

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059222.D
 Acq On : 20 Jun 2018 8:36
 Operator : VA/AP
 Sample : J3575-21
 Misc : 10.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 20 08:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	82	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	81	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.71	98	147	86.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.94%	
62) 4-Bromofluorobenzene	11.48	95	63	72.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	145.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	72	62.984	ug/l #	42
3) Chloromethane	1.13	50	70	79.053	ug/l #	41
4) Vinyl Chloride	1.11	62	75	93.882	ug/l #	43
5) Bromomethane	1.38	94	65	139.640	ug/l #	1
7) Trichlorofluoromethane	1.38	101	79	63.619	ug/l #	17
11) Tert butyl alcohol	2.67	59	76	968.343	ug/l #	71
12) 1,1-Dichloroethene	1.74	96	221	332.081	ug/l #	1
14) Allyl chloride	2.18	41	81	62.012	ug/l #	60
15) Acrylonitrile	3.22	53	77	493.980	ug/l #	13
16) Acetone	2.35	43	248	847.974	ug/l #	59
18) Methyl Acetate	2.44	43	236	469.403	ug/l #	66
19) Methyl tert-butyl Ether	2.49	73	69	33.399	ug/l #	58
20) Methylene Chloride	2.34	84	67	95.677	ug/l #	1
21) trans-1,2-Dichloroethene	2.49	96	60	82.208	ug/l #	1
22) Diisopropyl ether	2.94	45	63	24.536	ug/l #	38
23) Vinyl Acetate	3.33	43	72	42.529	ug/l #	78
25) 2-Butanone	4.53	43	157	346.261	ug/l #	56
26) 2,2-Dichloropropane	3.73	77	81	71.724	ug/l #	65
28) Bromochloromethane	3.87	49	90	128.452	ug/l #	2
29) Tetrahydrofuran	4.24	42	77	385.409	ug/l #	36
31) Cyclohexane	3.87	56	66	48.535	ug/l #	15
32) 1,1,1-Trichloroethane	4.32	97	66	39.700	ug/l #	20
36) 1,1-Dichloropropene	4.44	75	89	111.975	ug/l #	42
37) Ethyl Acetate	4.32	43	60	122.173	ug/l #	17
38) Carbon Tetrachloride	4.28	117	63	73.136	ug/l #	13
40) Benzene	4.85	78	72	39.027	ug/l #	50
41) Methacrylonitrile	4.92	41	150	621.691	ug/l #	24
42) 1,2-Dichloroethane	5.15	62	66	79.766	ug/l	82
43) Isopropyl Acetate	7.14	43	176	267.591	ug/l #	44
48) Methyl methacrylate	6.84	41	218	537.662	ug/l #	48
51) 4-Methyl-2-Pentanone	8.40	43	168	372.673	ug/l #	38
53) t-1,3-Dichloropropene	8.32	75	61	69.179	ug/l #	43
56) Ethyl methacrylate	8.80	69	74	121.920	ug/l #	20
57) 1,3-Dichloropropane	8.92	76	128	155.397	ug/l #	42

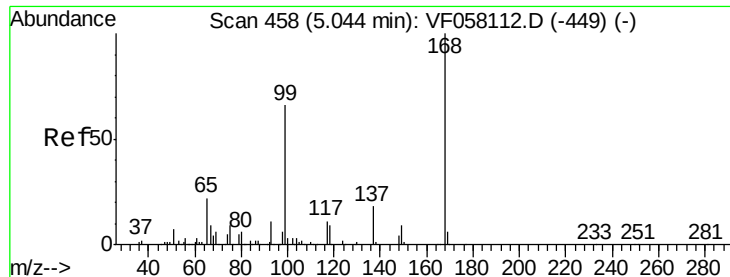
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059222.D
Acq On : 20 Jun 2018 8:36
Operator : VA/AP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.76	63	59	1359.450	ug/l	100
59) 2-Hexanone	9.60	43	170	476.753	ug/l #	26
61) 1,2-Dibromoethane	9.13	107	64	114.386	ug/l #	2
67) Ethyl Benzene	10.08	91	70	25.116	ug/l #	44

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

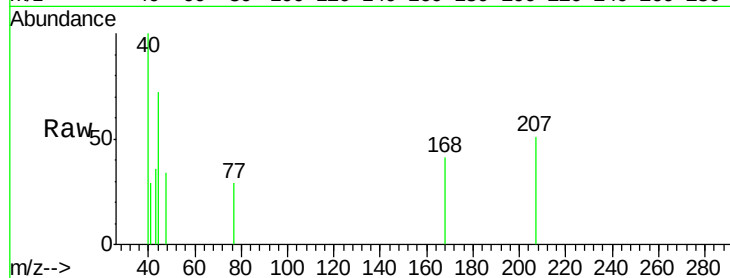
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 101

Ion Ratio Lower Upper

168 100

99 0.0 52.9 79.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

150

100

50

0

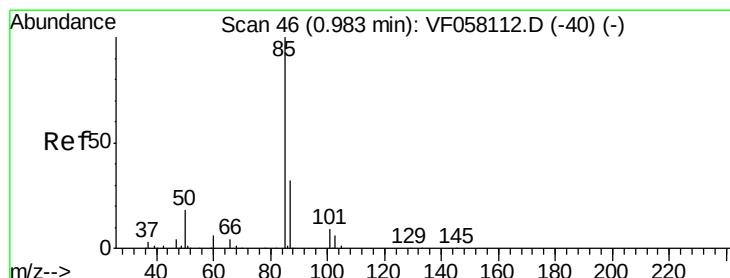
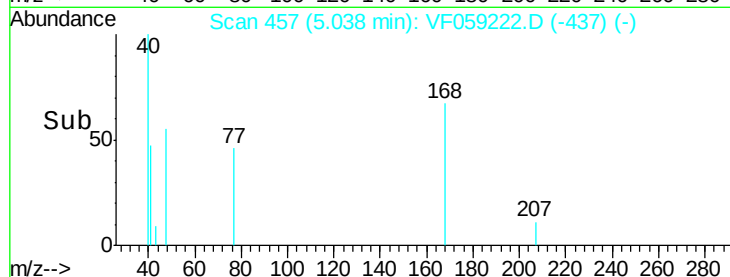
Time-->

5.00

5.02

5.04

5.06



#2

Dichlorodifluoromethane

Concen: 62.984 ug/l

RT: 0.99 min Scan# 46

Delta R.T. 0.00 min

Lab File: VF059222.D

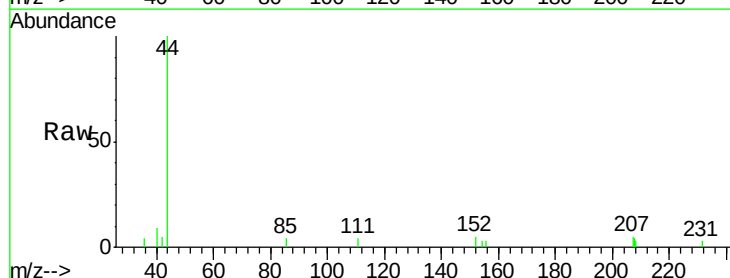
Acq: 20 Jun 2018 8:36

Tgt Ion: 85 Resp: 72

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

100

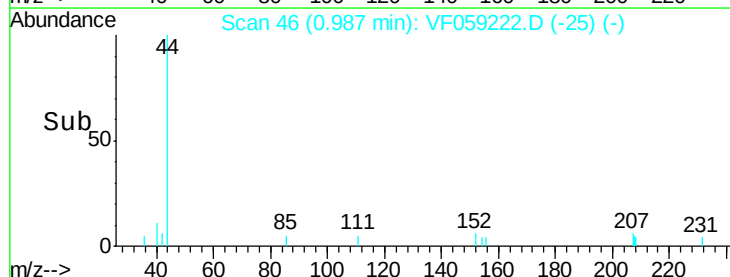
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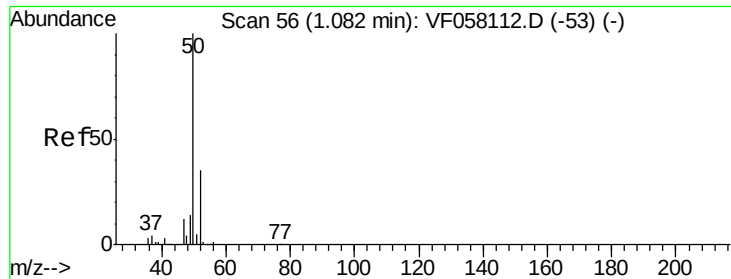
0

Time-->

0.98

1.00





#3

Chloromethane

Concen: 79.053 ug/l

RT: 1.13 min Scan# 61

Delta R.T. 0.05 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

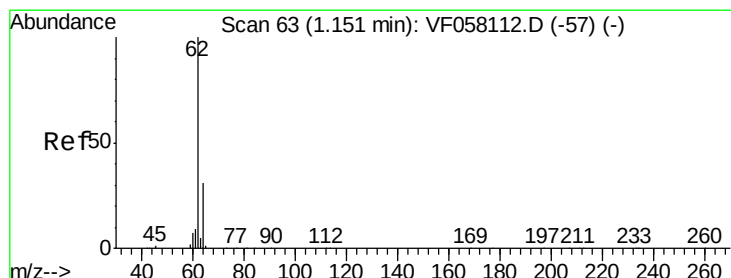
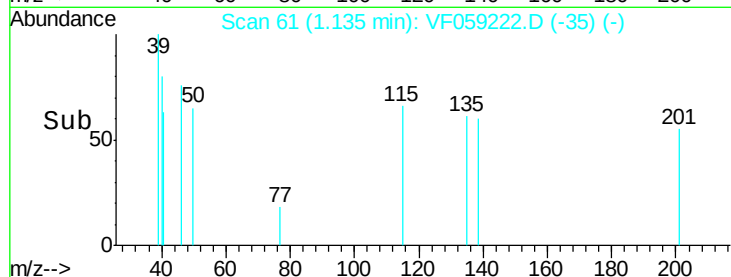
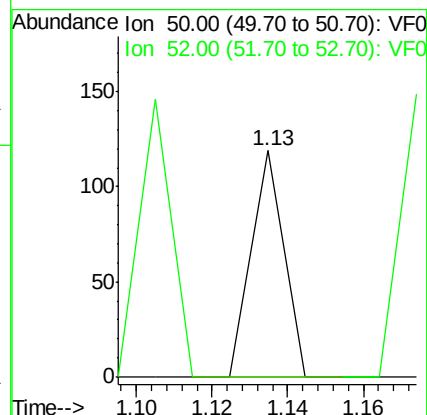
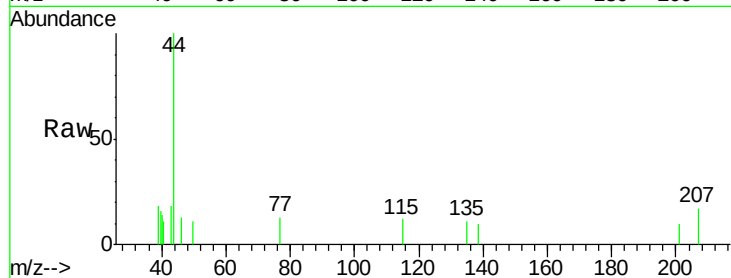
ClientSampleId :

Tot Ion: 50 Resp: 70

Ion Ratio Lower Upper

50 100

52 0.0 27.3 40.9#



#4

Vinyl Chloride

Concen: 93.882 ug/l

RT: 1.11 min Scan# 59

Delta R.T. -0.04 min

Lab File: VF059222.D

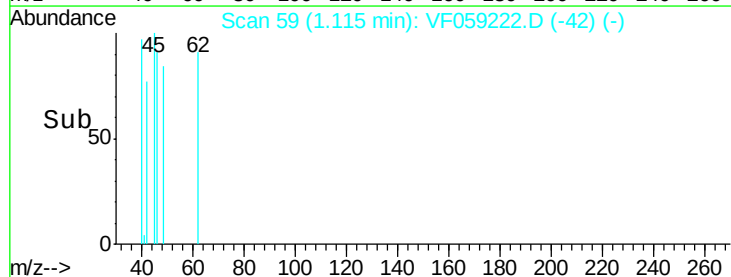
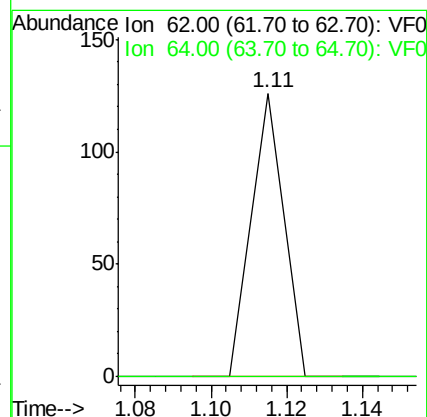
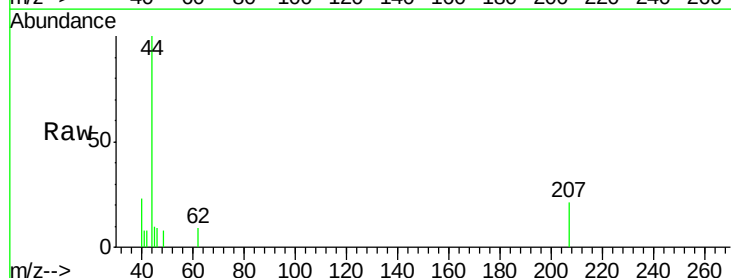
Acq: 20 Jun 2018 8:36

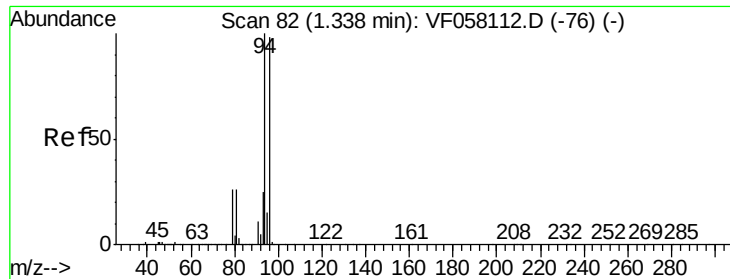
Tgt Ion: 62 Resp: 75

Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#





#5

Bromomethane

Concen: 139.640 ug/l

RT: 1.38 min Scan# 86

Delta R.T. 0.04 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

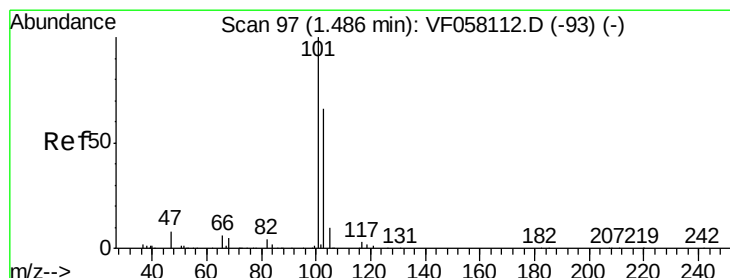
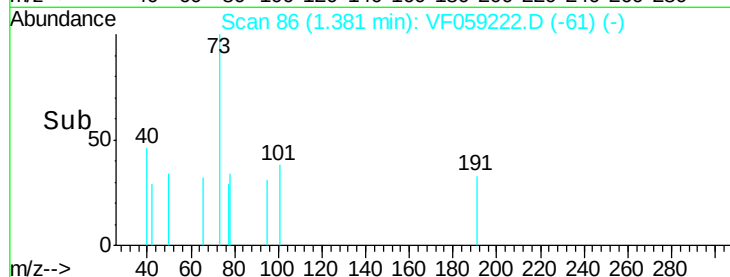
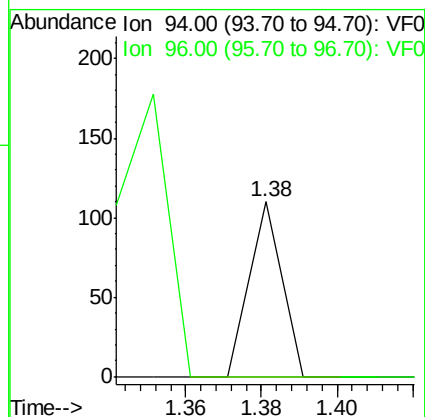
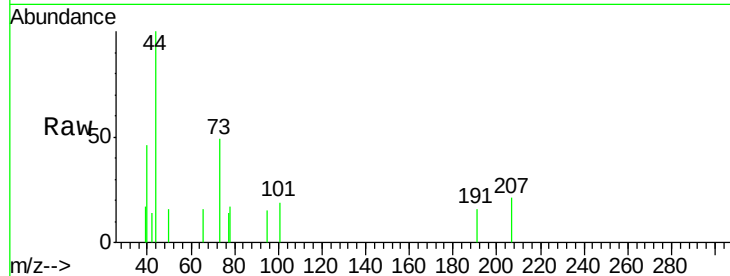
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 65

Ion Ratio Lower Upper

94 100

96 0.0 78.6 117.8#



#7

Trichlorofluoromethane

Concen: 63.619 ug/l

RT: 1.38 min Scan# 86

Delta R.T. -0.10 min

Lab File: VF059222.D

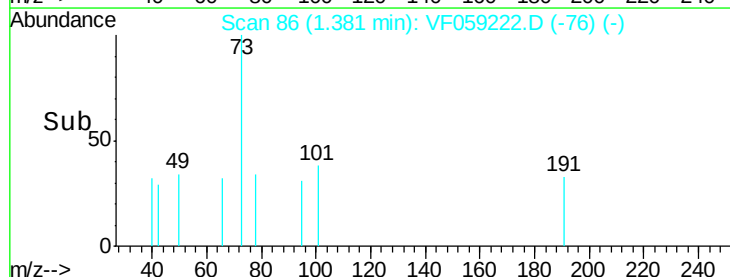
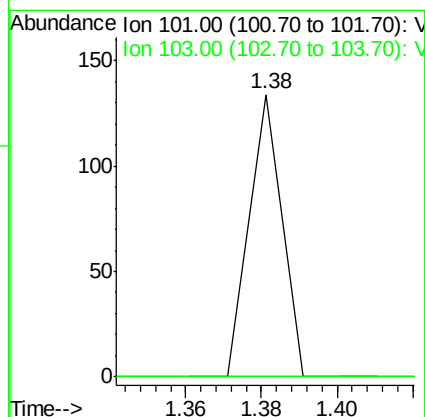
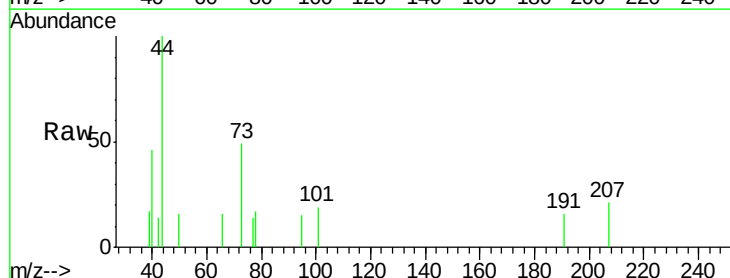
Acq: 20 Jun 2018 8:36

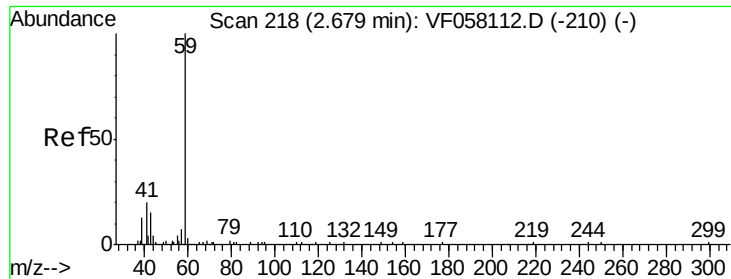
Tgt Ion: 101 Resp: 79

Ion Ratio Lower Upper

101 100

103 0.0 53.4 80.2#



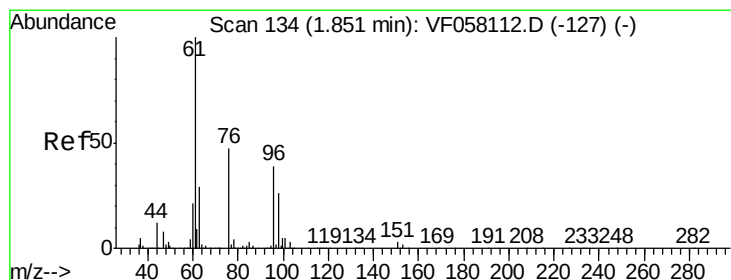
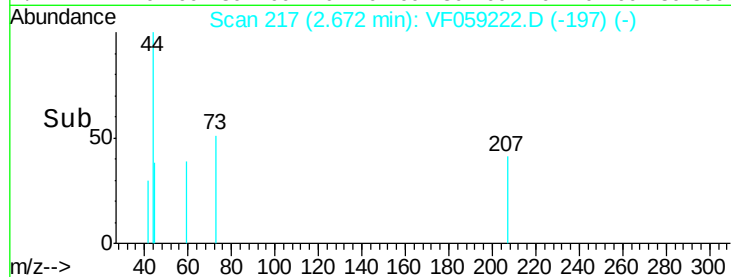
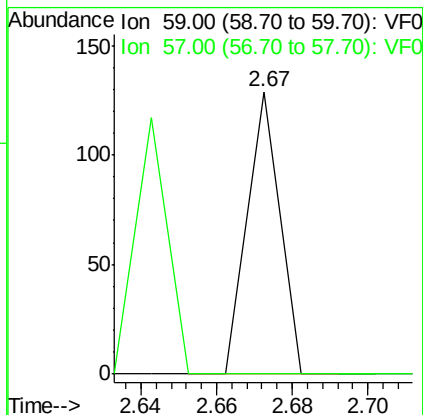
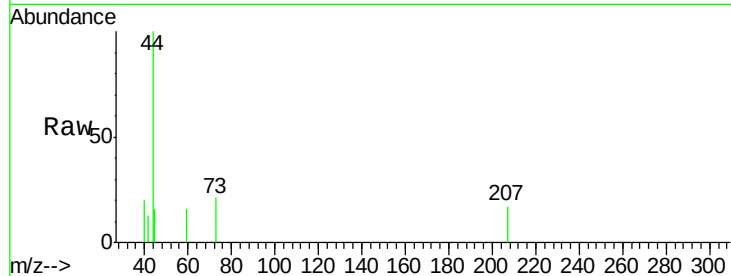


#11

Tert butyl alcohol
Concen: 968.343 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Instrument :
MSVOA_F
ClientSampled :

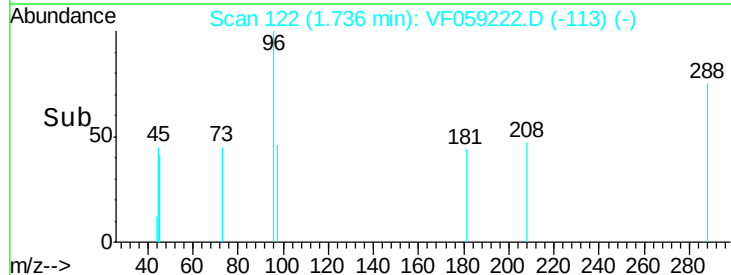
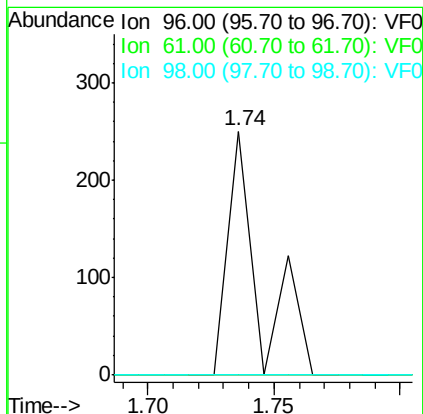
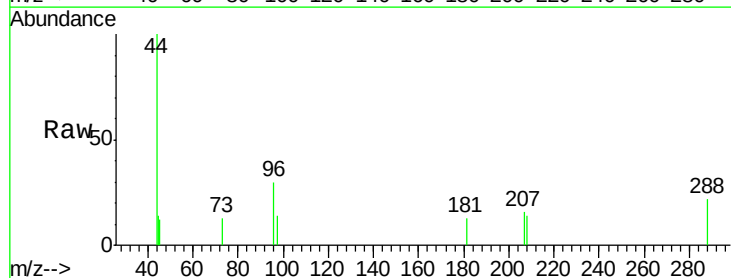
Tot Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

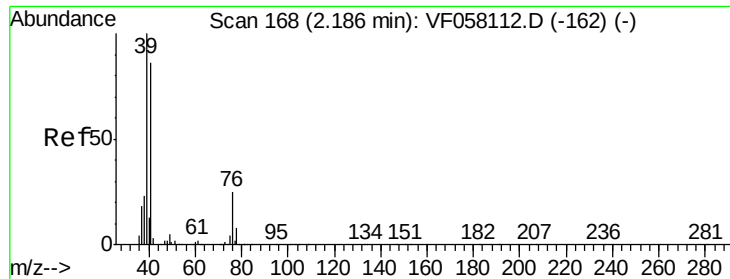


#12

1,1-Dichloroethene
Concen: 332.081 ug/l
RT: 1.74 min Scan# 122
Delta R.T. -0.11 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 96 Resp: 221
Ion Ratio Lower Upper
96 100
61 0.0 203.0 304.4#
98 0.0 52.7 79.1#

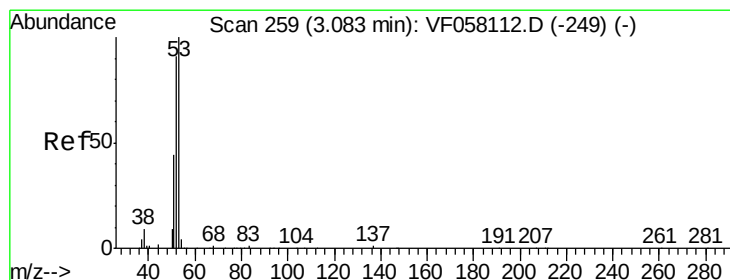
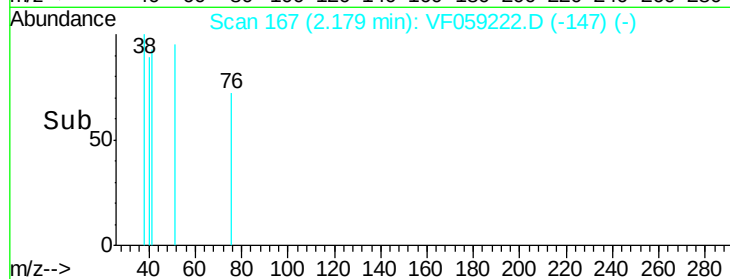
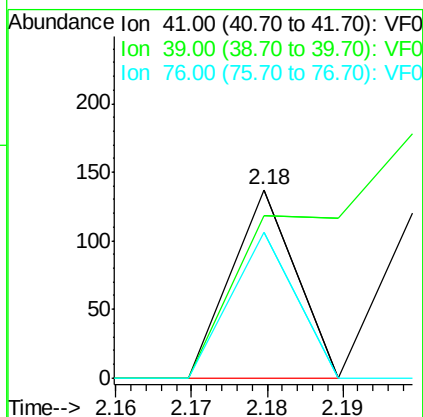
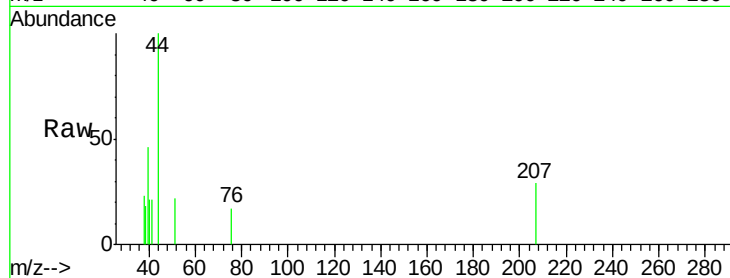




#14
Allvl chloride
Concen: 62.012 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

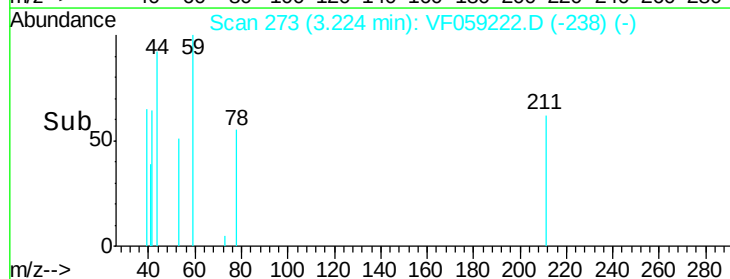
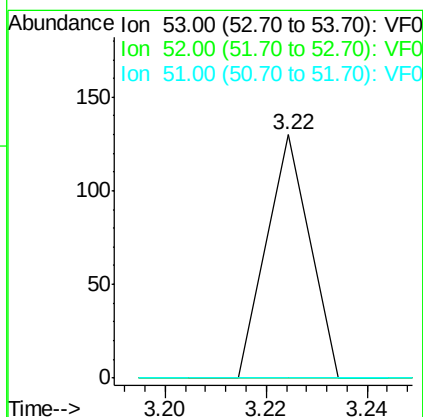
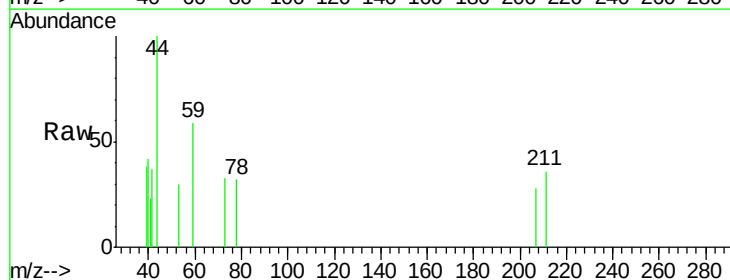
Instrument :
MSVOA_F
ClientSampled :

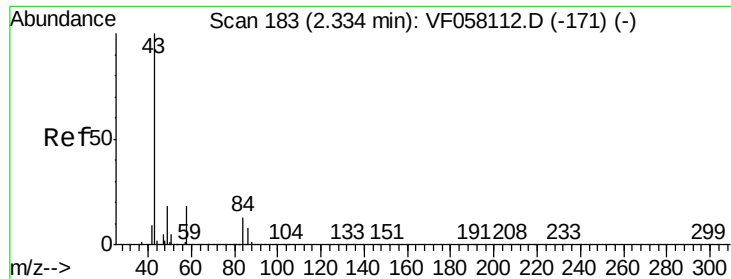
Tot Ion: 41 Resp: 81
Ion Ratio Lower Upper
41 100
39 86.1 93.5 140.3#
76 77.4 23.9 35.9#



#15
Acrylonitrile
Concen: 493.980 ug/l
RT: 3.22 min Scan# 273
Delta R.T. 0.14 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 53 Resp: 77
Ion Ratio Lower Upper
53 100
52 0.0 73.2 109.8#
51 0.0 35.6 53.4#

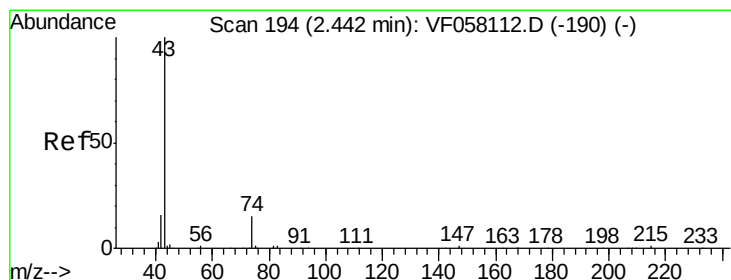
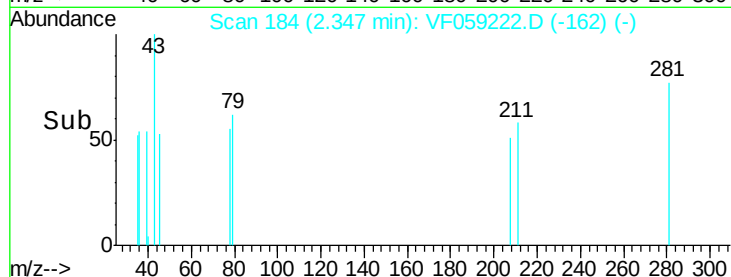
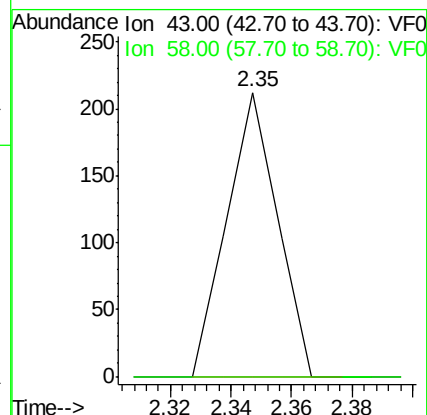
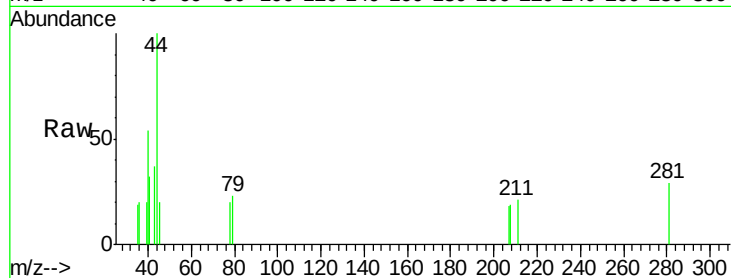




#16
Acetone
Concen: 847.974 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

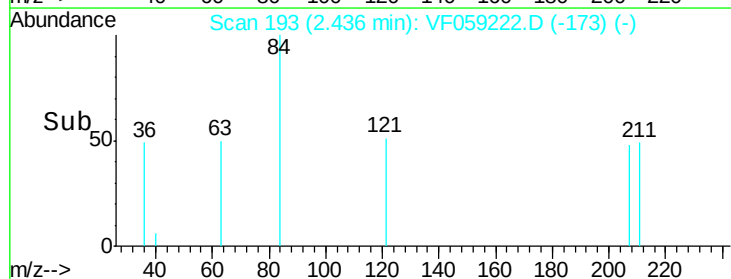
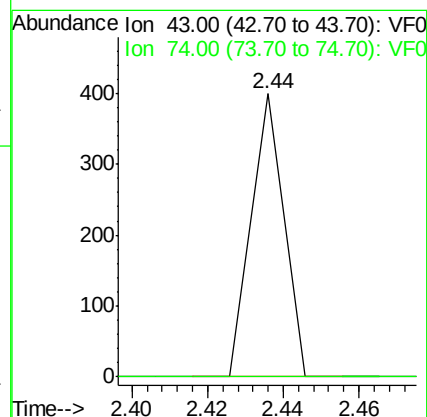
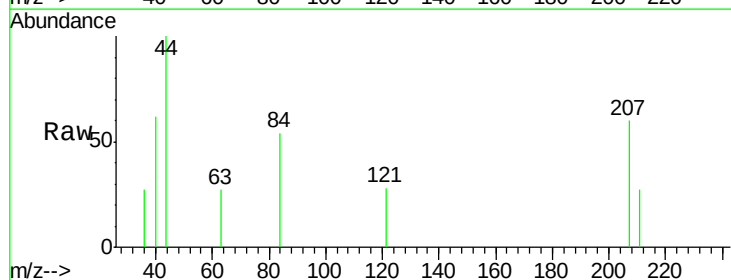
Instrument :
MSVOA_F
ClientSampleId :

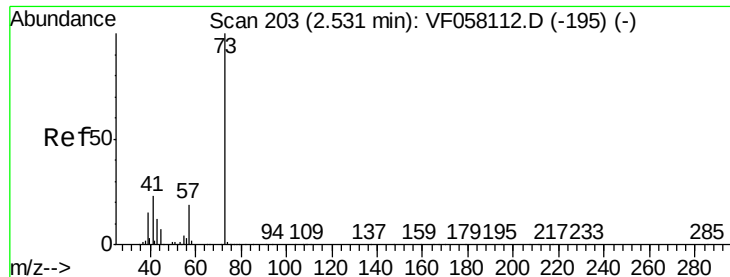
Tot Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
58 0.0 14.4 21.6#



#18
Methyl Acetate
Concen: 469.403 ug/l
RT: 2.44 min Scan# 193
Delta R.T. -0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 43 Resp: 236
Ion Ratio Lower Upper
43 100
74 0.0 10.9 16.3#

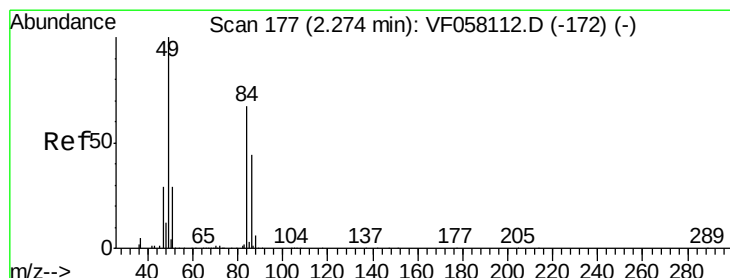
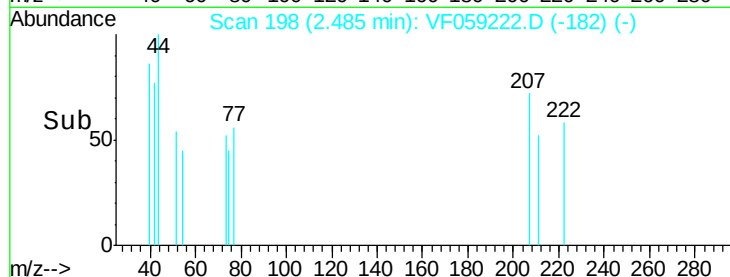
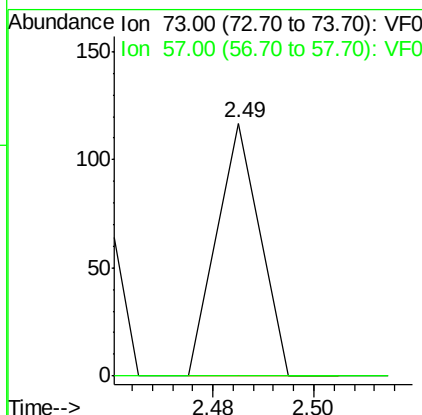
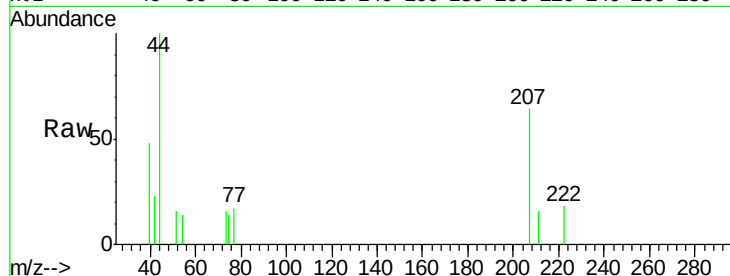




#19
Methyl tert-butyl Ether
Concen: 33.399 ug/l
RT: 2.49 min Scan# 198
Delta R.T. -0.05 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

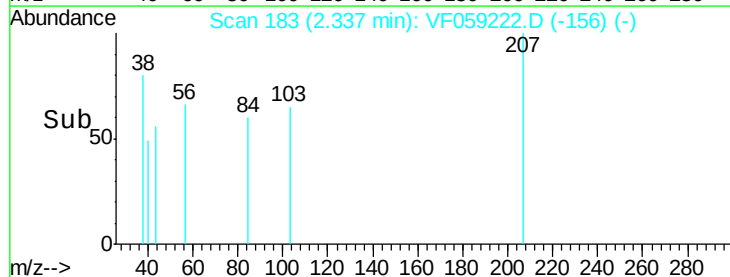
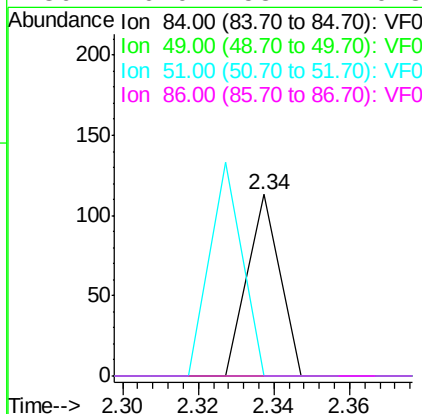
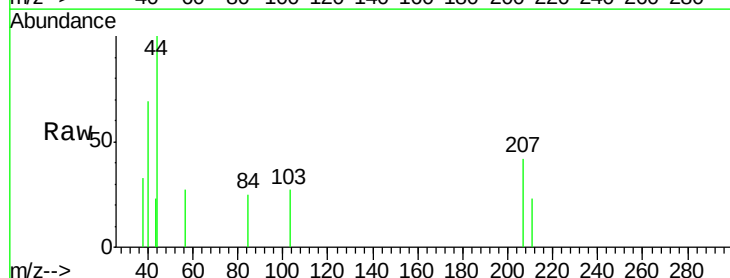
Instrument :
MSVOA_F
ClientSampled :

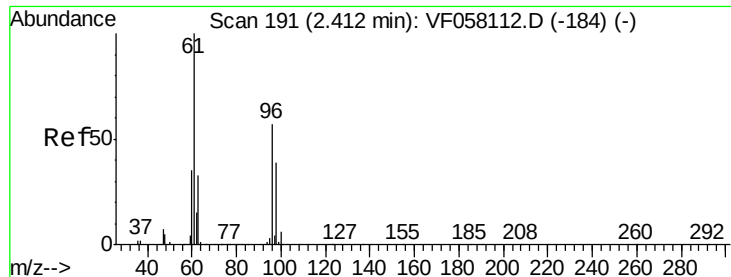
Tot Ion: 73 Resp: 69
Ion Ratio Lower Upper
73 100
57 0.0 15.0 22.4#



#20
Methylene Chloride
Concen: 95.677 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.06 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 84 Resp: 67
Ion Ratio Lower Upper
84 100
49 0.0 121.0 181.4#
51 0.0 35.8 53.6#
86 0.0 53.2 79.8#





#21

trans-1,2-Dichloroethene

Concen: 82.208 ug/l

RT: 2.49 min Scan# 199

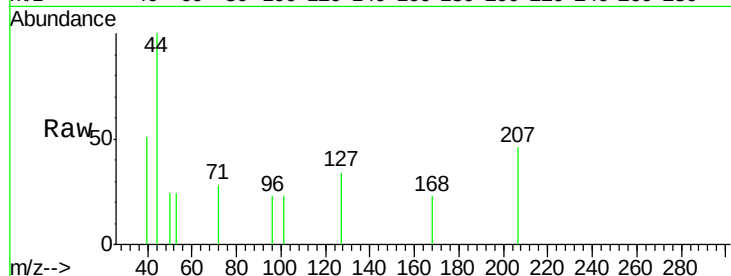
Delta R.T. 0.08 min

Lab File: VF059222.D

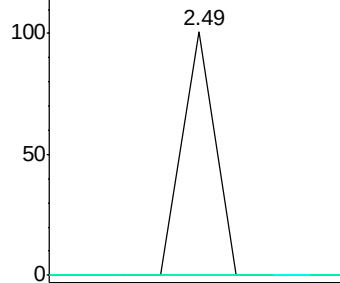
Acq: 20 Jun 2018 8:36

Instrument :
MSVOA_F
ClientSampleId :

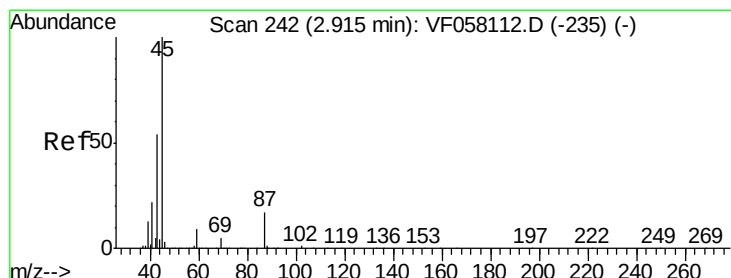
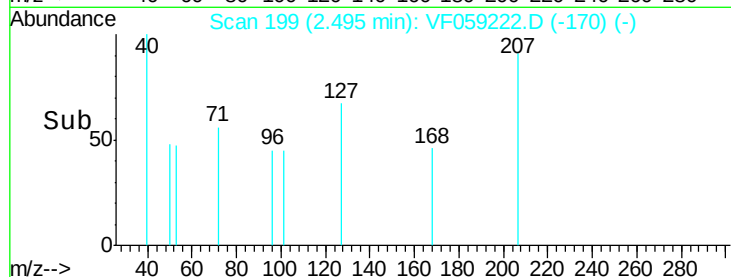
Tot Ion:	96	Resp:	60
Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.4	209.2#
98	0.0	54.0	81.0#



Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



Time-->



#22

Diisopropyl ether

Concen: 24.536 ug/l

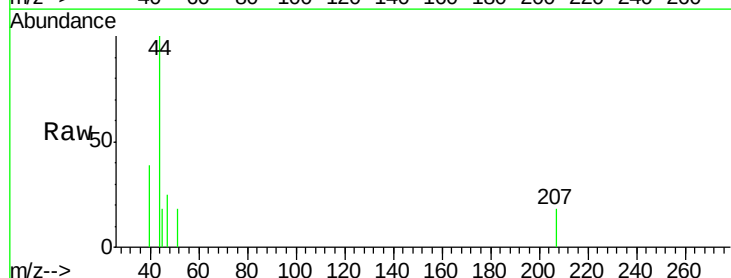
RT: 2.94 min Scan# 244

Delta R.T. 0.02 min

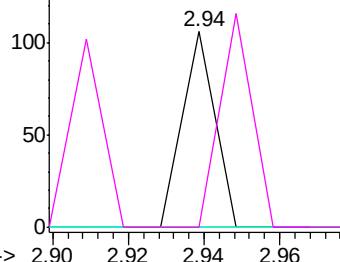
Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

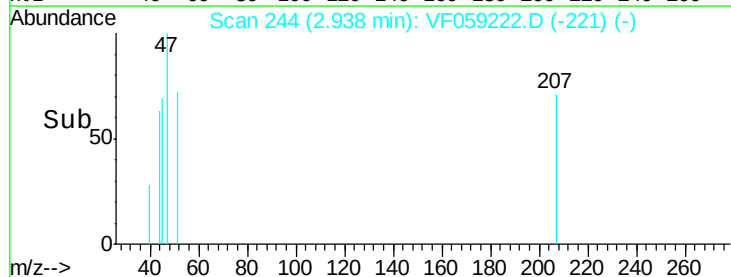
Tgt Ion:	45	Resp:	63
Ion	Ratio	Lower	Upper
45	100		
43	0.0	43.2	64.8#
87	0.0	13.8	20.6#
59	0.0	7.5	11.3#

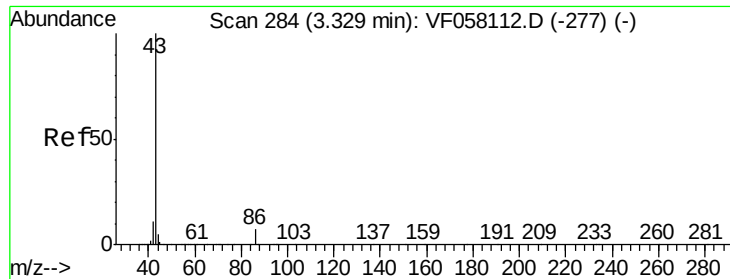


Abundance Ion 45.00 (44.70 to 45.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 87.00 (86.70 to 87.70): VF0
Ion 59.00 (58.70 to 59.70): VF0



Time-->

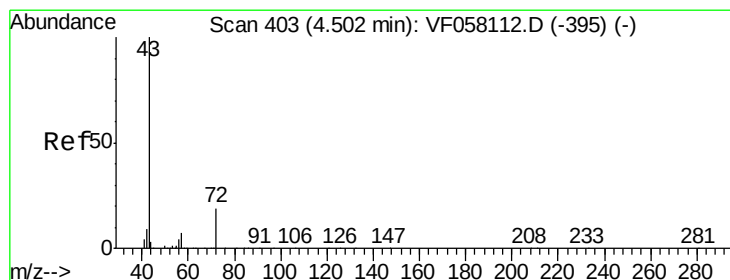
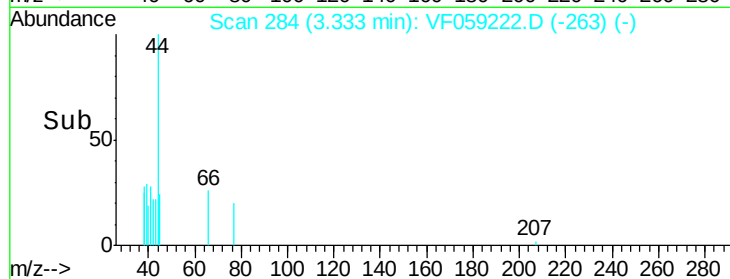
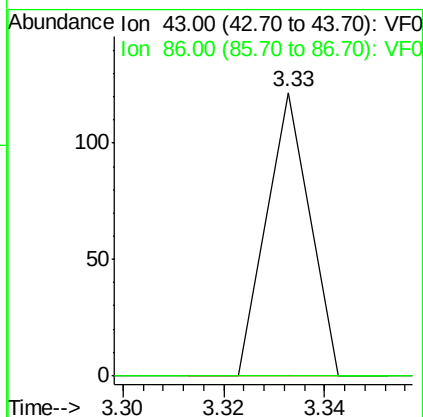
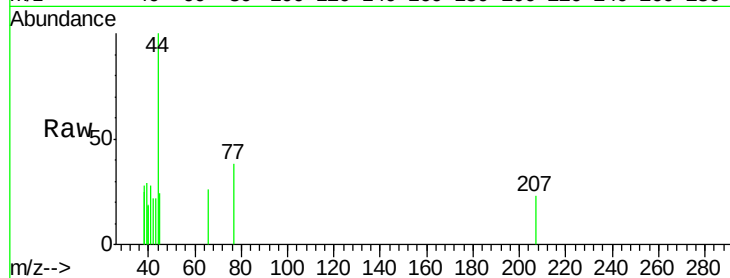




#23
 Vinyl Acetate
 Concen: 42.529 ug/l
 RT: 3.33 min Scan# 284
 Delta R.T. 0.00 min
 Lab File: VF059222.D
 Acq: 20 Jun 2018 8:36

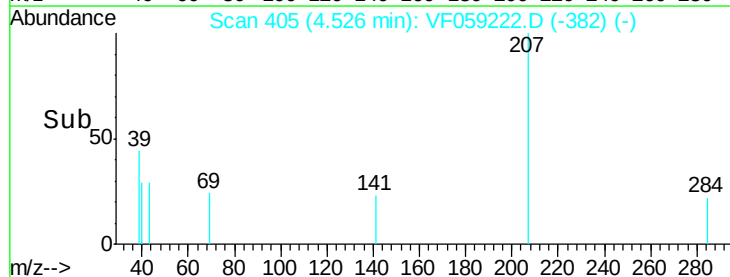
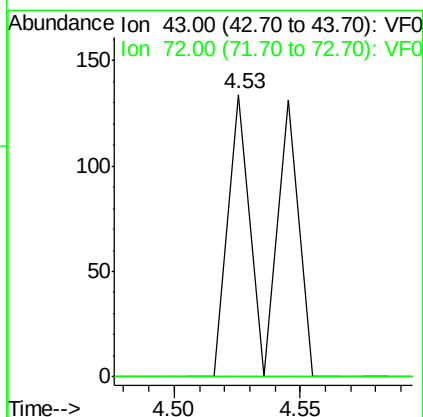
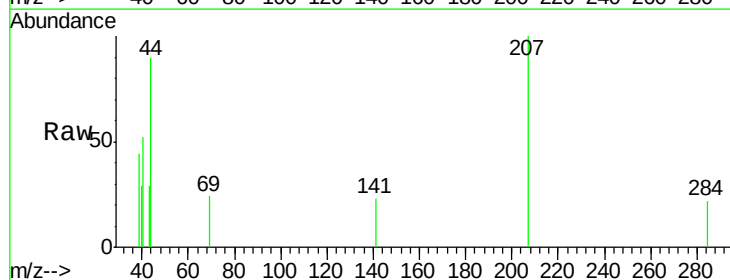
Instrument :
 MSVOA_F
 ClientSampleId :

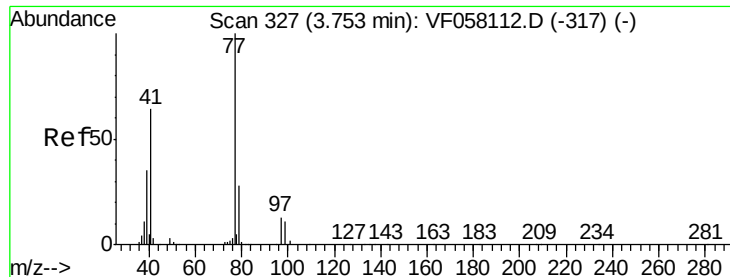
Tot Ion: 43 Resp: 72
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.0 9.0#



#25
 2-Butanone
 Concen: 346.261 ug/l
 RT: 4.53 min Scan# 405
 Delta R.T. 0.02 min
 Lab File: VF059222.D
 Acq: 20 Jun 2018 8:36

Tgt Ion: 43 Resp: 157
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.1 24.1#





#26

2,2-Dichloropropane

Concen: 71.724 ug/l

RT: 3.73 min Scan# 324

Delta R.T. -0.03 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

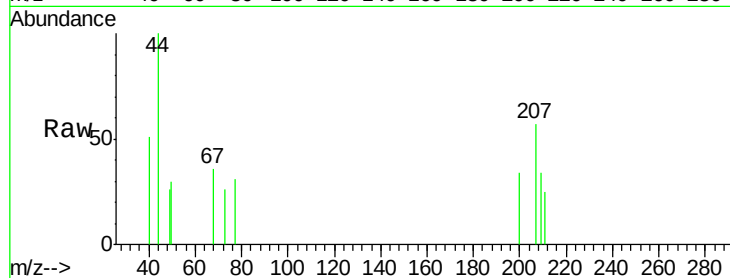
ClientSampled :

Tot Ion: 77 Resp: 81

Ion Ratio Lower Upper

77 100

97 0.0 7.2 21.6#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.73

150

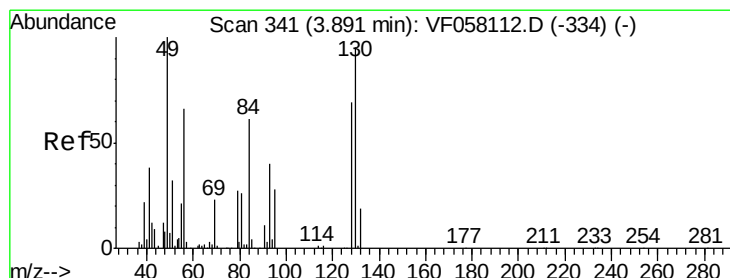
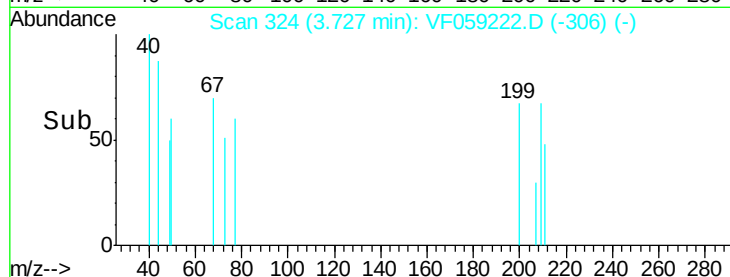
100

50

0

3.70 3.72 3.74 3.76

Time-->



#28

Bromochloromethane

Concen: 128.452 ug/l

RT: 3.87 min Scan# 339

Delta R.T. -0.02 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

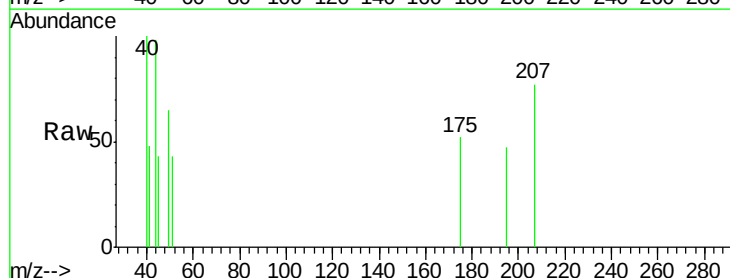
Tgt Ion: 49 Resp: 90

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.0

130 0.0 75.8 113.8#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V

200

150

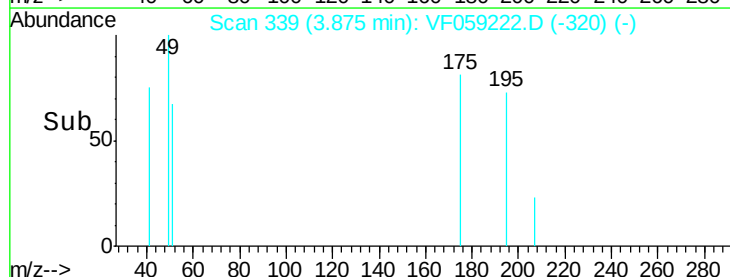
100

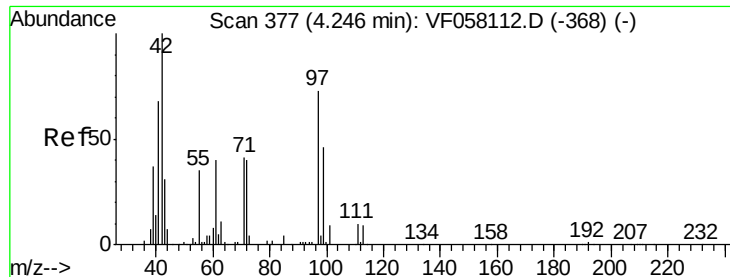
50

0

3.84 3.86 3.88 3.90

Time-->

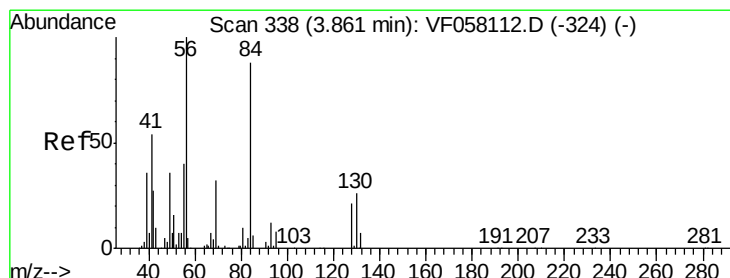
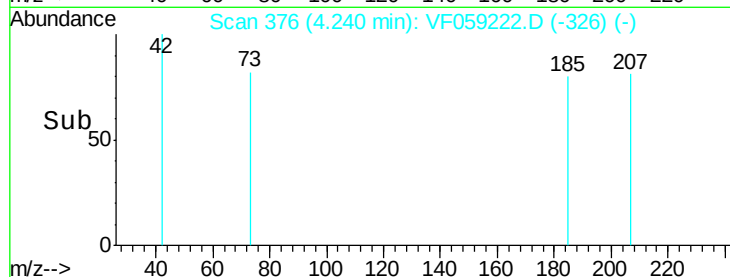
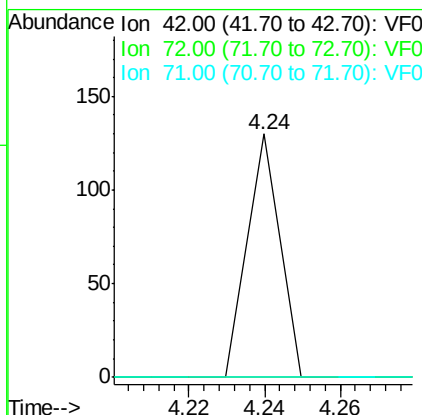
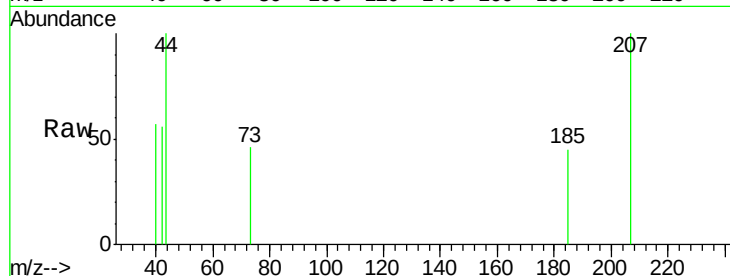




#29
Tetrahydrofuran
Concen: 385.409 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

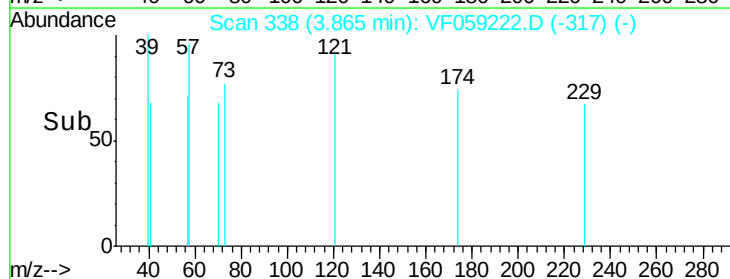
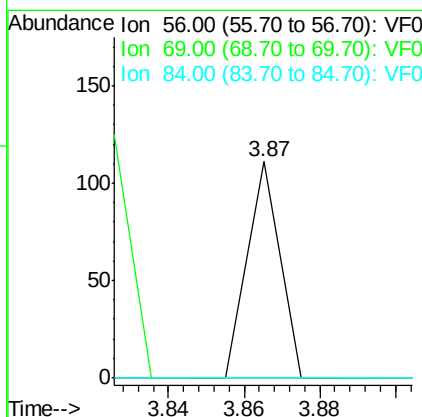
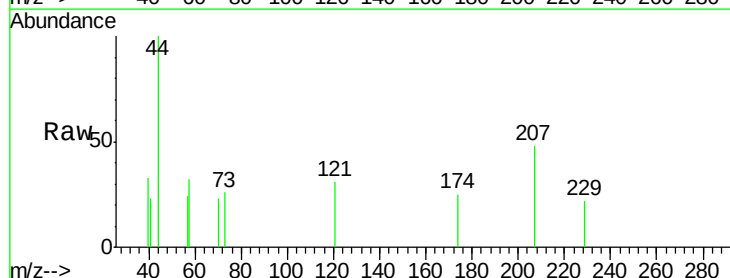
Instrument :
MSVOA_F
ClientSampled :

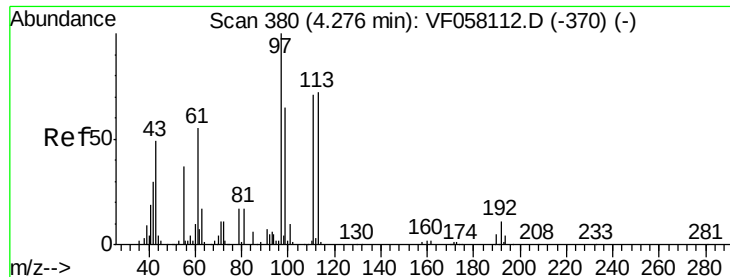
Tot Ion: 42 Resp: 77
Ion Ratio Lower Upper
42 100
72 0.0 30.5 45.7#
71 0.0 31.5 47.3#



#31
Cyclohexane
Concen: 48.535 ug/l
RT: 3.87 min Scan# 338
Delta R.T. 0.00 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
69 0.0 25.9 38.9#
84 0.0 70.3 105.5#





#32

1,1,1-Trichloroethane

Concen: 39.700 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.04 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

ClientSampleId :

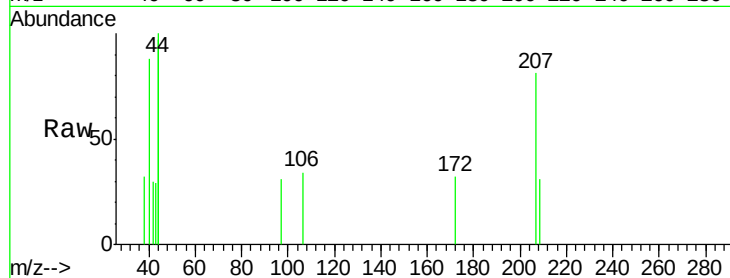
Tot Ion: 97 Resp: 66

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

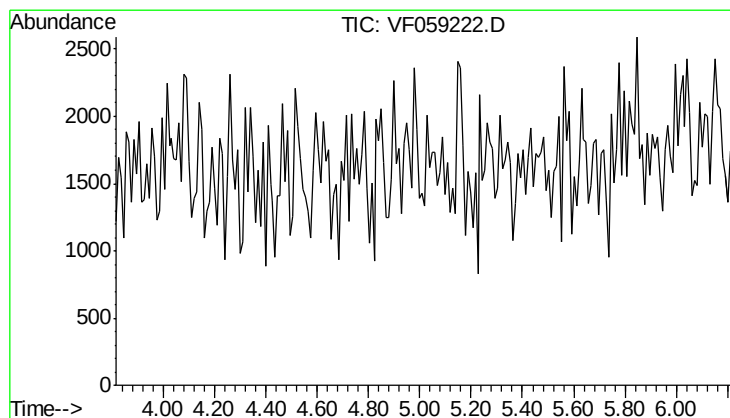
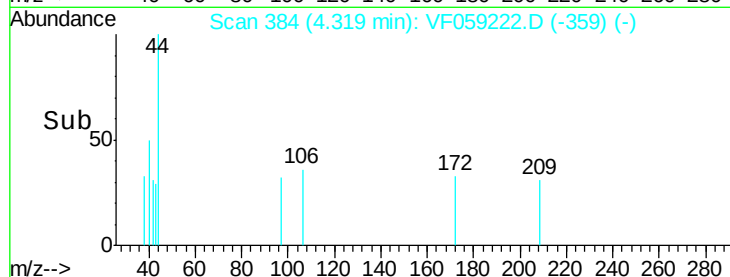
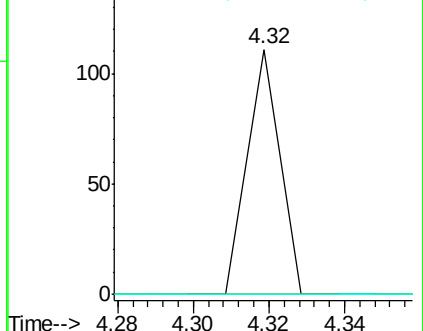
61 0.0 44.3 66.5#



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.01 min

Lab File: VF059222.D

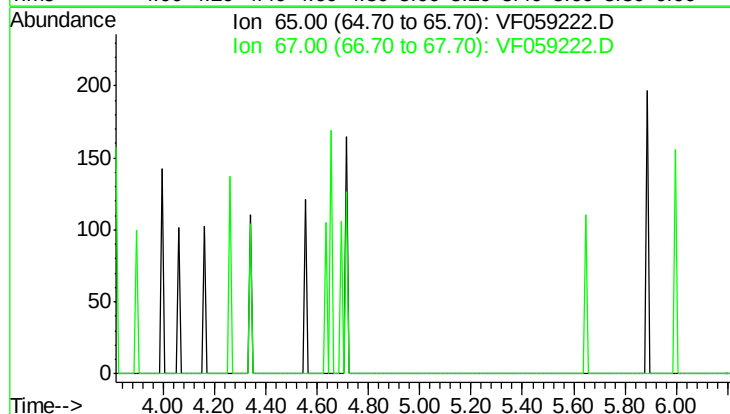
Acq: 20 Jun 2018 8:36

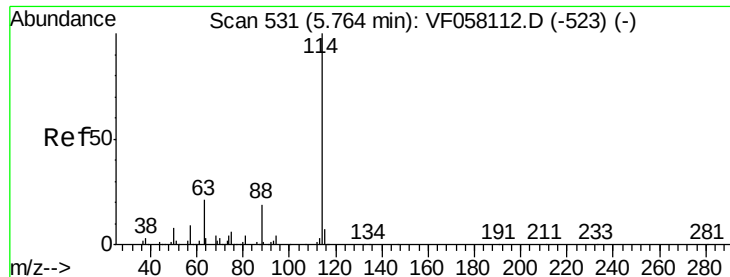
Tgt Ion: 65

Sig Exp Ratio

65 100

67 48.5

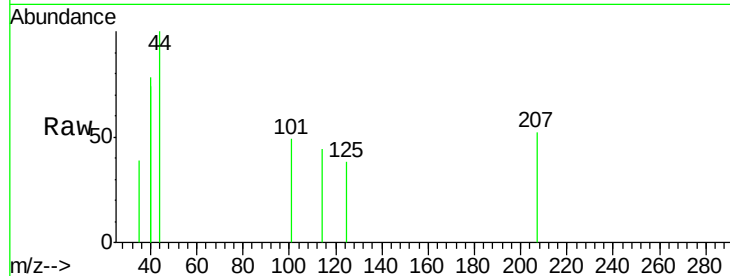




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Instrument :
MSVOA_F
ClientSampleId :

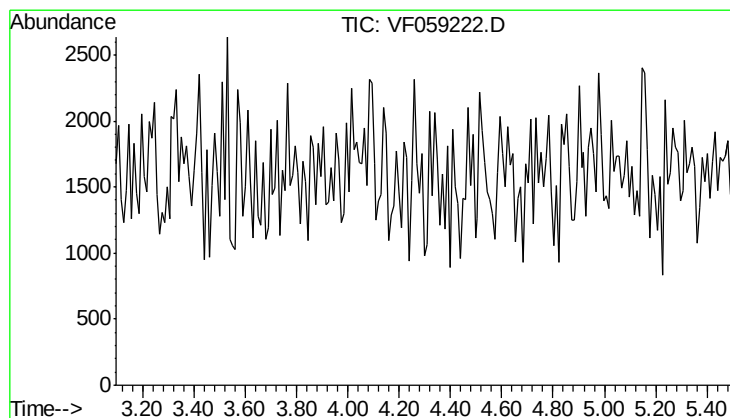
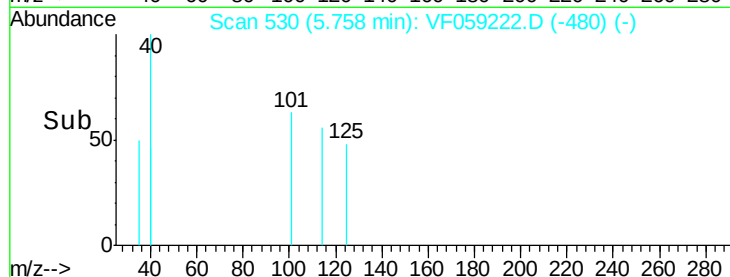
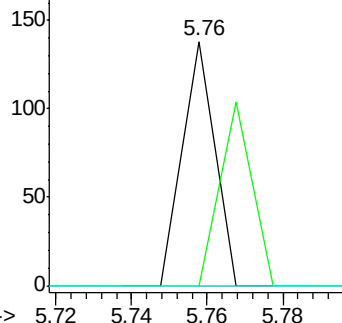
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	41.6
88	0.0	0.0	38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

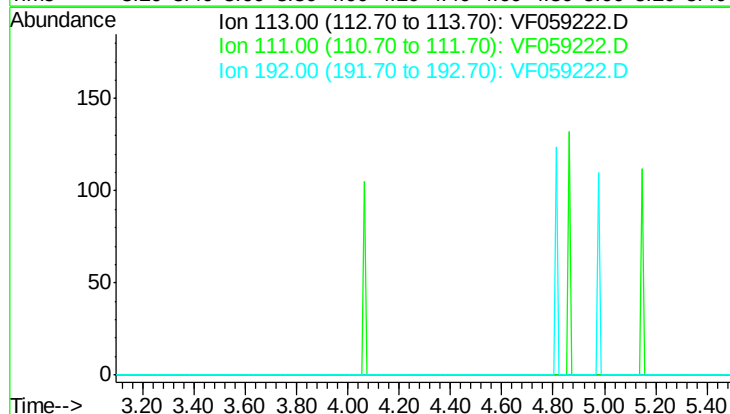
Ion 88.00 (87.70 to 88.70): VF0

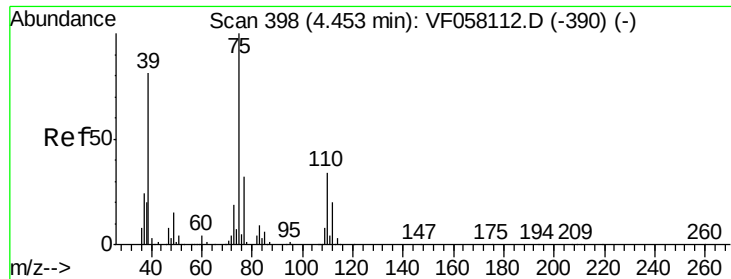


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.30 min

Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion	Exp Ratio
113	100
111	101.6
192	15.9

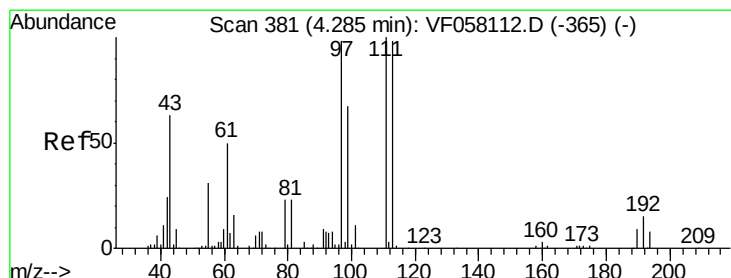
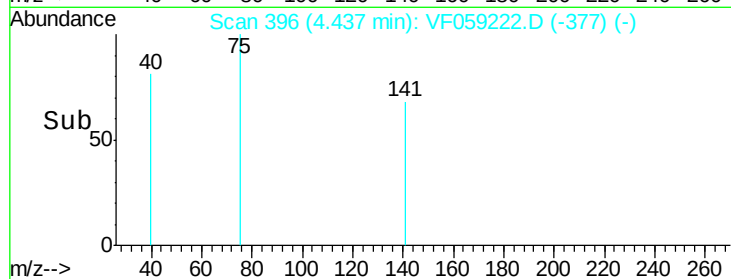
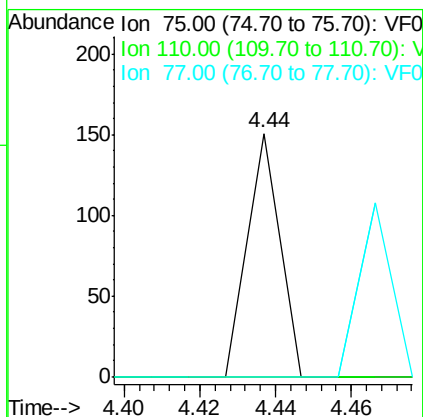
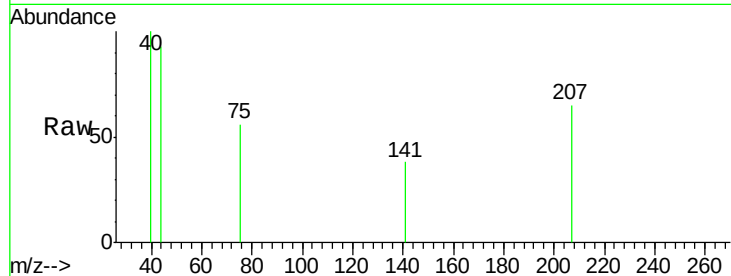




#36
 1,1-Dichloropropene
 Concen: 111.975 ug/l
 RT: 4.44 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: VF059222.D
 Acq: 20 Jun 2018 8:36

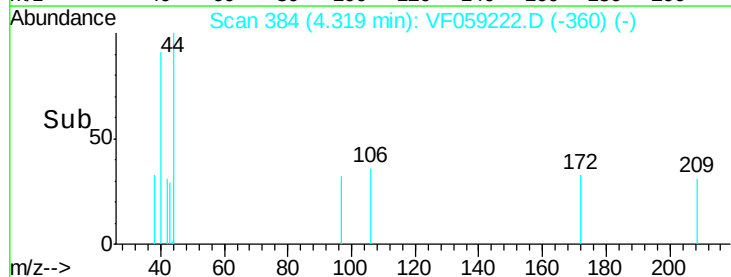
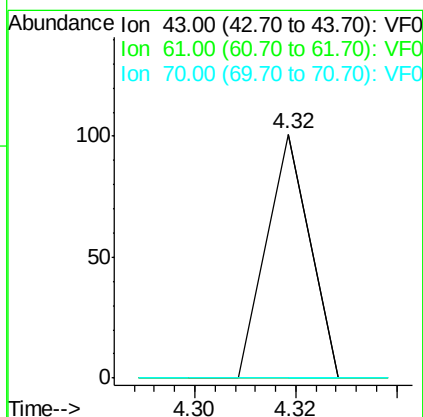
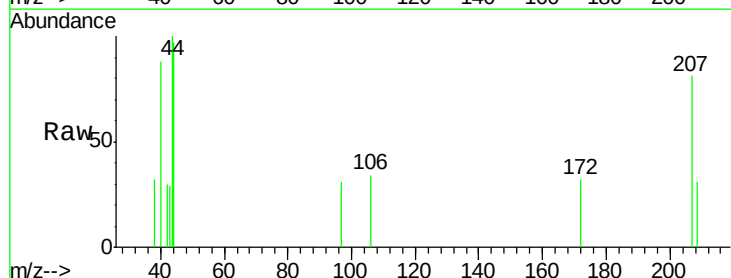
Instrument :
 MSVOA_F
 ClientSampled :

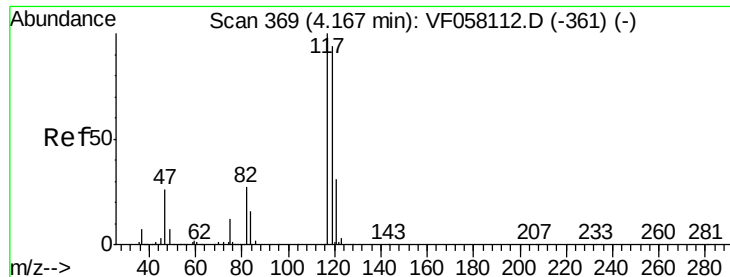
Tot Ion: 75 Resp: 89
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 122.173 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.03 min
 Lab File: VF059222.D
 Acq: 20 Jun 2018 8:36

Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 61 0.0 63.0 94.4#
 70 0.0 7.5 11.3#





#38

Carbon Tetrachloride

Concen: 73.136 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.11 min

Lab File: VF059222.D

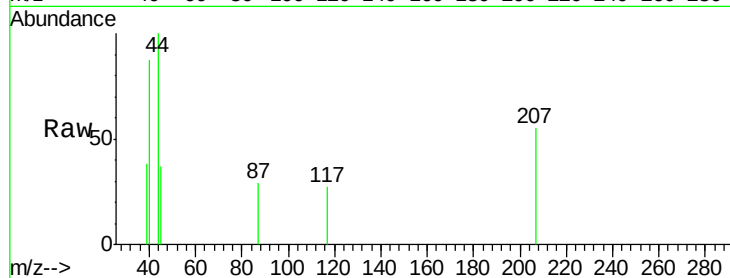
Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

ClientSampleId :

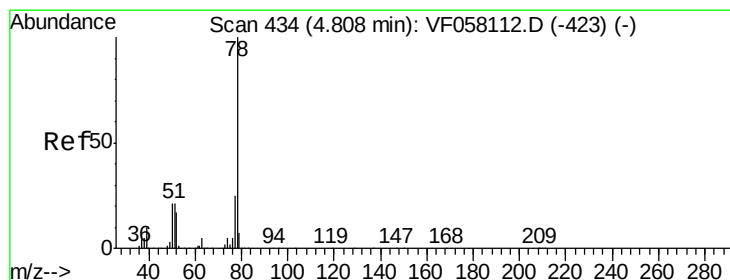
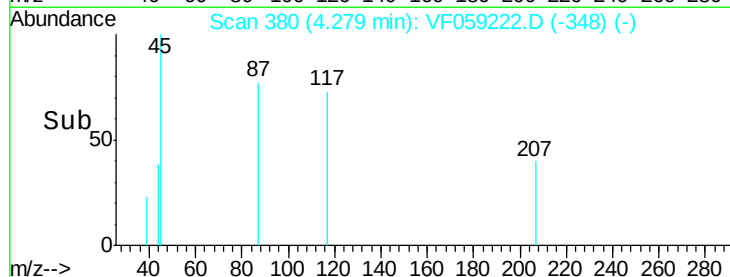
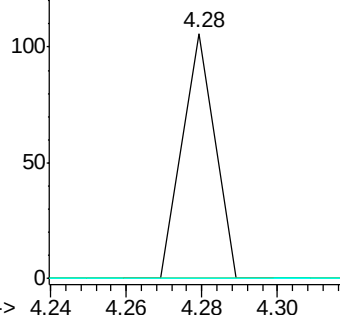
Tot Ion:	117	Resp:	63
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	24.8	37.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#40

Benzene

Concen: 39.027 ug/l

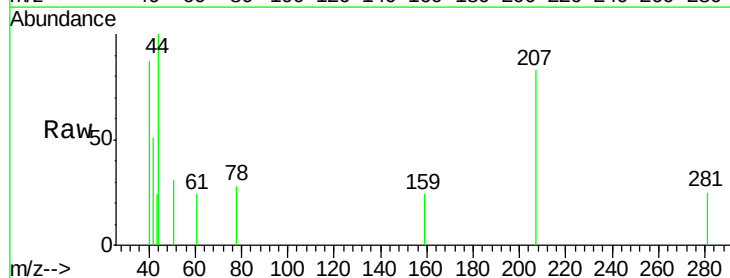
RT: 4.85 min Scan# 438

Delta R.T. 0.04 min

Lab File: VF059222.D

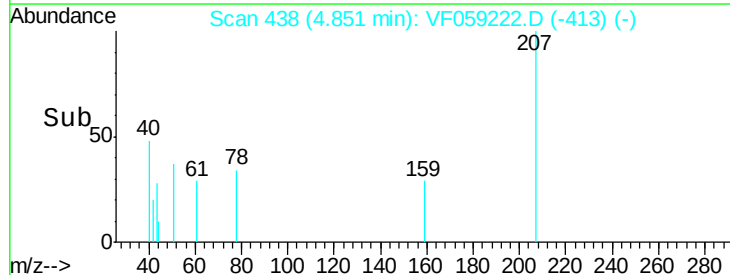
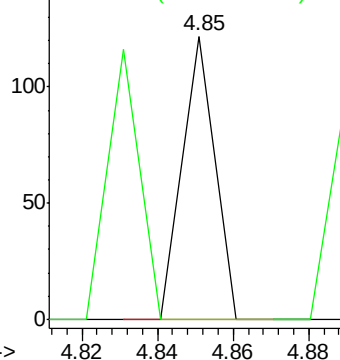
Acq: 20 Jun 2018 8:36

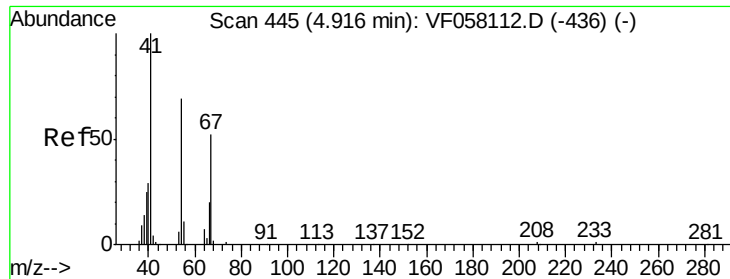
Tgt Ion:	78	Resp:	72
Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.2	30.2#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

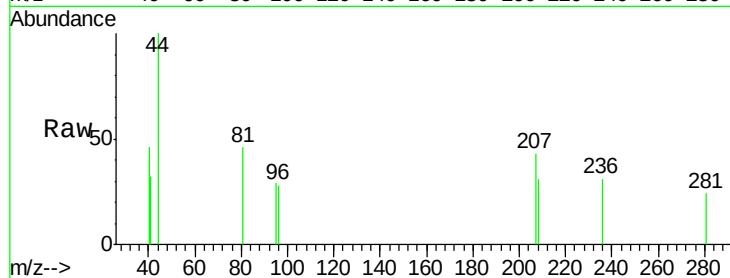




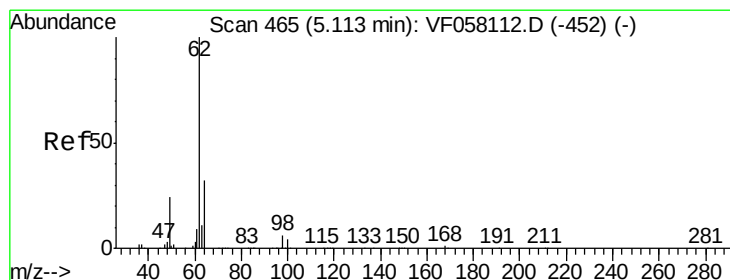
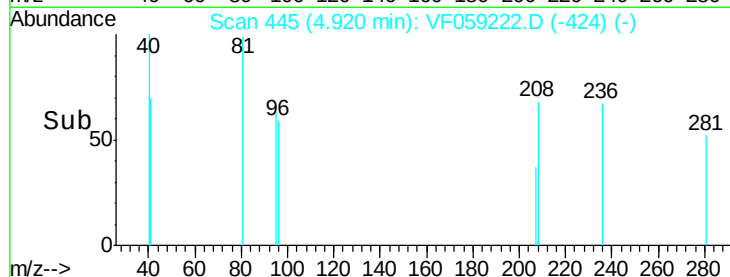
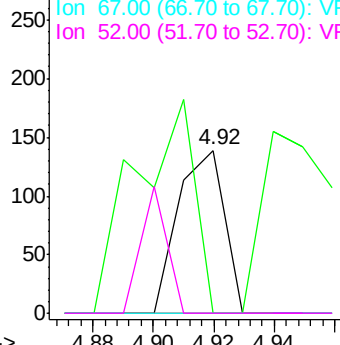
#41
Methacrylonitrile
Concen: 621.691 ug/l
RT: 4.92 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	41	Resp:	150
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.4#
67	0.0	41.0	61.6#
52	0.0	36.8	55.2#

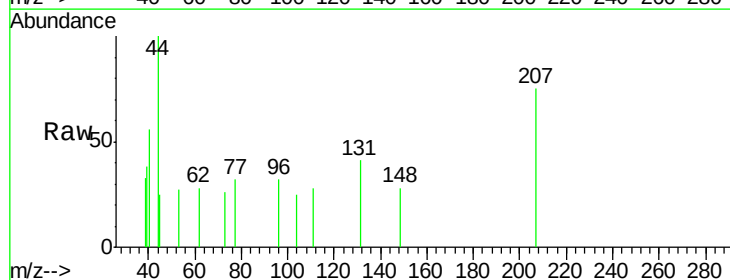


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

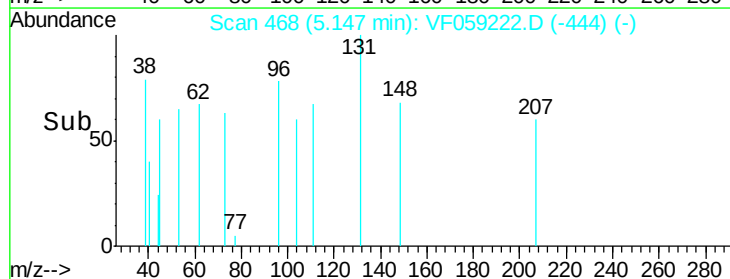
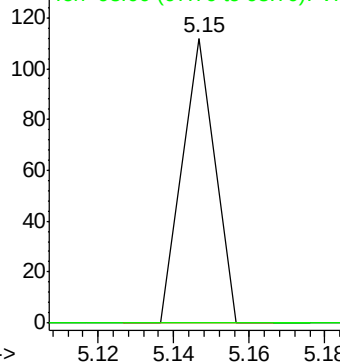


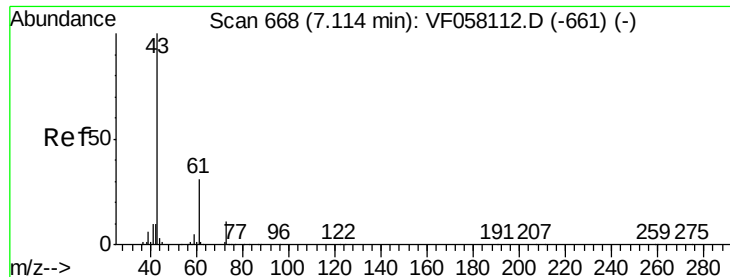
#42
1,2-Dichloroethane
Concen: 79.766 ug/l
RT: 5.15 min Scan# 468
Delta R.T. 0.03 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion:	62	Resp:	66
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	11.8



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 267.591 ug/l

RT: 7.14 min Scan# 670

Delta R.T. 0.02 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

ClientSampleId :

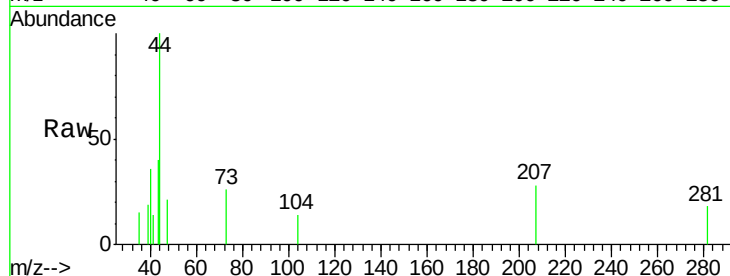
Tot Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

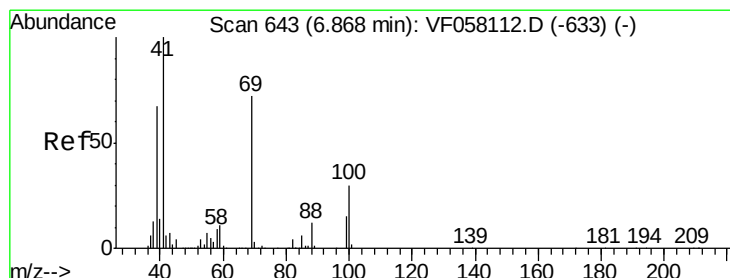
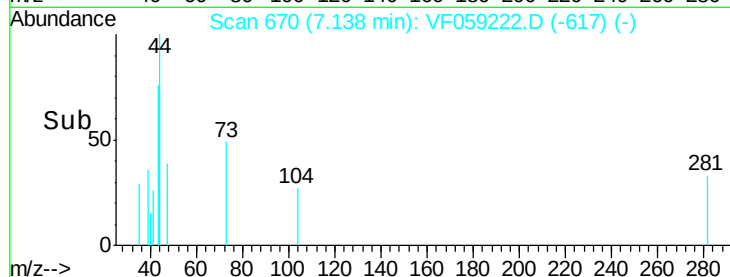
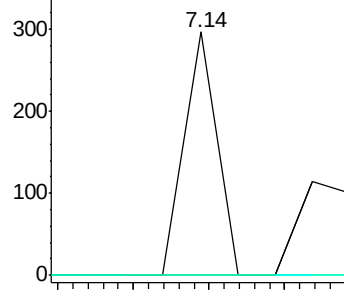
87 0.0 0.2 0.4#



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



#48

Methyl methacrylate

Concen: 537.662 ug/l

RT: 6.84 min Scan# 640

Delta R.T. -0.03 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

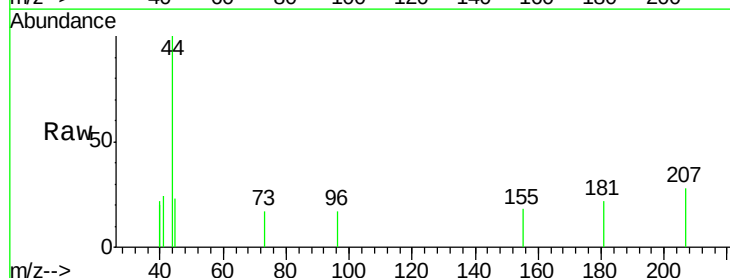
Tgt Ion: 41 Resp: 218

Ion Ratio Lower Upper

41 100

69 0.0 57.2 85.8#

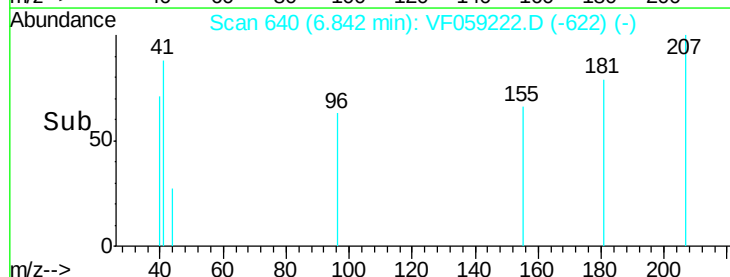
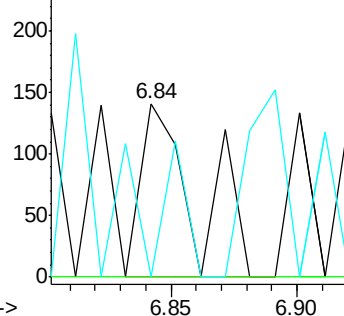
39 81.6 54.3 81.5#

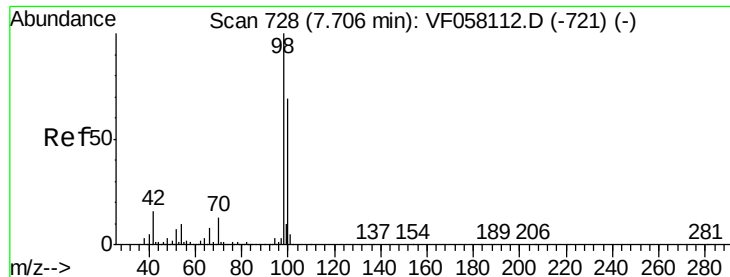


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#50

Toluene-d8

Concen: 86.965 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

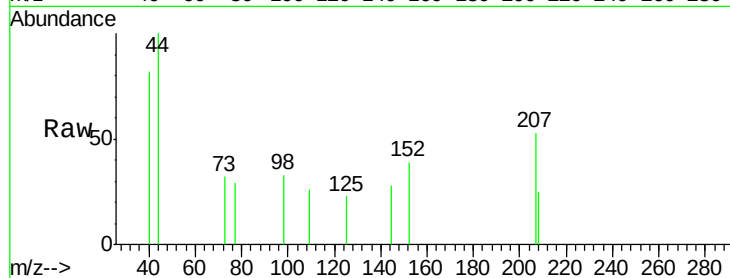
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 98 Resp: 147

Ion Ratio Lower Upper

98 100

100 0.0 55.6 83.4#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.71

150

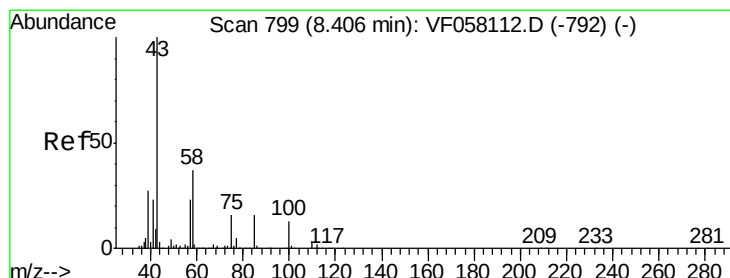
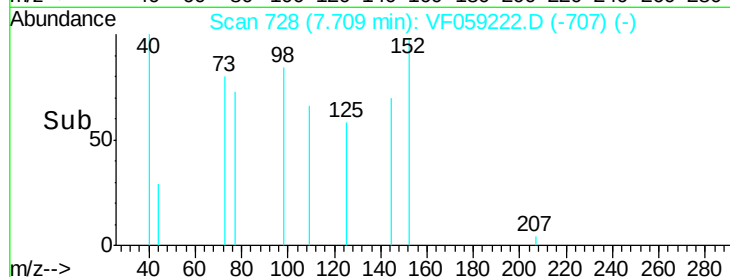
100

50

0

7.68 7.70 7.72 7.74

Time-->



#51

4-Methyl-2-Pentanone

Concen: 372.673 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF059222.D

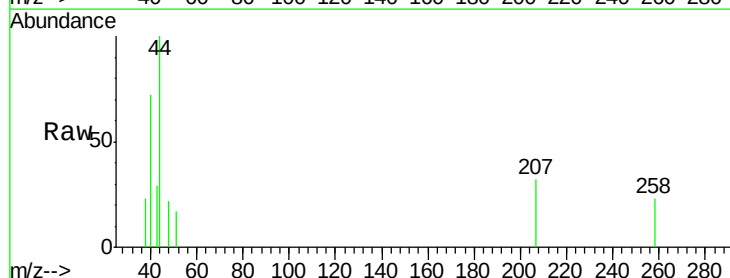
Acq: 20 Jun 2018 8:36

Tgt Ion: 43 Resp: 168

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

250

200

150

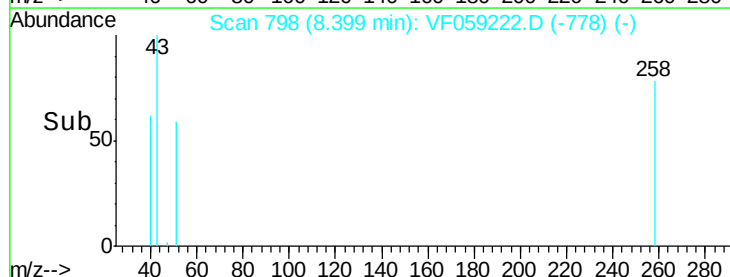
100

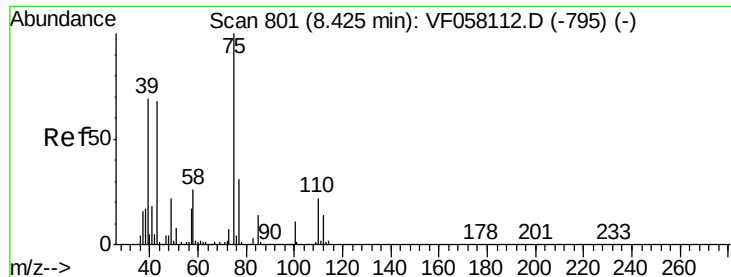
50

0

8.36 8.38 8.40 8.42

Time-->





#53

t-1,3-Dichloropropene

Concen: 69.179 ug/l

RT: 8.32 min Scan# 790

Delta R.T. -0.10 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

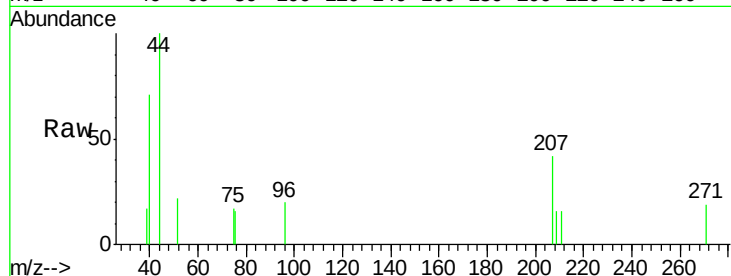
ClientSampled :

Tot Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.32

100

80

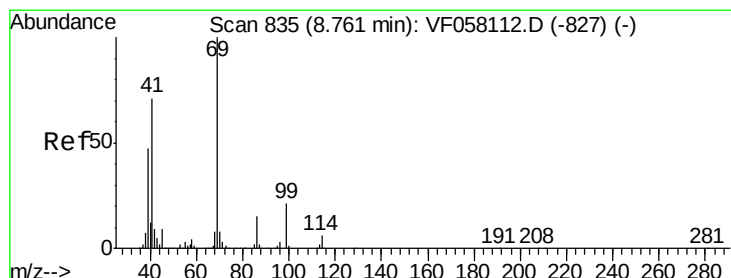
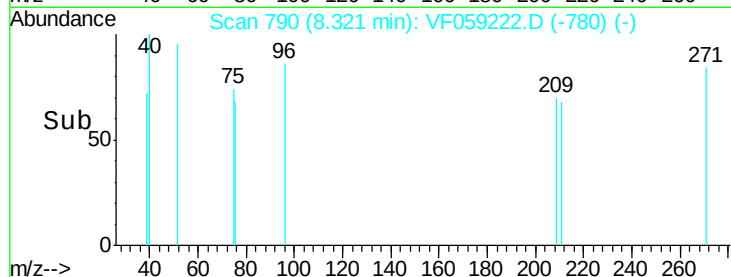
60

40

20

0

Time-->



#56

Ethyl methacrylate

Concen: 121.920 ug/l

RT: 8.80 min Scan# 839

Delta R.T. 0.04 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

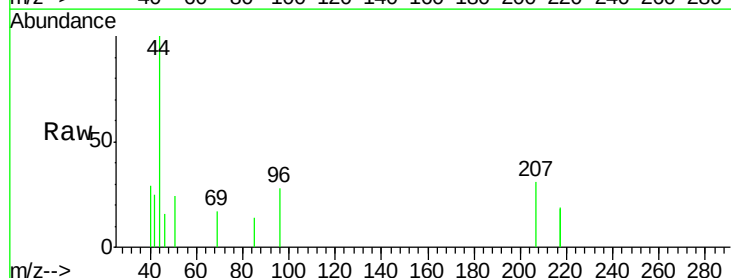
Tgt Ion: 69 Resp: 74

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

39 0.0 38.0 57.0#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

300

250

200

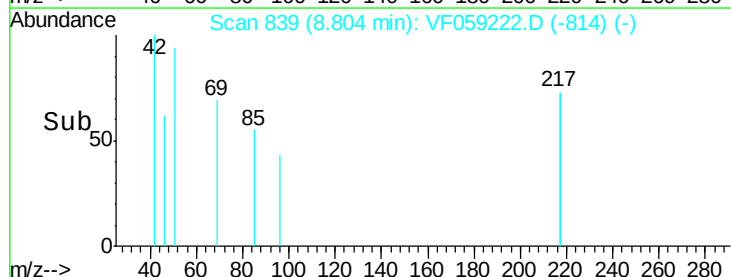
150

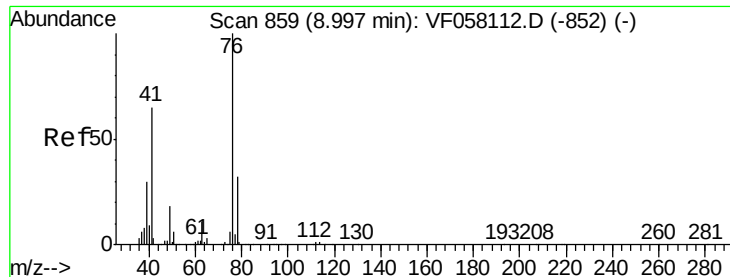
100

50

0

Time-->





#57

1,3-Dichloropropane

Concen: 155.397 ug/l

RT: 8.92 min Scan# 851

Delta R.T. -0.08 min

Lab File: VF059222.D

Acq: 20 Jun 2018 8:36

Instrument :

MSVOA_F

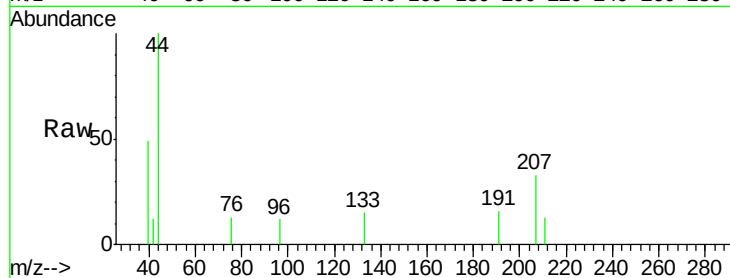
ClientSampleId :

Tot Ion: 76 Resp: 128

Ion Ratio Lower Upper

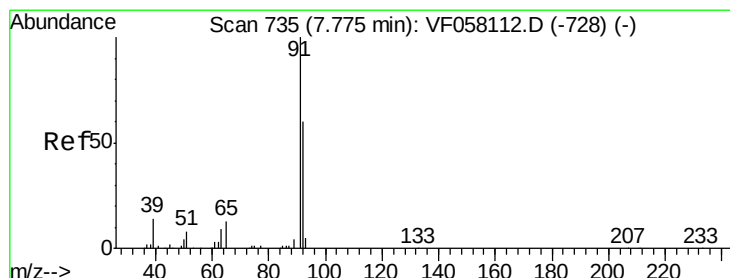
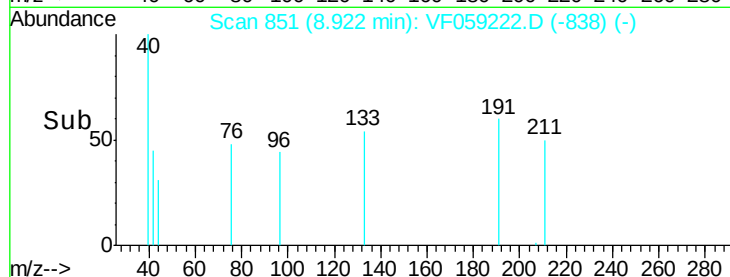
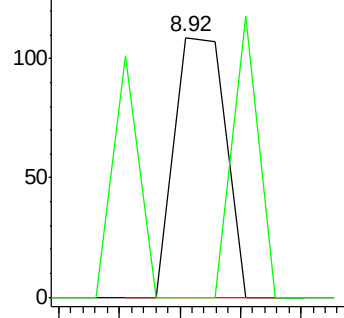
76 100

78 0.0 25.8 38.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 1359.450 ug/l

RT: 7.76 min Scan# 733

Delta R.T. -0.02 min

Lab File: VF059222.D

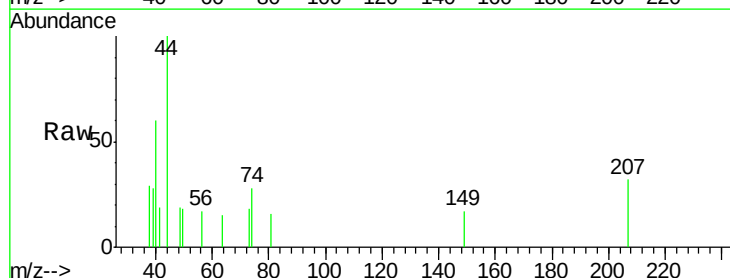
Acq: 20 Jun 2018 8:36

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

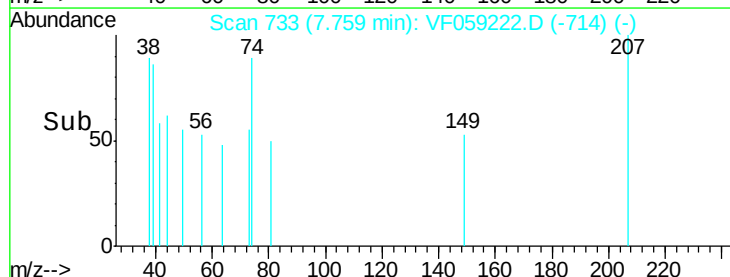
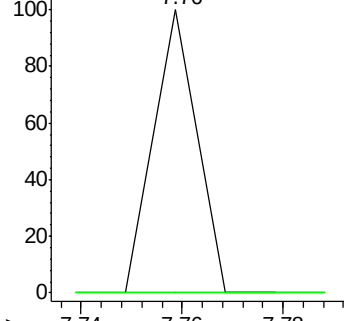
63 100

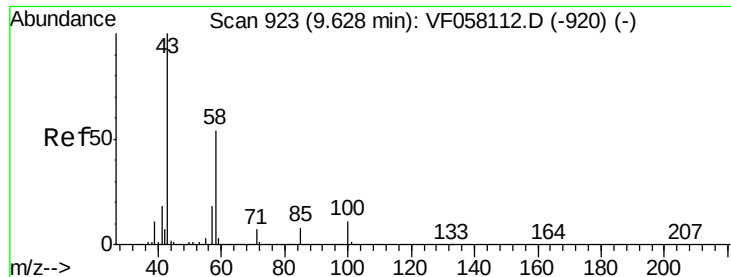
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

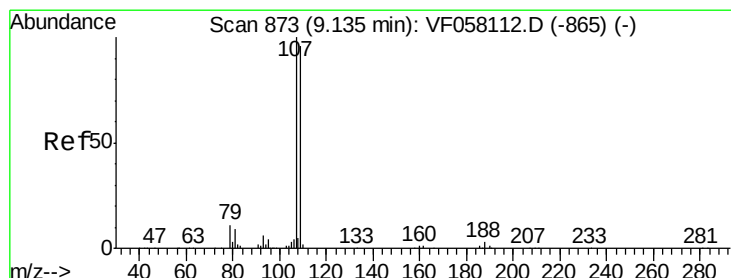
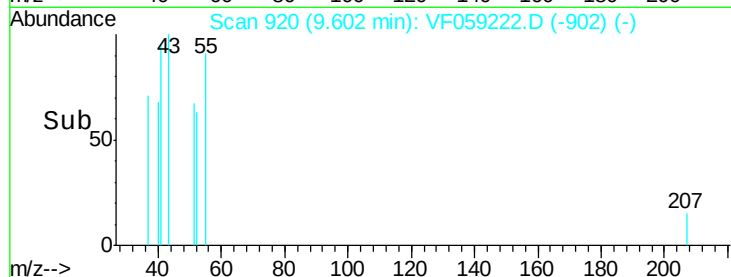
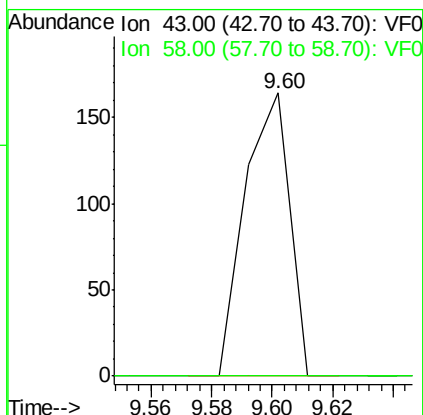
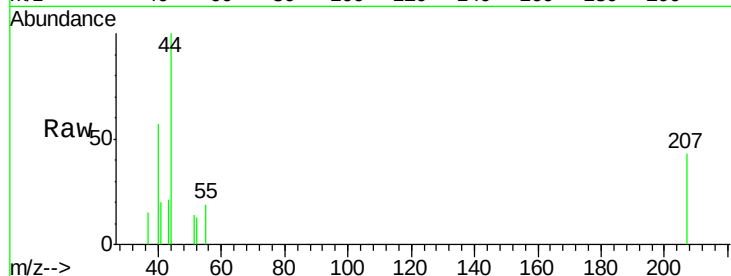




#59
2-Hexanone
Concen: 476.753 ug/l
RT: 9.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

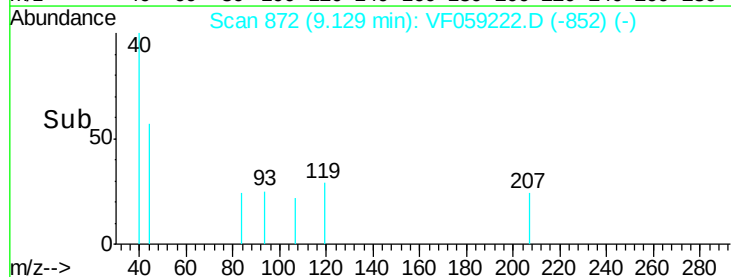
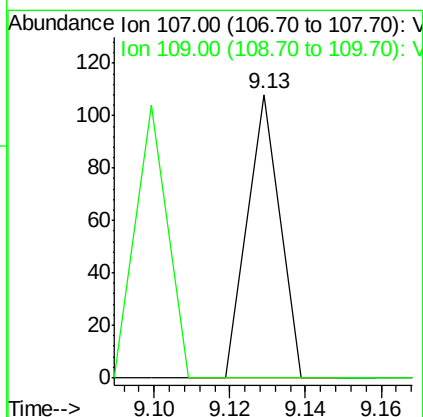
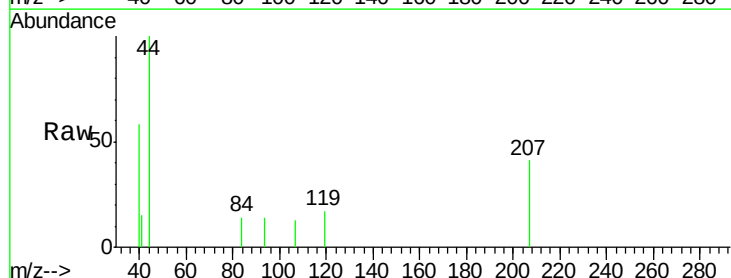
Instrument :
MSVOA_F
ClientSampleId :

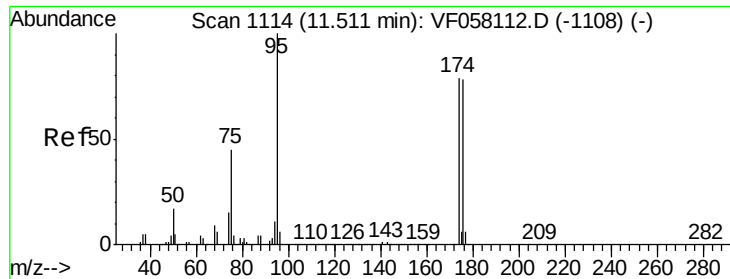
Tot Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#



#61
1,2-Dibromoethane
Concen: 114.386 ug/l
RT: 9.13 min Scan# 872
Delta R.T. -0.01 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 107 Resp: 64
Ion Ratio Lower Upper
107 100
109 0.0 76.6 115.0#

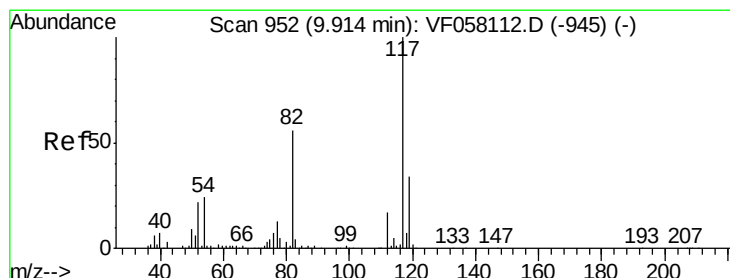
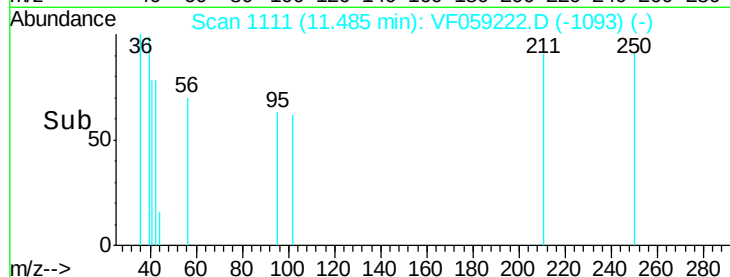
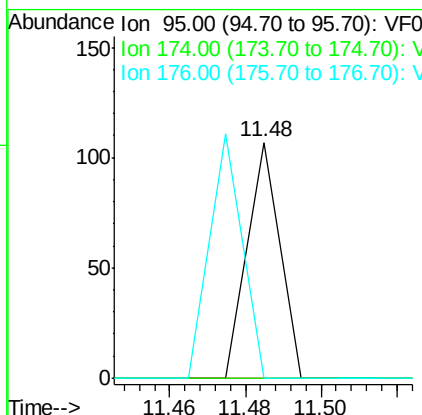
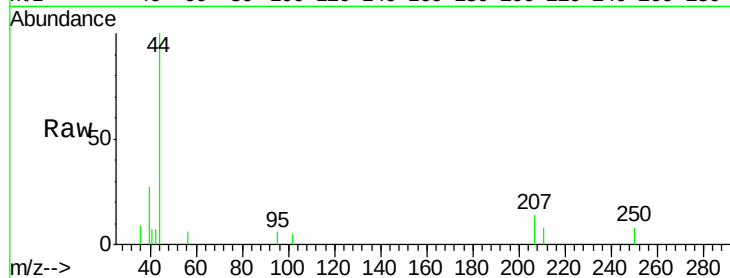




#62
4-Bromofluorobenzene
Concen: 72.666 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

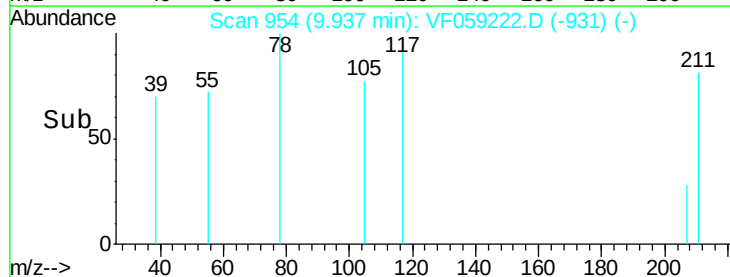
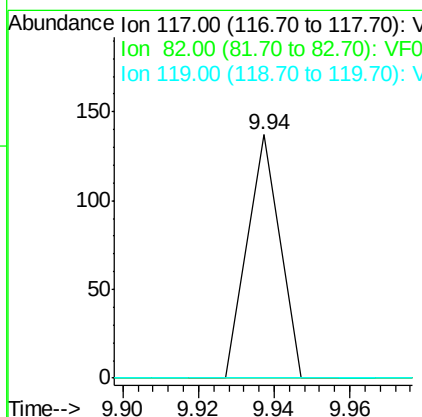
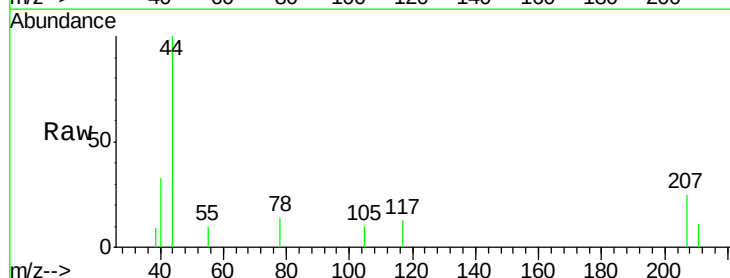
Instrument :
MSVOA_F
ClientSampled :

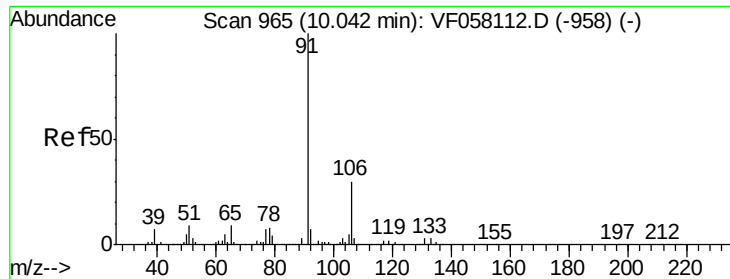
Tot Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	157.8
176	0.0	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.02 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.2	67.8#
119	0.0	27.5	41.3#

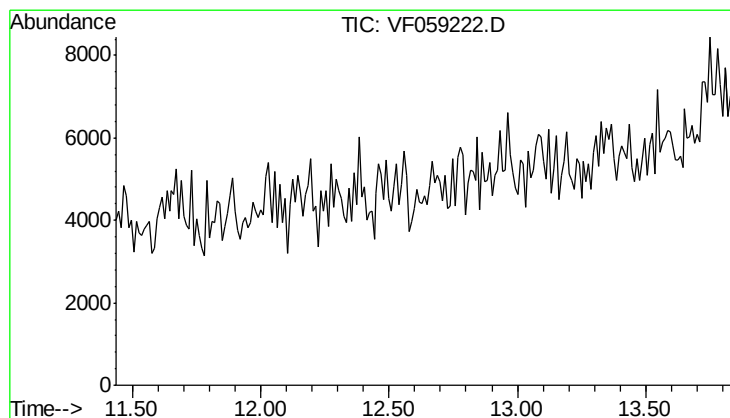
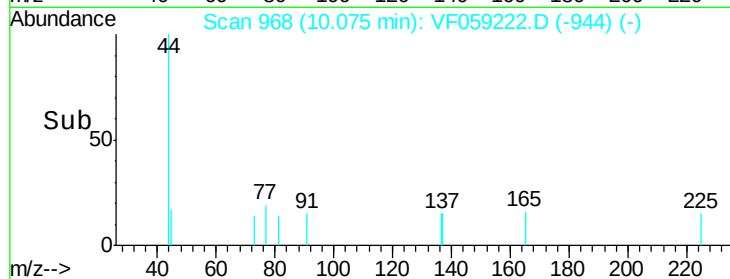
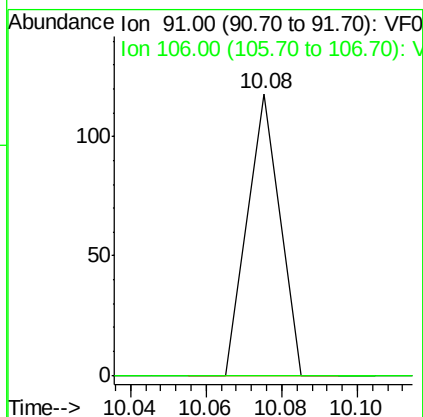
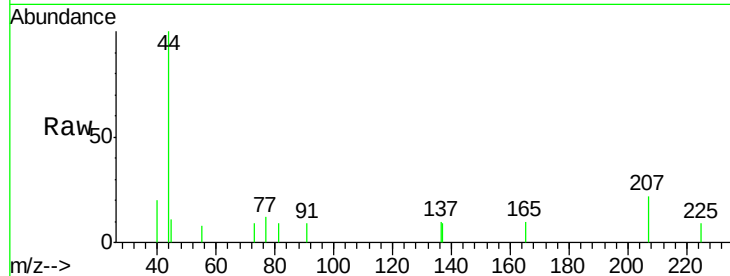




#67
Ethyl Benzene
Concen: 25.116 ug/l
RT: 10.08 min Scan# 968
Delta R.T. 0.03 min
Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 91 Resp: 70
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VF059222.D
Acq: 20 Jun 2018 8:36

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.0
150 161.9

