

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060008.D
 Acq On : 20 Aug 2018 18:00
 Operator : VA/AP
 Sample : J4539-02
 Misc : 6.65µ/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MS-RO-27186

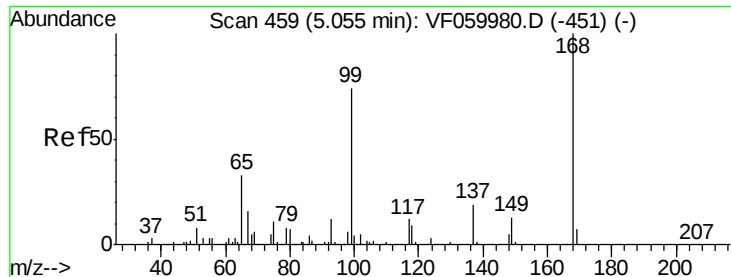
Quant Time: Aug 21 04:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	101210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	133874	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	97249	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	29617	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	104148	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
35) Dibromofluoromethane	4.29	113	86433	63.17	ug/l	-0.02
Spiked Amount			Recovery	=	126.34%	
50) Toluene-d8	7.71	98	129851	42.68	ug/l	0.00
Spiked Amount			Recovery	=	85.36%	
62) 4-Bromofluorobenzene	11.51	95	45974	24.62	ug/l	0.00
Spiked Amount			Recovery	=	49.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	5012	4.41	ug/l #	87
10) Methyl Iodide	1.93	142	1911	1.10	ug/l #	93
11) Tert butyl alcohol	2.68	59	24416	214.45	ug/l #	93
13) Acrolein	2.14	56	77	13.81	ug/l	95
14) Allyl chloride	2.17	41	2166	1.34	ug/l #	30
15) Acrylonitrile	3.04	53	218	1.18	ug/l #	73
16) Acetone	2.33	43	10016	7.75	ug/l	94
18) Methyl Acetate	2.44	43	4615	1.74	ug/l	94
20) Methylene Chloride	2.29	84	6105	1.71	ug/l	87
23) Vinyl Acetate	3.25	43	7125	5.13	ug/l #	84
25) 2-Butanone	4.50	43	1913	4.05	ug/l #	63
39) Methylcyclohexane	5.62	83	2060	1.80	ug/l #	75
43) Isopropyl Acetate	7.06	43	2211	2.38	ug/l #	58
51) 4-Methyl-2-Pentanone	8.38	43	21519	24.83	ug/l #	63
55) 1,1,2-Trichloroethane	8.56	97	1838	2.37	ug/l #	37
58) 2-Chloroethyl Vinyl ether	7.78	63	87	1.16	ug/l	100
59) 2-Hexanone	9.65	43	3722	5.20	ug/l #	53
73) Isopropylbenzene	11.23	105	5572	3.14	ug/l	83
74) N-amyl acetate	11.49	43	5039	10.00	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	11.81	83	5683	16.30	ug/l #	88
78) n-propylbenzene	11.69	91	3263	1.48	ug/l	89
79) 2-Chlorotoluene	11.81	91	2134	1.59	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.92	105	8742	5.45	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.97	75	202	1.55	ug/l #	1
83) tert-Butylbenzene	12.21	119	4033	2.56	ug/l	70
84) 1,2,4-Trimethylbenzene	12.29	105	16541	9.79	ug/l	93
85) sec-Butylbenzene	12.39	105	4369	2.10	ug/l	94
86) p-Isopropyltoluene	12.51	119	11328	6.14	ug/l	86
89) n-Butylbenzene	12.92	91	6123	3.44	ug/l #	69
93) 1,2,4-Trichlorobenzene	14.27	180	1461	1.98	ug/l #	47
95) Naphthalene	14.52	128	6500	6.26	ug/l #	74

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF060008.D

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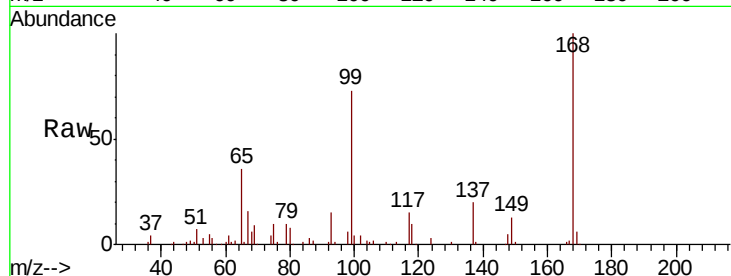
MS-RO-27186

Tot Ion:168 Resp: 101210

Ion Ratio Lower Upper

168 100

99 73.3 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

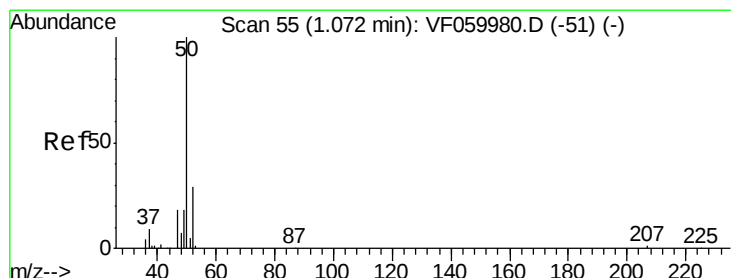
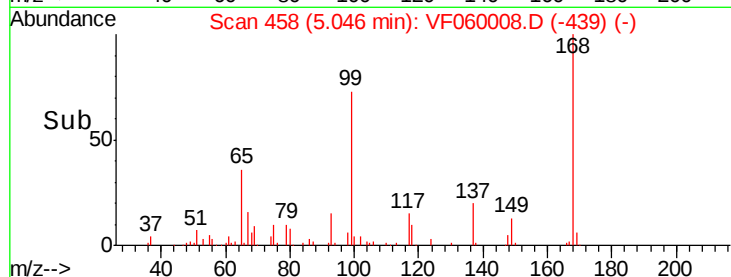
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#3

Chloromethane

Concen: 4.41 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF060008.D

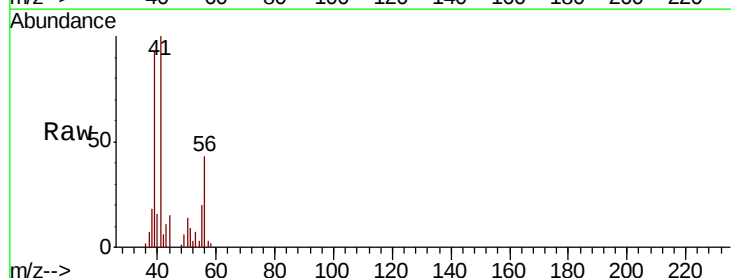
Acq: 20 Aug 2018 18:00

Tgt Ion: 50 Resp: 5012

Ion Ratio Lower Upper

50 100

52 22.6 23.6 35.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

2500

2000

1500

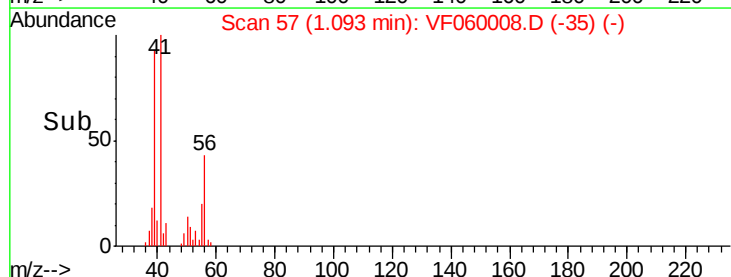
1000

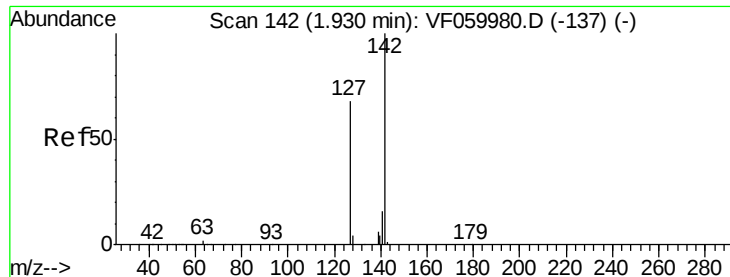
500

0

Time-->

1.00 1.05 1.10 1.15 1.20

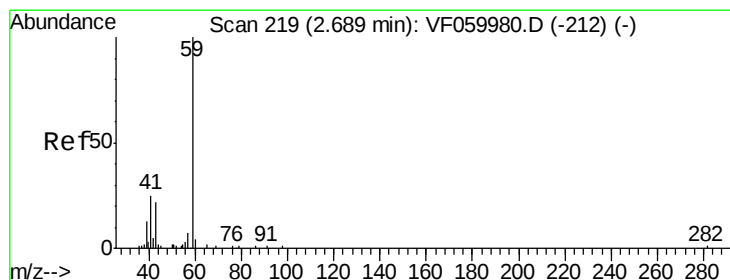
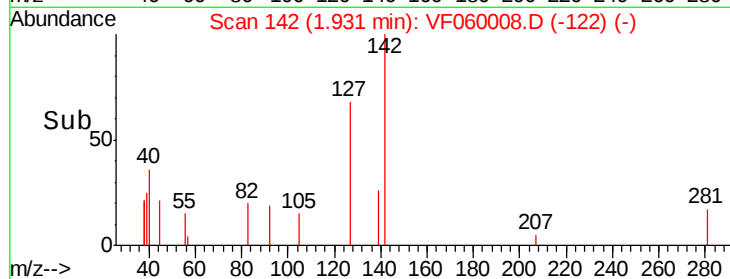
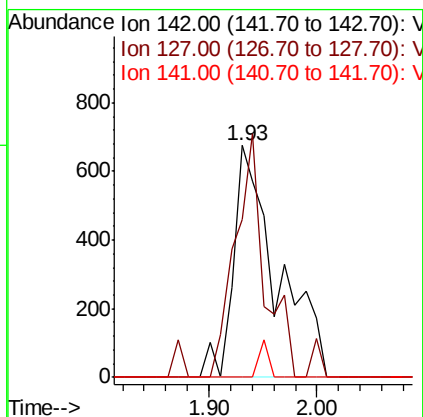
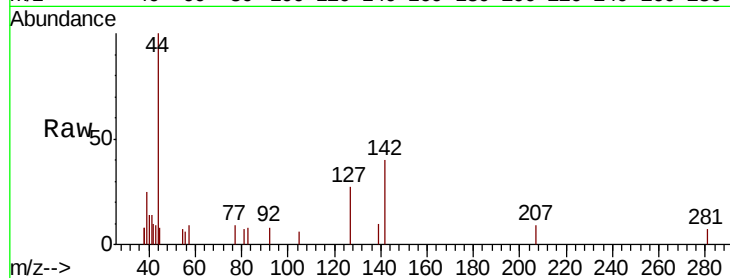




#10
Methvl Iodide
Concen: 1.10 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.00 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

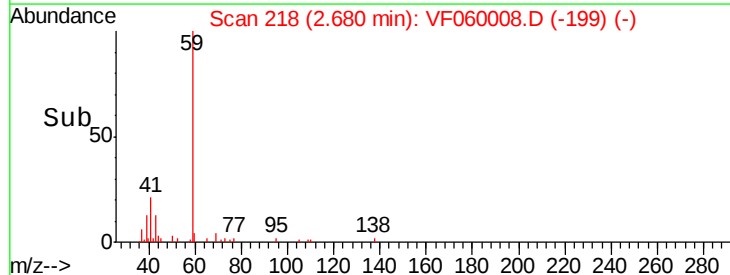
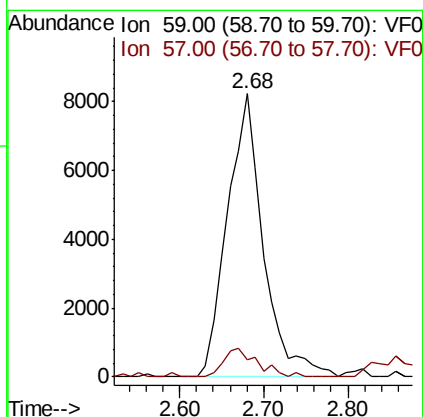
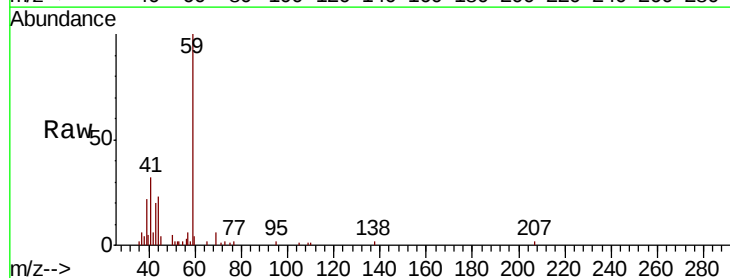
Instrument :
MSVOA_F
ClientSampleId :
MS-RO-27186

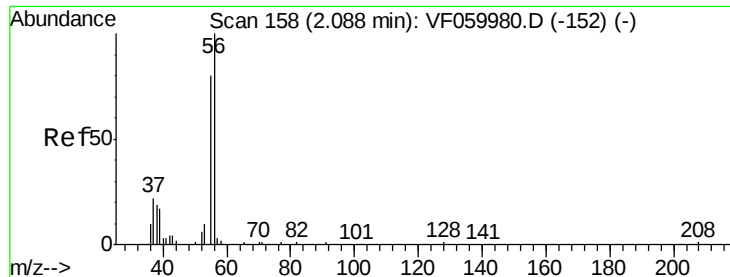
Tot Ion:142 Resp: 1911
Ion Ratio Lower Upper
142 100
127 68.0 54.1 81.1
141 0.0 12.5 18.7#



#11
Tert butyl alcohol
Concen: 214.45 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

Tgt Ion: 59 Resp: 24416
Ion Ratio Lower Upper
59 100
57 6.0 6.8 10.2#





#13

Acrolein

Concen: 13.81 ug/l

RT: 2.14 min Scan# 163

Delta R.T. 0.05 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

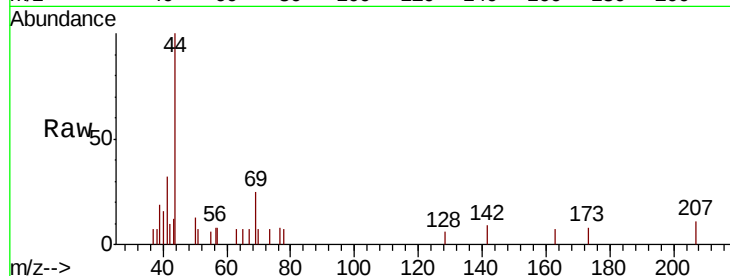
MS-RO-27186

Tot Ion: 56 Resp: 77

Ion Ratio Lower Upper

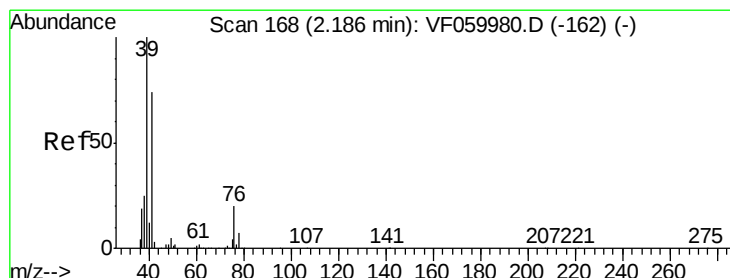
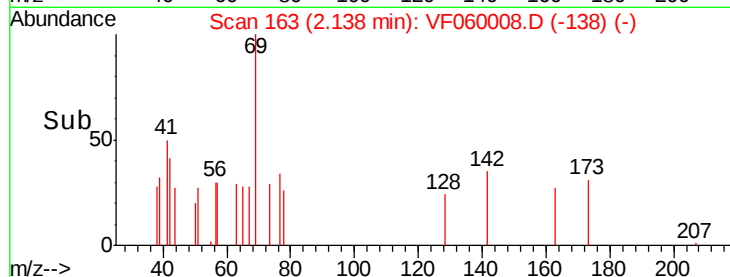
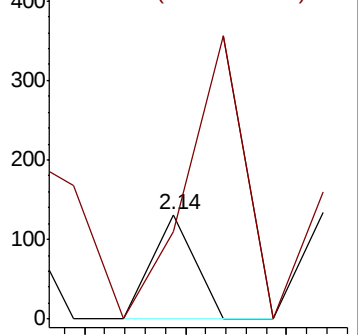
56 100

55 84.0 63.8 95.6



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 1.34 ug/l

RT: 2.17 min Scan# 166

Delta R.T. -0.02 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

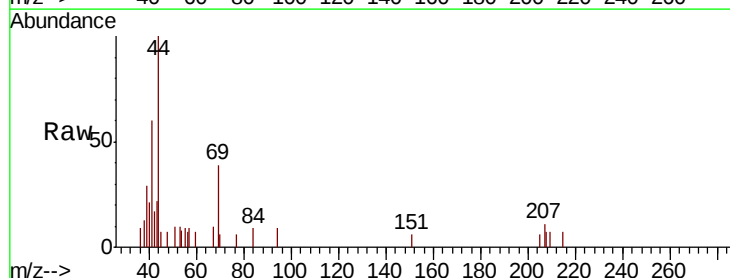
Tgt Ion: 41 Resp: 2166

Ion Ratio Lower Upper

41 100

39 48.3 109.3 163.9#

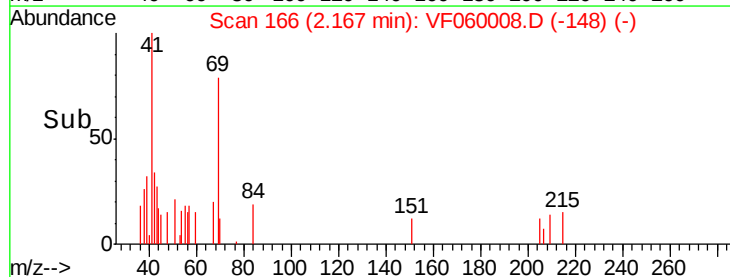
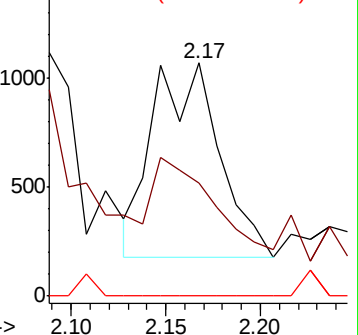
76 0.0 21.3 31.9#

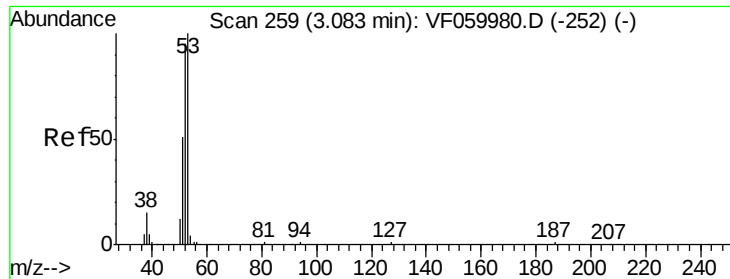


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 1.18 ug/l

RT: 3.04 min Scan# 255

Delta R.T. -0.04 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

MS-RO-27186

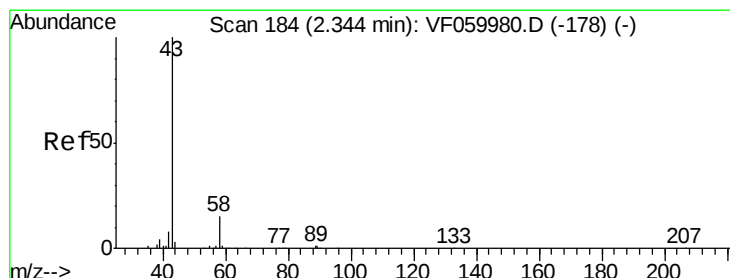
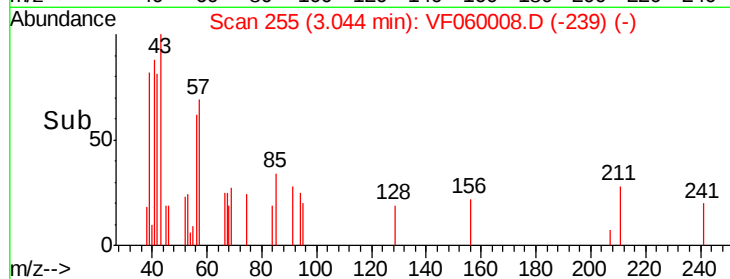
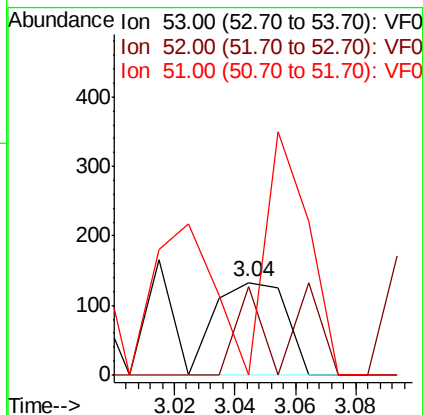
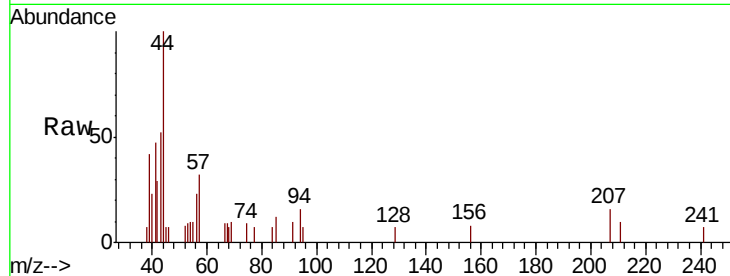
Tot Ion: 53 Resp: 218

Ion Ratio Lower Upper

53 100

52 96.2 76.0 114.0

51 0.0 41.9 62.9#



#16

Acetone

Concen: 7.75 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060008.D

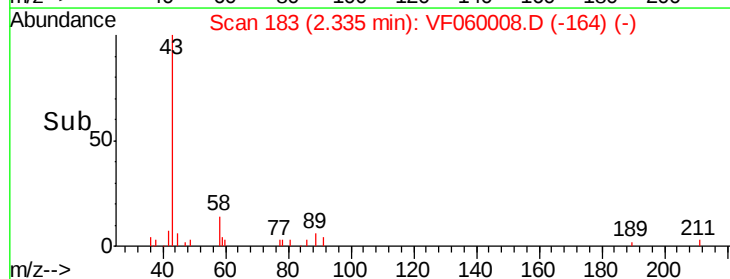
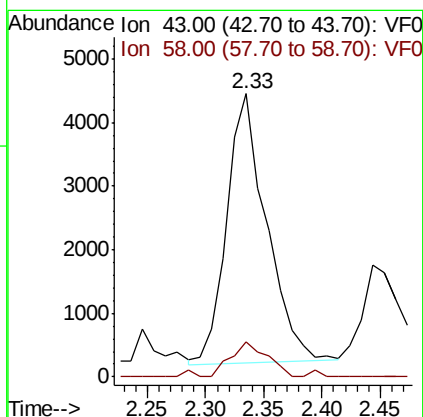
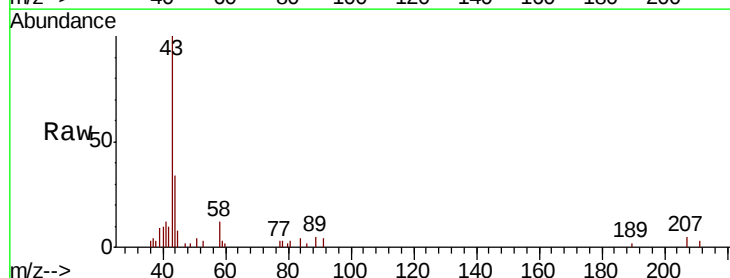
Acq: 20 Aug 2018 18:00

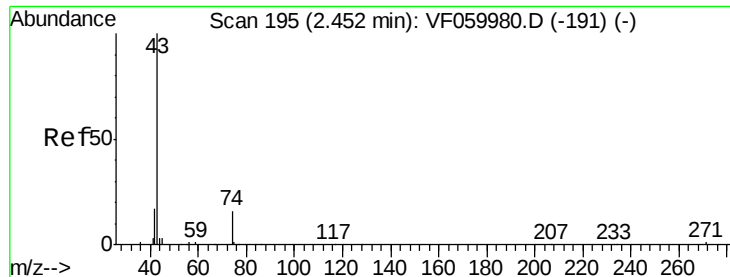
Tgt Ion: 43 Resp: 10016

Ion Ratio Lower Upper

43 100

58 12.5 11.9 17.9

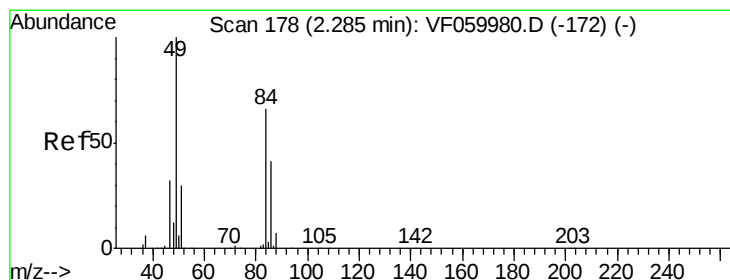
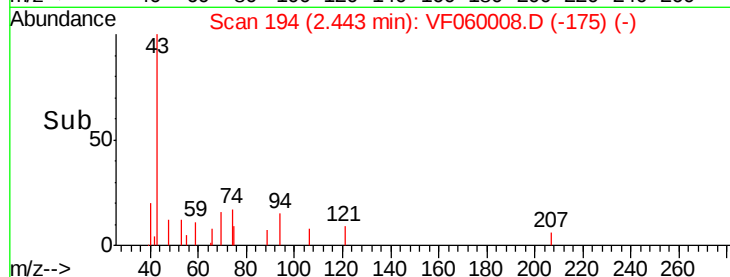
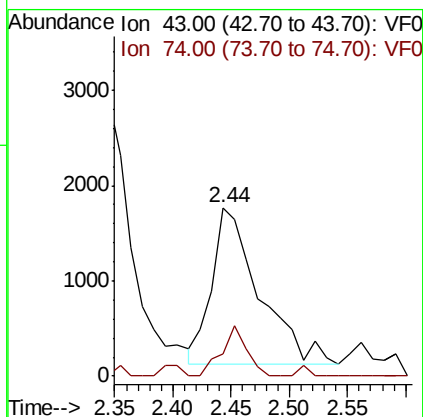
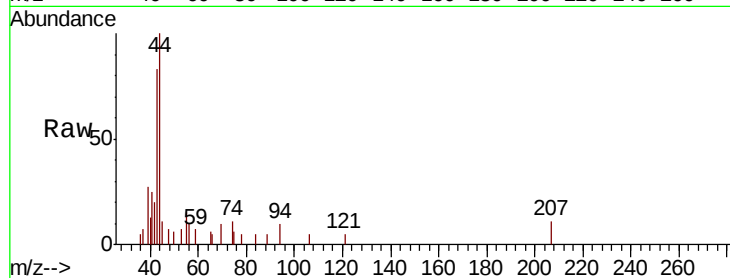




#18
Methyl Acetate
Concen: 1.74 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

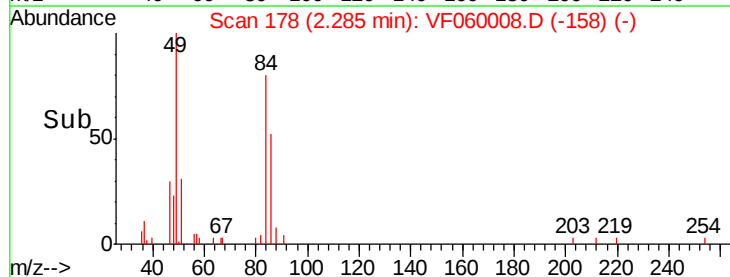
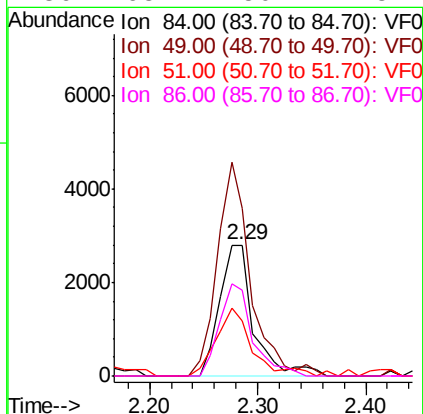
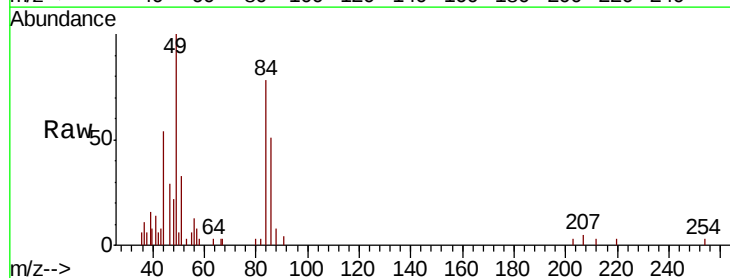
Instrument :
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MS-RO-27186

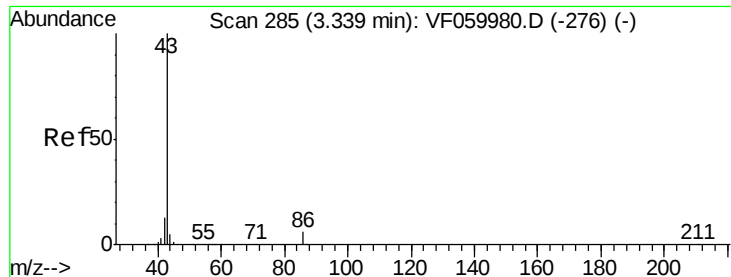
Tot Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
74 12.9 12.3 18.5



#20
Methylene Chloride
Concen: 1.71 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

Tgt Ion: 84 Resp: 6105
Ion Ratio Lower Upper
84 100
49 128.4 122.5 183.7
51 42.5 37.1 55.7
86 65.4 50.2 75.2





#23

Vinyl Acetate

Concen: 5.13 ug/l

RT: 3.25 min Scan# 276

Delta R.T. -0.09 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

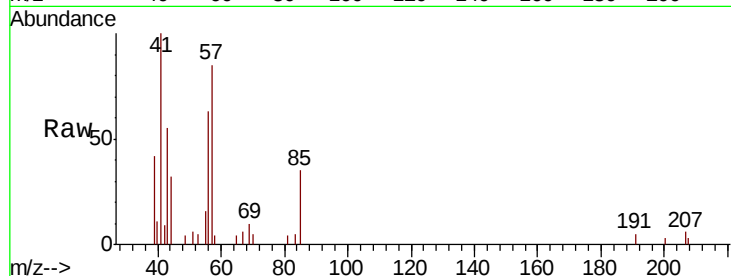
MS-RO-27186

Tot Ion: 43 Resp: 7125

Ion Ratio Lower Upper

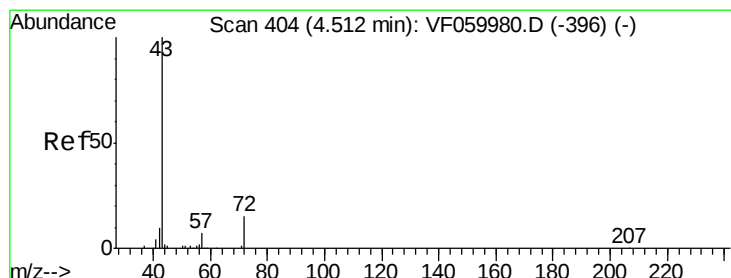
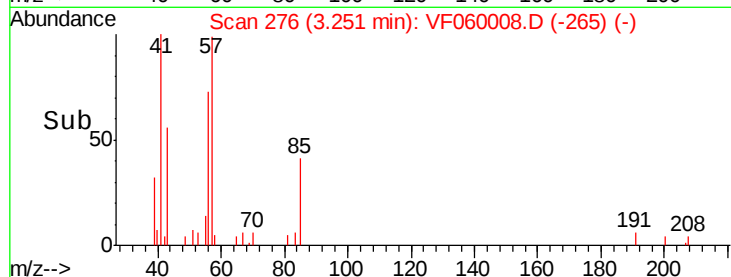
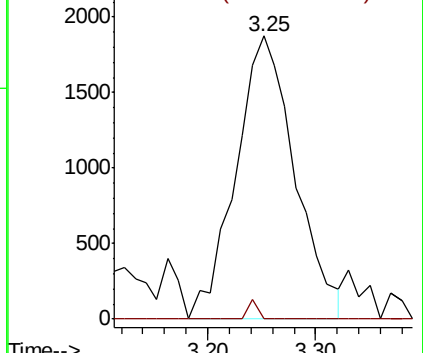
43 100

86 0.0 4.4 6.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 4.05 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.01 min

Lab File: VF060008.D

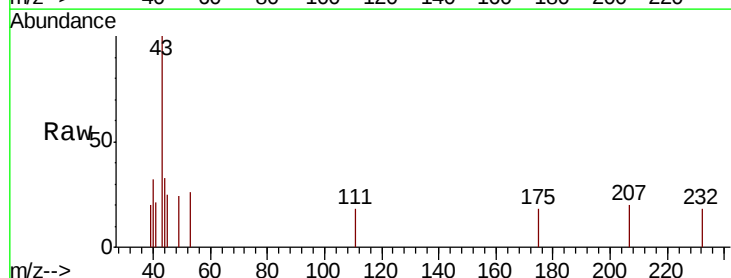
Acq: 20 Aug 2018 18:00

Tgt Ion: 43 Resp: 1913

Ion Ratio Lower Upper

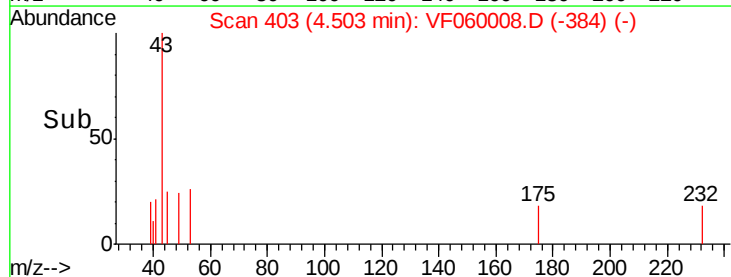
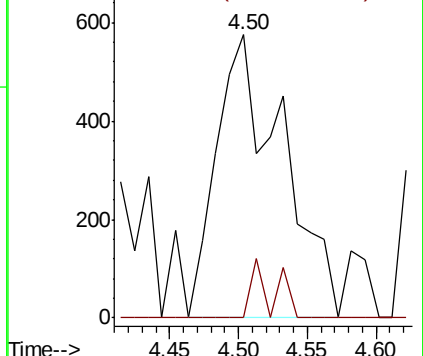
43 100

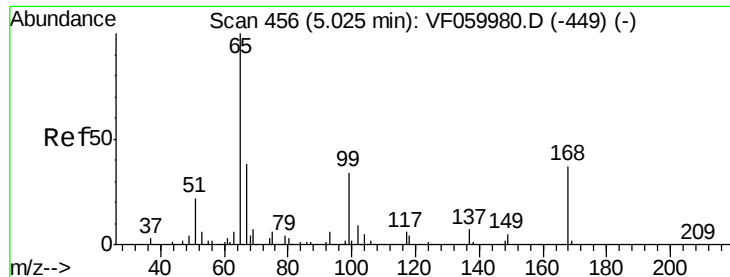
72 0.0 12.5 18.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

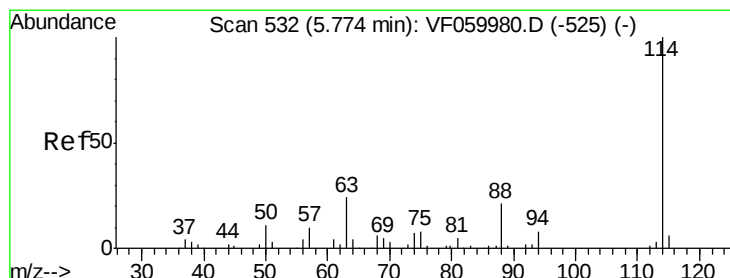
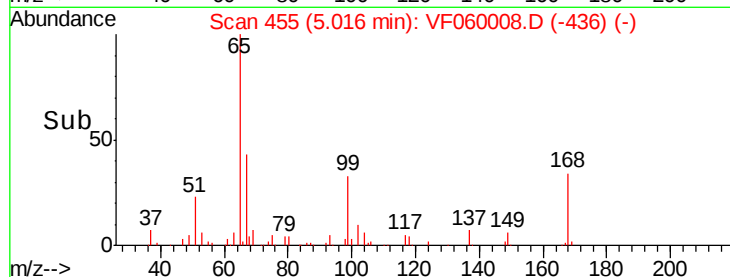
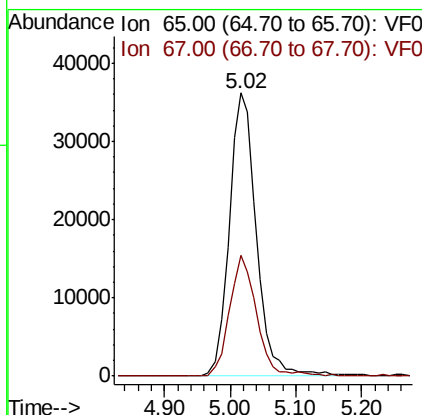
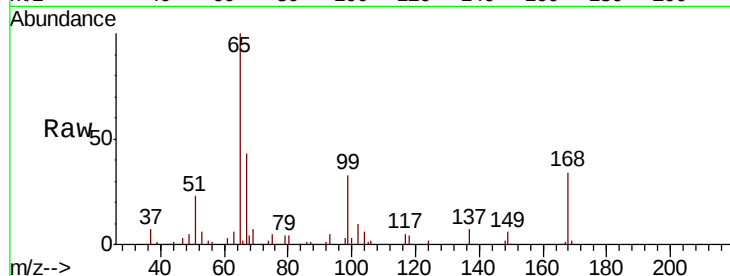




#33
 1,2-Dichloroethane-d4
 Concen: 53.31 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

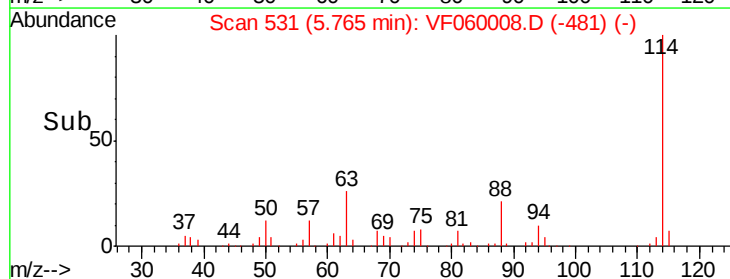
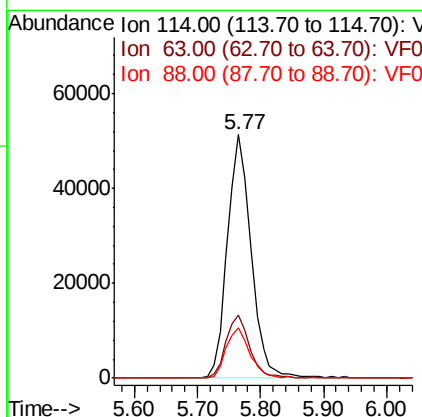
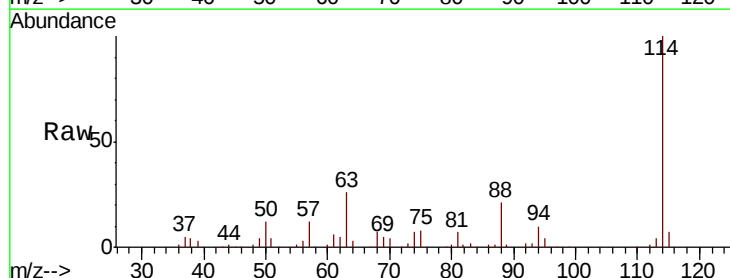
Instrument :
 MSVOA_F
 ClientSampleId :
 MS-RO-27186

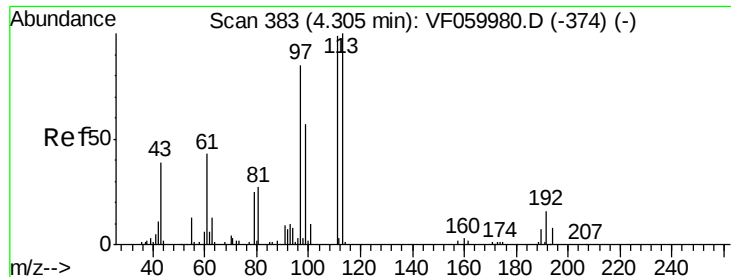
Tot Ion: 65 Resp: 104148
 Ion Ratio Lower Upper
 65 100
 67 42.8 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

Tgt Ion: 114 Resp: 133874
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 48.6
 88 20.8 0.0 42.8

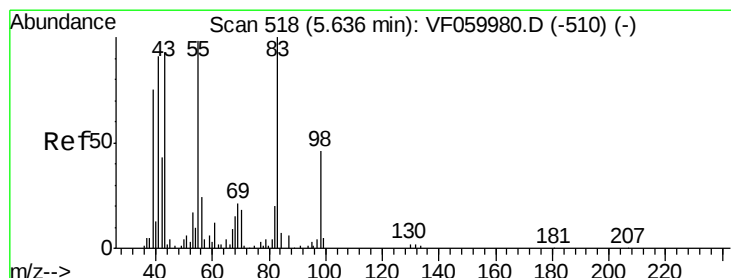
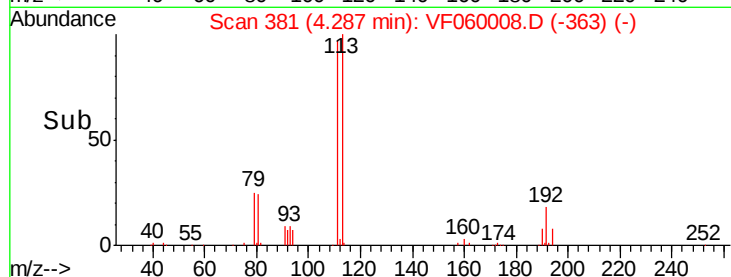
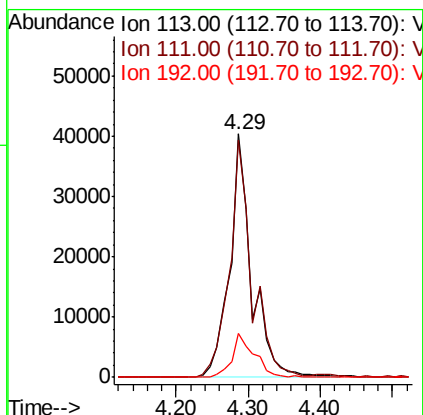
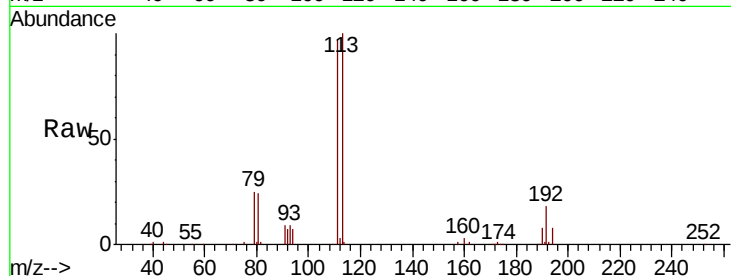




#35
 Dibromofluoromethane
 Concen: 63.17 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

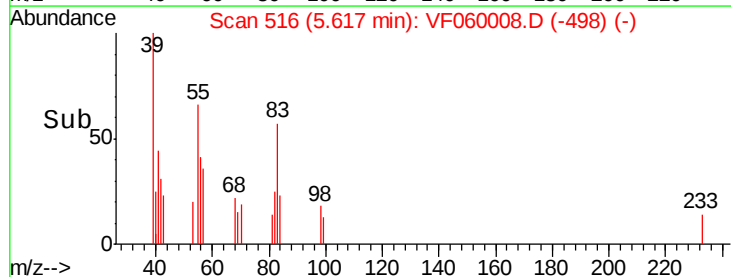
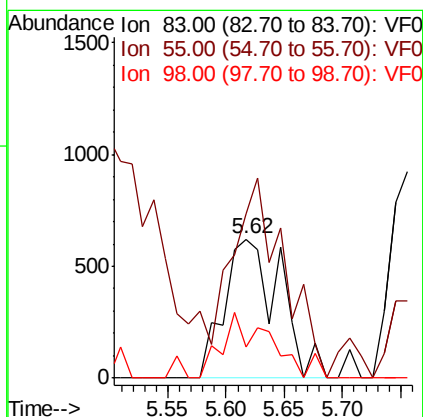
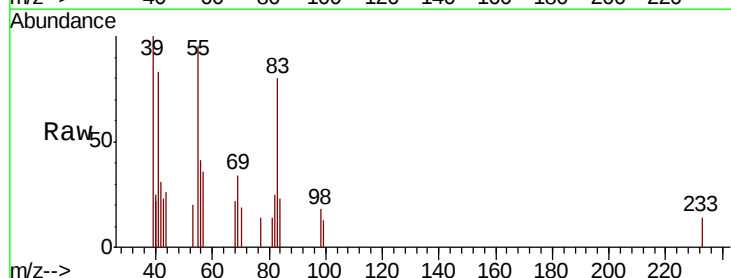
Instrument :
 MSVOA_F
 ClientSampleId :
 MS-RO-27186

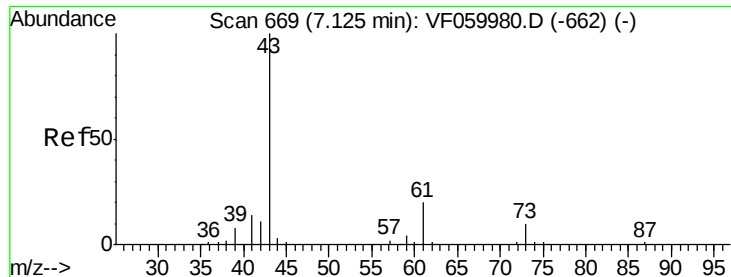
Tot Ion:113 Resp: 86433
 Ion Ratio Lower Upper
 113 100
 111 97.2 79.5 119.3
 192 18.2 12.4 18.6



#39
 Methylcyclohexane
 Concen: 1.80 ug/l
 RT: 5.62 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

Tgt Ion: 83 Resp: 2060
 Ion Ratio Lower Upper
 83 100
 55 118.5 78.8 118.2#
 98 22.5 36.8 55.2#





#43

Isopropyl Acetate

Concen: 2.38 ug/l

RT: 7.06 min Scan# 662

Delta R.T. -0.07 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

MS-RO-27186

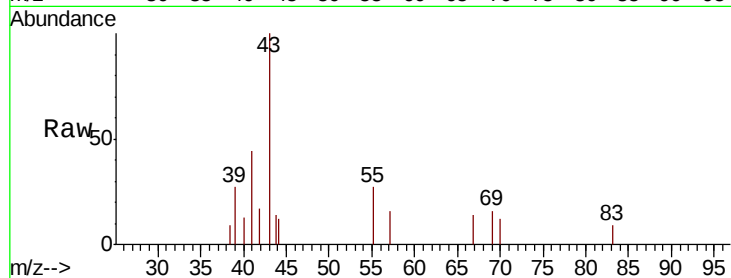
Tot Ion: 43 Resp: 2211

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

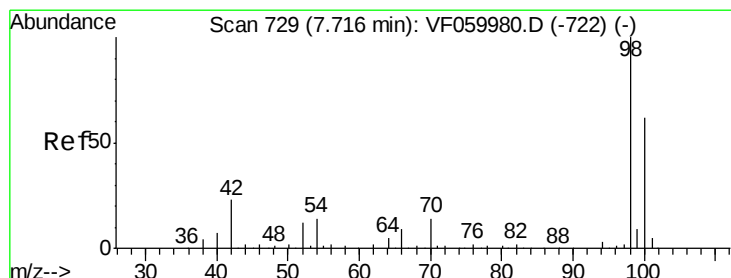
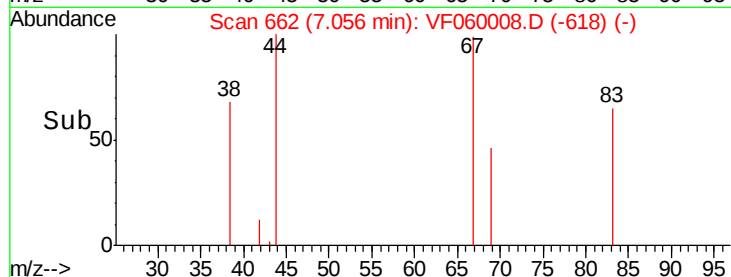
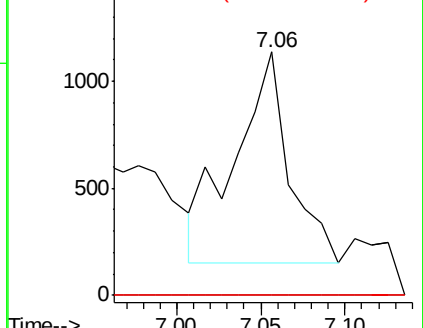
87 0.0 0.6 0.8#



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



#50

Toluene-d8

Concen: 42.68 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060008.D

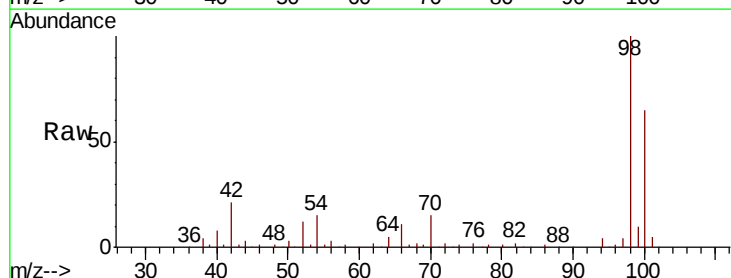
Acq: 20 Aug 2018 18:00

Tgt Ion: 98 Resp: 129851

Ion Ratio Lower Upper

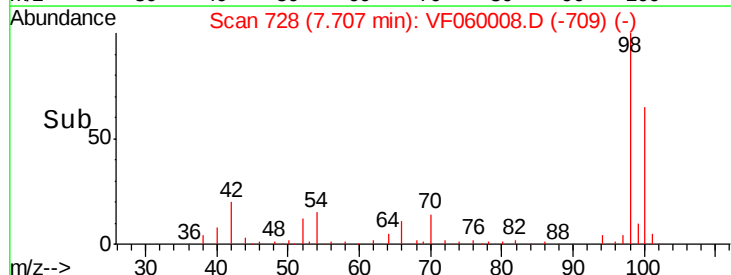
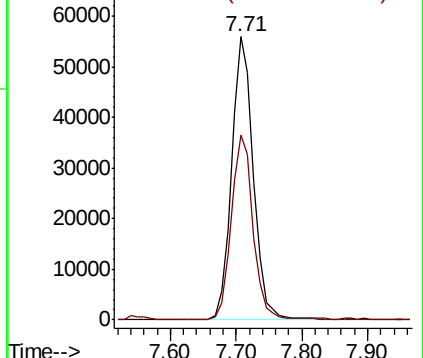
98 100

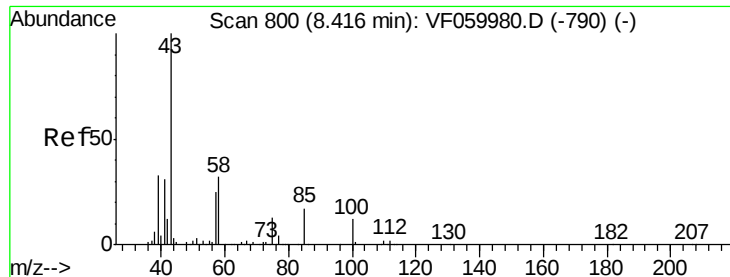
100 65.1 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 24.83 ug/l

RT: 8.38 min Scan# 796

Delta R.T. -0.04 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

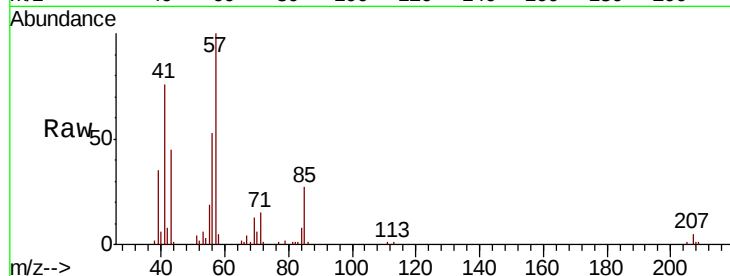
MS-RO-27186

Tot Ion: 43 Resp: 21519

Ion Ratio Lower Upper

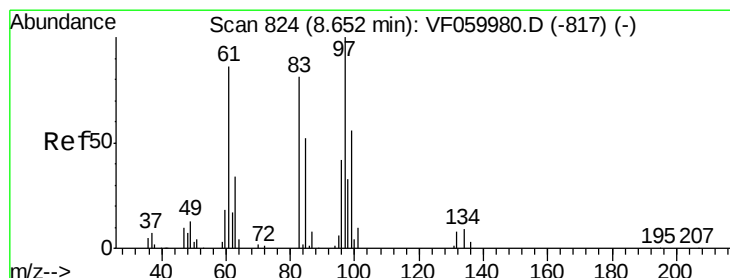
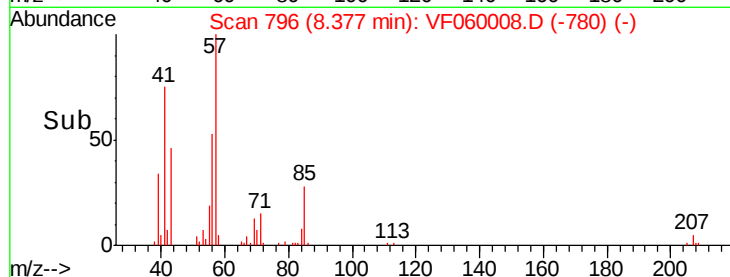
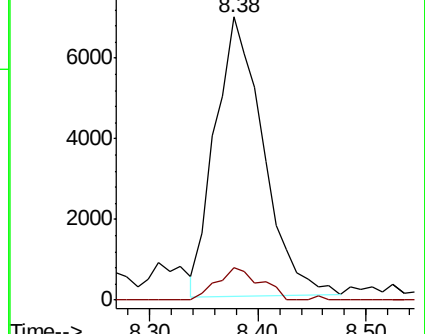
43 100

58 11.6 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#55

1,1,2-Trichloroethane

Concen: 2.37 ug/l

RT: 8.56 min Scan# 815

Delta R.T. -0.09 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Tgt Ion: 97 Resp: 1838

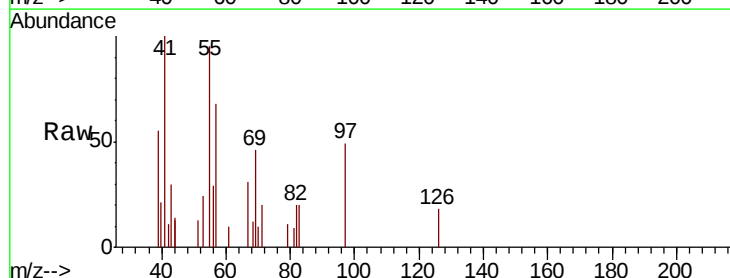
Ion Ratio Lower Upper

97 100

83 40.9 64.9 97.3#

85 0.0 41.8 62.6#

99 0.0 45.2 67.8#

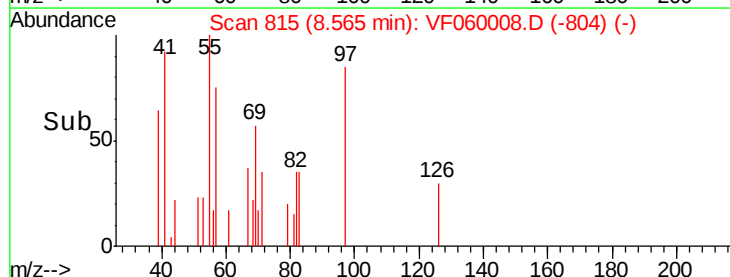
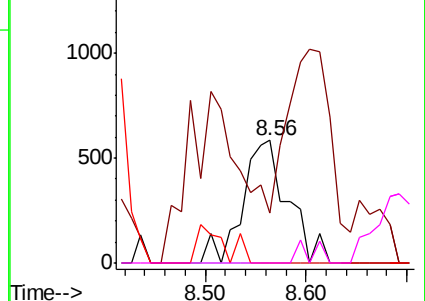


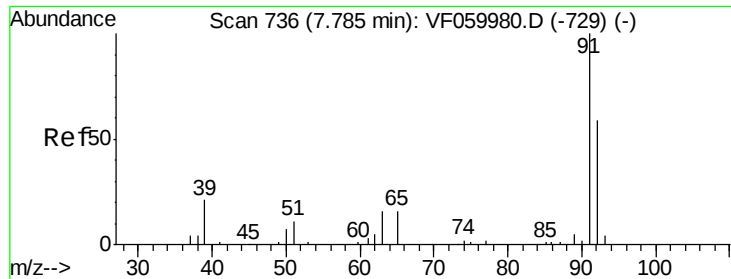
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0

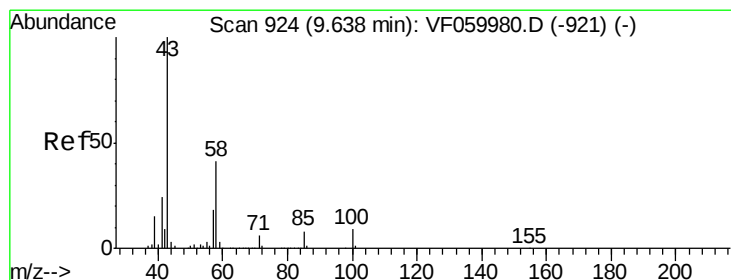
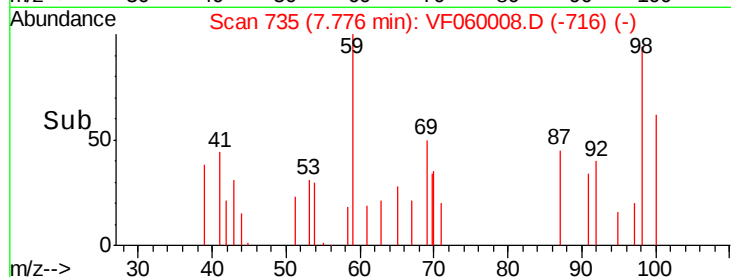
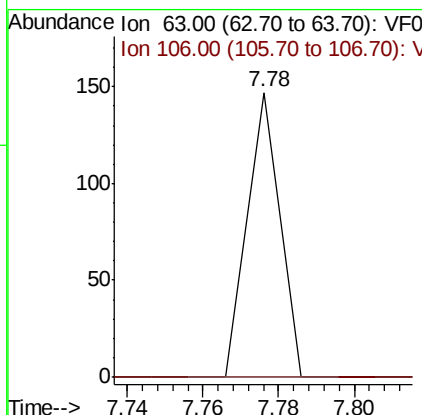
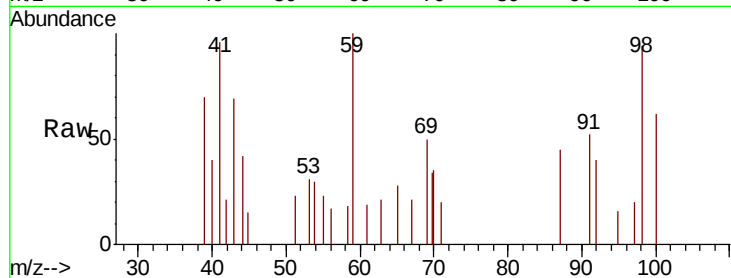




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.16 ug/l
 RT: 7.78 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

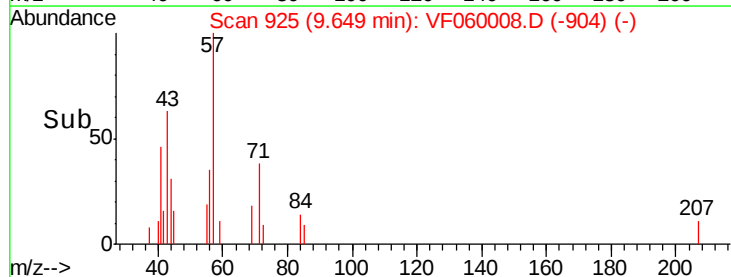
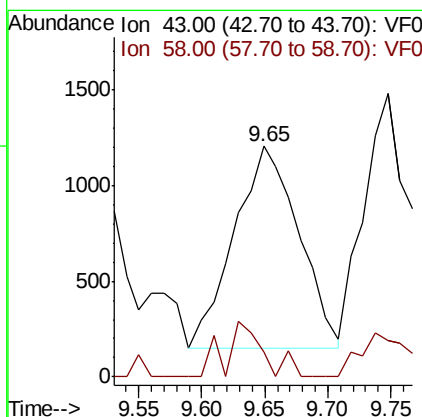
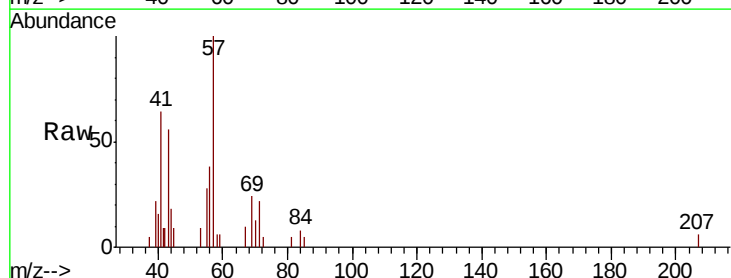
Instrument :
 MSVOA_F
 ClientSampleId :
 MS-RO-27186

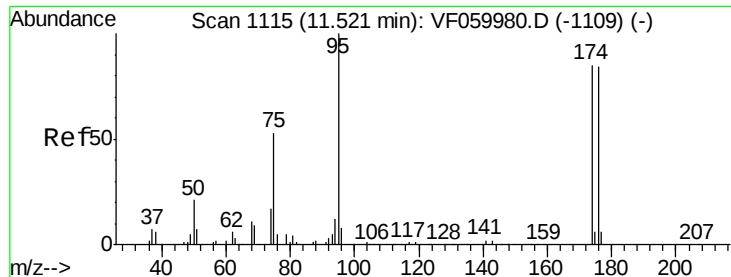
Tot Ion: 63 Resp: 87
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 5.20 ug/l
 RT: 9.65 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

Tgt Ion: 43 Resp: 3722
 Ion Ratio Lower Upper
 43 100
 58 10.8 20.1 60.3#





#62

4-Bromofluorobenzene

Concen: 24.62 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

MS-RO-27186

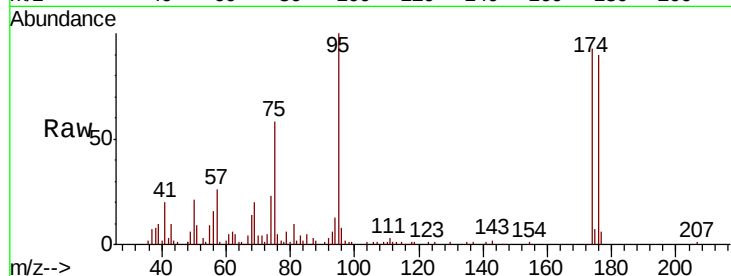
Tot Ion: 95 Resp: 45974

Ion Ratio Lower Upper

95 100

174 93.4 0.0 169.8

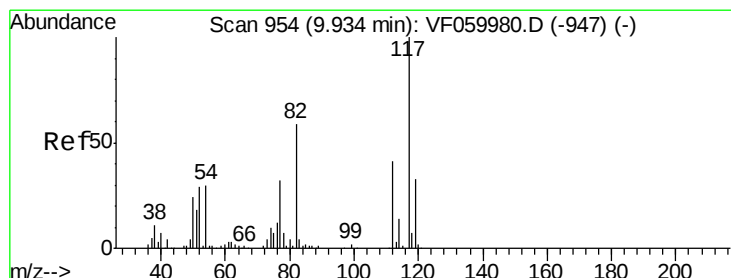
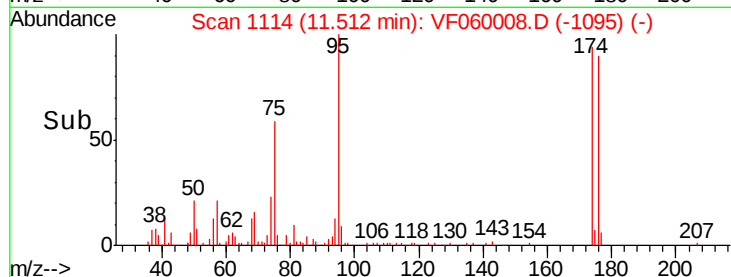
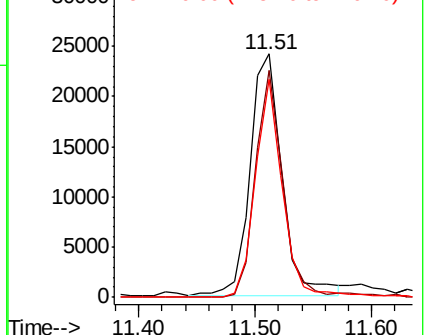
176 89.7 0.0 167.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

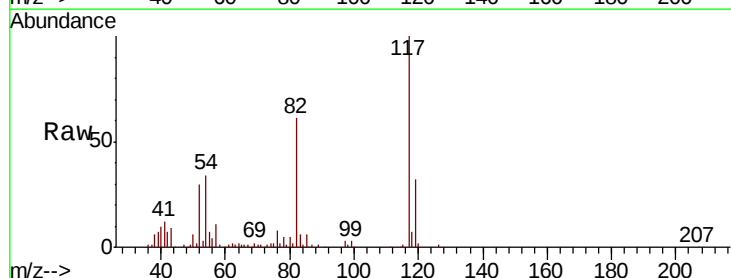
Tgt Ion: 117 Resp: 97249

Ion Ratio Lower Upper

117 100

82 60.5 47.2 70.8

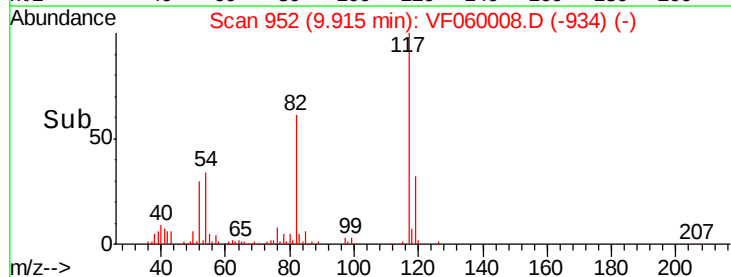
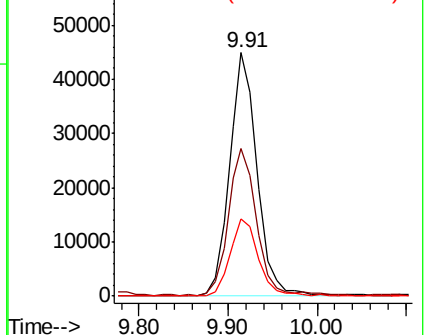
119 31.6 26.1 39.1

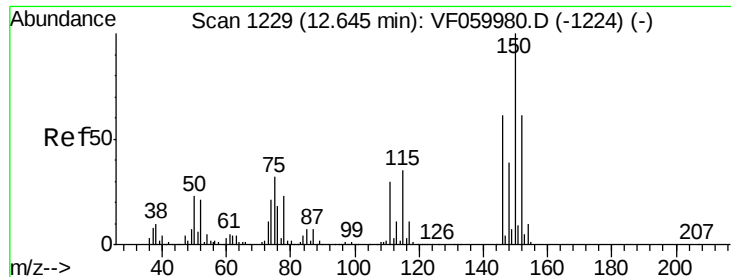


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



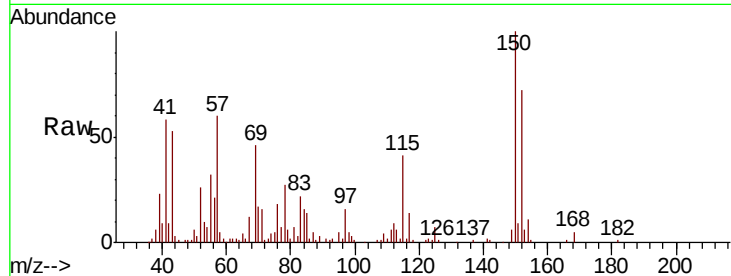


#72

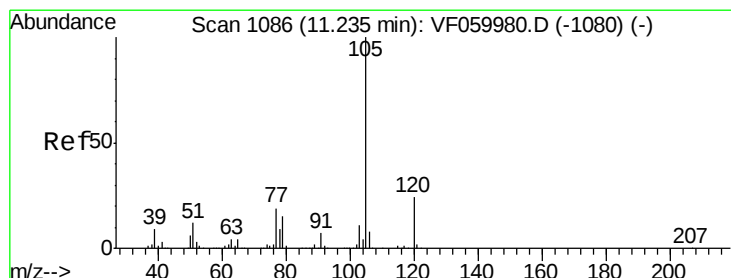
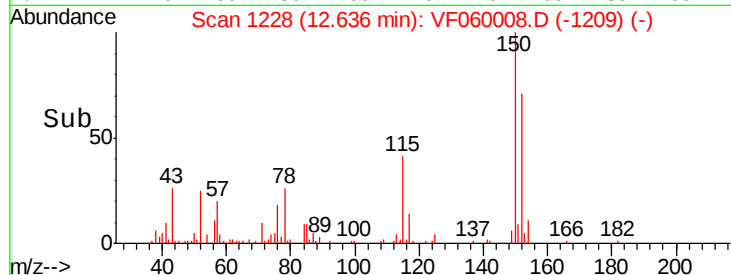
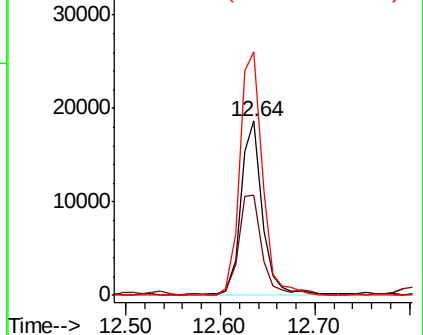
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

Instrument :
MSVOA_F
ClientSampleId :
MS-RO-27186

Tot Ion:152 Resp: 29617
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 139.7 0.0 330.2



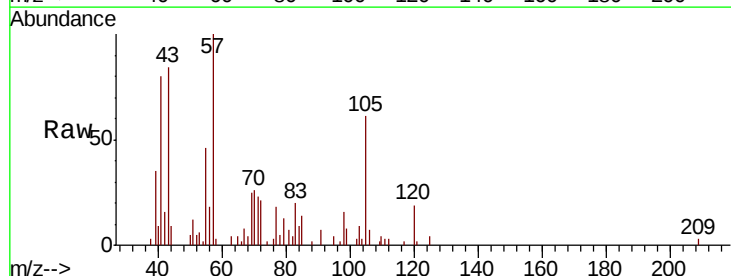
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



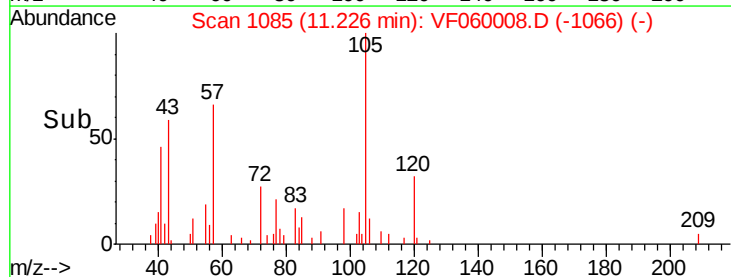
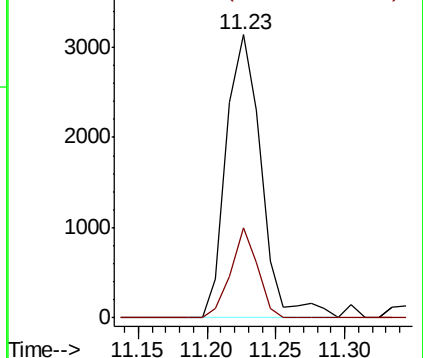
#73

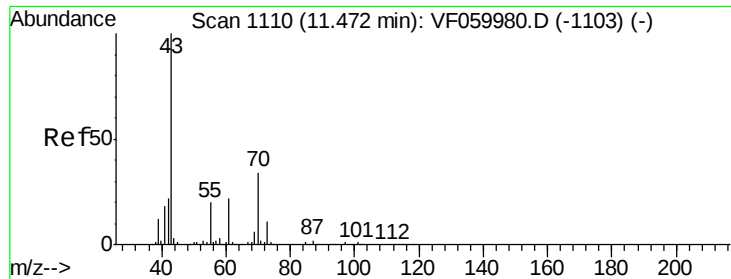
Isopropylbenzene
Concen: 3.14 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

Tgt Ion:105 Resp: 5572
Ion Ratio Lower Upper
105 100
120 31.8 11.9 35.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 10.00 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

MS-RO-27186

Tot Ion: 43 Resp: 5039

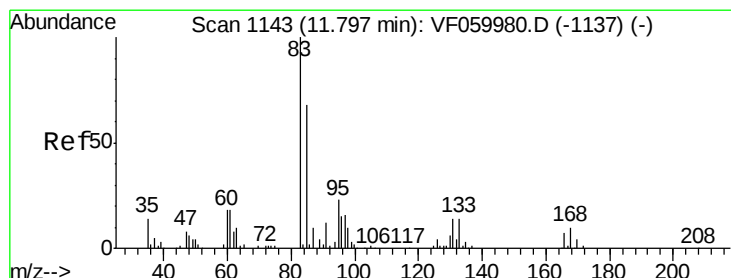
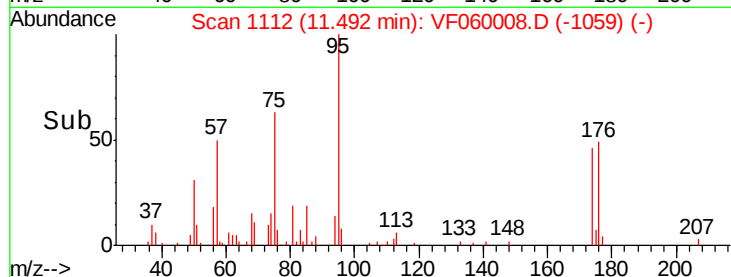
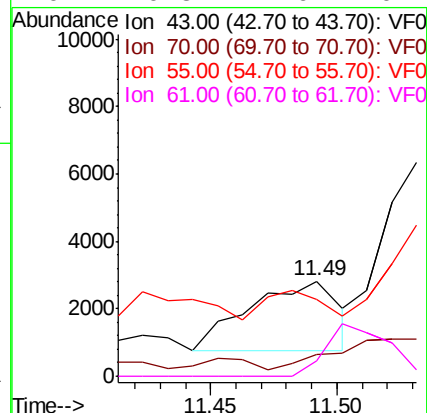
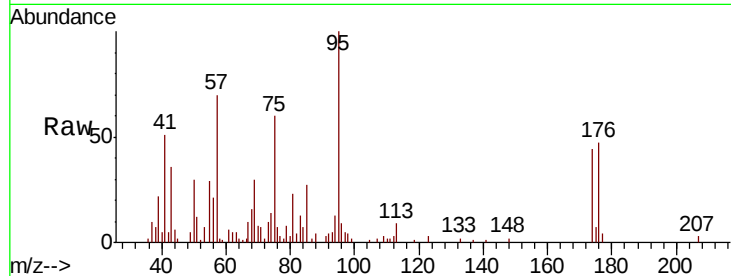
Ion Ratio Lower Upper

43 100

70 23.3 27.2 40.8#

55 80.3 16.4 24.6#

61 16.8 17.6 26.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 16.30 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

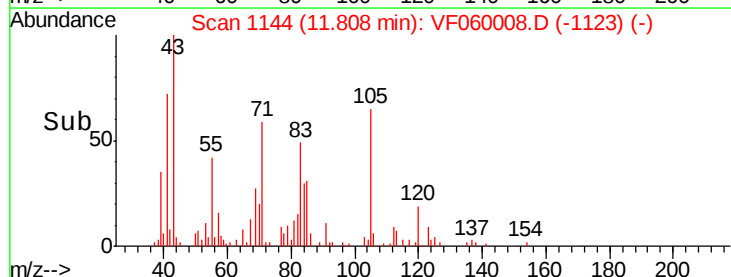
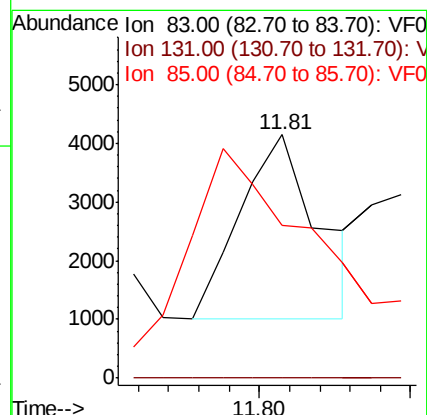
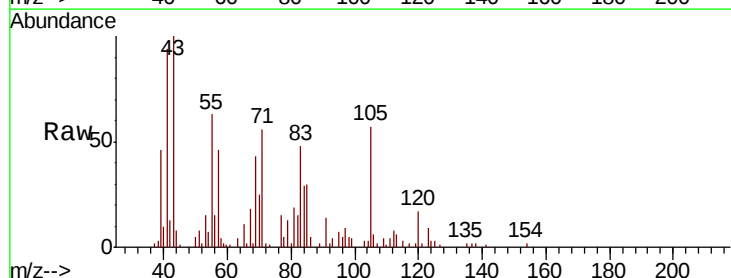
Tgt Ion: 83 Resp: 5683

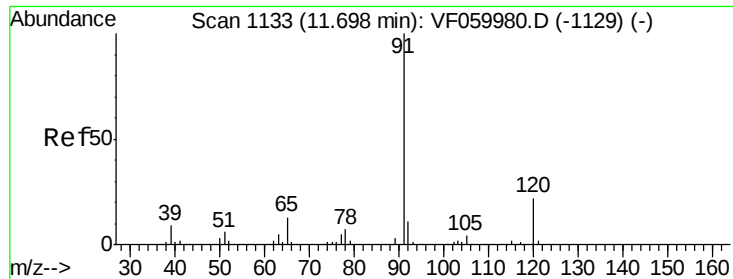
Ion Ratio Lower Upper

83 100

131 0.0 7.2 21.6#

85 62.8 34.1 102.2

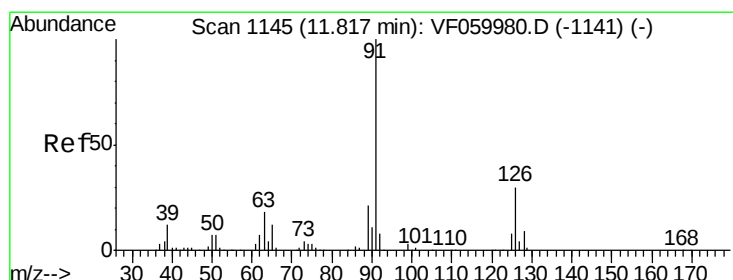
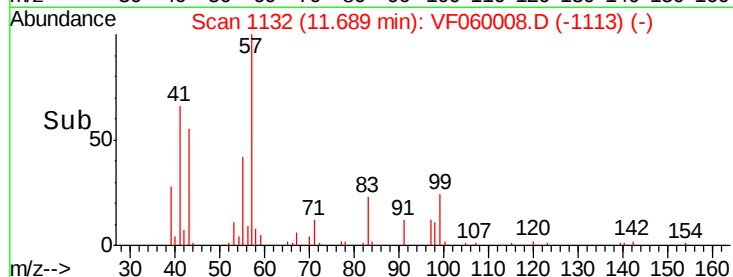
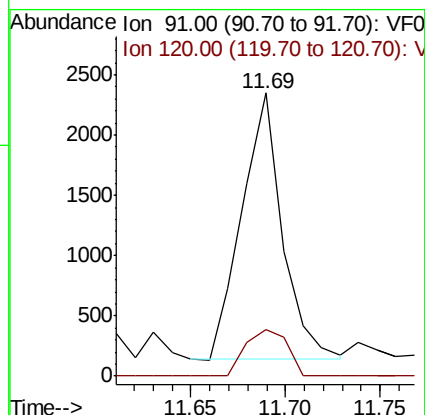
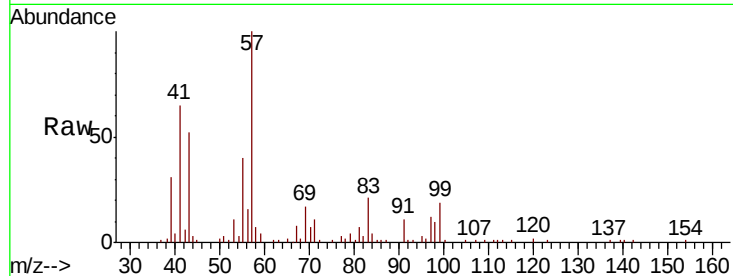




#78
n-propylbenzene
Concen: 1.48 ug/l
RT: 11.69 min Scan# 1132
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

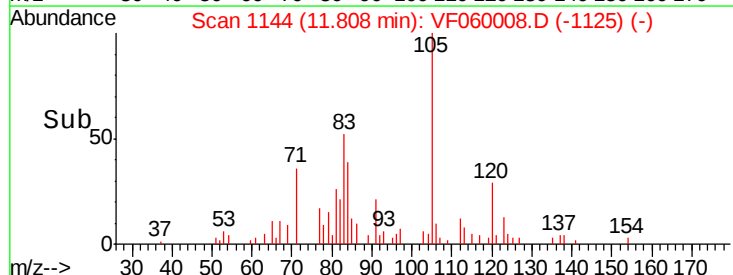
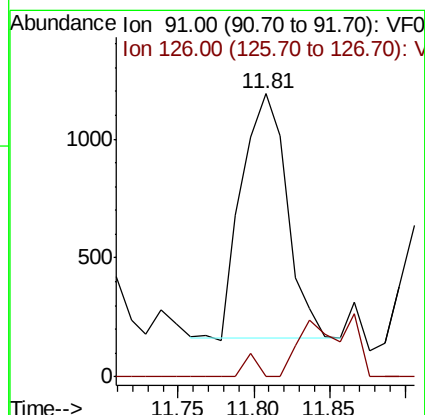
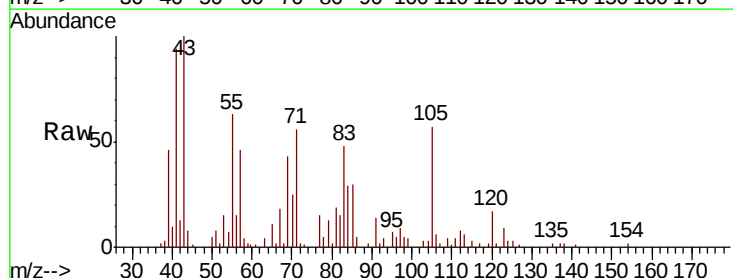
Instrument :
MSVOA_F
ClientSampleId :
MS-RO-27186

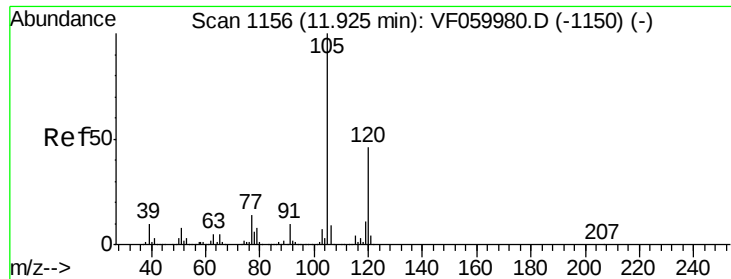
Tot Ion: 91 Resp: 3263
Ion Ratio Lower Upper
91 100
120 16.6 11.0 33.0



#79
2-Chlorotoluene
Concen: 1.59 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

Tgt Ion: 91 Resp: 2134
Ion Ratio Lower Upper
91 100
126 0.0 14.7 44.1#





#80

1,3,5-Trimethylbenzene

Concen: 5.45 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

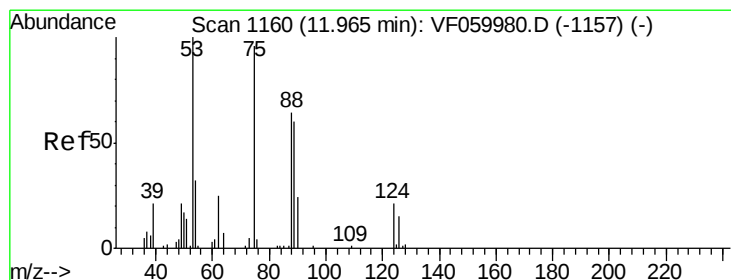
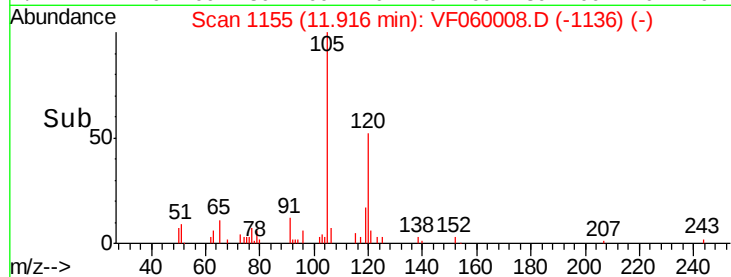
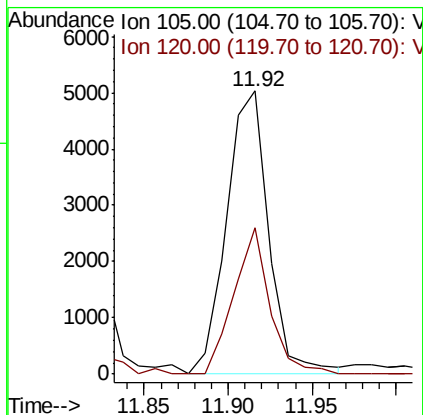
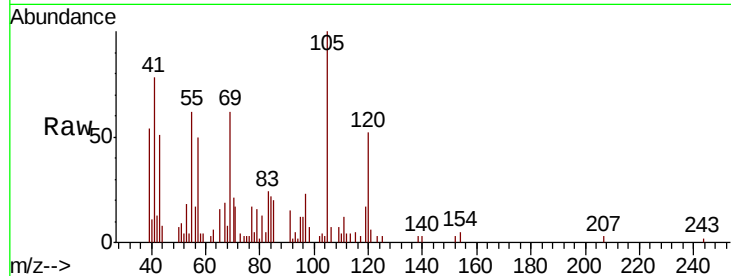
MS-RO-27186

Tot Ion:105 Resp: 8742

Ion Ratio Lower Upper

105 100

120 51.8 22.9 68.7



#81

trans-1,4-Dichloro-2-butene

Concen: 1.55 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

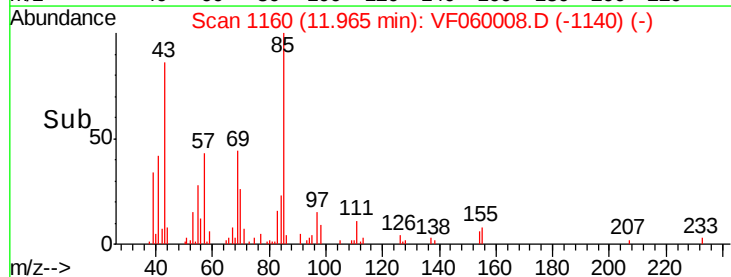
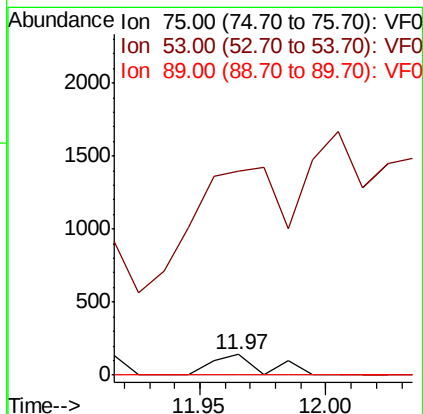
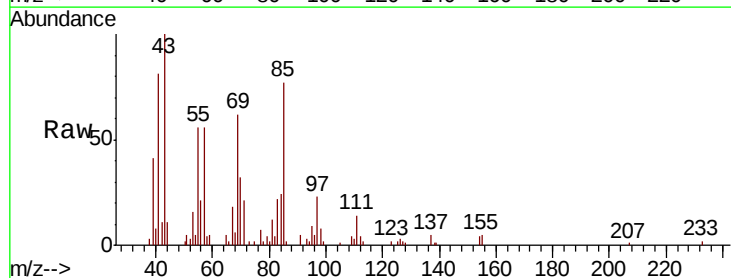
Tgt Ion: 75 Resp: 202

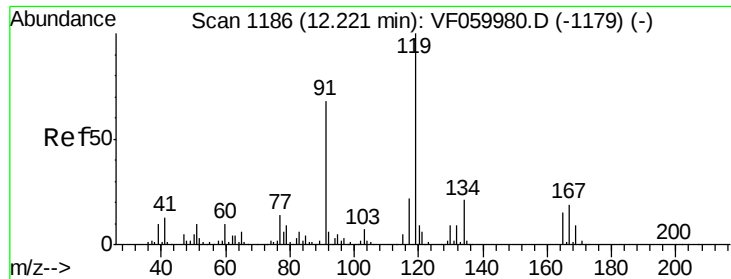
Ion Ratio Lower Upper

75 100

53 996.4 87.4 131.0#

89 0.0 52.8 79.2#





#83

tert-Butylbenzene

Concen: 2.56 ug/l

RT: 12.21 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

MS-RO-27186

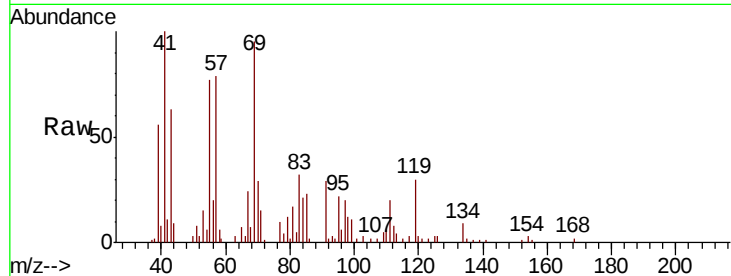
Tot Ion:119 Resp: 4033

Ion Ratio Lower Upper

119 100

91 96.1 34.1 102.2

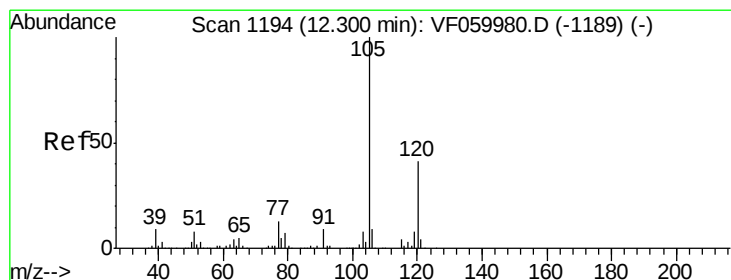
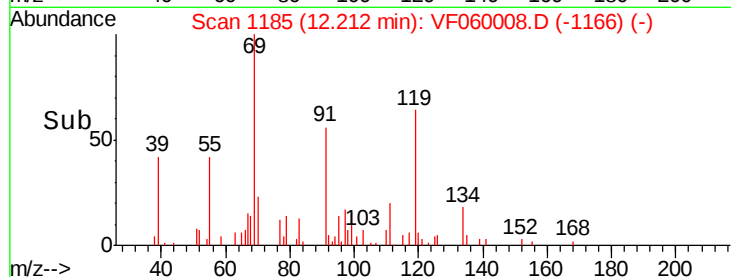
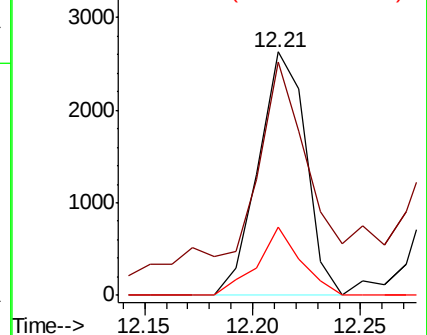
134 28.3 10.5 31.6



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: 9.79 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VF060008.D

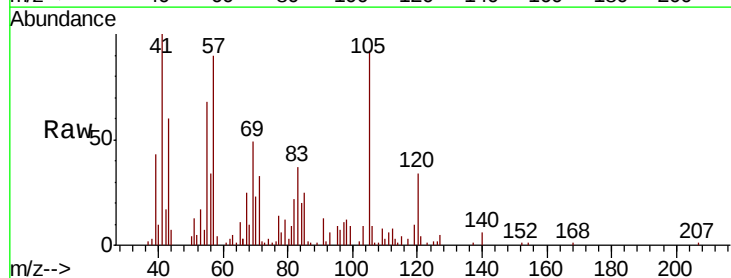
Acq: 20 Aug 2018 18:00

Tgt Ion:105 Resp: 16541

Ion Ratio Lower Upper

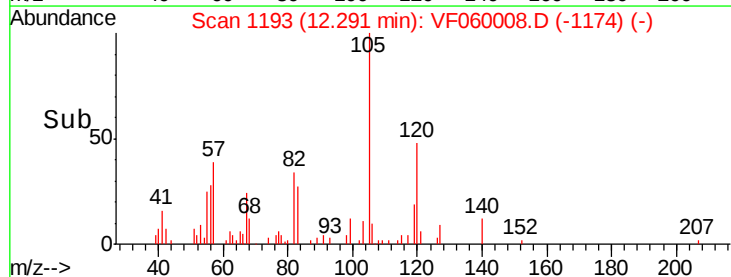
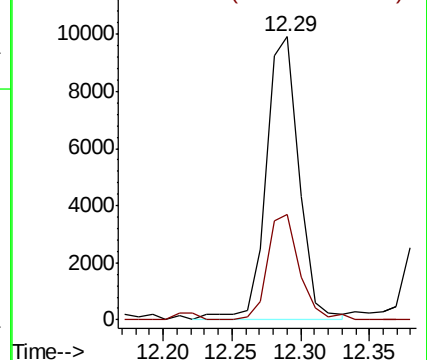
105 100

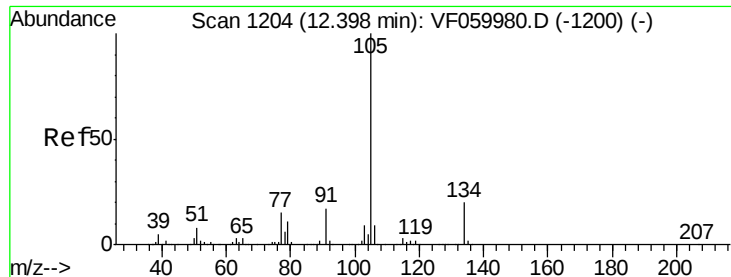
120 37.2 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

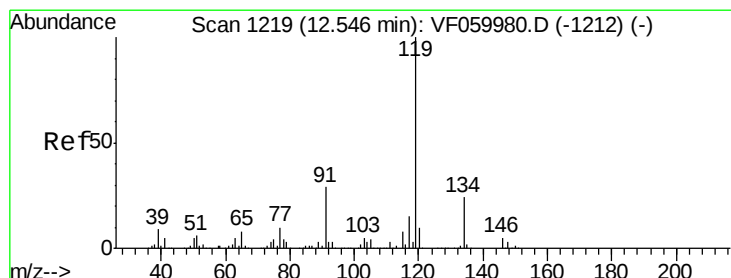
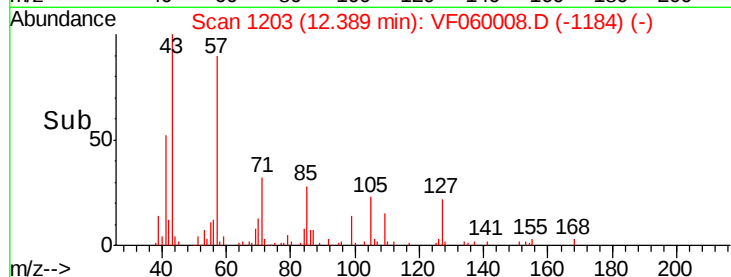
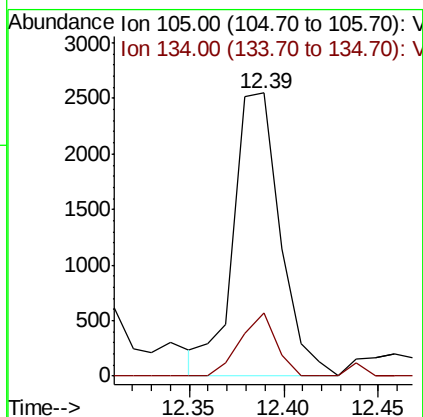
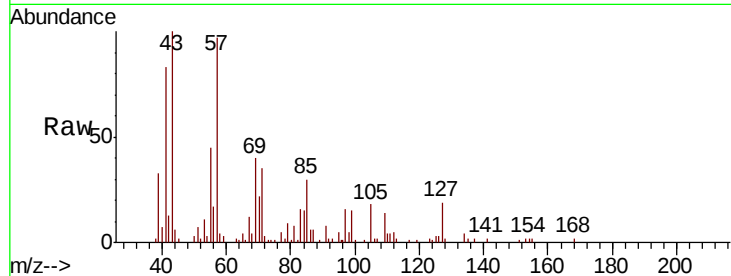




#85
 sec-Butylbenzene
 Concen: 2.10 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

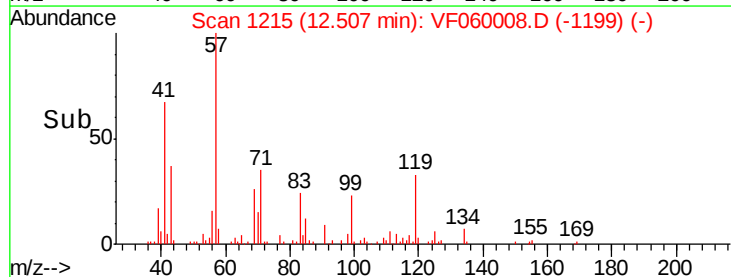
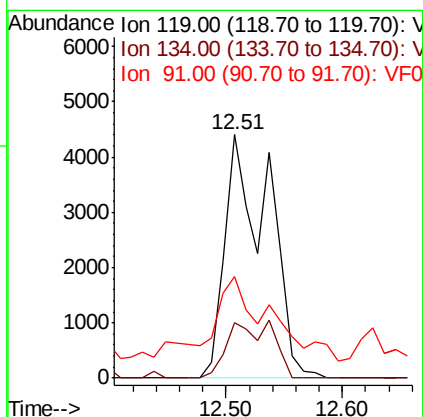
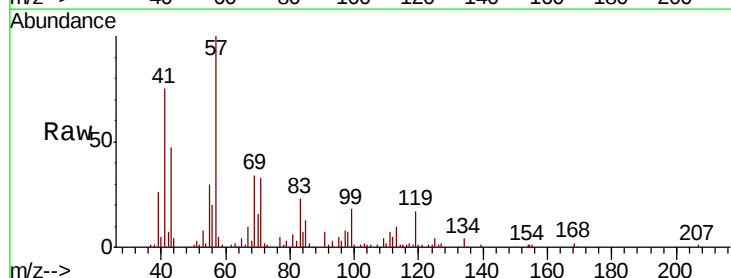
Instrument :
 MSVOA_F
 ClientSampleId :
 MS-RO-27186

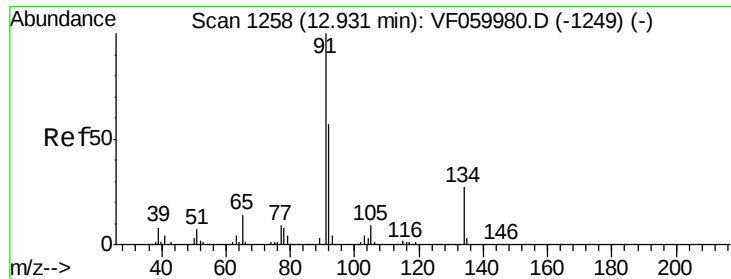
Tot Ion:105 Resp: 4369
 Ion Ratio Lower Upper
 105 100
 134 22.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 6.14 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.04 min
 Lab File: VF060008.D
 Acq: 20 Aug 2018 18:00

Tgt Ion:119 Resp: 11328
 Ion Ratio Lower Upper
 119 100
 134 23.0 12.1 36.3
 91 41.6 14.4 43.4

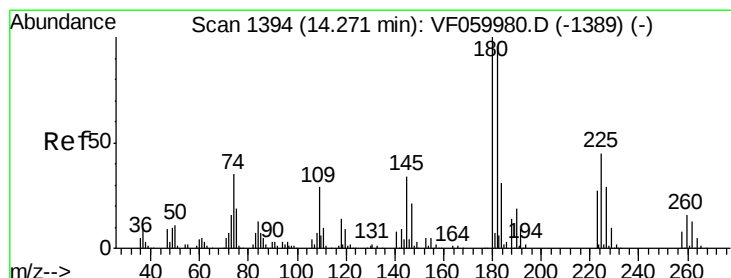
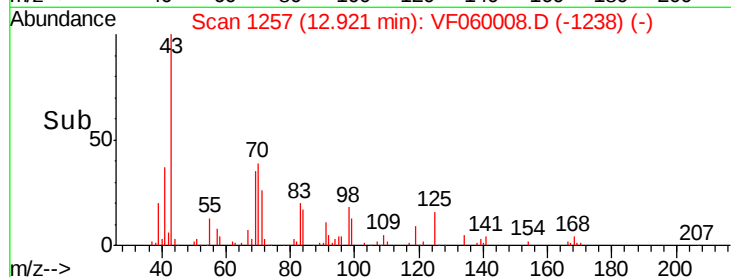
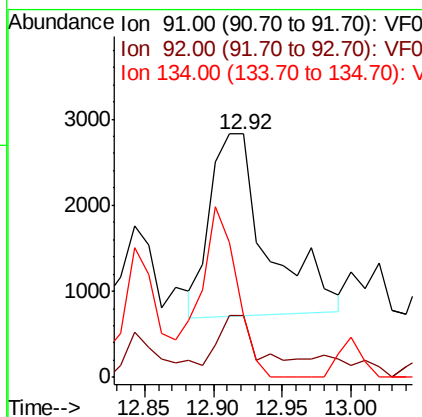
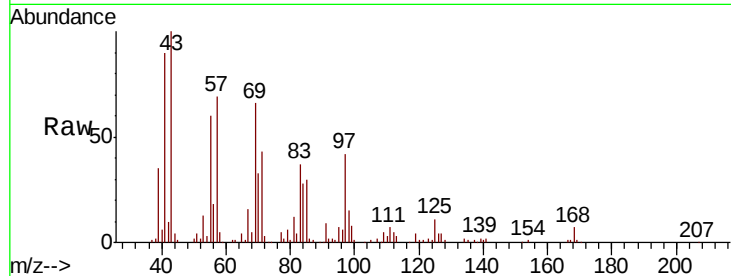




#89
n-Butylbenzene
Concen: 3.44 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. -0.01 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

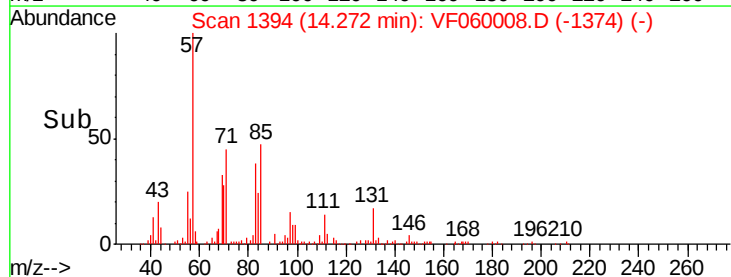
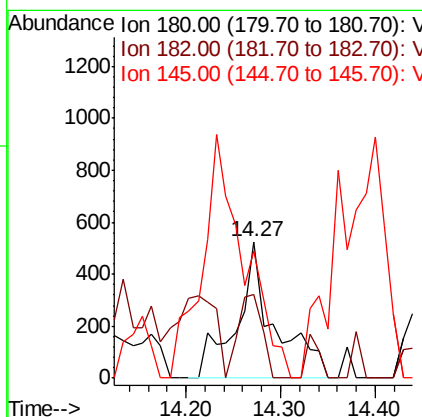
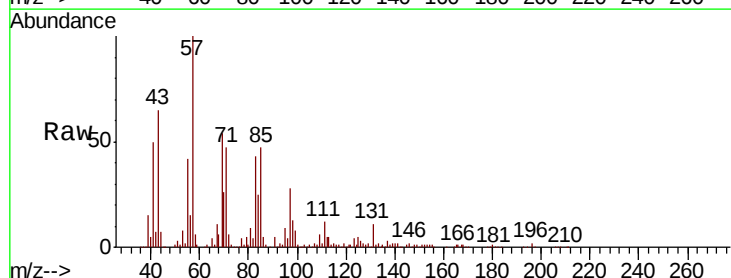
Instrument :
MSVOA_F
ClientSampleId :
MS-RO-27186

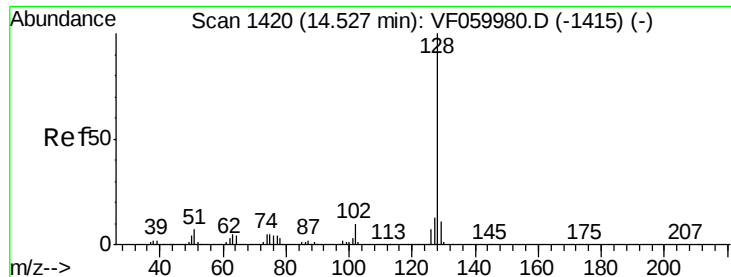
Tot Ion: 91 Resp: 6123
Ion Ratio Lower Upper
91 100
92 25.2 28.7 86.3#
134 25.3 13.3 39.9



#93
1,2,4-Trichlorobenzene
Concen: 1.98 ug/l
RT: 14.27 min Scan# 1394
Delta R.T. 0.00 min
Lab File: VF060008.D
Acq: 20 Aug 2018 18:00

Tgt Ion: 180 Resp: 1461
Ion Ratio Lower Upper
180 100
182 61.6 47.9 143.6
145 93.0 17.2 51.5#





#95

Naphthalene

Concen: 6.26 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF060008.D

Acq: 20 Aug 2018 18:00

Instrument :

MSVOA_F

ClientSampleId :

MS-RO-27186

Tot Ion:128 Resp: 6500

Ion Ratio Lower Upper

128 100

127 30.2 10.2 15.2#

129 9.5 9.0 13.4

