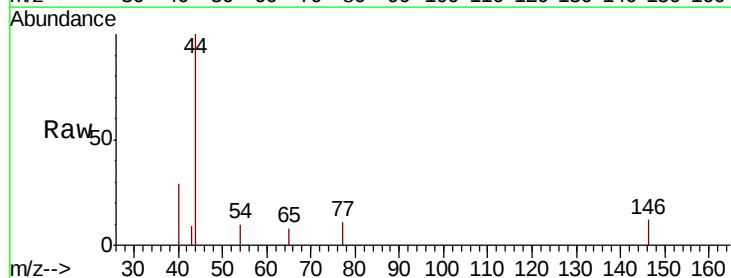
Tgt Ion:146 Resp: 88

Ion Ratio Lower Upper

146 100

111 0.0 21.6 64.8#

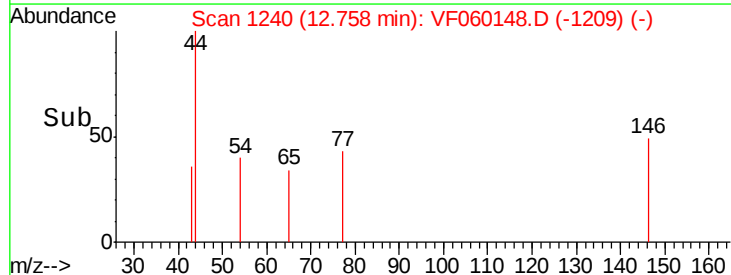
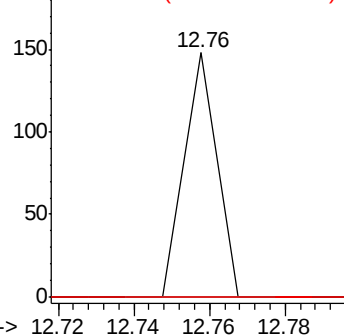
148 0.0 32.3 96.8#

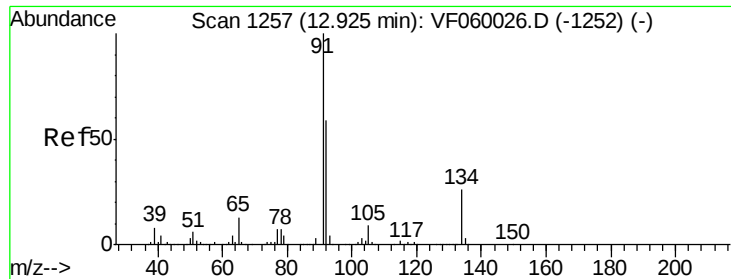


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 15.15 ug/l

RT: 12.93 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

BU-01-082318

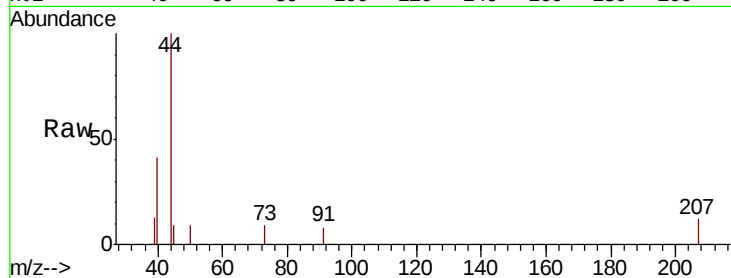
Tot Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

92 0.0 29.3 87.9#

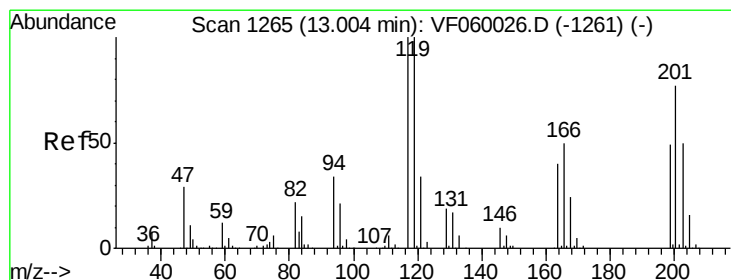
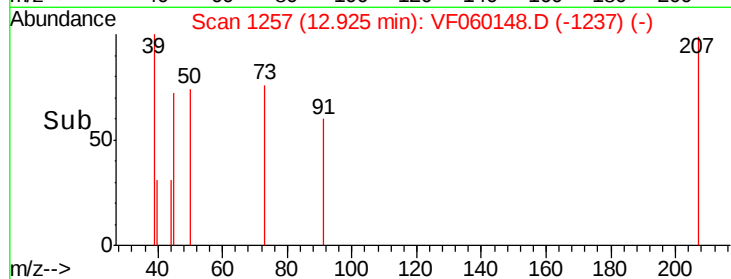
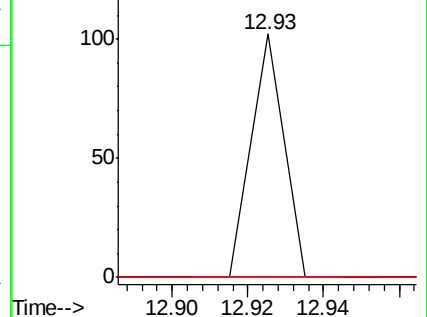
134 0.0 12.8 38.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 64.41 ug/l

RT: 13.15 min Scan# 1280

Delta R.T. 0.15 min

Lab File: VF060148.D

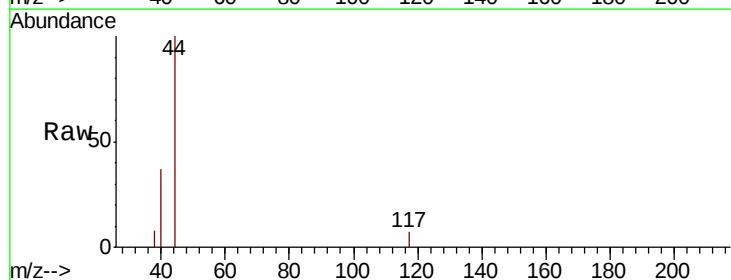
Acq: 28 Aug 2018 14:27

Tgt Ion: 117 Resp: 59

Ion Ratio Lower Upper

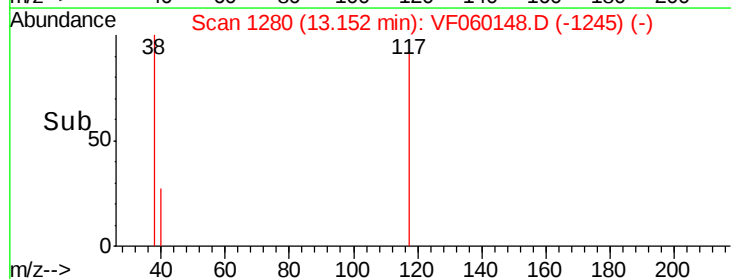
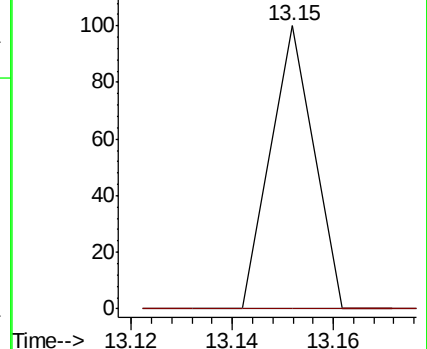
117 100

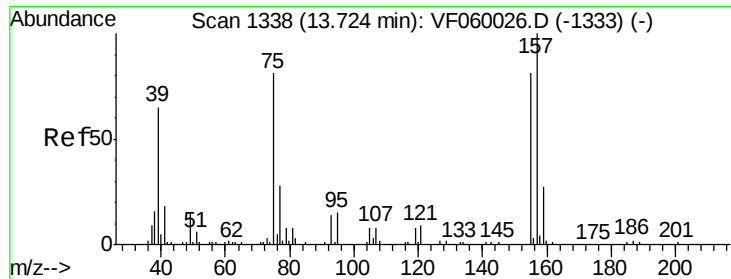
201 0.0 38.6 115.8#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 399.22 ug/l

RT: 13.85 min Scan# 1351

Delta R.T. 0.13 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Instrument :

MSVOA_F

ClientSampleId :

BU-01-082318

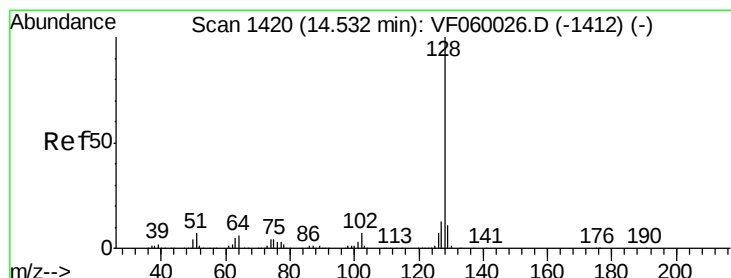
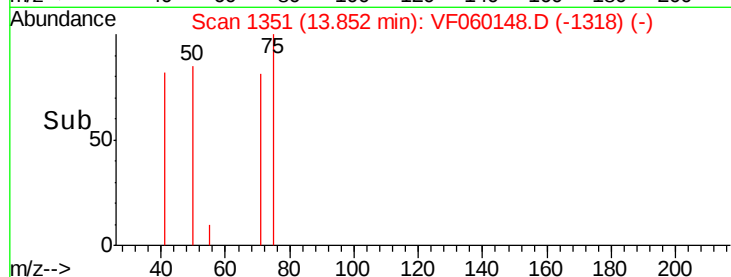
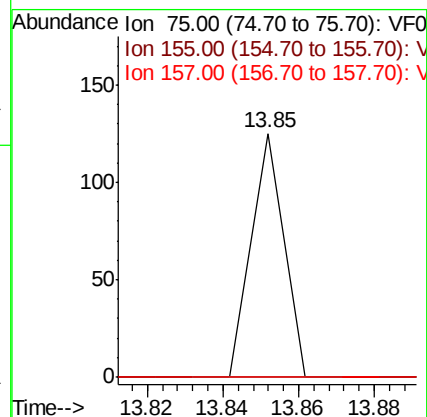
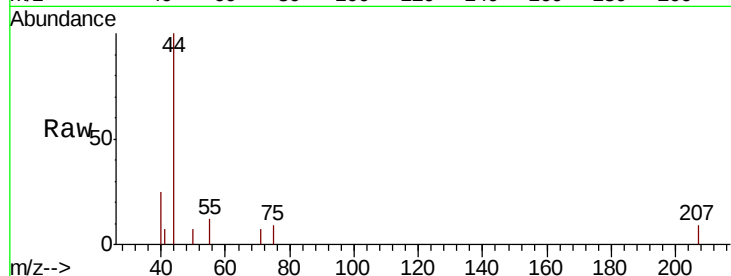
Tot Ion: 75 Resp: 74

Ion Ratio Lower Upper

75 100

155 0.0 49.8 149.3#

157 0.0 61.6 184.7#



#95

Naphthalene

Concen: 53.97 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.04 min

Lab File: VF060148.D

Acq: 28 Aug 2018 14:27

Tgt Ion: 128 Resp: 139

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.5 12.7#

