

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060006.D
 Acq On : 20 Aug 2018 17:05
 Operator : VA/AP
 Sample : J4277-07
 Misc : 3.40g/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-081718-B

Quant Time: Aug 21 04:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	492	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.96	65	60	4.56	ug/l	-0.06
Spiked Amount						
			Recovery	=		9.12%
35) Dibromofluoromethane	4.27	113	111	22.08	ug/l	-0.04
Spiked Amount						
			Recovery	=		44.16%
50) Toluene-d8	7.72	98	417	37.29	ug/l	0.00
Spiked Amount						
			Recovery	=		74.58%
62) 4-Bromofluorobenzene	11.52	95	64	9.33	ug/l	0.00
Spiked Amount						
			Recovery	=		18.66%

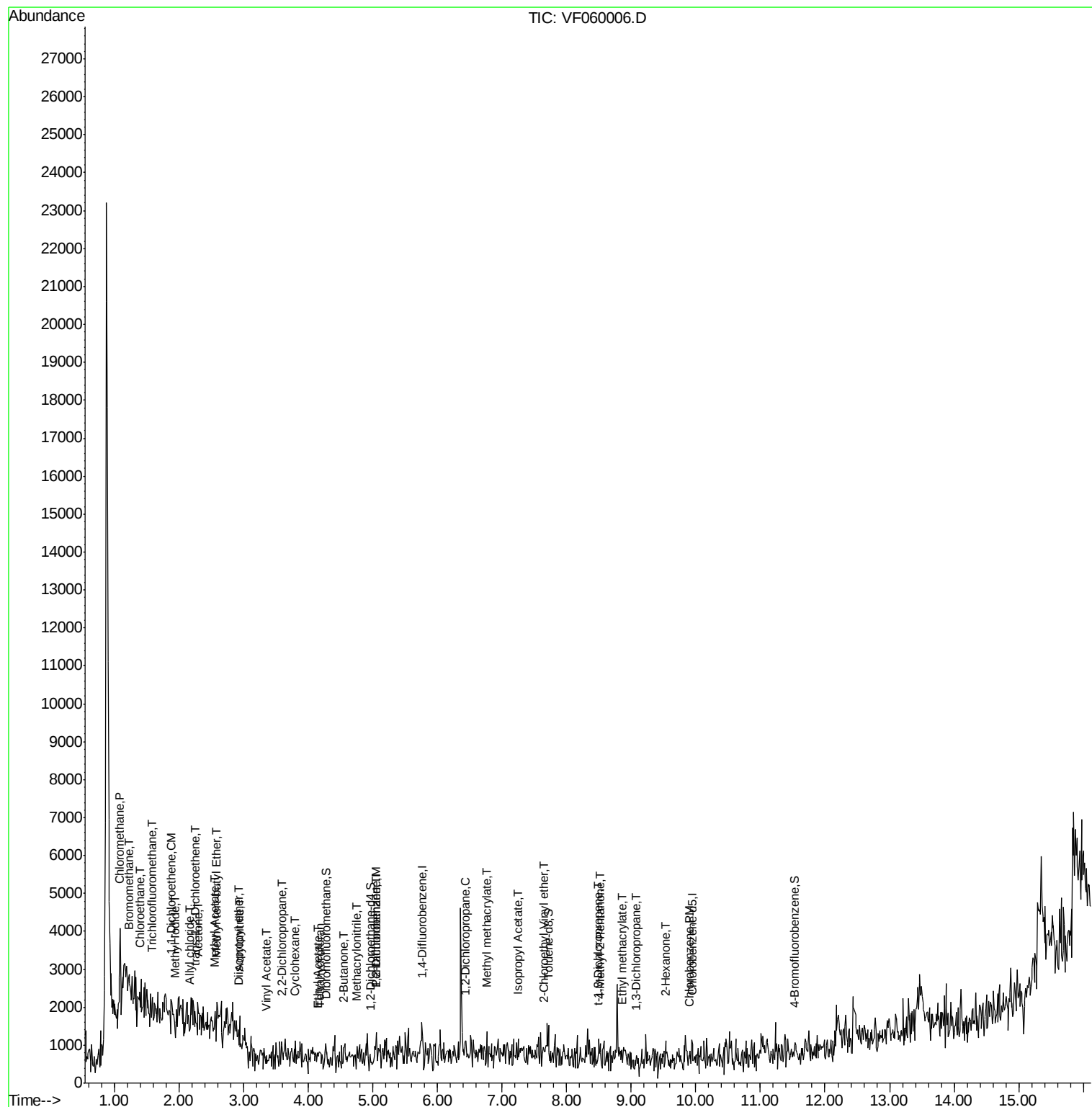
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	85	14.32	ug/l #	45
5) Bromomethane	1.23	94	68	10.33	ug/l #	3
6) Chloroethane	1.39	64	252	70.26	ug/l #	44
7) Trichlorofluoromethane	1.58	101	70	3.53	ug/l #	18
10) Methyl Iodide	1.93	142	61	5.20	ug/l #	25
12) 1,1-Dichloroethene	1.88	96	68	10.61	ug/l #	1
14) Allyl chloride	2.16	41	71	6.53	ug/l #	1
15) Acrylonitrile	2.93	53	67	54.01	ug/l #	70
16) Acetone	2.30	43	64	6.75	ug/l #	64
18) Methyl Acetate	2.56	43	164	22.69	ug/l #	63
19) Methyl tert-butyl Ether	2.57	73	62	2.94	ug/l #	60
21) trans-1,2-Dichloroethene	2.26	96	69	10.03	ug/l #	35
22) Diisopropyl ether	2.92	45	85	3.65	ug/l #	57
23) Vinyl Acetate	3.35	43	60	6.41	ug/l #	84
25) 2-Butanone	4.54	43	75	23.57	ug/l #	63
26) 2,2-Dichloropropane	3.60	77	76	5.62	ug/l #	67
29) Tetrahydrofuran	4.17	42	95	83.64	ug/l #	38
31) Cyclohexane	3.80	56	64	9.16	ug/l #	15
37) Ethyl Acetate	4.14	43	70	22.60	ug/l #	1
41) Methacrylonitrile	4.75	41	123	82.94	ug/l #	19
42) 1,2-Dichloroethane	5.05	62	78	9.70	ug/l	86
43) Isopropyl Acetate	7.25	43	153	44.88	ug/l #	58
45) 1,2-Dichloropropane	6.44	63	64	23.59	ug/l #	43
48) Methyl methacrylate	6.77	41	67	26.40	ug/l #	14
51) 4-Methyl-2-Pentanone	8.52	43	168	52.75	ug/l	89
53) t-1,3-Dichloropropene	8.48	75	70	11.49	ug/l #	42
56) Ethyl methacrylate	8.86	69	60	18.18	ug/l #	11
57) 1,3-Dichloropropane	9.07	76	64	12.61	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.63	63	72	260.18	ug/l	100
59) 2-Hexanone	9.54	43	151	57.43	ug/l #	35
65) Chlorobenzene	9.90	112	61	30.91	ug/l #	43

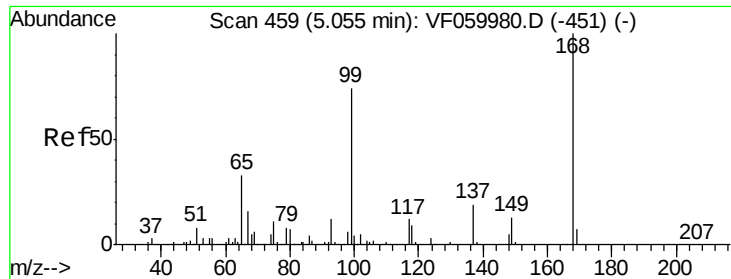
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

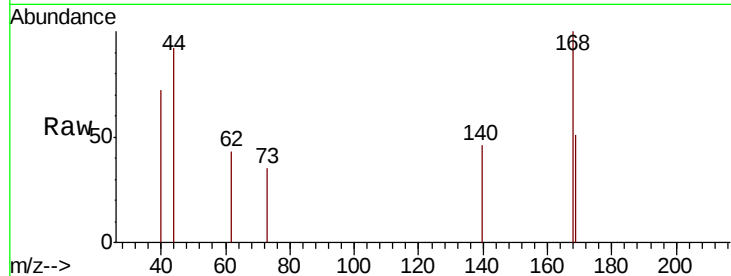
OR-03-081718-B

Tot Ion:168 Resp: 682

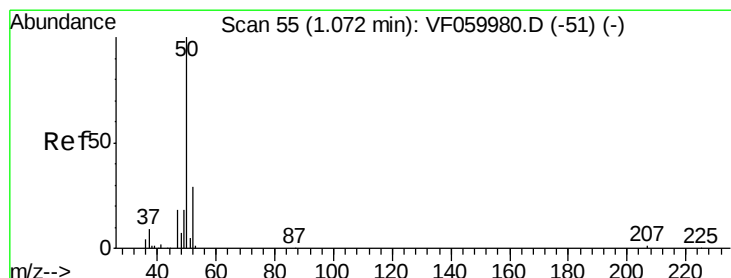
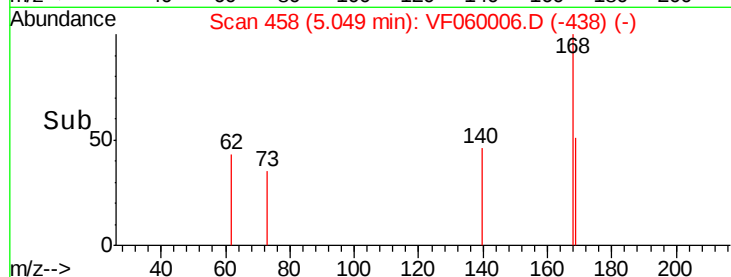
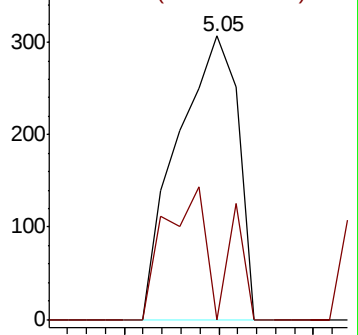
Ion Ratio Lower Upper

168 100

99 0.0 59.0 88.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#3

Chloromethane

Concen: 14.32 ug/l

RT: 1.09 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060006.D

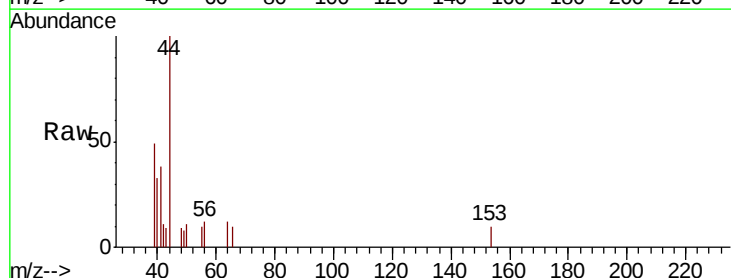
Acq: 20 Aug 2018 17:05

Tgt Ion: 50 Resp: 85

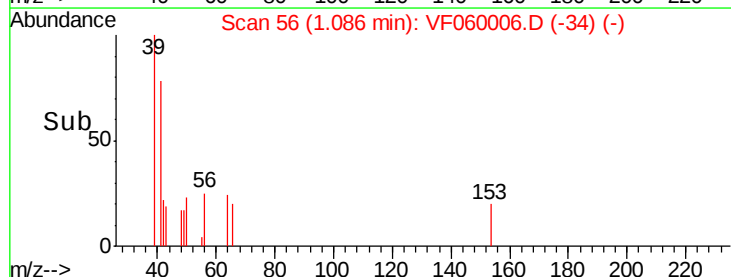
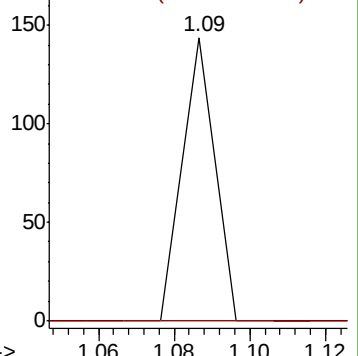
Ion Ratio Lower Upper

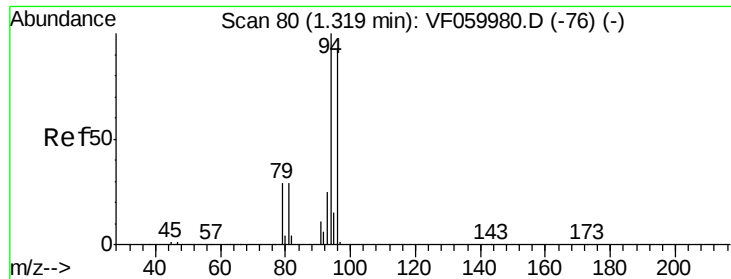
50 100

52 0.0 23.6 35.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0





#5

Bromomethane

Concen: 10.33 ug/l

RT: 1.23 min Scan# 71

Delta R.T. -0.08 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

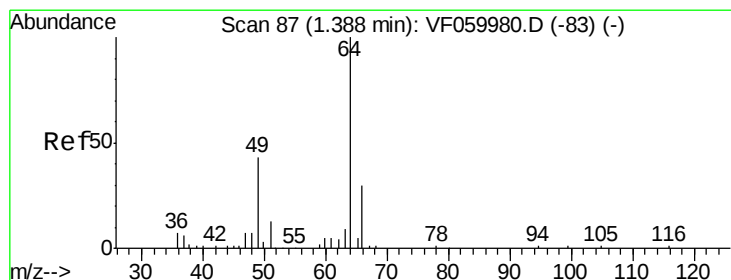
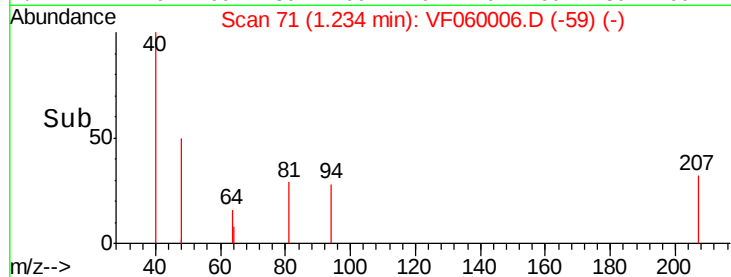
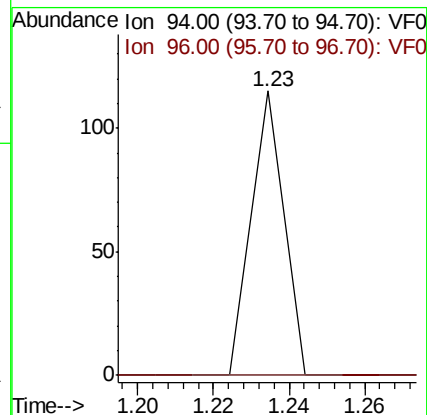
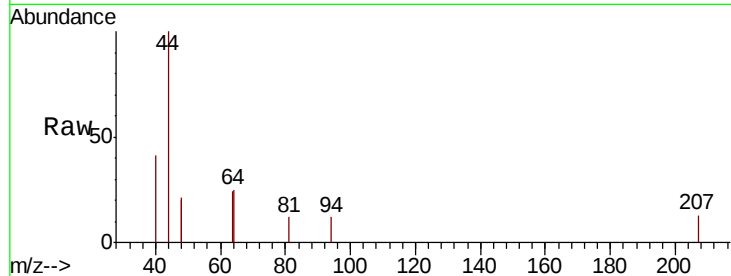
OR-03-081718-B

Tot Ion: 94 Resp: 68

Ion Ratio Lower Upper

94 100

96 0.0 73.9 110.9#



#6

Chloroethane

Concen: 70.26 ug/l

RT: 1.39 min Scan# 87

Delta R.T. 0.00 min

Lab File: VF060006.D

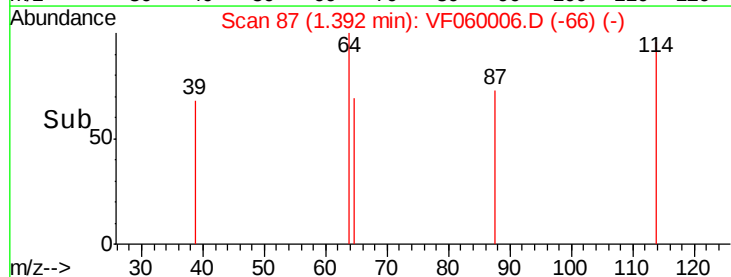
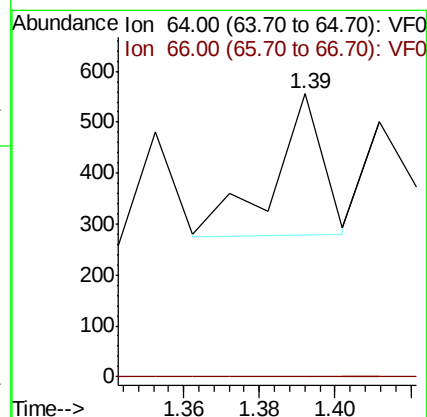
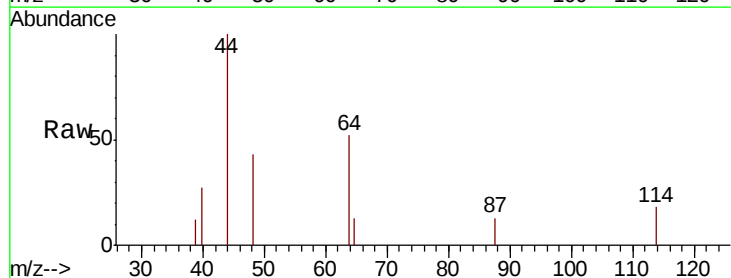
Acq: 20 Aug 2018 17:05

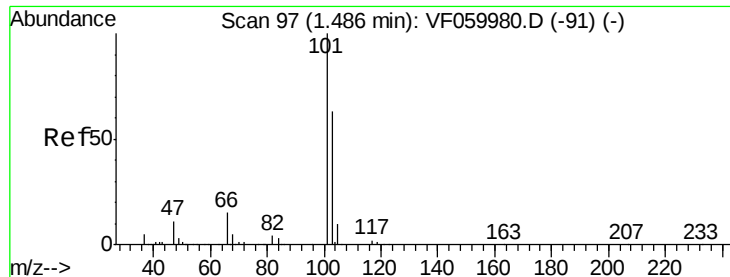
Tgt Ion: 64 Resp: 252

Ion Ratio Lower Upper

64 100

66 0.0 24.4 36.6#





#7

Trichlorofluoromethane

Concen: 3.53 ug/l

RT: 1.58 min Scan# 106

Delta R.T. 0.09 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

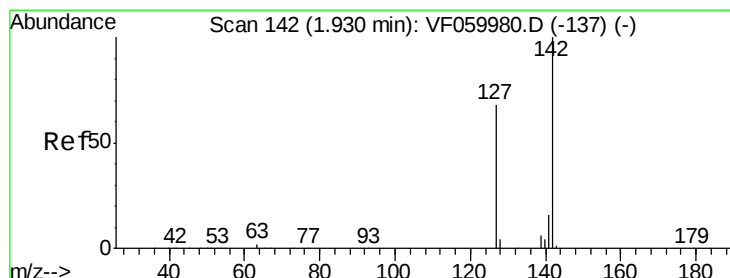
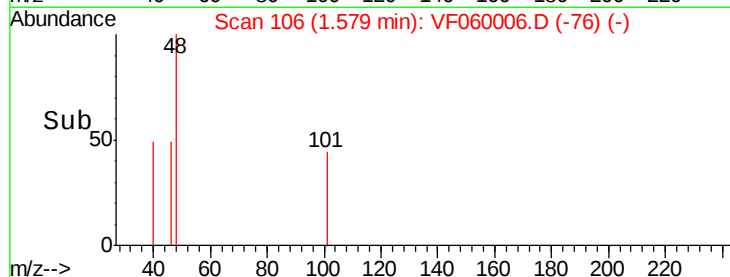
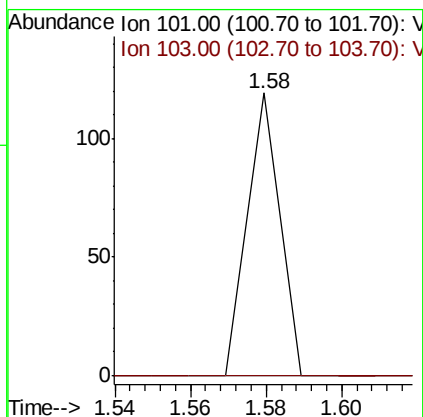
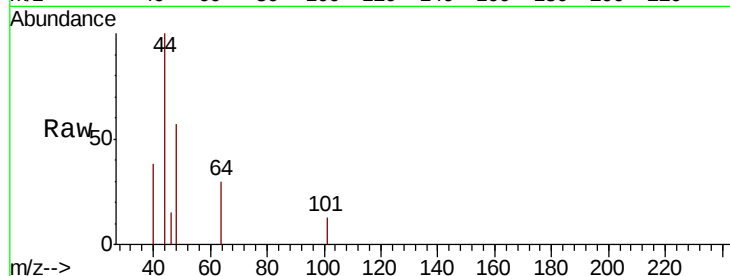
OR-03-081718-B

Tot Ion:101 Resp: 70

Ion Ratio Lower Upper

101 100

103 0.0 50.8 76.2#



#10

Methyl Iodide

Concen: 5.20 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

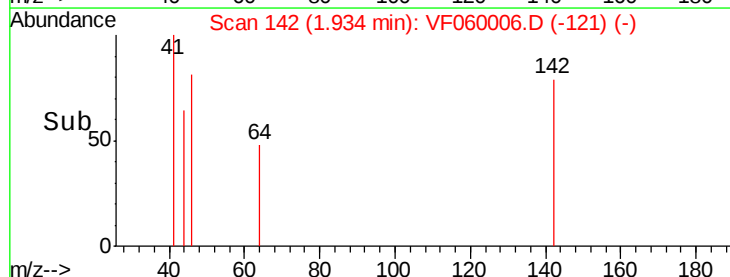
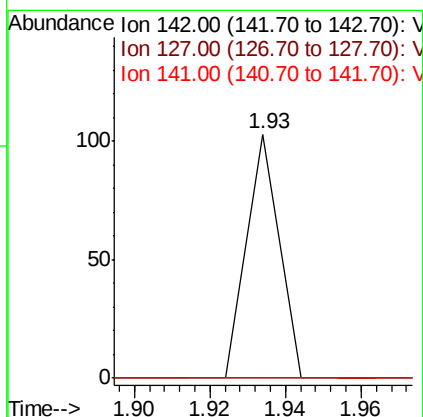
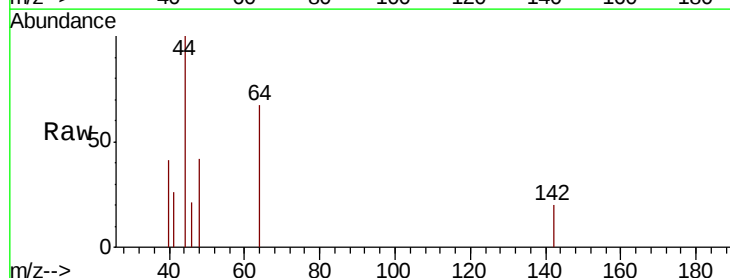
Tgt Ion:142 Resp: 61

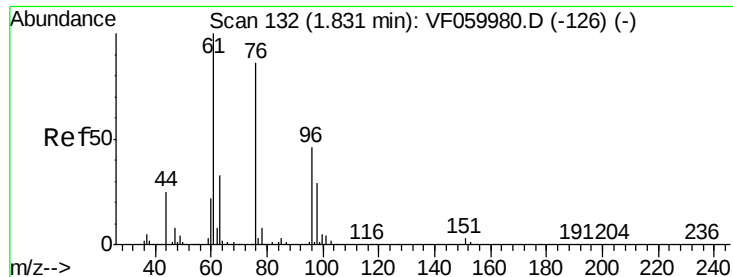
Ion Ratio Lower Upper

142 100

127 0.0 54.1 81.1#

141 0.0 12.5 18.7#





#12

1,1-Dichloroethene

Concen: 10.61 ug/l

RT: 1.88 min Scan# 137

Delta R.T. 0.05 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

OR-03-081718-B

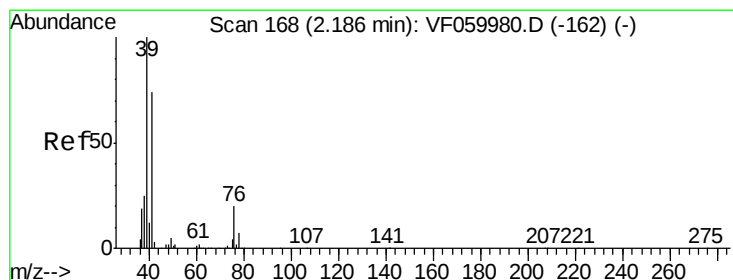
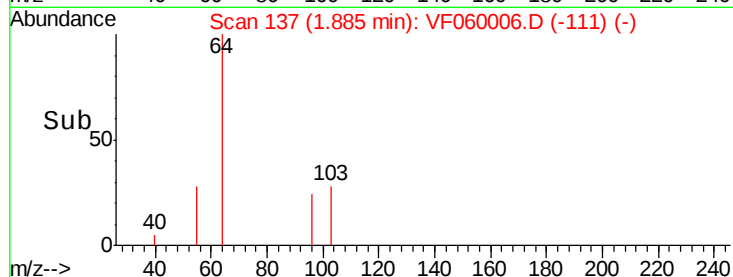
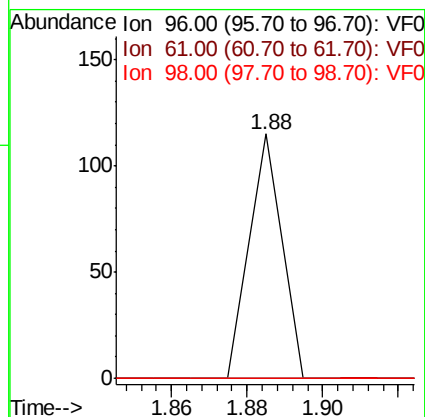
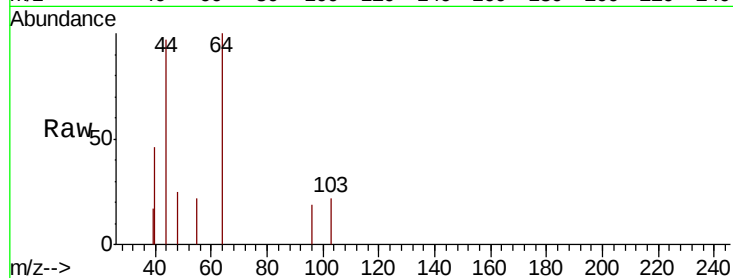
Tot Ion: 96 Resp: 68

Ion Ratio Lower Upper

96 100

61 0.0 175.6 263.4#

98 0.0 50.6 75.8#



#14

Allyl chloride

Concen: 6.53 ug/l

RT: 2.16 min Scan# 165

Delta R.T. -0.03 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

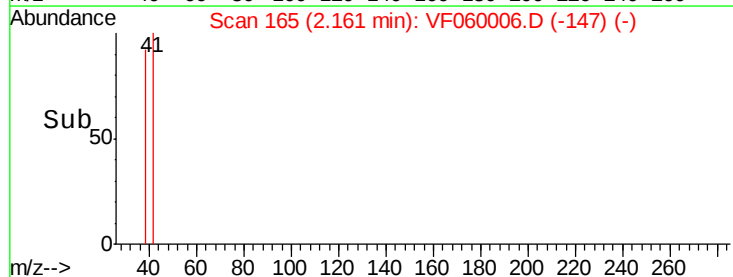
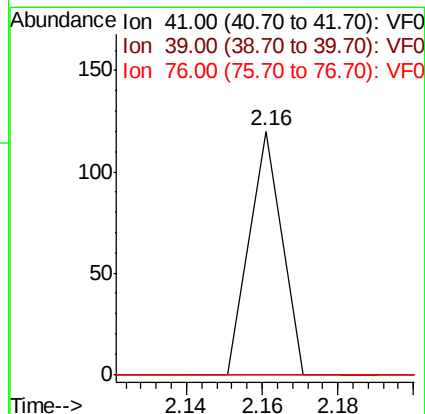
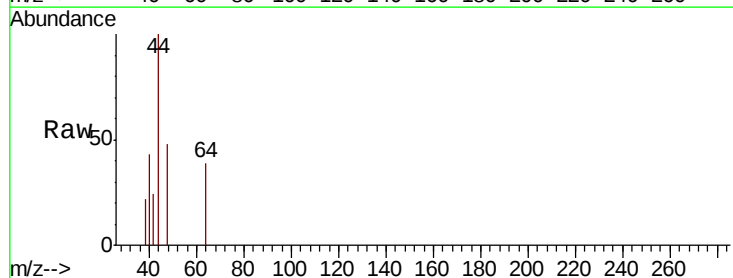
Tgt Ion: 41 Resp: 71

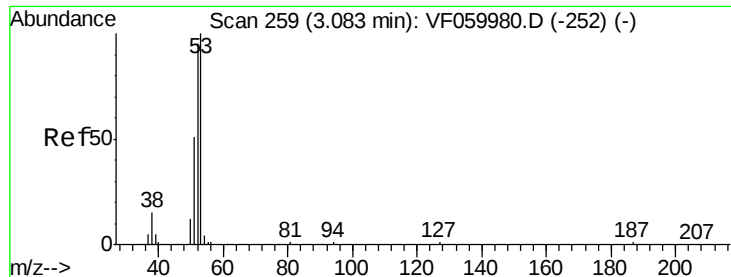
Ion Ratio Lower Upper

41 100

39 0.0 109.3 163.9#

76 0.0 21.3 31.9#





#15

Acrylonitrile

Concen: 54.01 ug/l

RT: 2.93 min Scan# 243

Delta R.T. -0.15 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

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MSVOA_F

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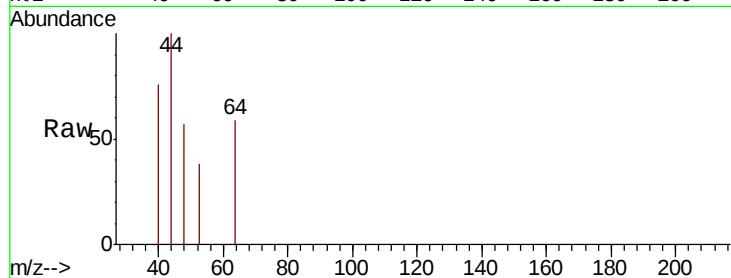
Tot Ion: 53 Resp: 67

Ion Ratio Lower Upper

53 100

52 100.0 76.0 114.0

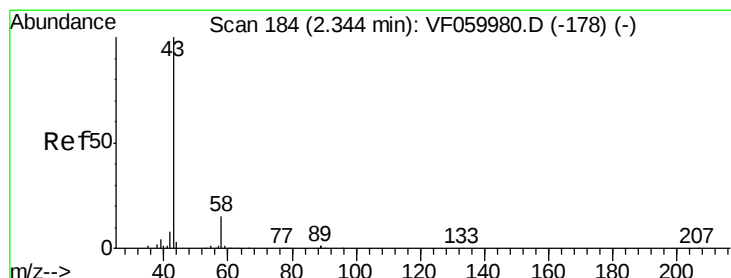
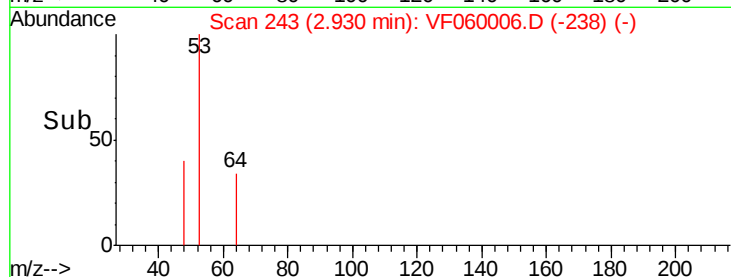
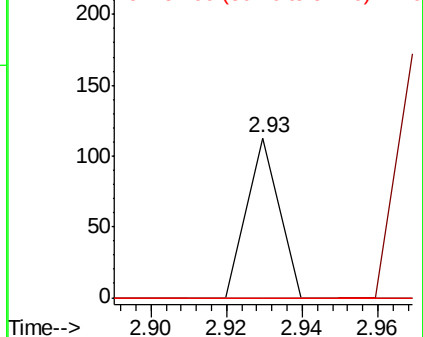
51 0.0 41.9 62.9#



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: 6.75 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.04 min

Lab File: VF060006.D

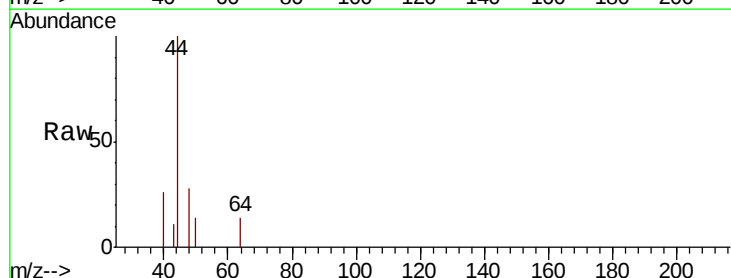
Acq: 20 Aug 2018 17:05

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

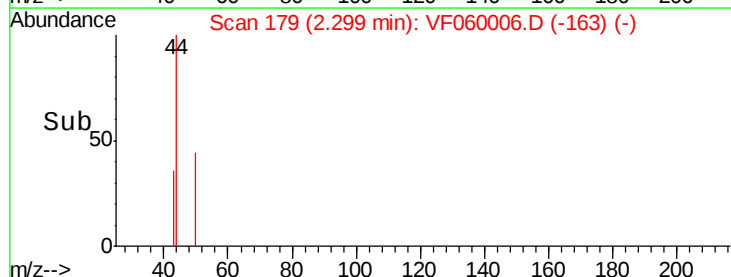
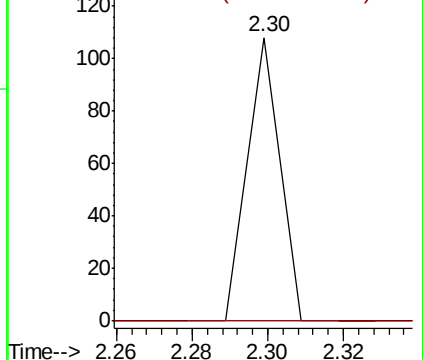
43 100

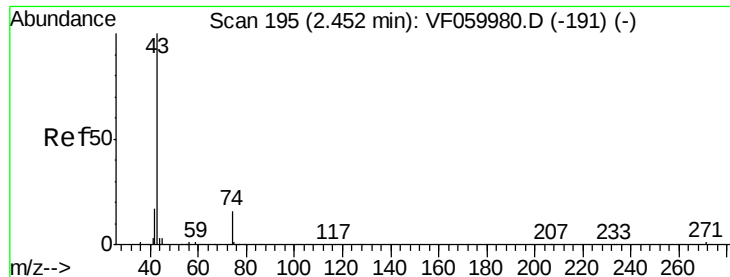
58 0.0 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

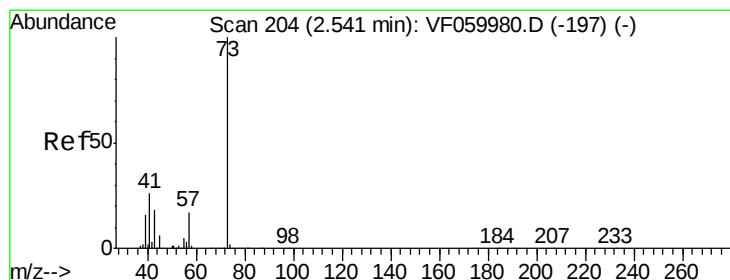
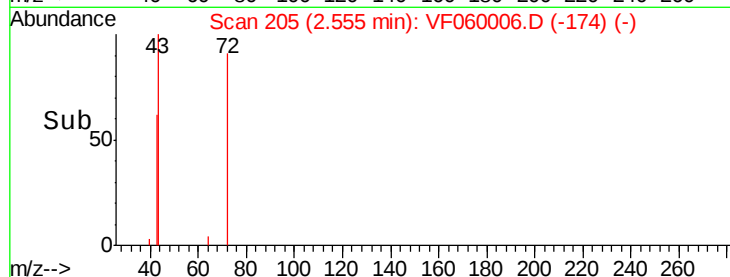
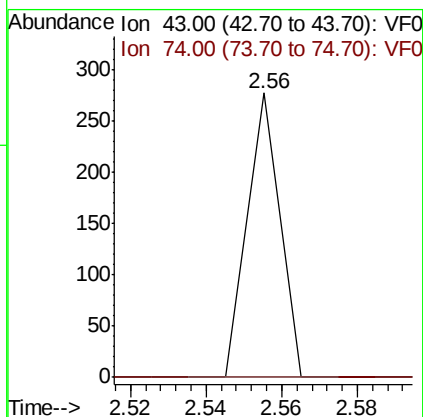
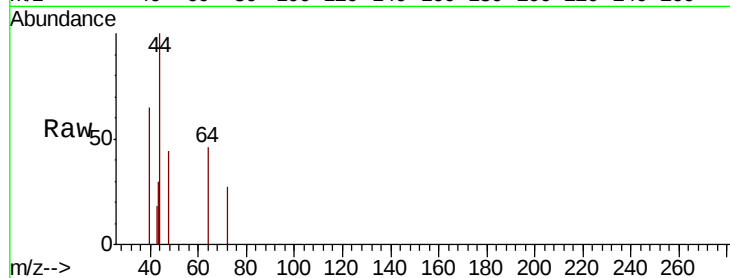




#18
Methyl Acetate
Concen: 22.69 ug/l
RT: 2.56 min Scan# 205
Delta R.T. 0.10 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

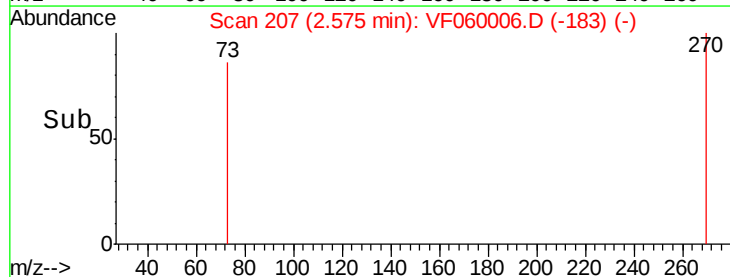
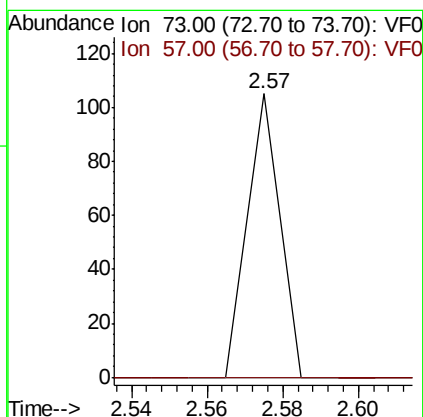
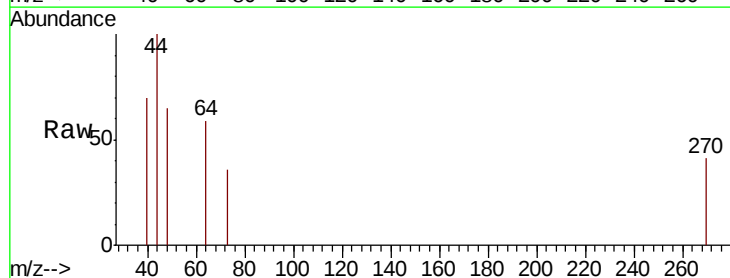
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OR-03-081718-B

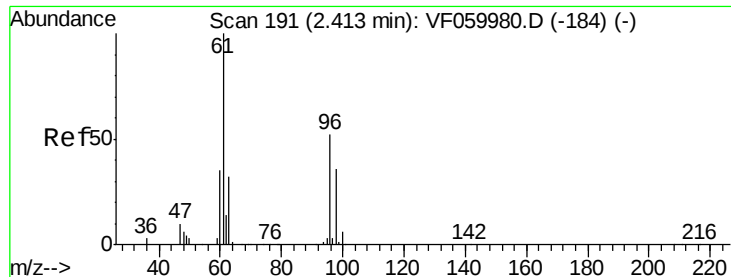
Tot Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
74 0.0 12.3 18.5#



#19
Methyl tert-butyl Ether
Concen: 2.94 ug/l
RT: 2.57 min Scan# 207
Delta R.T. 0.03 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Tgt Ion: 73 Resp: 62
Ion Ratio Lower Upper
73 100
57 0.0 14.2 21.2#





#21

trans-1,2-Dichloroethene

Concen: 10.03 ug/l

RT: 2.26 min Scan# 175

Delta R.T. -0.15 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

OR-03-081718-B

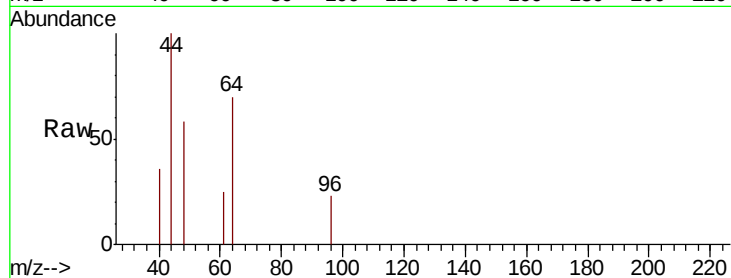
Tot Ion: 96 Resp: 69

Ion Ratio Lower Upper

96 100

61 106.0 153.0 229.4#

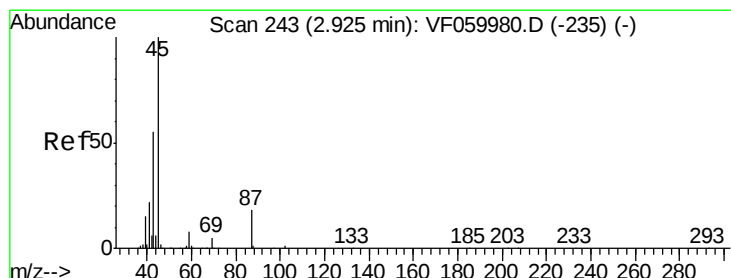
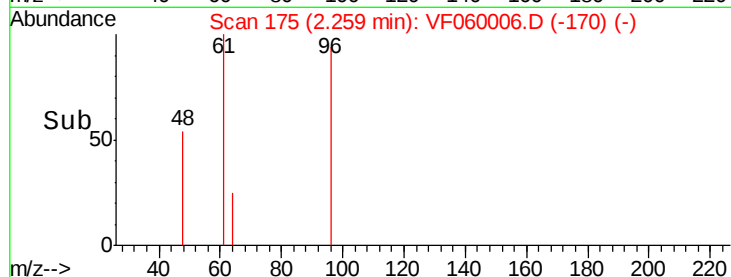
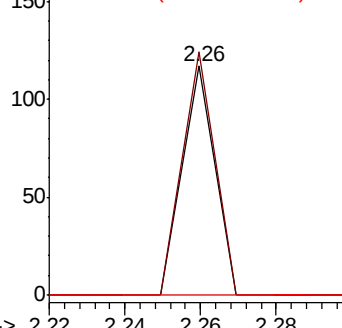
98 0.0 55.5 83.3#



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: 3.65 ug/l

RT: 2.92 min Scan# 242

Delta R.T. -0.01 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Tgt Ion: 45 Resp: 85

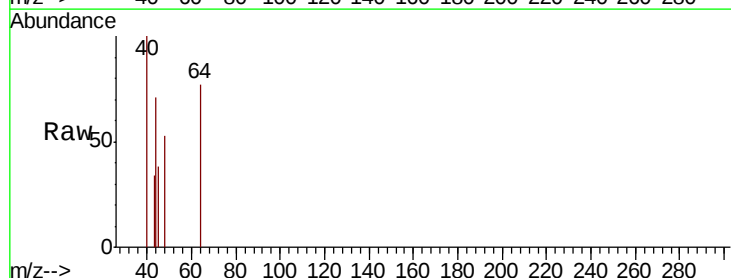
Ion Ratio Lower Upper

45 100

43 90.2 44.8 67.2#

87 0.0 14.6 21.8#

59 0.0 6.8 10.2#

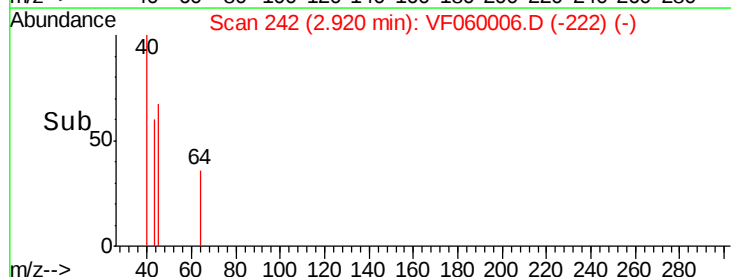
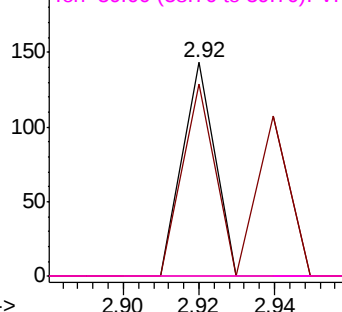


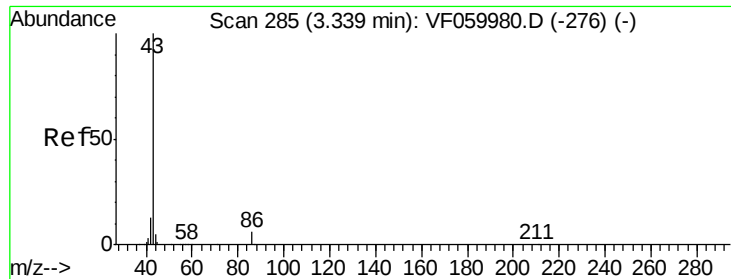
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 6.41 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.01 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

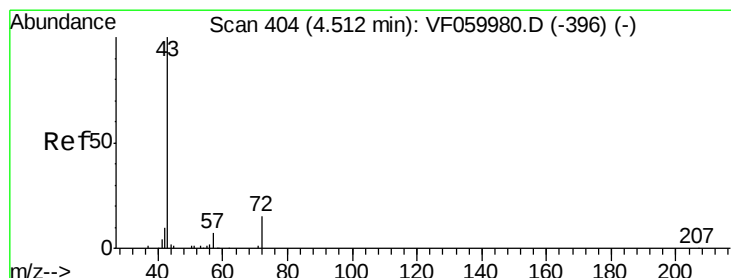
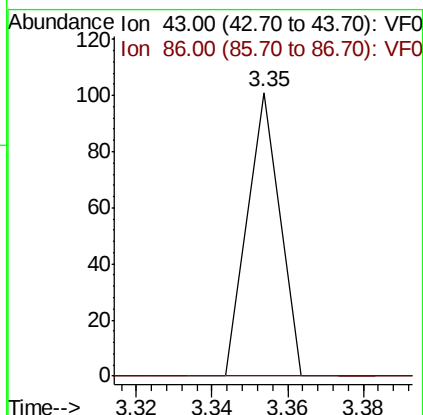
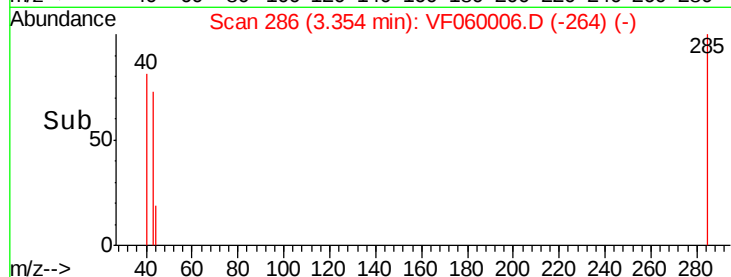
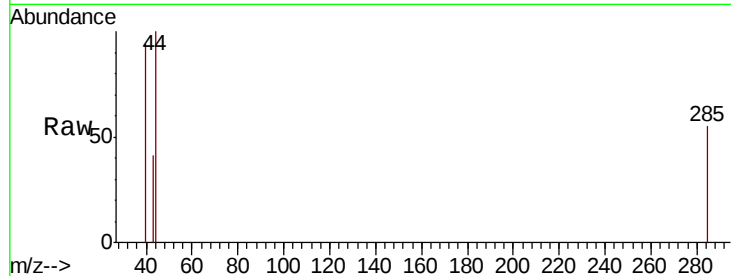
OR-03-081718-B

Tot Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

86 0.0 4.4 6.6#



#25

2-Butanone

Concen: 23.57 ug/l

RT: 4.54 min Scan# 406

Delta R.T. 0.02 min

Lab File: VF060006.D

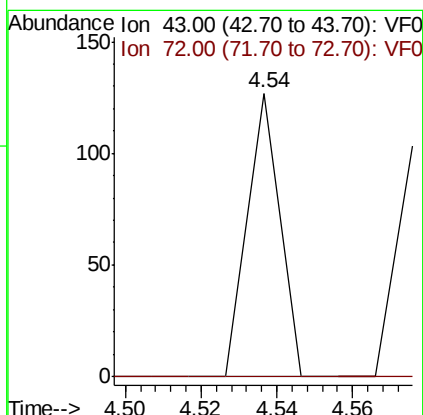
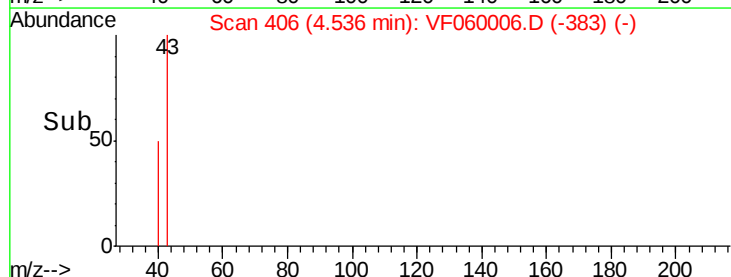
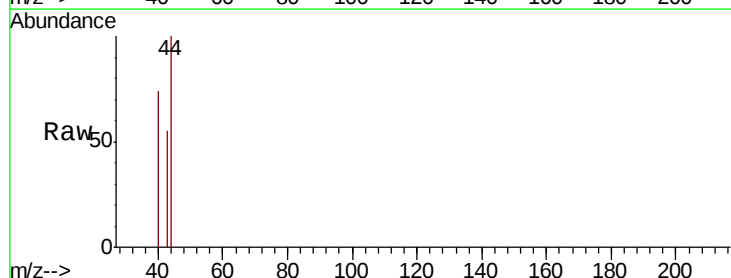
Acq: 20 Aug 2018 17:05

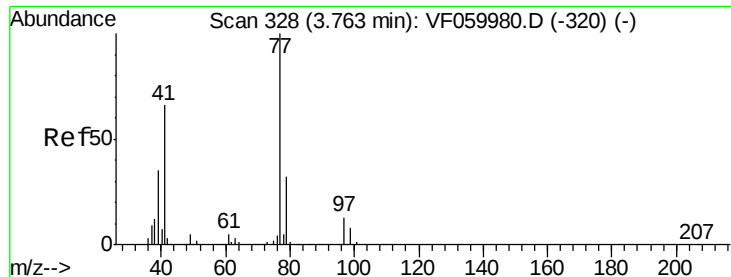
Tgt Ion: 43 Resp: 75

Ion Ratio Lower Upper

43 100

72 0.0 12.5 18.7#





#26

2,2-Dichloropropane

Concen: 5.62 ug/l

RT: 3.60 min Scan# 311

Delta R.T. -0.16 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

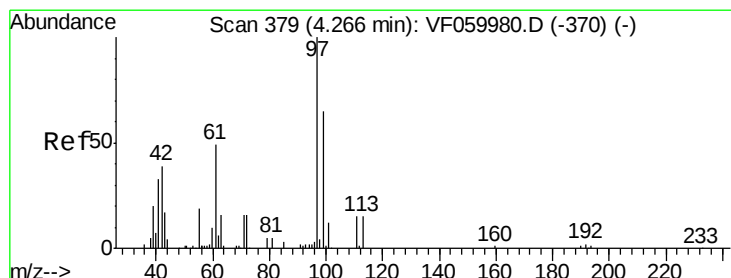
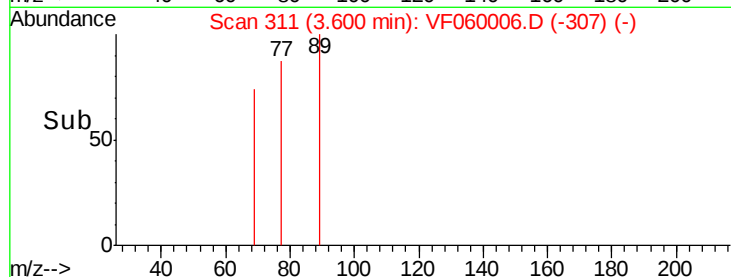
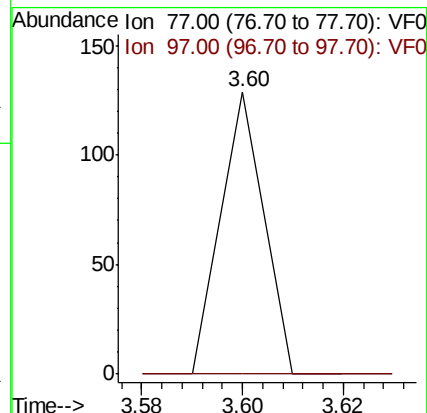
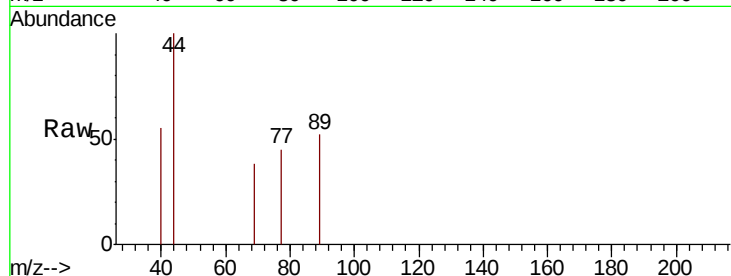
OR-03-081718-B

Tot Ion: 77 Resp: 76

Ion Ratio Lower Upper

77 100

97 0.0 6.7 20.0#



#29

Tetrahydrofuran

Concen: 83.64 ug/l

RT: 4.17 min Scan# 369

Delta R.T. -0.09 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

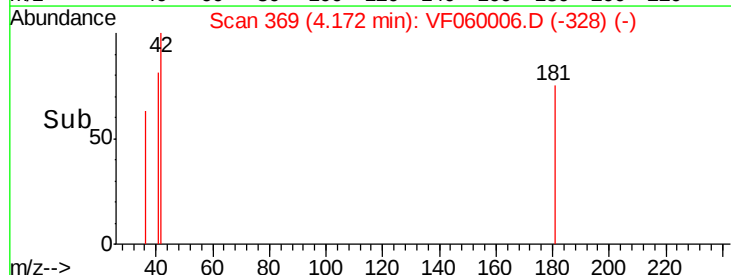
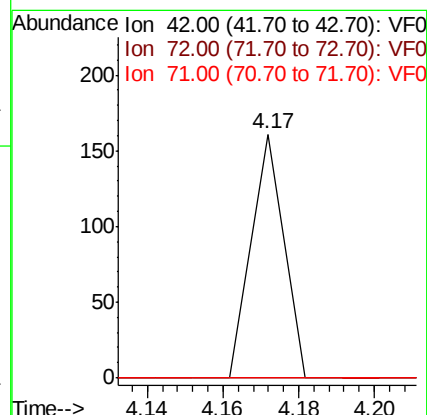
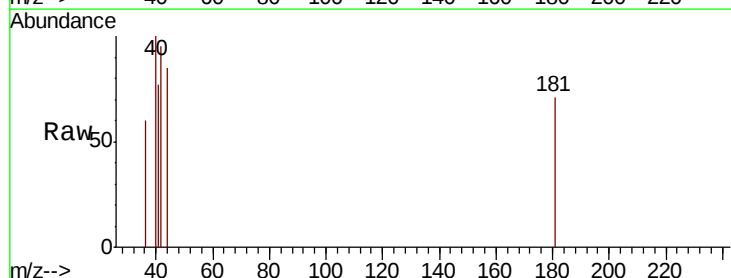
Tgt Ion: 42 Resp: 95

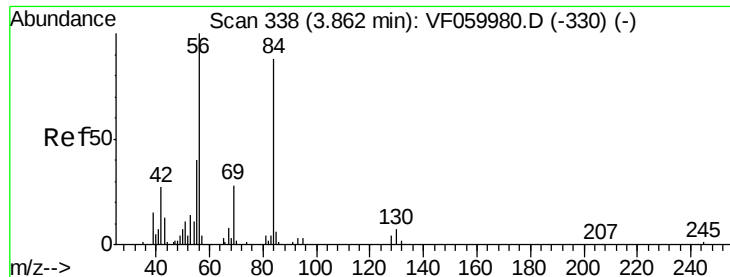
Ion Ratio Lower Upper

42 100

72 0.0 29.8 44.6#

71 0.0 29.0 43.4#

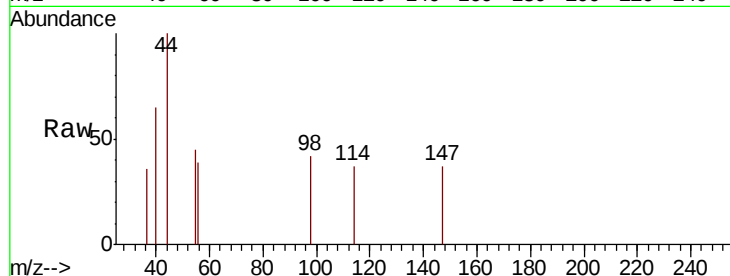




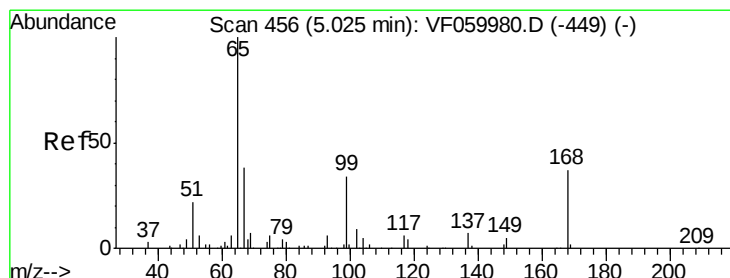
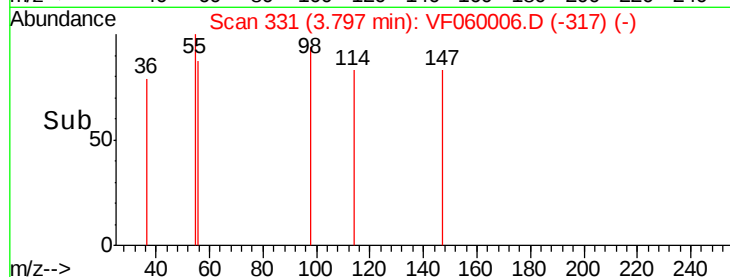
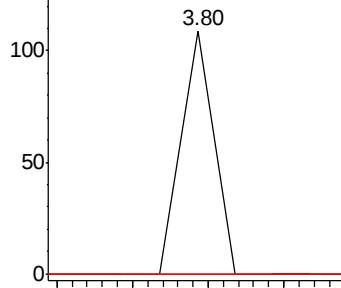
#31
Cyclohexane
Concen: 9.16 ug/l
RT: 3.80 min Scan# 331
Delta R.T. -0.06 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Instrument :
MSVOA_F
ClientSampleId :
OR-03-081718-B

Tot Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
69 0.0 22.8 34.2#
84 0.0 70.7 106.1#

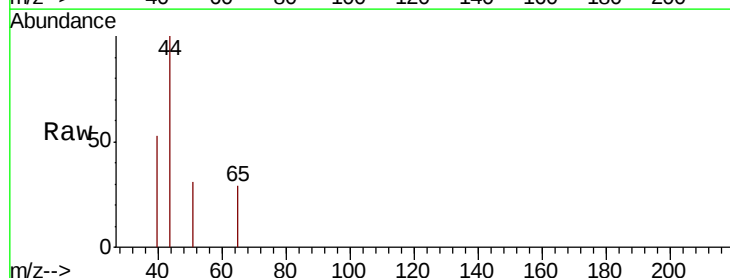


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

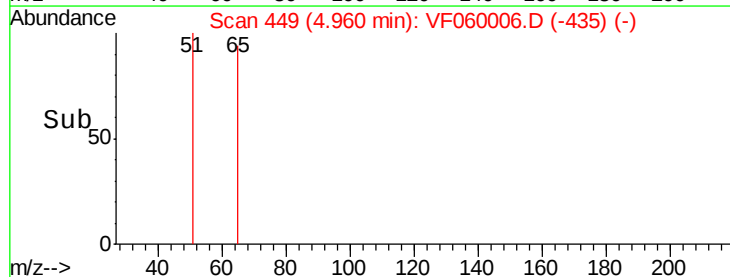
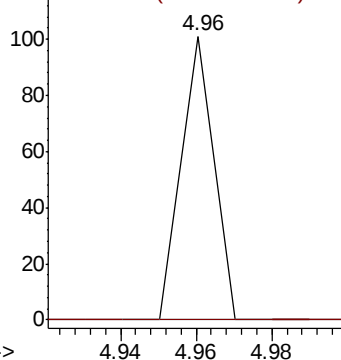


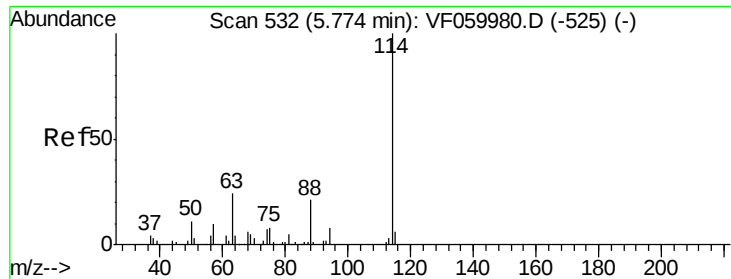
#33
1,2-Dichloroethane-d4
Concen: 4.56 ug/l
RT: 4.96 min Scan# 449
Delta R.T. -0.06 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
67 0.0 0.0 82.6



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

OR-03-081718-B

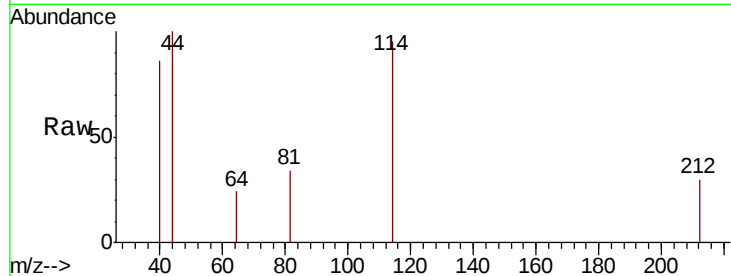
Tot Ion:114 Resp: 492

Ion Ratio Lower Upper

114 100

63 0.0 0.0 48.6

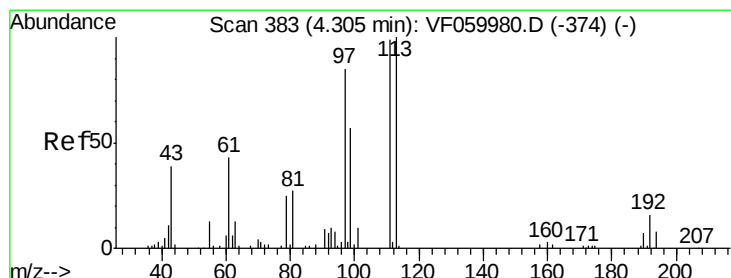
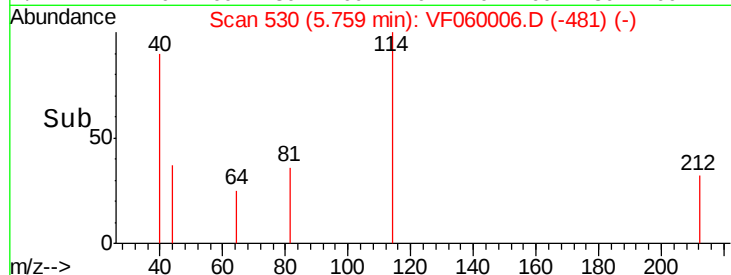
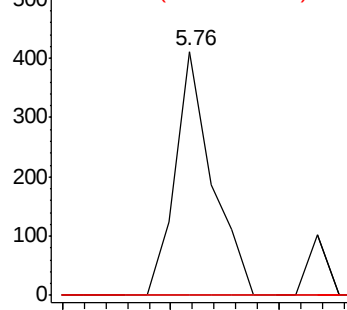
88 0.0 0.0 42.8



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: 22.08 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.04 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

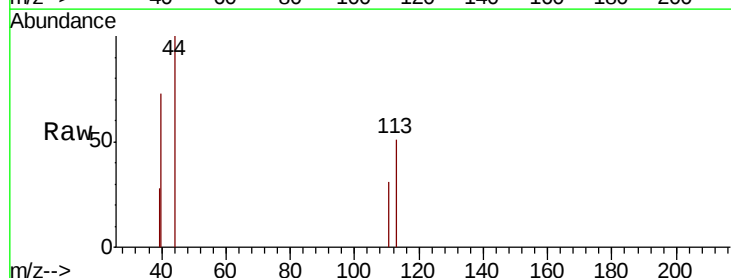
Tgt Ion:113 Resp: 111

Ion Ratio Lower Upper

113 100

111 60.1 79.5 119.3#

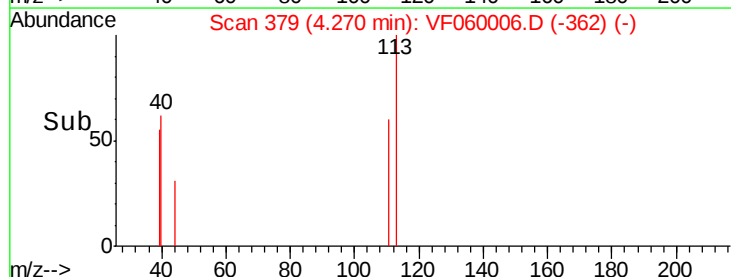
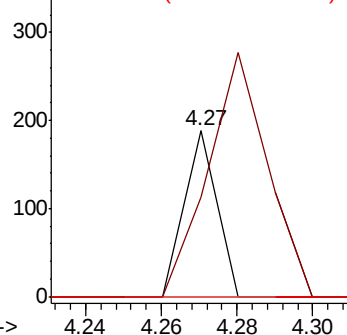
192 0.0 12.4 18.6#

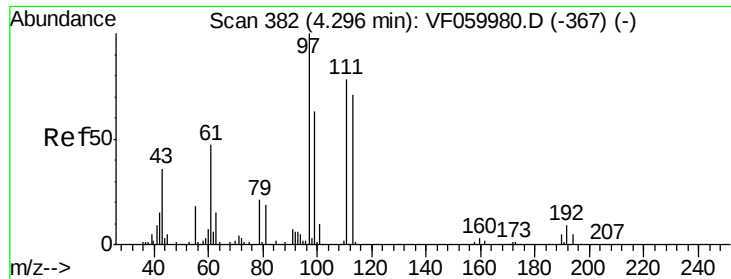


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

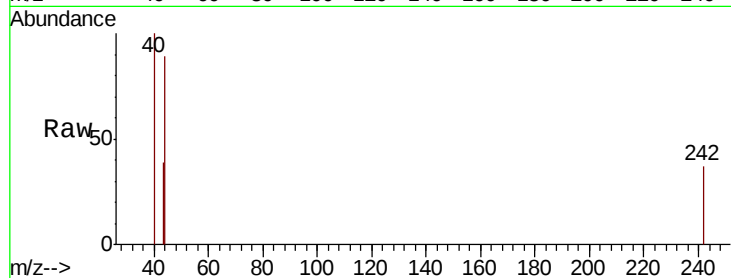




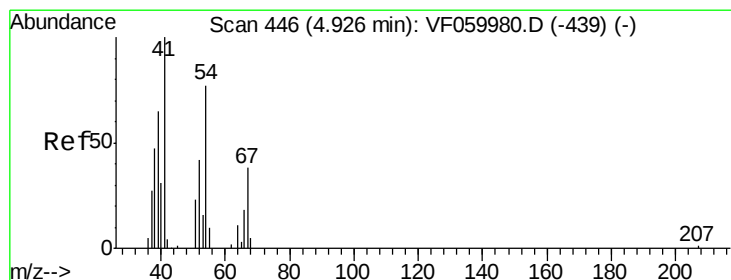
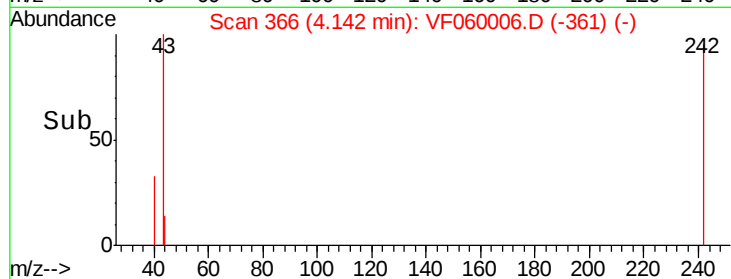
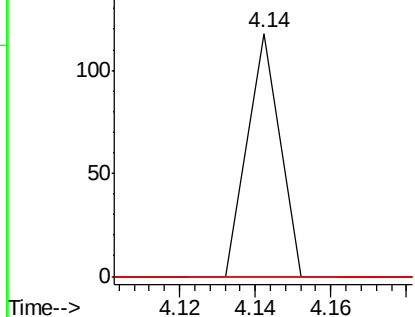
#37
Ethyl Acetate
Concen: 22.60 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.15 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Instrument :
MSVOA_F
ClientSampleId :
OR-03-081718-B

Tot Ion	43	Resp	70
Ion	Ratio	Lower	Upper
43	100		
61	0.0	104.5	156.7#
70	0.0	5.9	8.9#

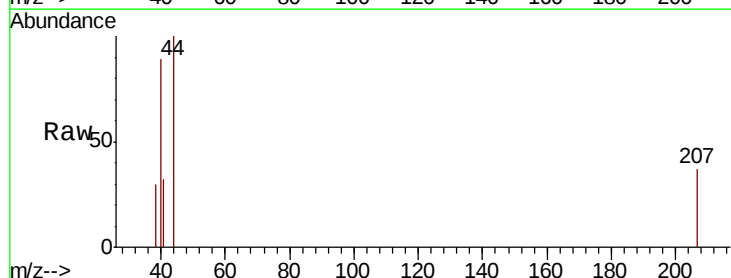


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

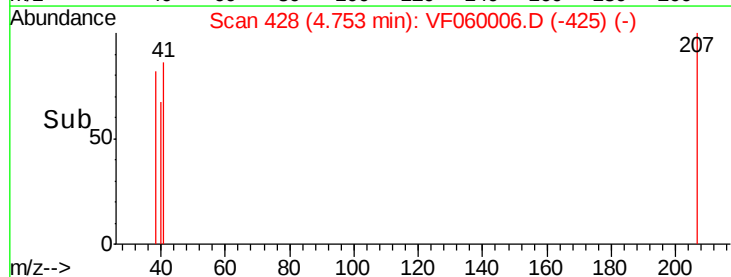
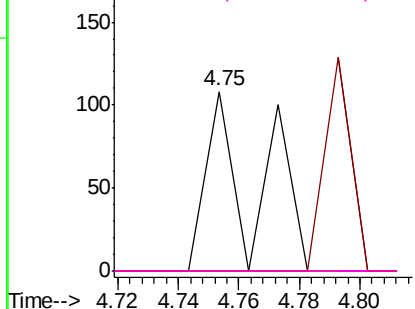


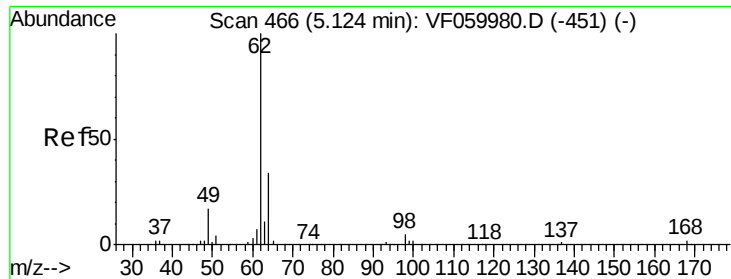
#41
Methacrylonitrile
Concen: 82.94 ug/l
RT: 4.75 min Scan# 428
Delta R.T. -0.17 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Tgt Ion	41	Resp	123
Ion	Ratio	Lower	Upper
41	100		
39	0.0	62.9	94.3#
67	0.0	30.4	45.6#
52	0.0	47.8	71.8#



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





#42

1,2-Dichloroethane

Concen: 9.70 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.07 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

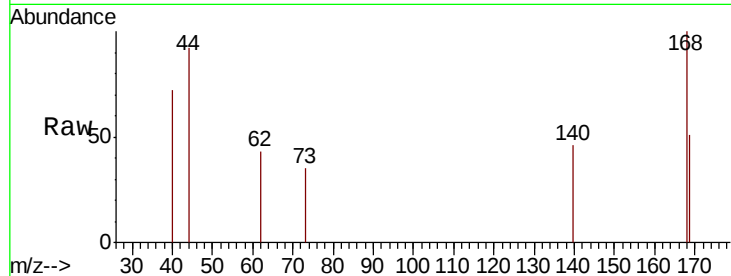
OR-03-081718-B

Tot Ion: 62 Resp: 78

Ion Ratio Lower Upper

62 100

98 0.0 0.0 9.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

5.05

150

100

50

0

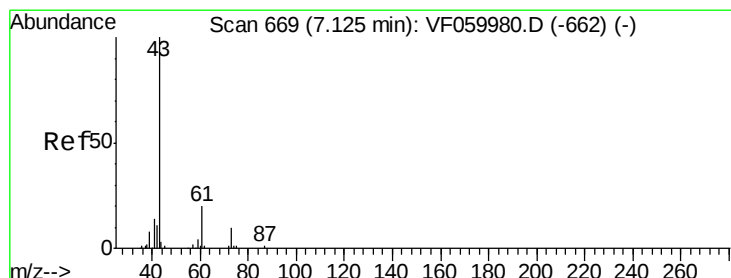
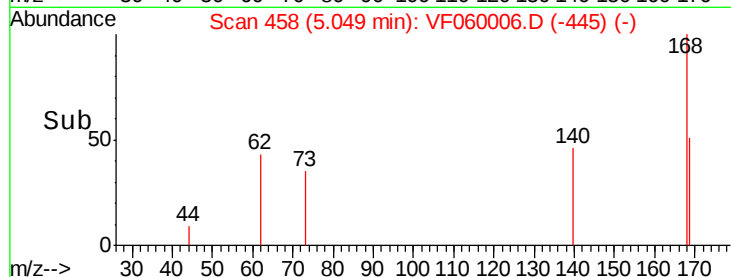
Time-->

5.02

5.04

5.06

5.08



#43

Isopropyl Acetate

Concen: 44.88 ug/l

RT: 7.25 min Scan# 681

Delta R.T. 0.12 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

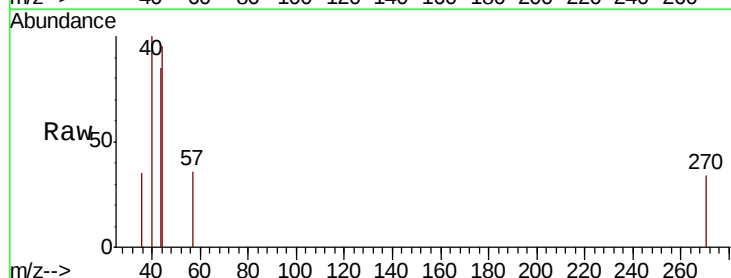
Tgt Ion: 43 Resp: 153

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

87 0.0 0.6 0.8#



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

300

200

100

0

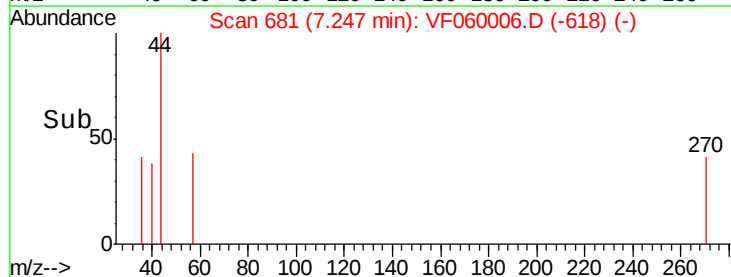
Time-->

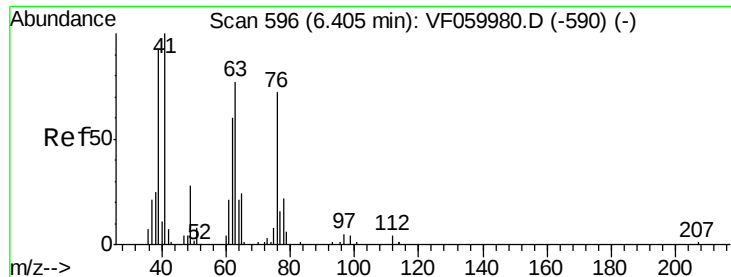
7.22

7.24

7.26

7.28





#45

1,2-Dichloropropane

Concen: 23.59 ug/l

RT: 6.44 min Scan# 599

Delta R.T. 0.03 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

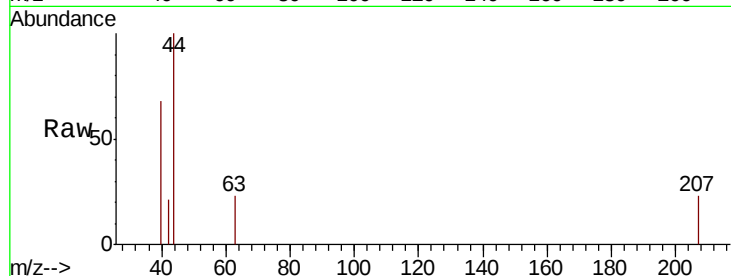
OR-03-081718-B

Tot Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.44

120

100

80

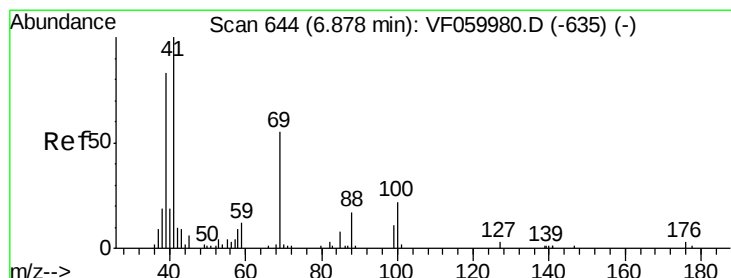
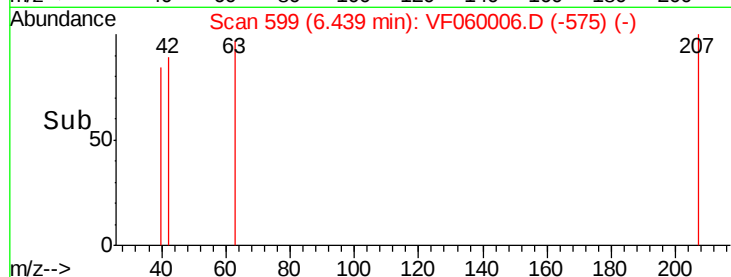
60

40

20

0

Time--> 6.40 6.42 6.44 6.46



#48

Methyl methacrylate

Concen: 26.40 ug/l

RT: 6.77 min Scan# 633

Delta R.T. -0.10 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

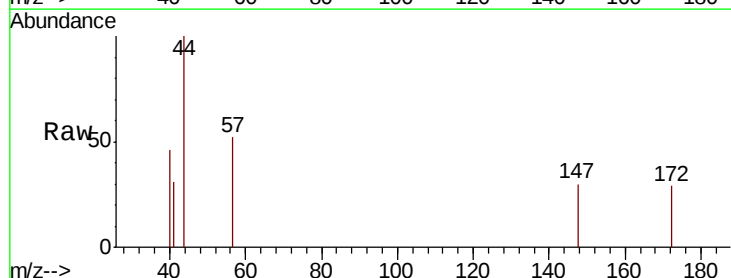
Tgt Ion: 41 Resp: 67

Ion Ratio Lower Upper

41 100

69 0.0 44.4 66.6#

39 0.0 67.8 101.6#



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

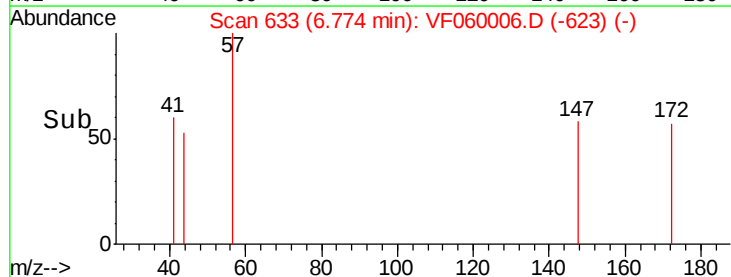
150

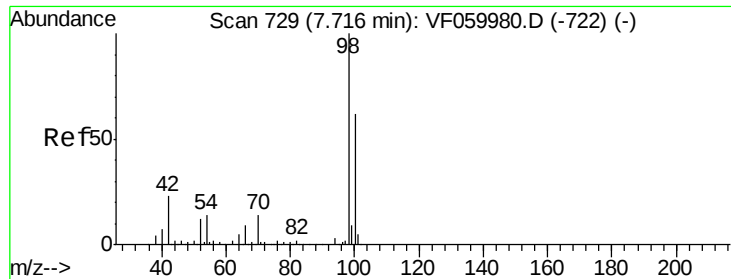
100

50

0

Time--> 6.74 6.76 6.78 6.80





#50

Toluene-d8

Concen: 37.29 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.00 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

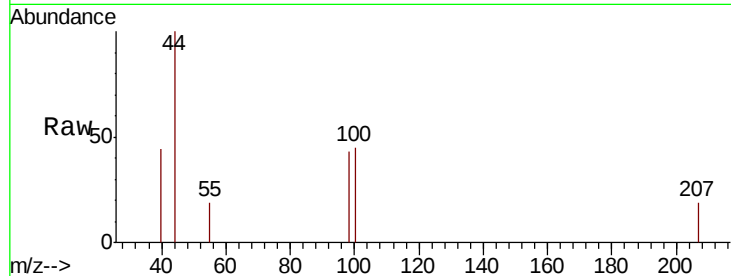
OR-03-081718-B

Tot Ion: 98 Resp: 417

Ion Ratio Lower Upper

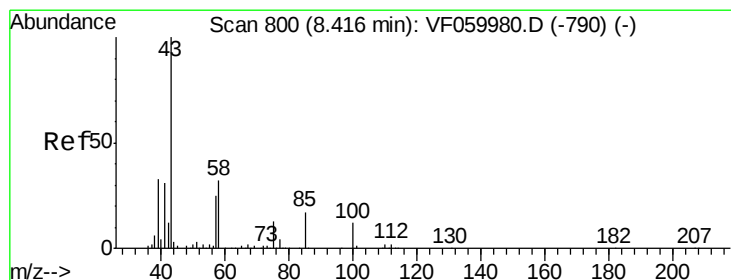
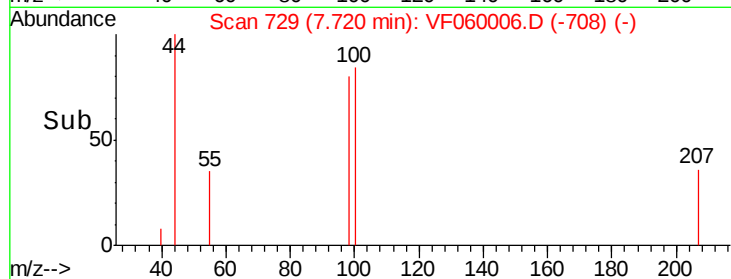
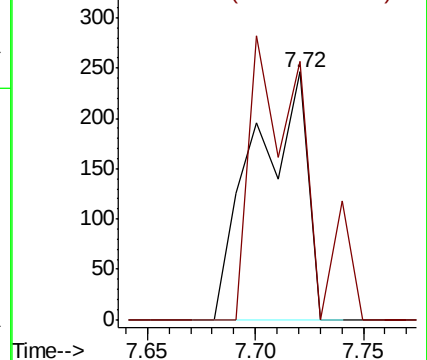
98 100

100 104.5 49.8 74.8#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#51

4-Methyl-2-Pentanone

Concen: 52.75 ug/l

RT: 8.52 min Scan# 810

Delta R.T. 0.10 min

Lab File: VF060006.D

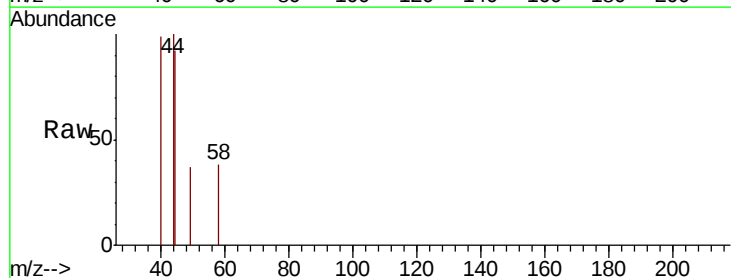
Acq: 20 Aug 2018 17:05

Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

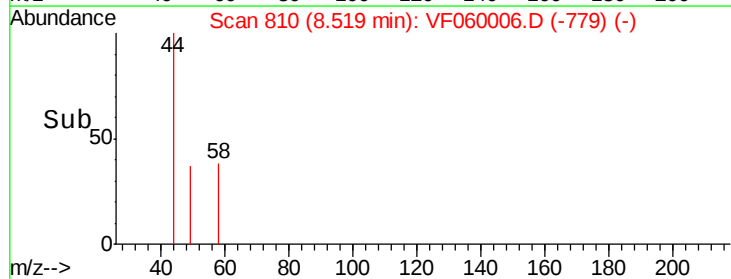
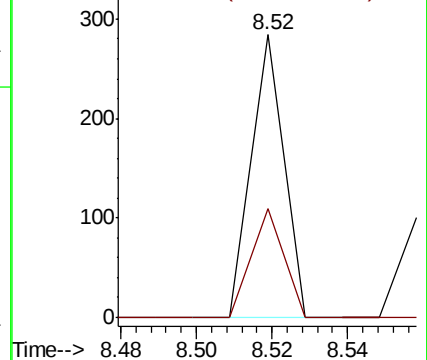
43 100

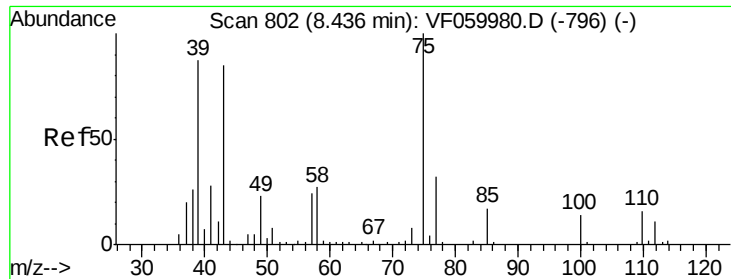
58 38.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#53

t-1,3-Dichloropropene

Concen: 11.49 ug/l

RT: 8.48 min Scan# 806

Delta R.T. 0.04 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

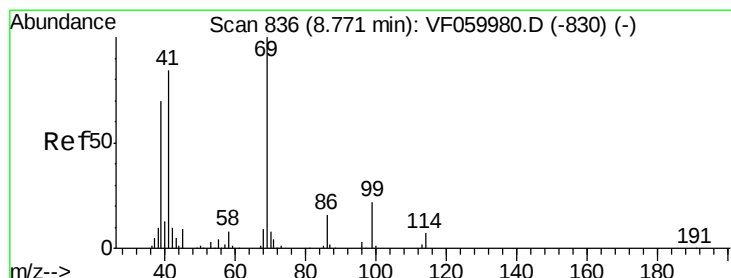
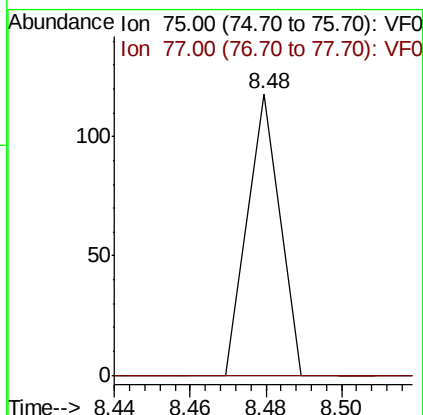
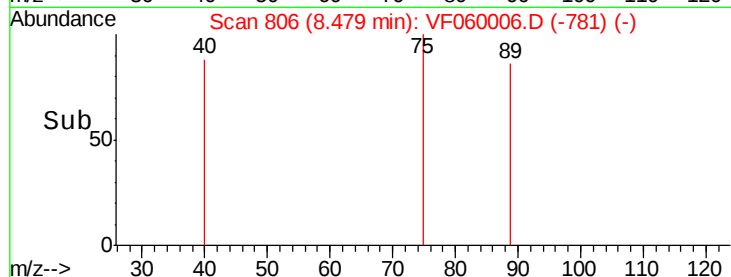
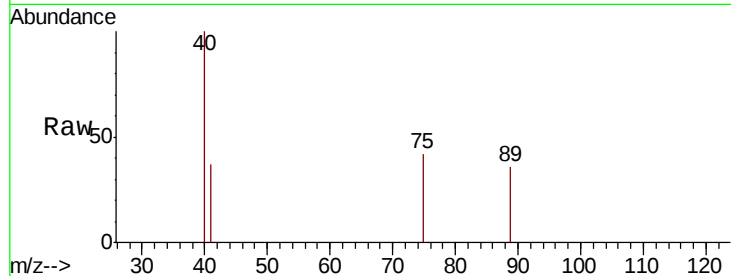
OR-03-081718-B

Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#



#56

Ethyl methacrylate

Concen: 18.18 ug/l

RT: 8.86 min Scan# 845

Delta R.T. 0.09 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

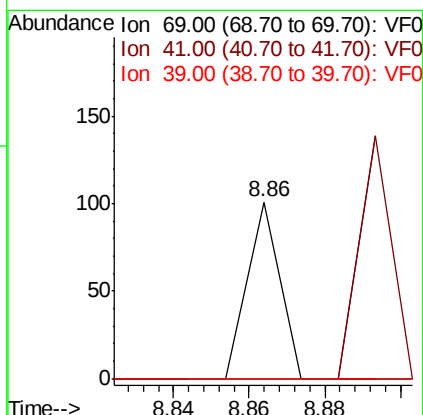
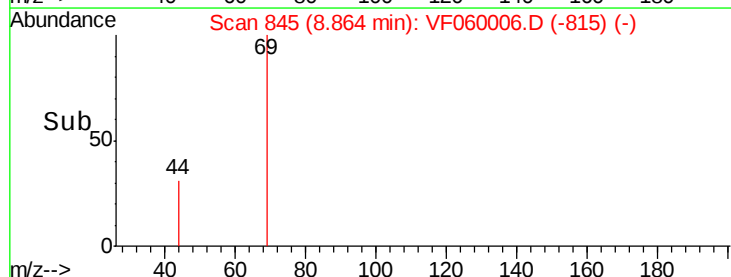
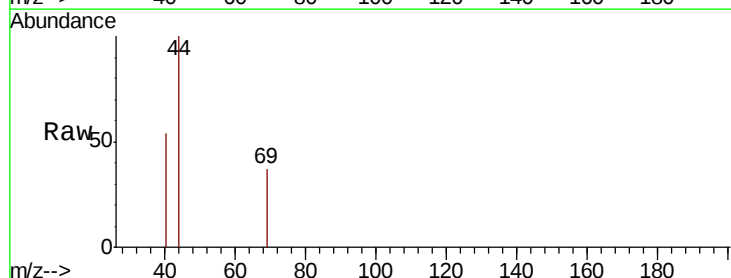
Tgt Ion: 69 Resp: 60

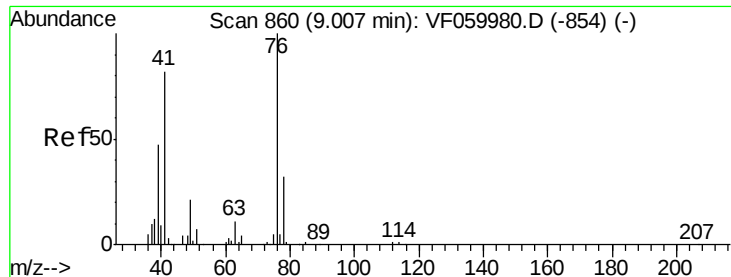
Ion Ratio Lower Upper

69 100

41 0.0 67.8 101.6#

39 0.0 55.8 83.6#





#57

1,3-Dichloropropane

Concen: 12.61 ug/l

RT: 9.07 min Scan# 866

Delta R.T. 0.06 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

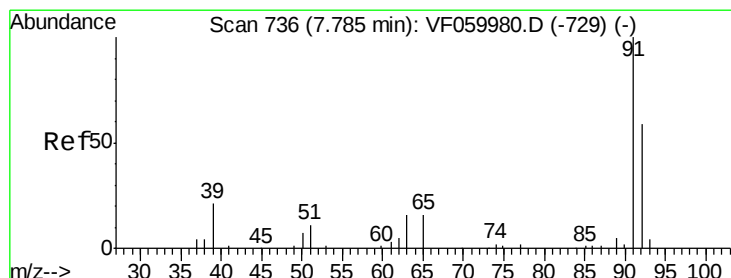
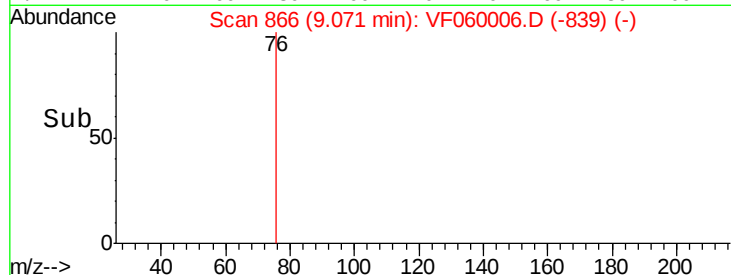
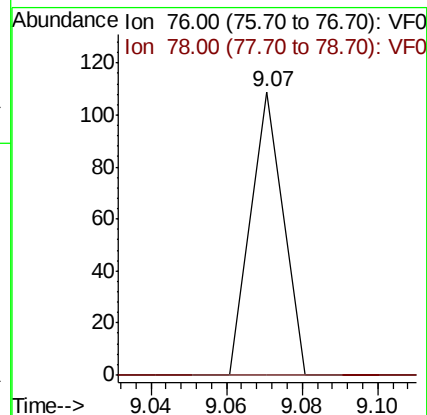
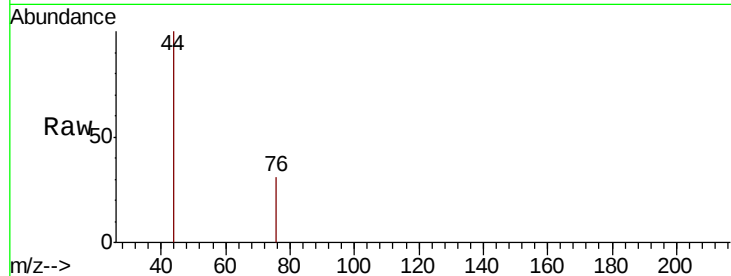
OR-03-081718-B

Tot Ion: 76 Resp: 64

Ion Ratio Lower Upper

76 100

78 0.0 25.3 37.9#



#58

2-Chloroethyl Vinyl ether

Concen: 260.18 ug/l

RT: 7.63 min Scan# 720

Delta R.T. -0.15 min

Lab File: VF060006.D

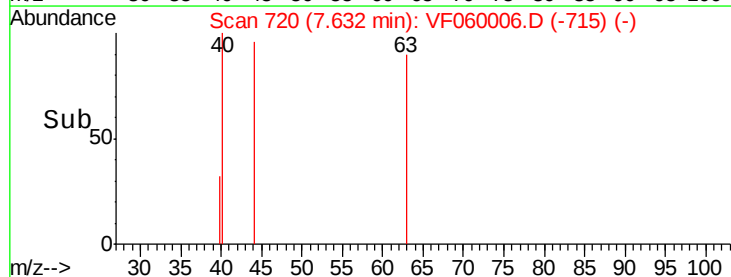
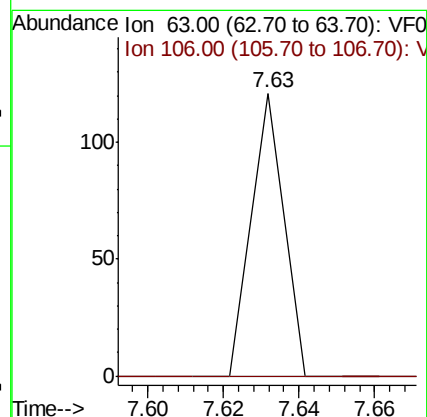
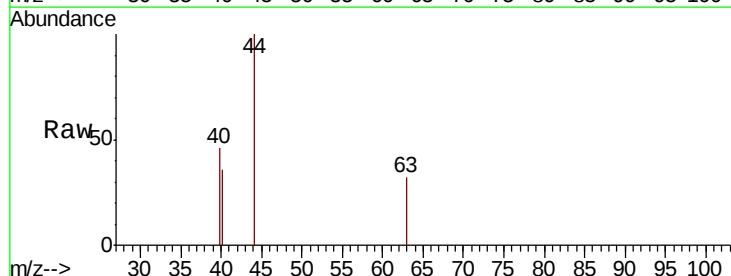
Acq: 20 Aug 2018 17:05

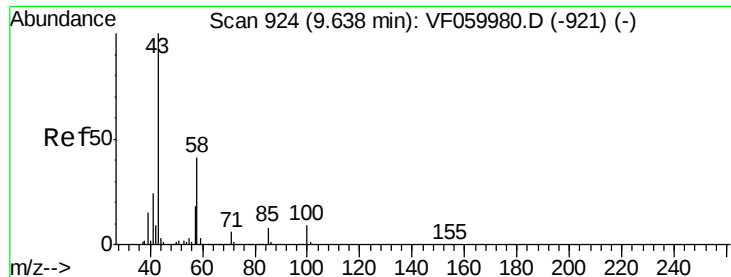
Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

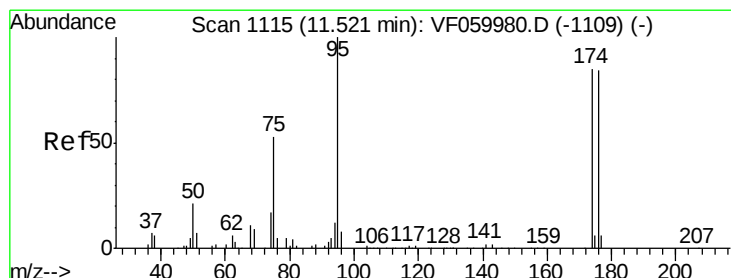
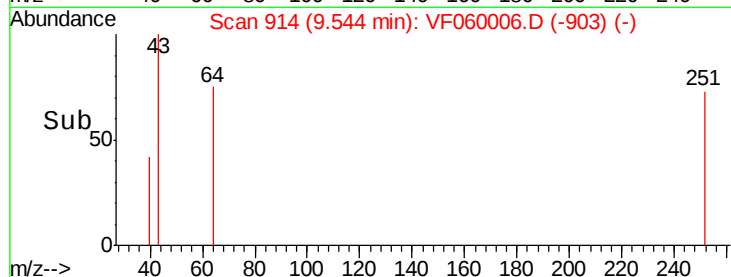
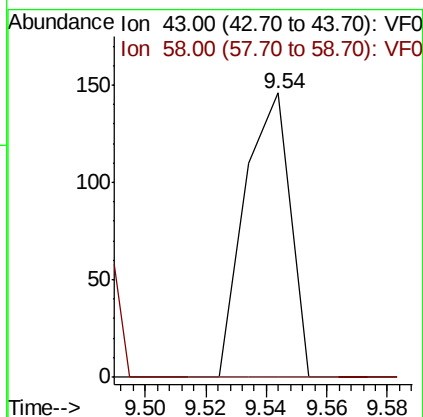
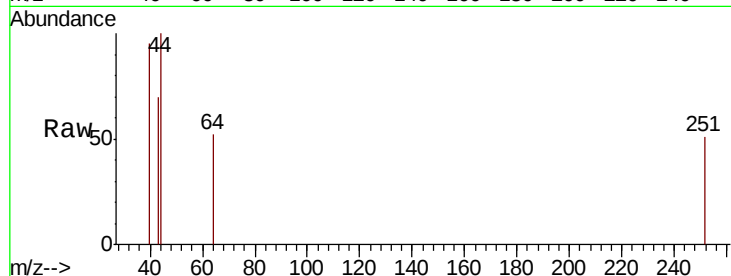




#59
2-Hexanone
Concen: 57.43 ug/l
RT: 9.54 min Scan# 914
Delta R.T. -0.09 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

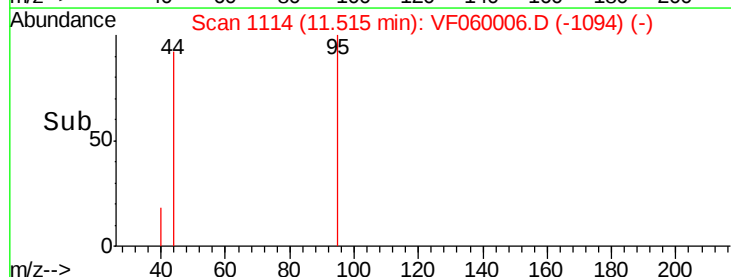
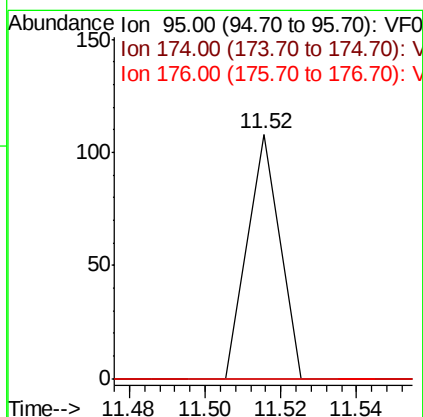
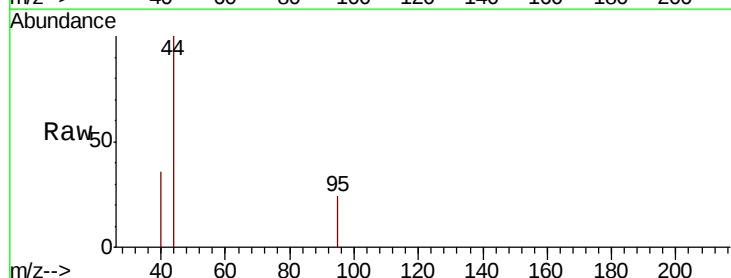
Instrument :
MSVOA_F
ClientSampleId :
OR-03-081718-B

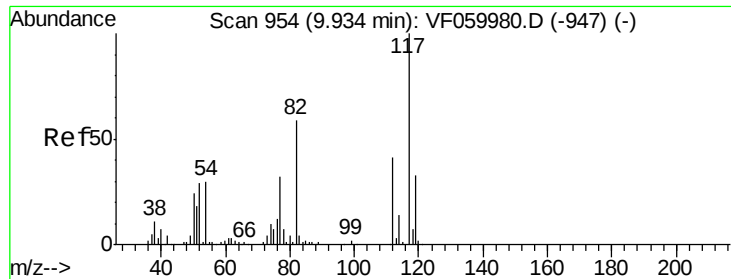
Tot Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 20.1 60.3#



#62
4-Bromofluorobenzene
Concen: 9.33 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Tgt Ion: 95 Resp: 64
Ion Ratio Lower Upper
95 100
174 0.0 0.0 169.8
176 0.0 0.0 167.8

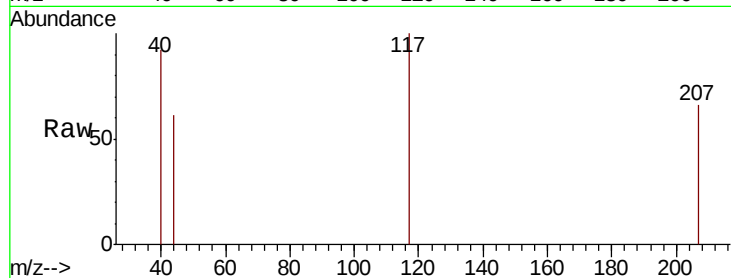




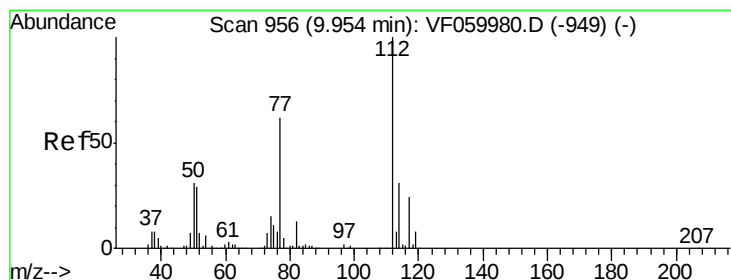
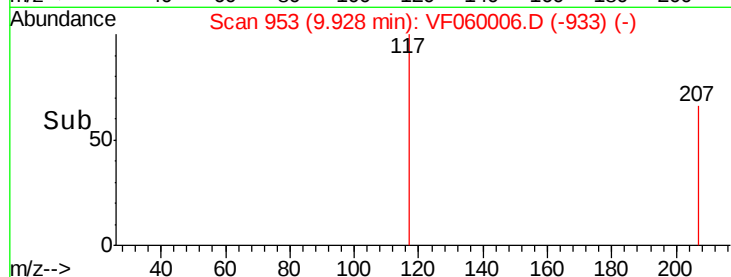
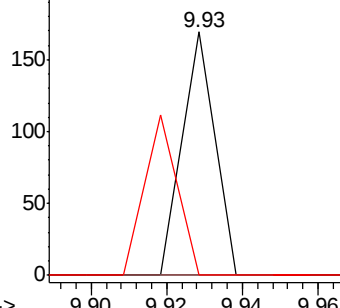
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Instrument :
MSVOA_F
ClientSampleId :
OR-03-081718-B

Tot Ion:117 Resp: 100
Ion Ratio Lower Upper
117 100
82 0.0 47.2 70.8#
119 0.0 26.1 39.1#

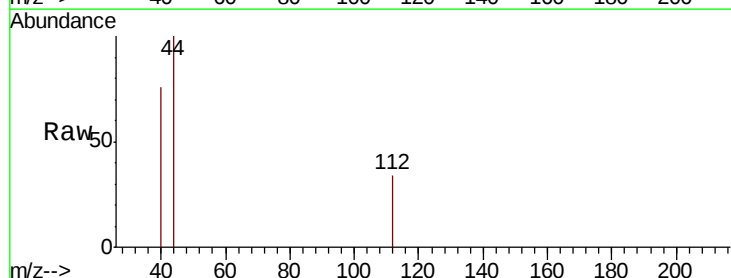


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

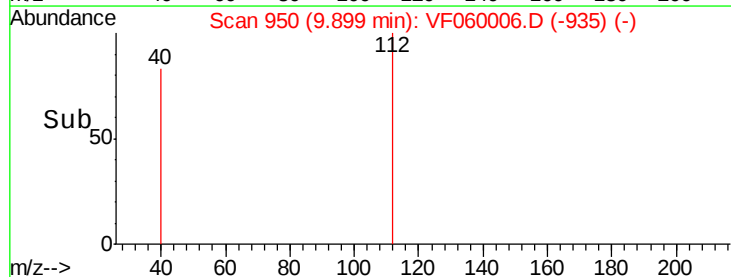
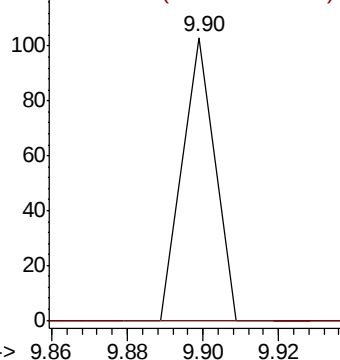


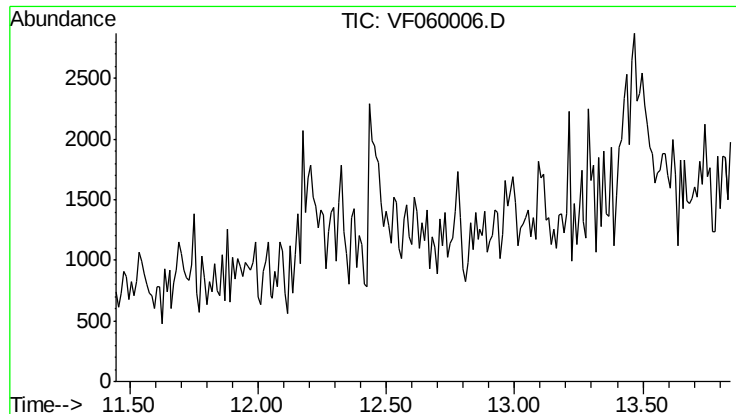
#65
Chlorobenzene
Concen: 30.91 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.05 min
Lab File: VF060006.D
Acq: 20 Aug 2018 17:05

Tgt Ion:112 Resp: 61
Ion Ratio Lower Upper
112 100
114 0.0 25.0 37.4#



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 0.00 ug/l

Expected RT: 12.64 min

Lab File: VF060006.D

Acq: 20 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

OR-03-081718-B

Tot Ion: 152

Sig Exp Ratio

152 100

115 58.2

150 165.1

