

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060449.D
 Acq On : 4 Oct 2018 21:23
 Operator : VA/AP
 Sample : J5206-02
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-1A

Quant Time: Oct 05 01:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.01
34) 1,4-Difluorobenzene	5.76	114	167	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.95	117	59	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	248	0.00	ug/l	0.05
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	4.30	113	124	79.04	ug/l	0.04
Spiked Amount	50.000		Recovery	=	158.08%	
50) Toluene-d8	7.70	98	60	15.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	31.06%	
62) 4-Bromofluorobenzene	11.49	95	73	41.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.76%	

Target Compounds

						Qvalue
36) 1,1-Dichloropropene	4.39	75	99	48.082	ug/l #	45
37) Ethyl Acetate	4.31	43	590	748.289	ug/l #	1
38) Carbon Tetrachloride	4.12	117	114	45.486	ug/l #	13
39) Methylcyclohexane	5.52	83	101	50.037	ug/l #	10
40) Benzene	4.75	78	88	21.529	ug/l #	51
41) Methacrylonitrile	4.91	41	61	145.912	ug/l #	20
42) 1,2-Dichloroethane	4.97	62	61	31.282	ug/l	83
43) Isopropyl Acetate	7.12	43	206	216.195	ug/l #	44
44) Trichloroethene	5.67	130	71	54.136	ug/l	1
45) 1,2-Dichloropropane	6.37	63	64	58.795	ug/l #	46
46) Dibromomethane	6.32	93	93	106.263	ug/l #	9
47) Bromodichloromethane	6.52	83	59	27.220	ug/l #	23
48) Methyl methacrylate	6.69	41	184	269.013	ug/l	91
49) 1,4-Dioxane	6.84	88	127	21534.793	ug/l #	2
51) 4-Methyl-2-Pentanone	8.42	43	597	880.174	ug/l #	39
52) Toluene	7.64	92	95	34.218	ug/l #	1
53) t-1,3-Dichloropropene	8.43	75	132	77.707	ug/l #	1
54) cis-1,3-Dichloropropene	7.42	75	94	47.348	ug/l #	57
55) 1,1,2-Trichloroethane	8.68	97	70	79.545	ug/l #	18
56) Ethyl methacrylate	8.72	69	191	191.005	ug/l #	53
57) 1,3-Dichloropropane	8.96	76	176	118.221	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.73	63	63	616.785	ug/l	100
59) 2-Hexanone	9.50	43	442	888.433	ug/l	75
60) Dibromochloromethane	8.97	129	61	46.038	ug/l #	11
61) 1,2-Dibromoethane	9.12	107	78	81.004	ug/l #	4
64) Tetrachloroethene	8.22	164	130	277.177	ug/l #	1
65) Chlorobenzene	9.83	112	62	51.156	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.19	131	72	136.057	ug/l #	9
67) Ethyl Benzene	10.08	91	62	26.905	ug/l #	47
68) m/p-Xylenes	10.37	106	70	88.363	ug/l #	1
69) o-Xylene	10.79	106	189	218.879	ug/l #	1
70) Styrene	10.88	104	72	58.621	ug/l #	29

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T-1A

Quant Time: Oct 05 01:13:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

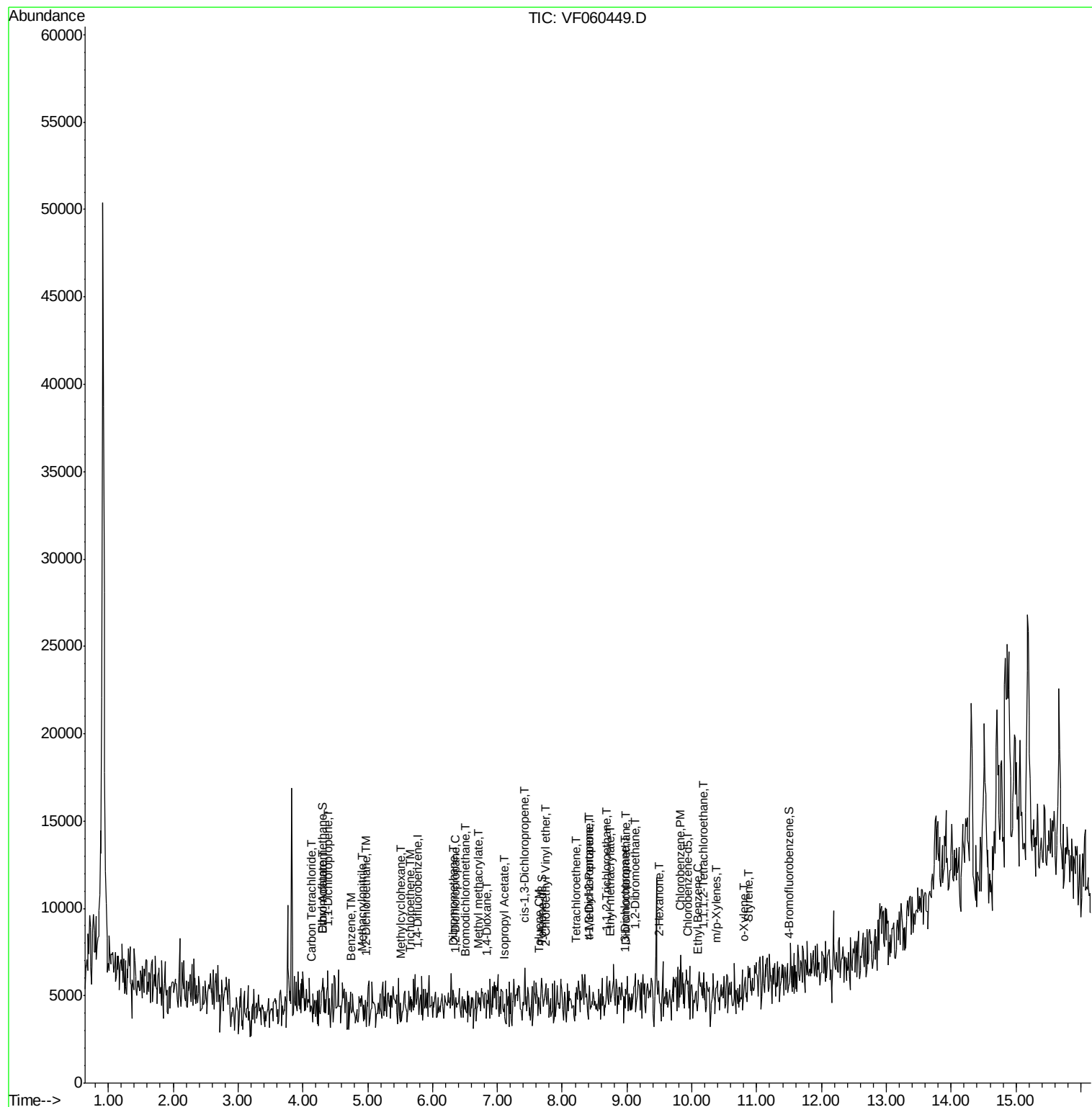
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

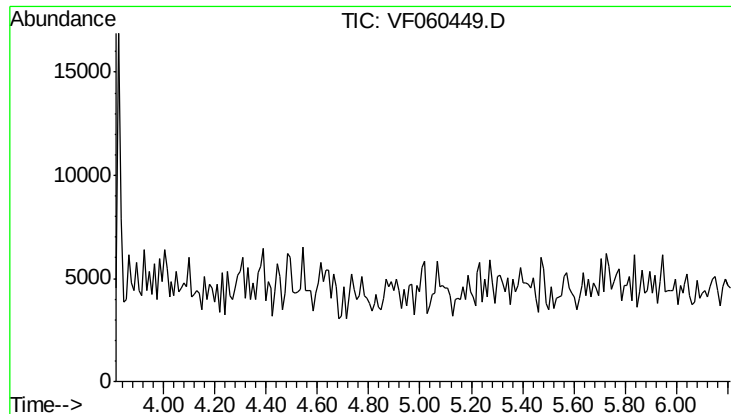
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060449.D
Acq On : 4 Oct 2018 21:23
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Sample : J5206-02
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 43 Sample Multiplier: 1

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Quant Time: Oct 05 01:13:20 2018
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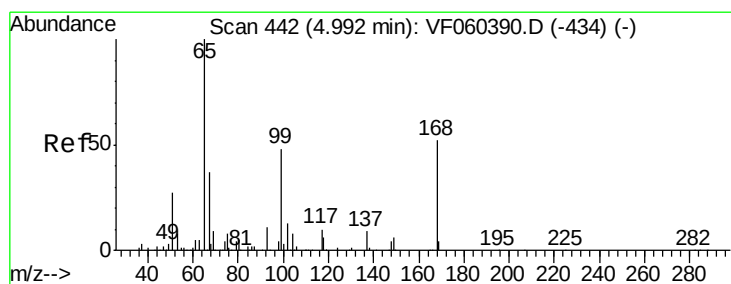
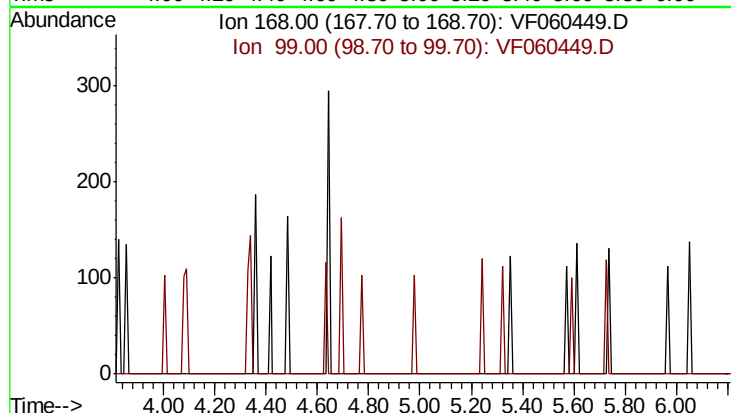


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.01 min

Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

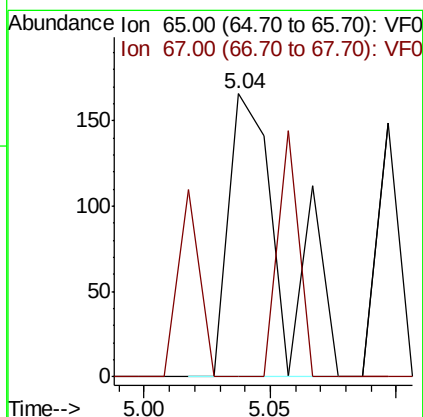
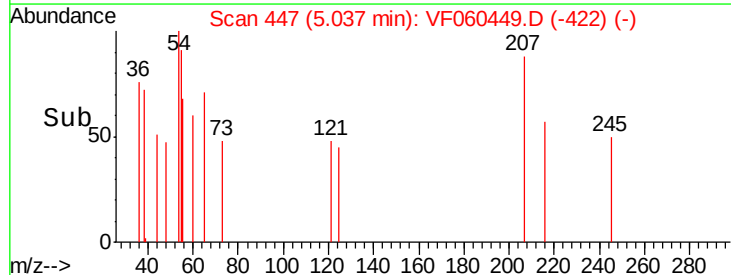
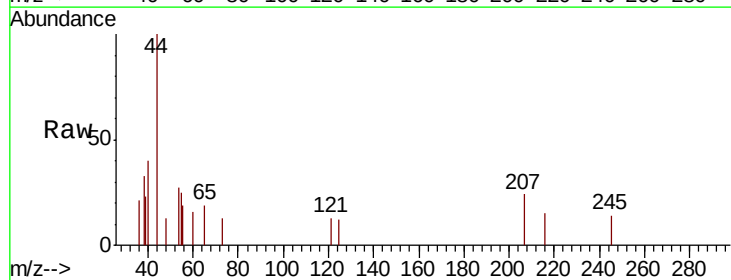
Instrument :
MSVOA_F
ClientSampleId :
T-1A

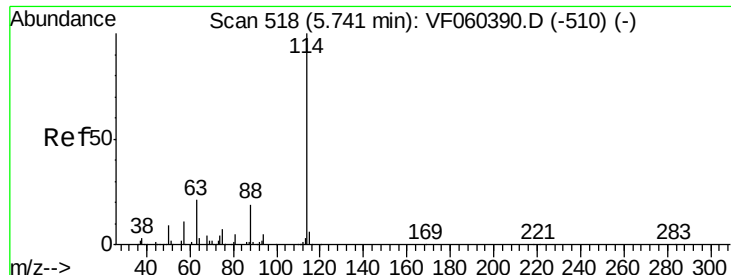
Tot Ion: 168
Sig Exp Ratio
168 100
99 81.6



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. 0.05 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 65 Resp: 248
Ion Ratio Lower Upper
65 100
67 0.0 0.0 89.4

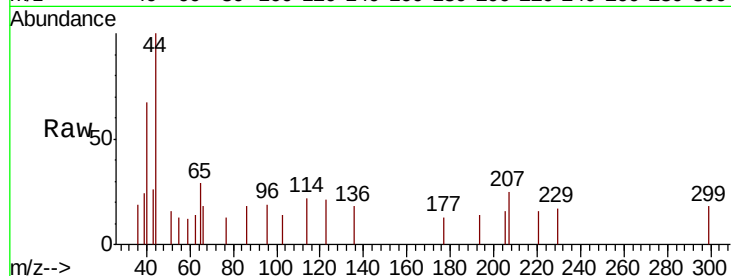




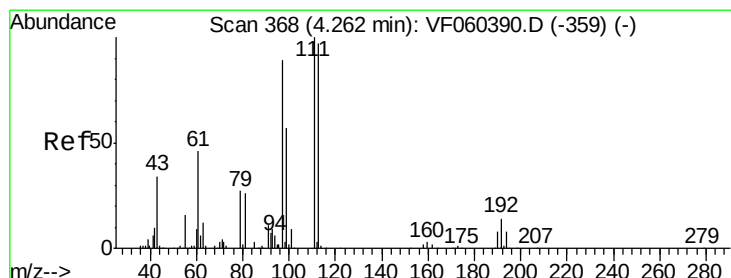
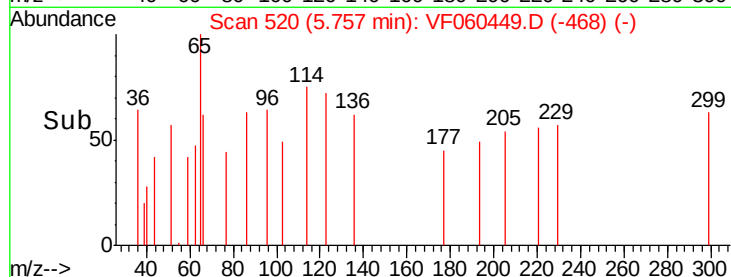
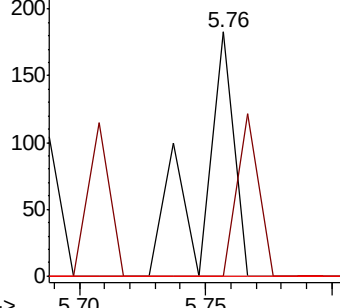
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 520
Delta R.T. 0.02 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampled :
T-1A

Tot Ion:114 Resp: 167
Ion Ratio Lower Upper
114 100
63 0.0 0.0 42.2
88 0.0 0.0 38.8

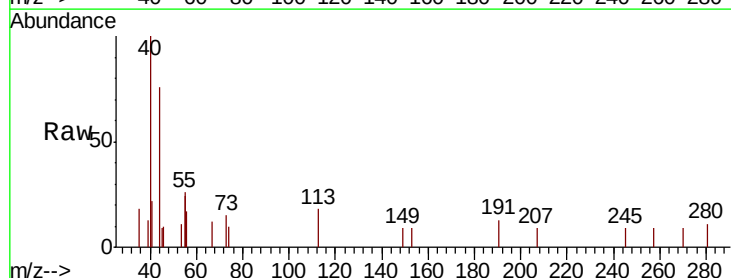


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

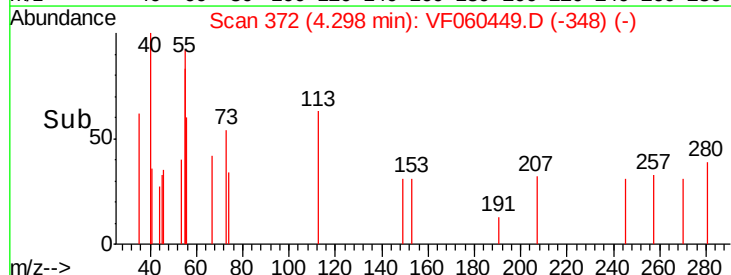
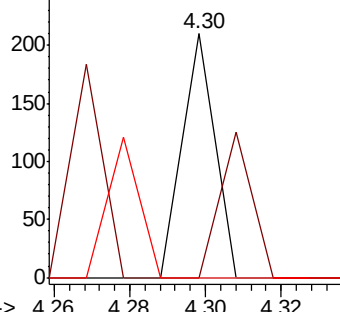


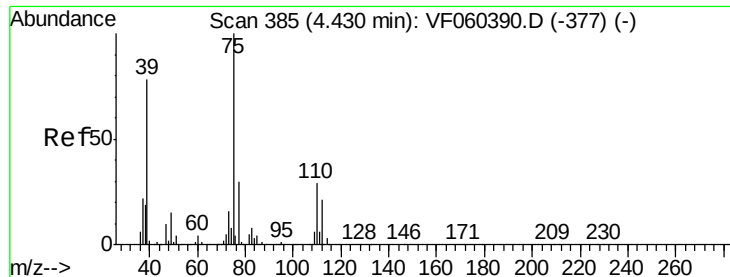
#35
Dibromofluoromethane
Concen: 79.038 ug/l
RT: 4.30 min Scan# 372
Delta R.T. 0.04 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion:113 Resp: 124
Ion Ratio Lower Upper
113 100
111 0.0 82.3 123.5#
192 0.0 11.8 17.6#



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





#36

1,1-Dichloropropene

Concen: 48.082 ug/l

RT: 4.39 min Scan# 381

Delta R.T. -0.04 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

T-1A

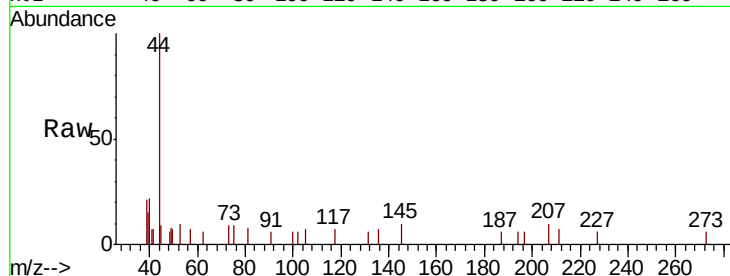
Tot Ion: 75 Resp: 99

Ion Ratio Lower Upper

75 100

110 0.0 14.5 43.6#

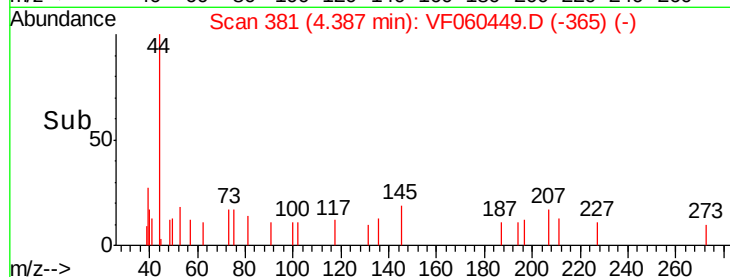
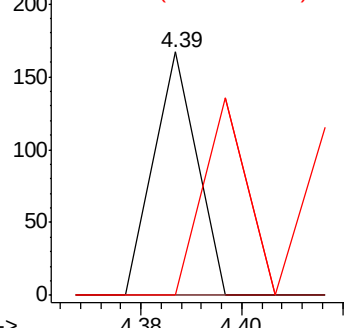
77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#37

Ethyl Acetate

Concen: 748.289 ug/l

RT: 4.31 min Scan# 373

Delta R.T. 0.05 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

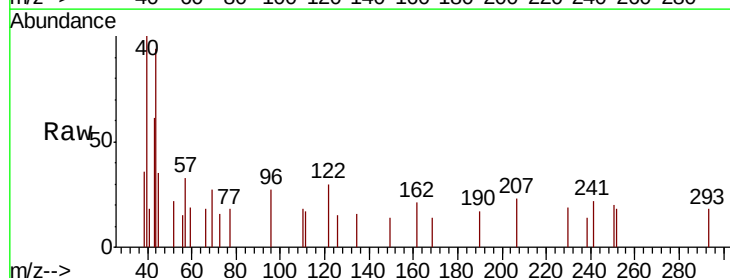
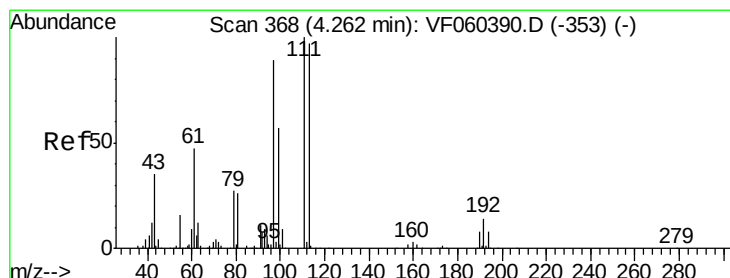
Tgt Ion: 43 Resp: 590

Ion Ratio Lower Upper

43 100

61 0.0 105.1 157.7#

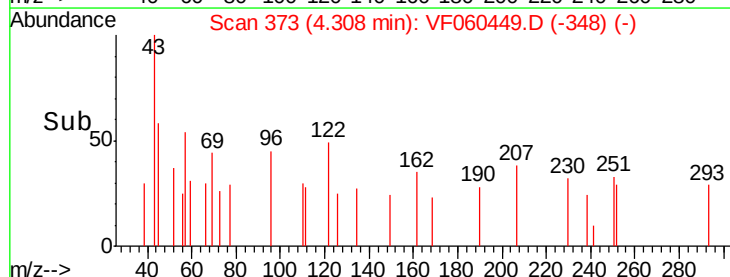
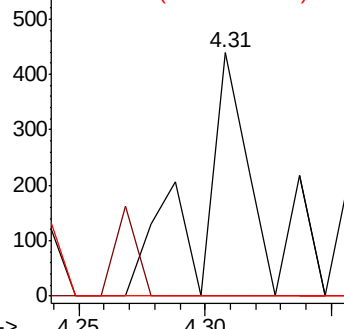
70 0.0 8.0 12.0#

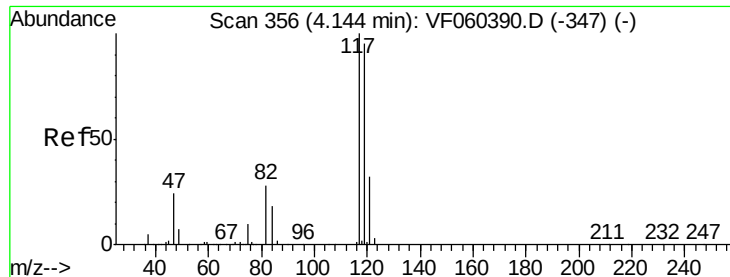


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: 45.486 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampled :

T-1A

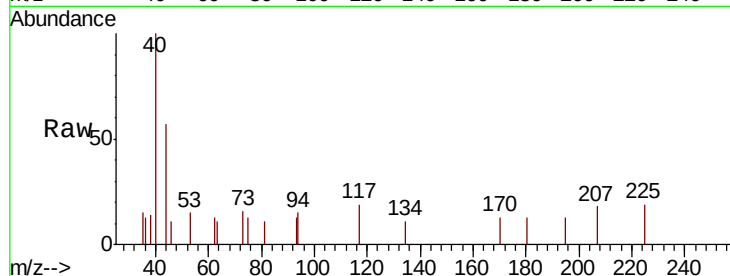
Tot Ion:117 Resp: 114

Ion Ratio Lower Upper

117 100

119 0.0 75.5 113.3#

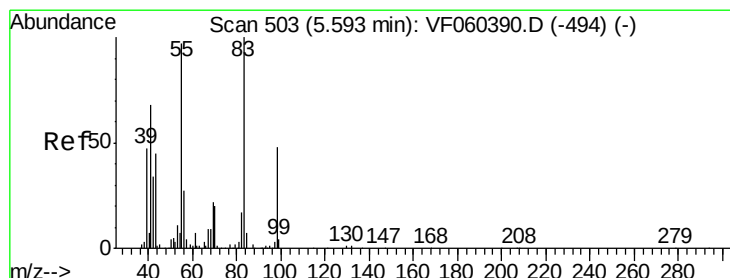
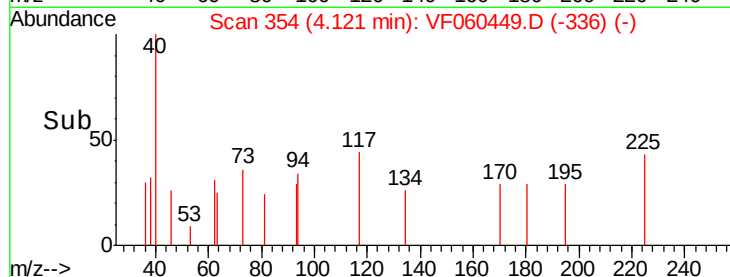
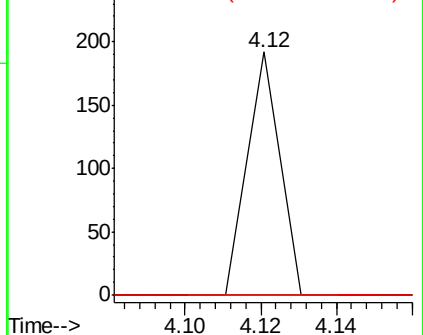
121 0.0 25.4 38.0#



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



#39

Methylcyclohexane

Concen: 50.037 ug/l

RT: 5.52 min Scan# 496

Delta R.T. -0.07 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

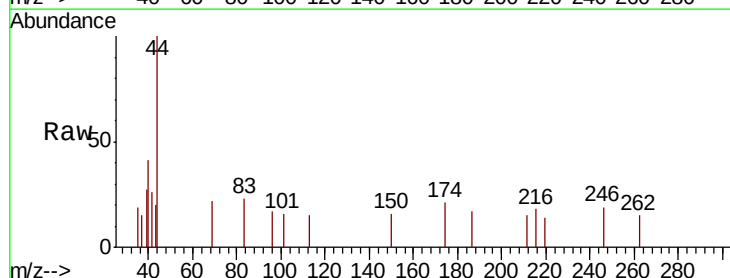
Tgt Ion: 83 Resp: 101

Ion Ratio Lower Upper

83 100

55 0.0 77.5 116.3#

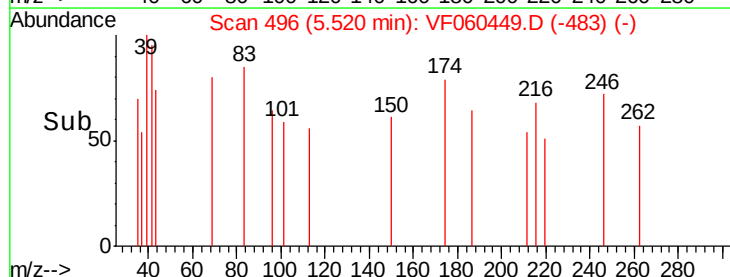
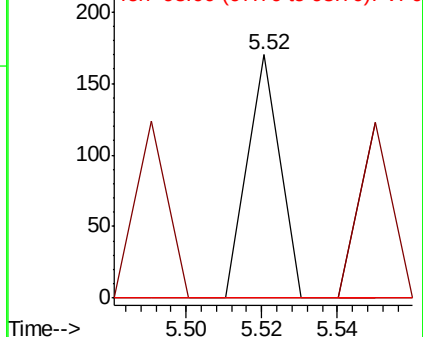
98 0.0 38.7 58.1#

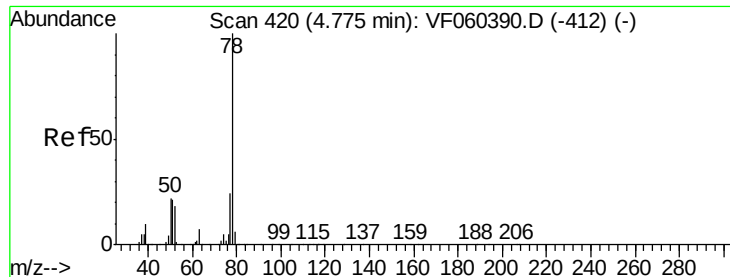


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 21.529 ug/l

RT: 4.75 min Scan# 418

Delta R.T. -0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

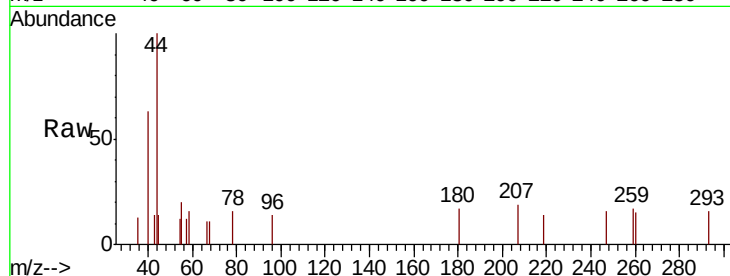
T-1A

Tot Ion: 78 Resp: 88

Ion Ratio Lower Upper

78 100

77 0.0 19.2 28.8#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

4.75

150

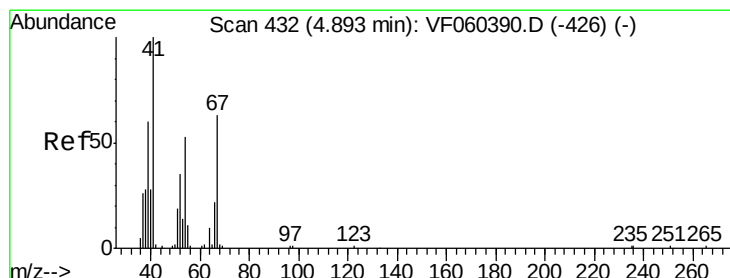
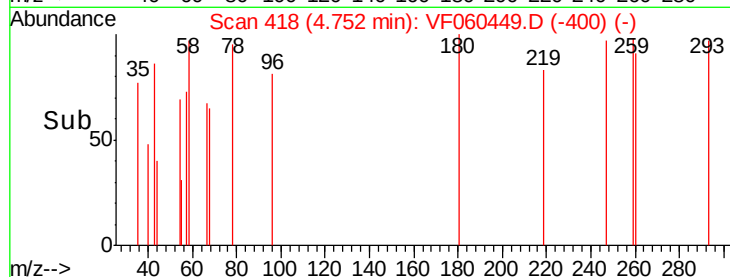
100

50

0

4.72 4.74 4.76 4.78

Time-->



#41

Methacrylonitrile

Concen: 145.912 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.02 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion: 41 Resp: 61

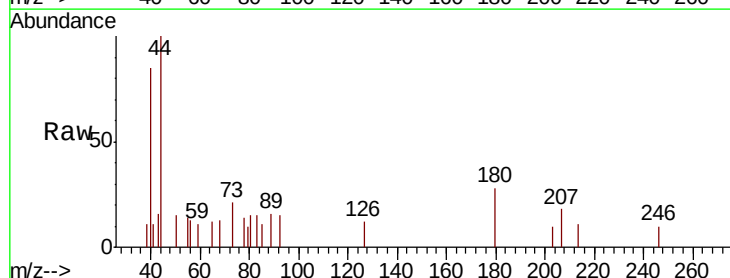
Ion Ratio Lower Upper

41 100

39 0.0 55.0 82.4#

67 0.0 49.6 74.4#

52 0.0 38.8 58.2#



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

500

400

300

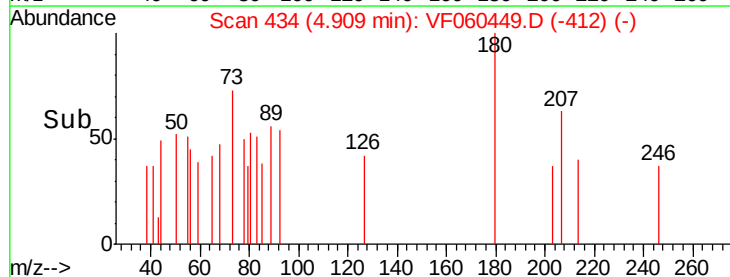
200

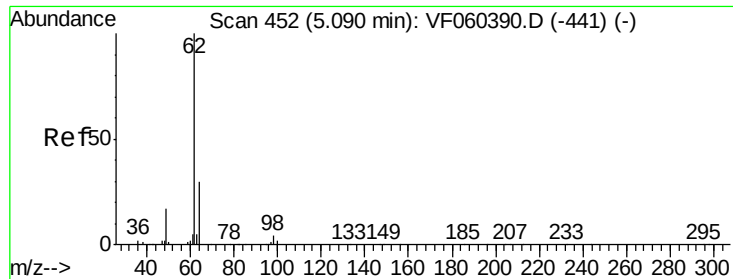
100

0

4.90 4.91 4.92

Time-->





#42

1,2-Dichloroethane

Concen: 31.282 ug/l

RT: 4.97 min Scan# 440

Delta R.T. -0.12 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampled :

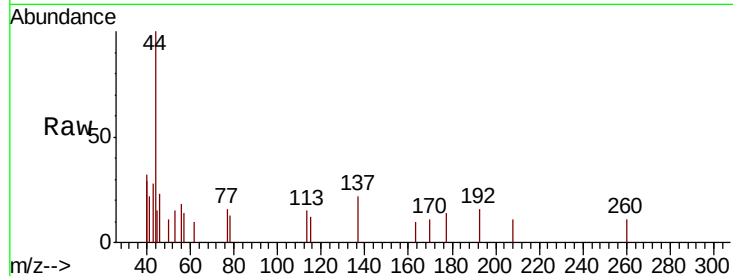
T-1A

Tot Ion: 62 Resp: 61

Ion Ratio Lower Upper

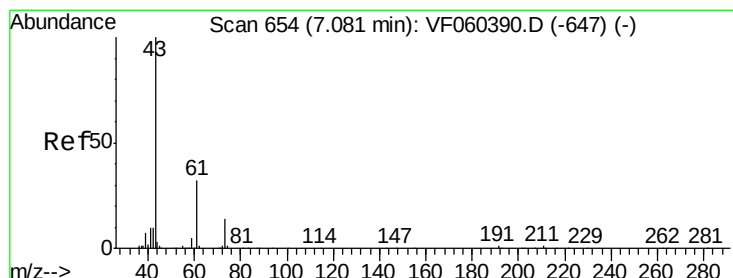
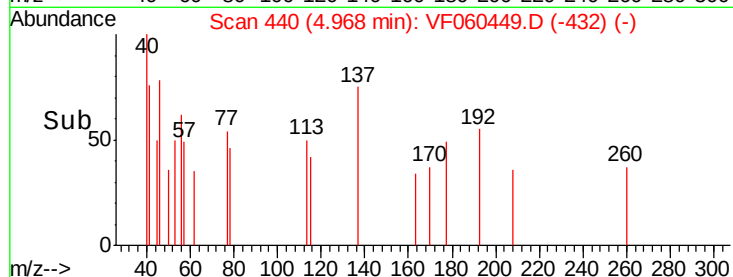
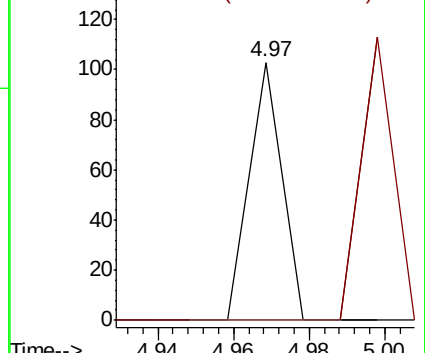
62 100

98 0.0 0.0 11.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#43

Isopropyl Acetate

Concen: 216.195 ug/l

RT: 7.12 min Scan# 658

Delta R.T. 0.04 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

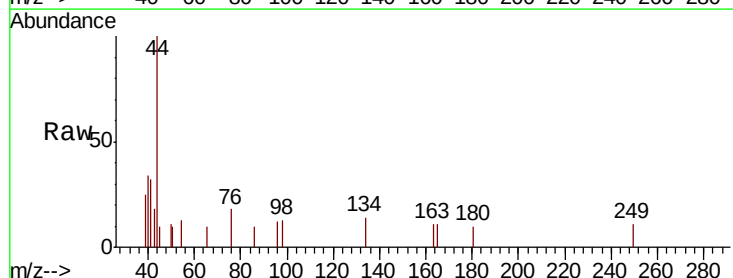
Tgt Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

61 0.0 25.4 38.2#

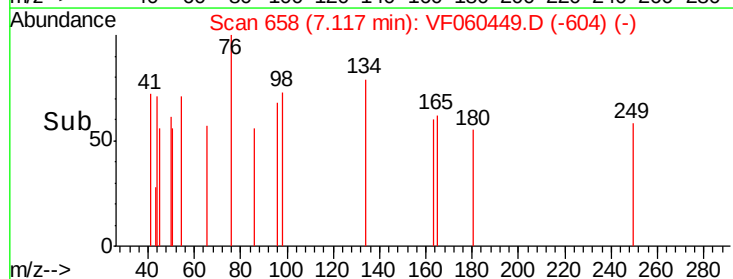
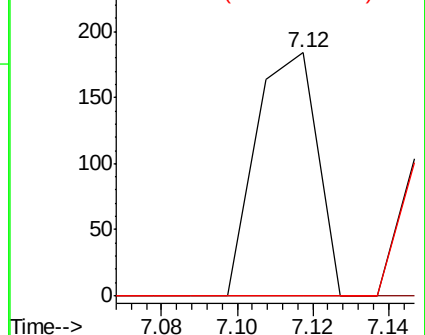
87 0.0 0.3 0.5#

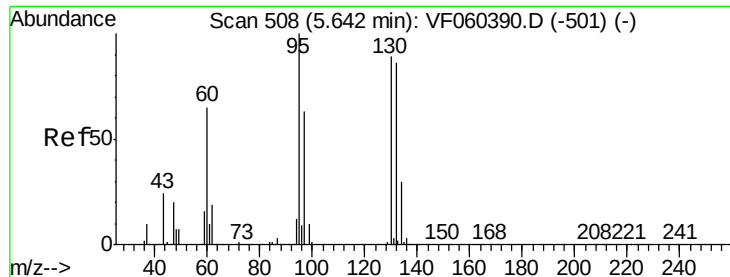


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#44

Trichloroethene

Concen: 54.136 ug/l

RT: 5.67 min Scan# 511

Delta R.T. 0.03 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampled :

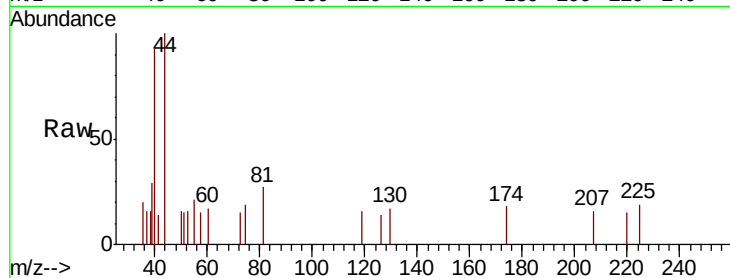
T-1A

Tot Ion:130 Resp: 71

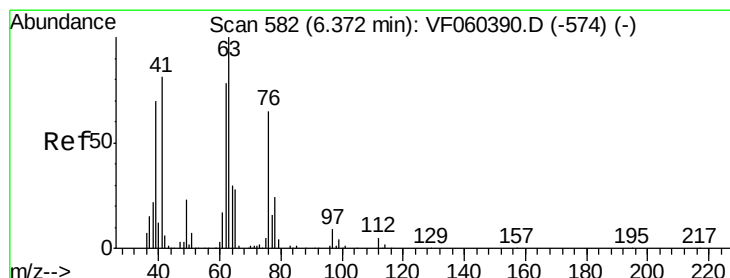
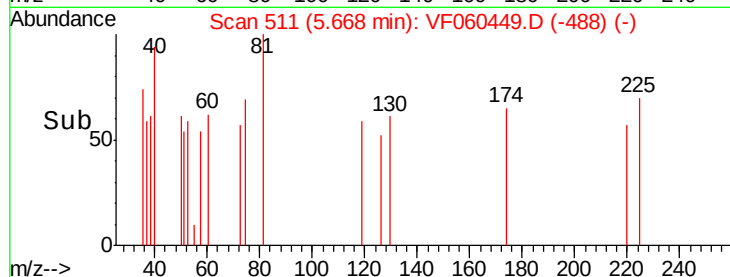
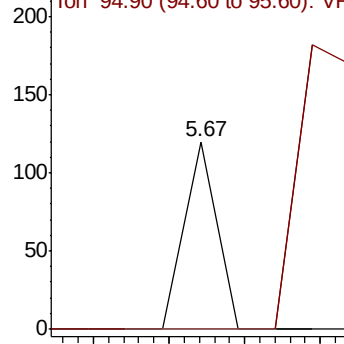
Ion Ratio Lower Upper

130 100

95 0.0 0.0 224.4



Abundance Ion 129.90 (129.60 to 130.60): VF0



#45

1,2-Dichloropropane

Concen: 58.795 ug/l

RT: 6.37 min Scan# 582

Delta R.T. -0.00 min

Lab File: VF060449.D

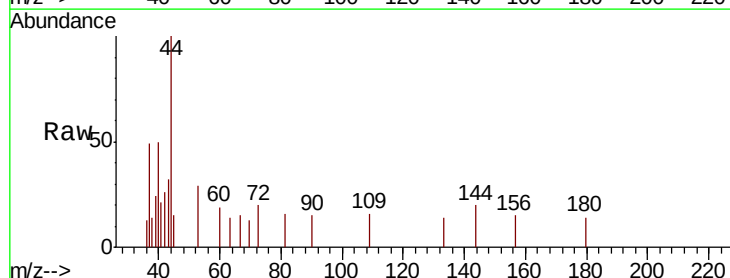
Acq: 4 Oct 2018 21:23

Tgt Ion: 63 Resp: 64

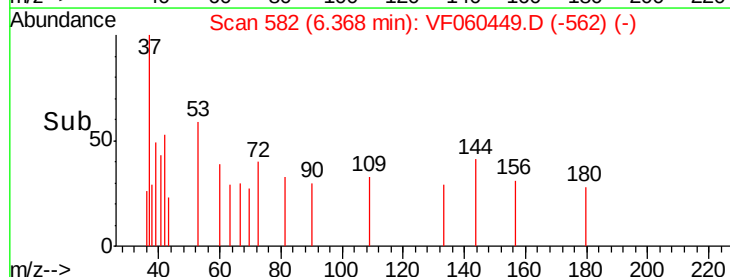
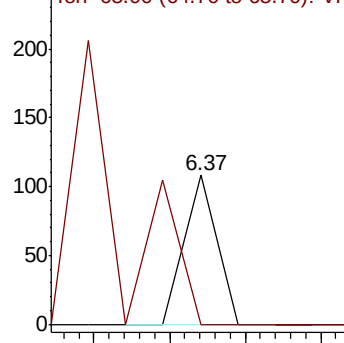
Ion Ratio Lower Upper

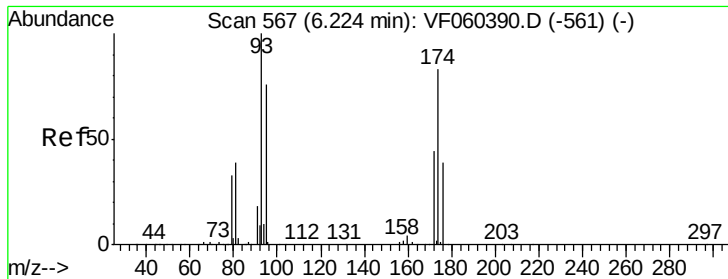
63 100

65 0.0 22.7 34.1#



Abundance Ion 63.00 (62.70 to 63.70): VF0

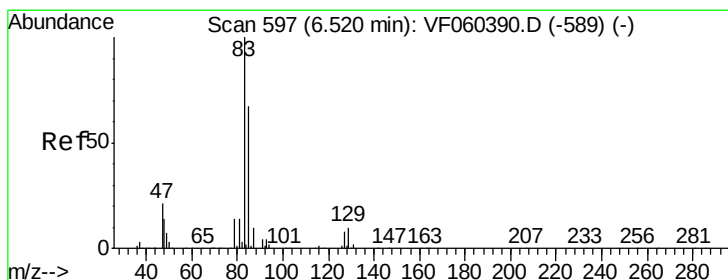
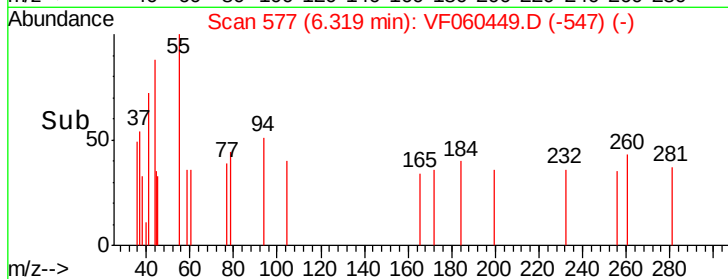
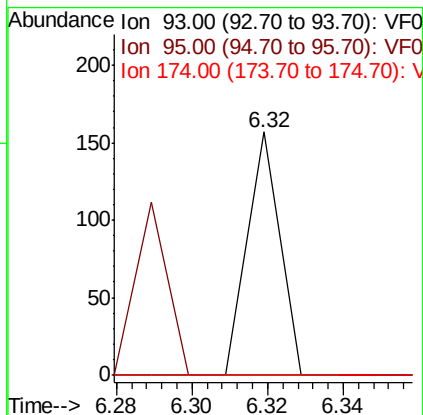
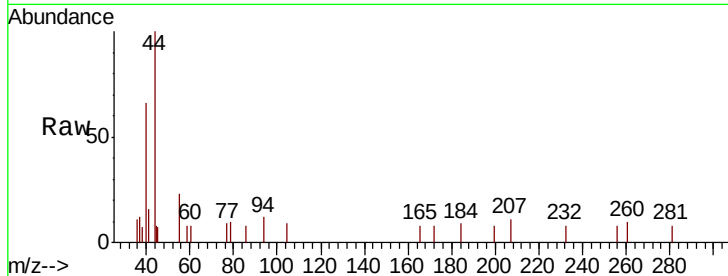




#46
Dibromomethane
Concen: 106.263 ug/l
RT: 6.32 min Scan# 577
Delta R.T. 0.10 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

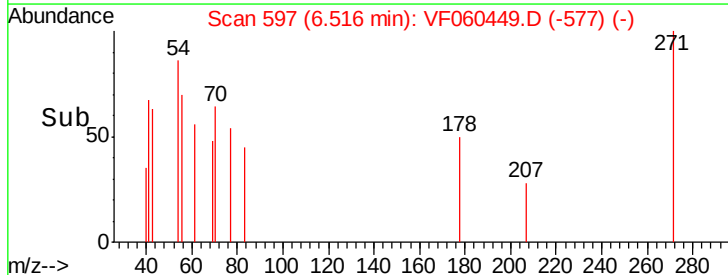
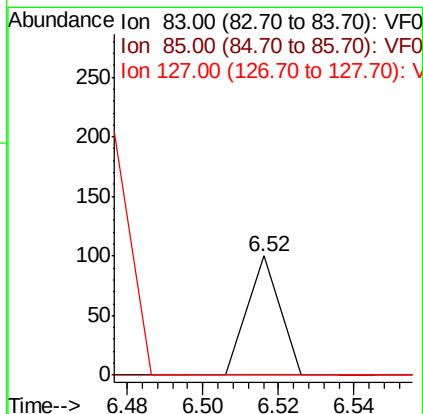
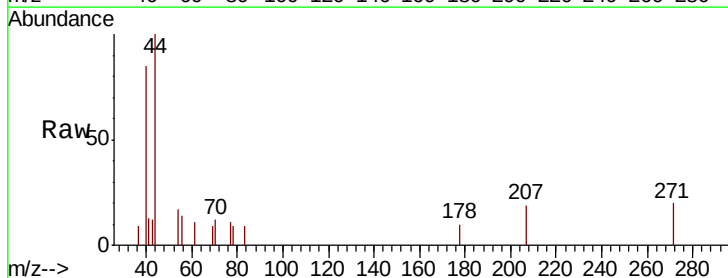
Instrument :
MSVOA_F
ClientSampled :
T-1A

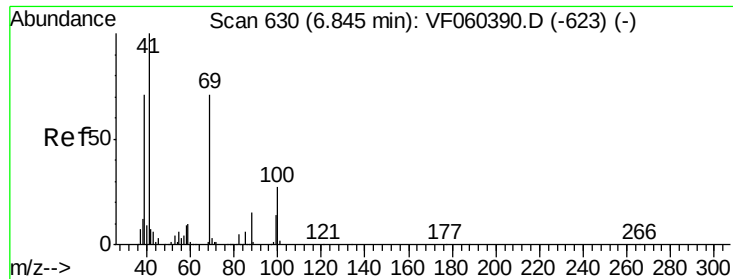
Tot Ion: 93 Resp: 93
Ion Ratio Lower Upper
93 100
95 0.0 61.1 91.7#
174 0.0 66.7 100.1#



#47
Bromodichloromethane
Concen: 27.220 ug/l
RT: 6.52 min Scan# 597
Delta R.T. -0.00 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
85 0.0 53.2 79.8#
127 0.0 6.6 9.8#

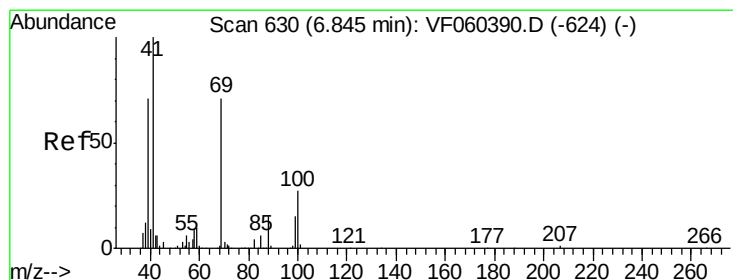
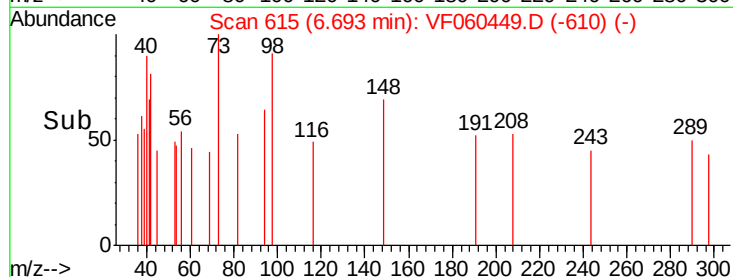
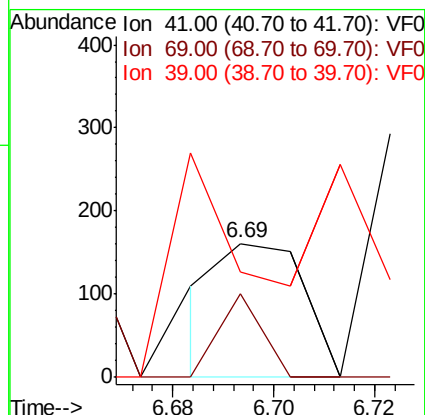
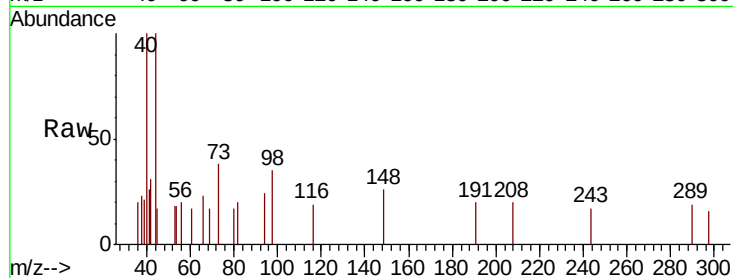




#48
Methvl methacrylate
Concen: 269.013 ug/l
RT: 6.69 min Scan# 615
Delta R.T. -0.15 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

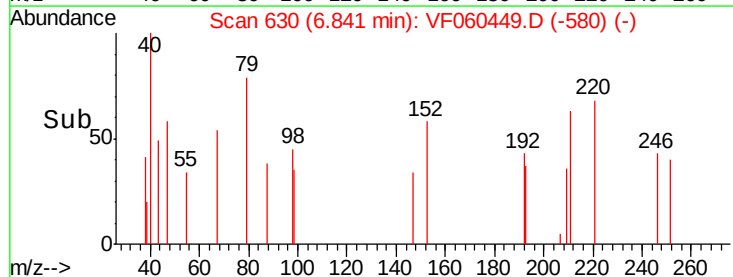
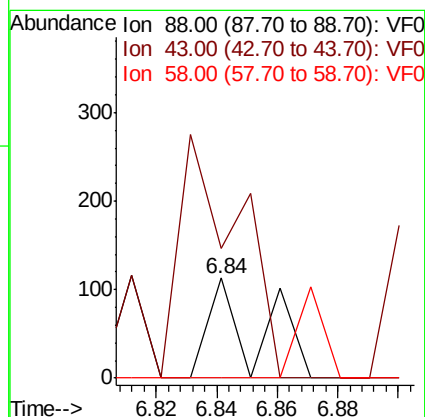
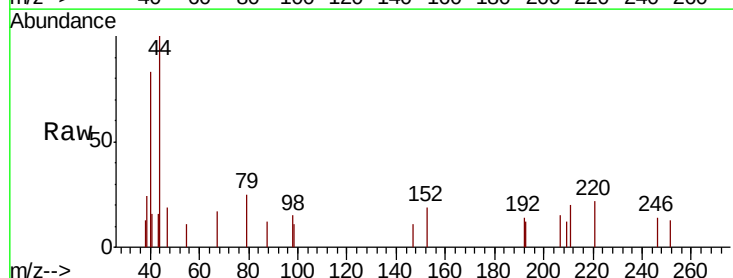
Instrument :
MSVOA_F
ClientSampled :
T-1A

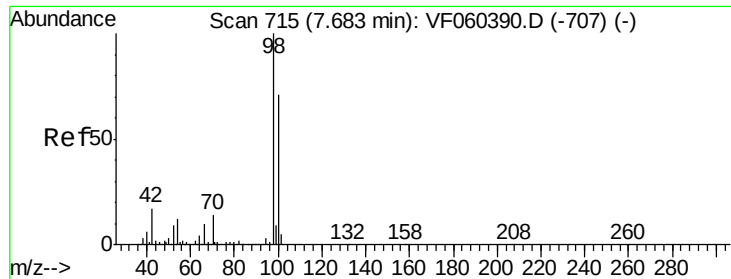
Tot Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
69 62.7 56.3 84.5
39 78.9 56.9 85.3



#49
1,4-Dioxane
Concen: 21534.793 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.00 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
43 129.2 38.3 57.5#
58 0.0 47.4 71.2#

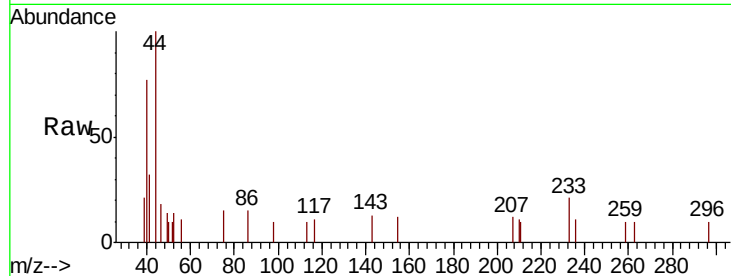




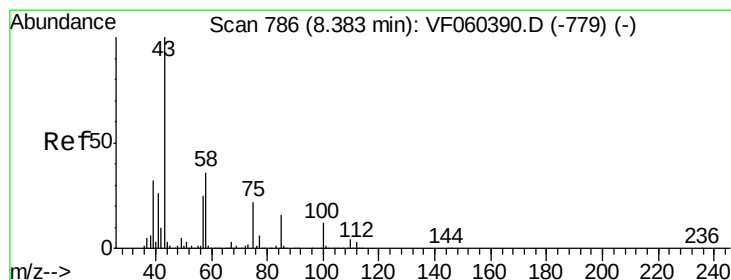
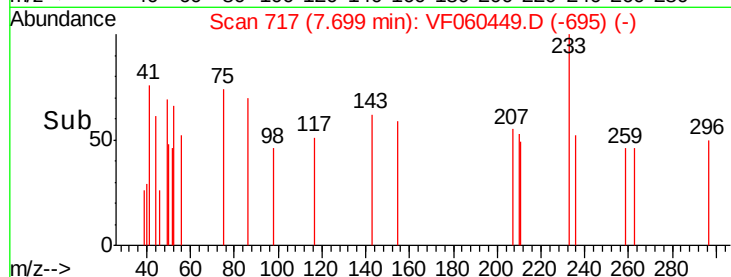
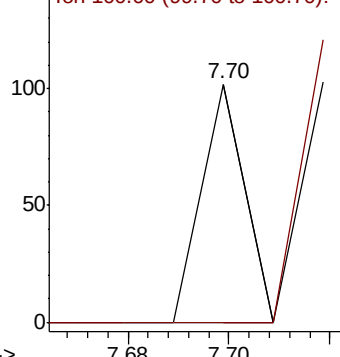
#50
Toluene-d8
Concen: 15.529 ug/l
RT: 7.70 min Scan# 717
Delta R.T. 0.02 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampled :
T-1A

Tot Ion: 98 Resp: 60
Ion Ratio Lower Upper
98 100
100 0.0 56.5 84.7#

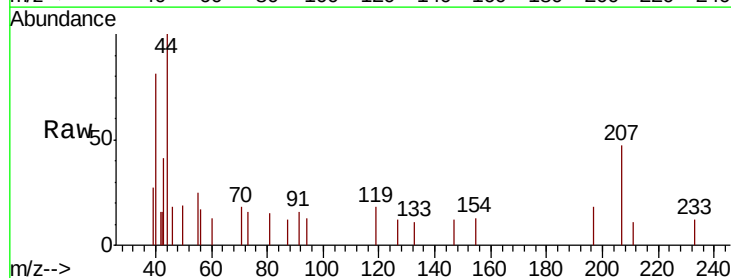


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0

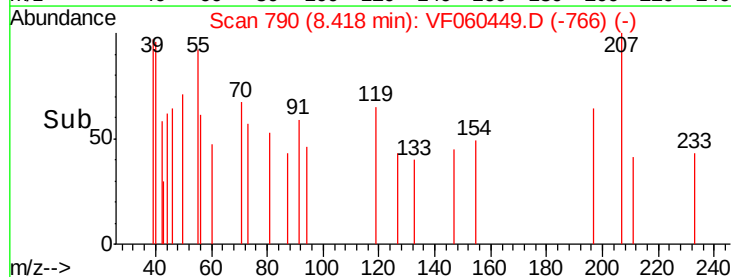
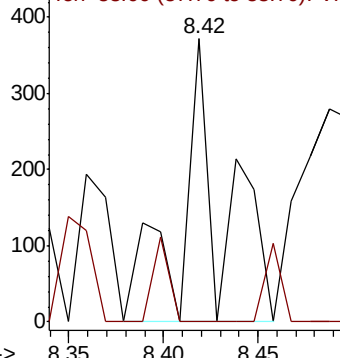


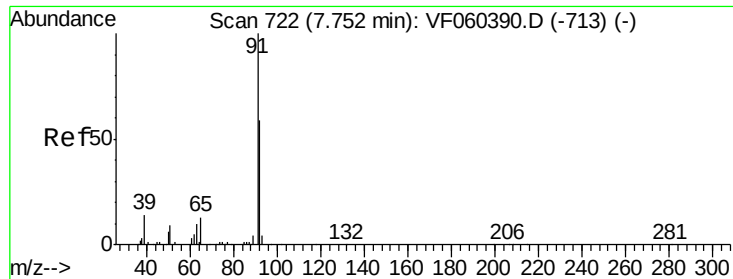
#51
4-Methyl-2-Pentanone
Concen: 880.174 ug/l
RT: 8.42 min Scan# 790
Delta R.T. 0.04 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 34.218 ug/l

RT: 7.64 min Scan# 711

Delta R.T. -0.11 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

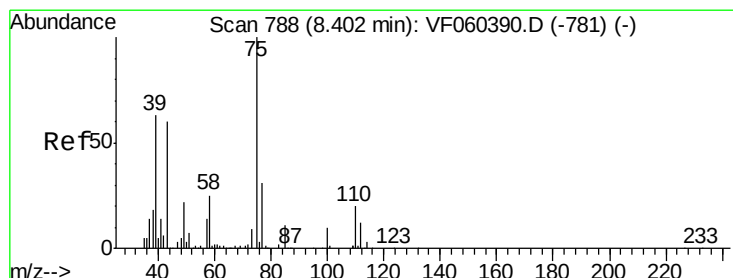
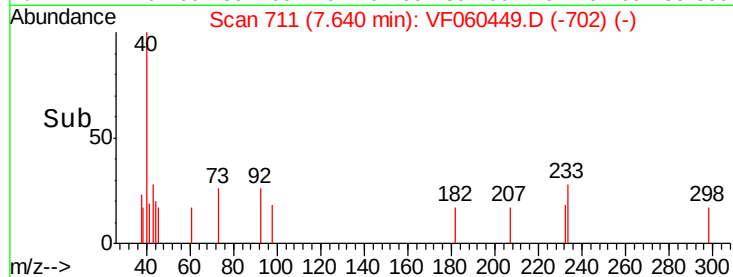
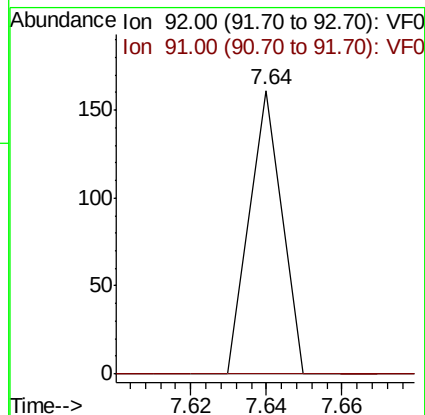
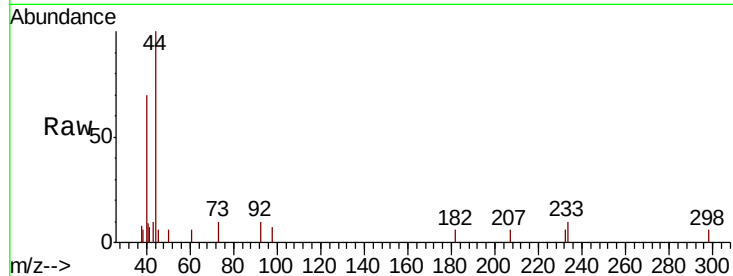
T-1A

Tot Ion: 92 Resp: 95

Ion Ratio Lower Upper

92 100

91 0.0 135.4 203.0#



#53

t-1,3-Dichloropropene

Concen: 77.707 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.03 min

Lab File: VF060449.D

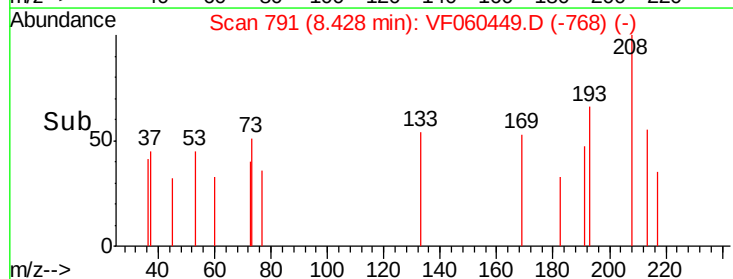
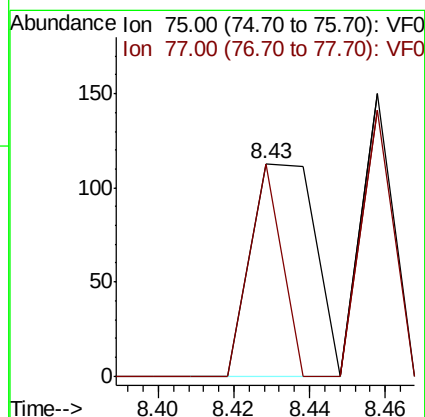
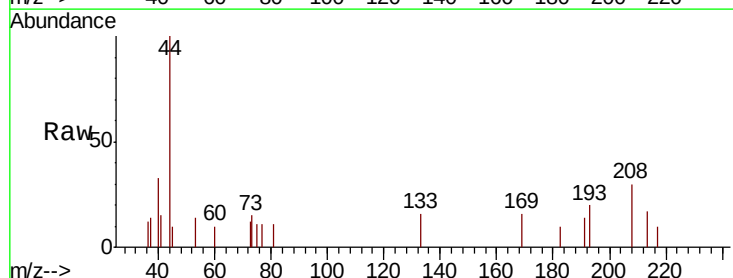
Acq: 4 Oct 2018 21:23

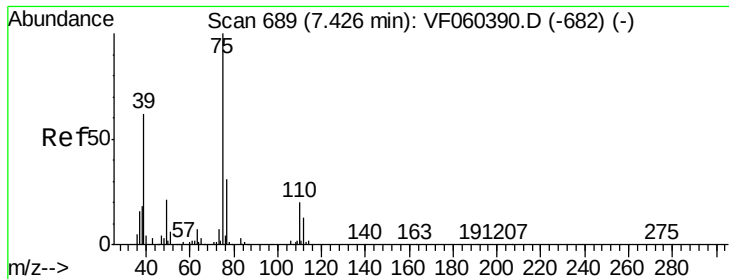
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 100.0 24.6 36.8#





#54

cis-1,3-Dichloropropene

Concen: 47.348 ug/l

RT: 7.42 min Scan# 689

Delta R.T. -0.00 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

T-1A

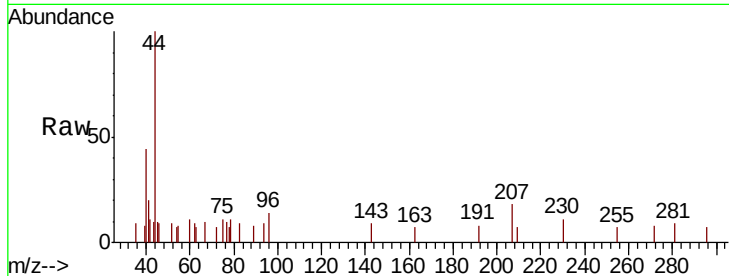
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

77 91.2 25.2 37.8#

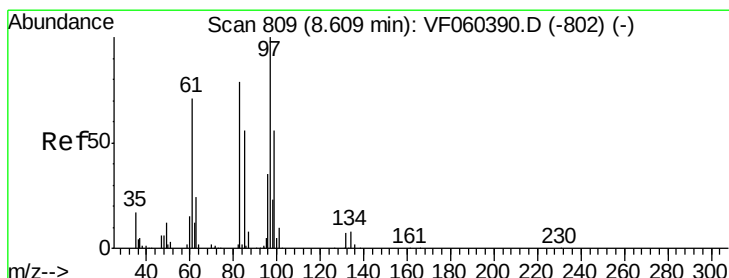
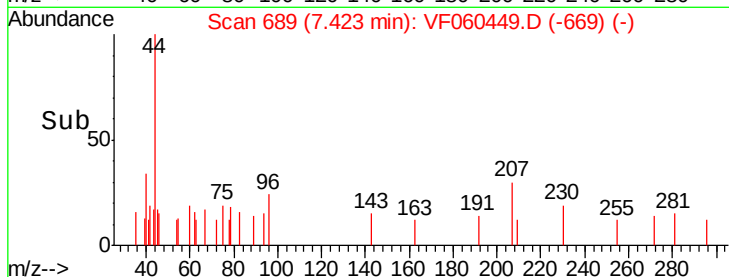
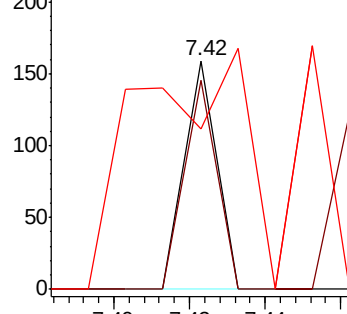
39 70.4 49.7 74.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 79.545 ug/l

RT: 8.68 min Scan# 817

Delta R.T. 0.08 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Tgt Ion: 97 Resp: 70

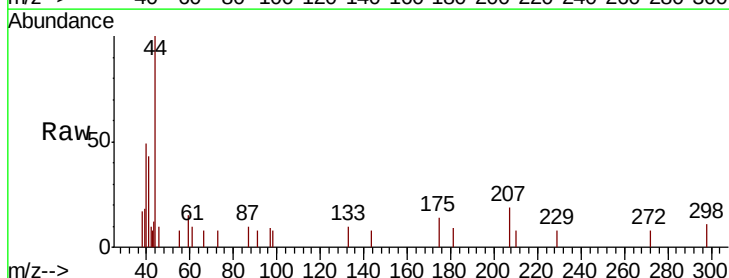
Ion Ratio Lower Upper

97 100

83 0.0 63.4 95.0#

85 0.0 44.5 66.7#

99 0.0 45.1 67.7#

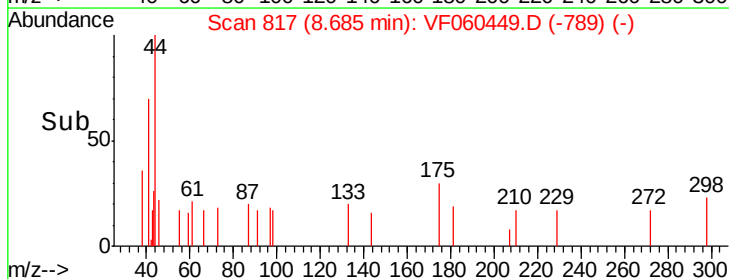
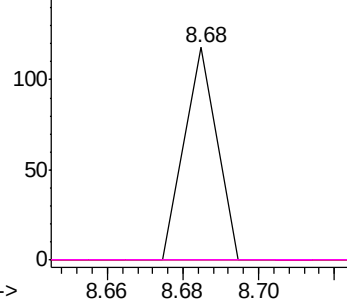


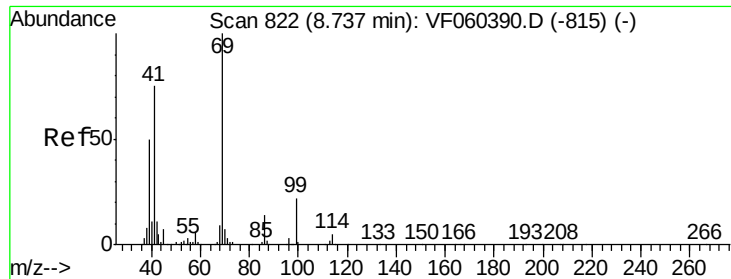
Abundance Ion 97.00 (96.70 to 97.70): VF0

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





#56

Ethyl methacrylate

Concen: 191.005 ug/l

RT: 8.72 min Scan# 821

Delta R.T. -0.01 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

T-1A

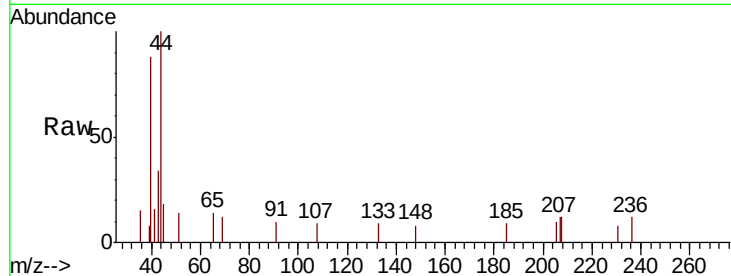
Tot Ion: 69 Resp: 191

Ion Ratio Lower Upper

69 100

41 131.5 60.2 90.4#

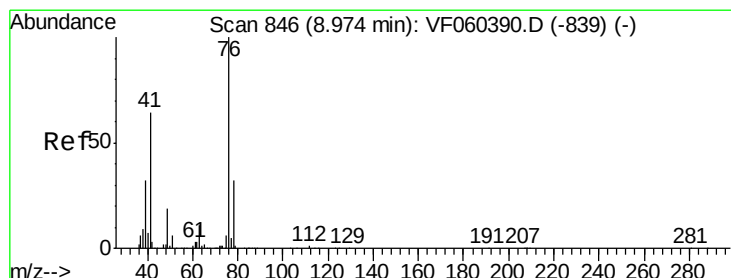
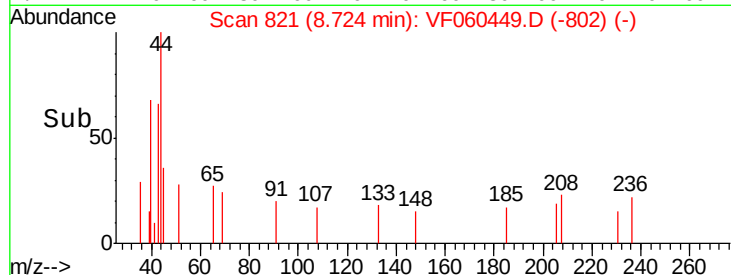
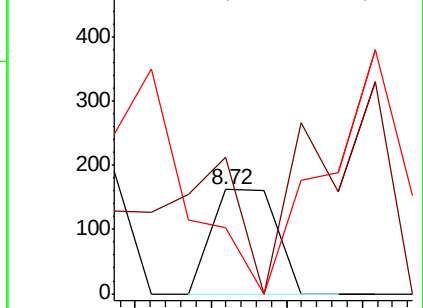
39 63.0 40.2 60.2#



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



#57

1,3-Dichloropropane

Concen: 118.221 ug/l

RT: 8.96 min Scan# 845

Delta R.T. -0.01 min

Lab File: VF060449.D

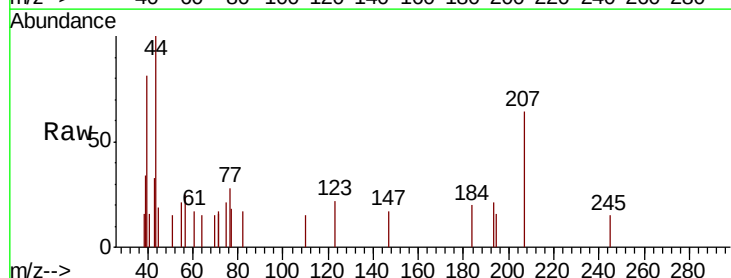
Acq: 4 Oct 2018 21:23

Tgt Ion: 76 Resp: 176

Ion Ratio Lower Upper

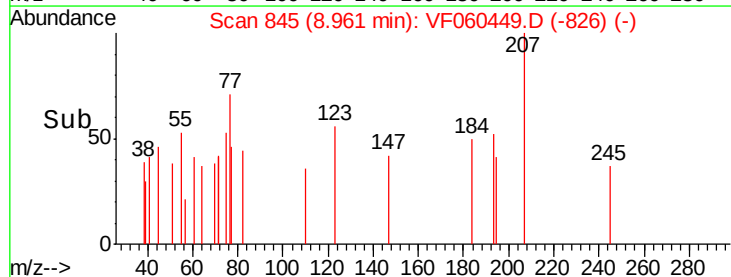
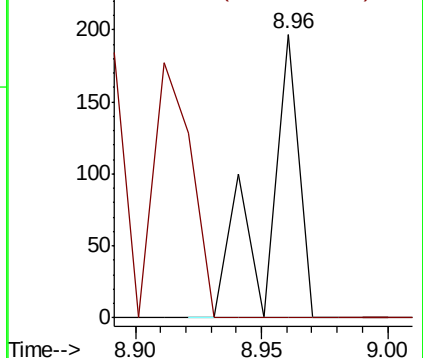
76 100

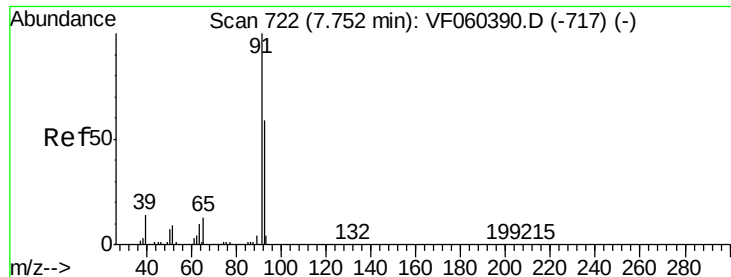
78 0.0 25.3 37.9#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

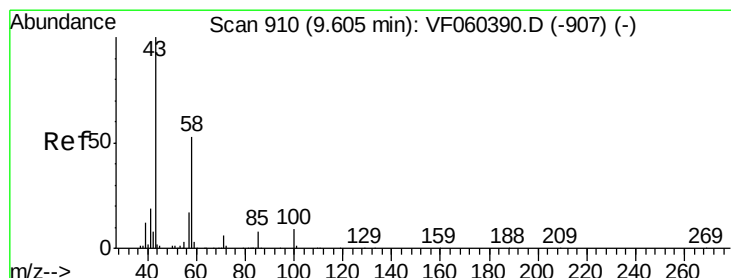
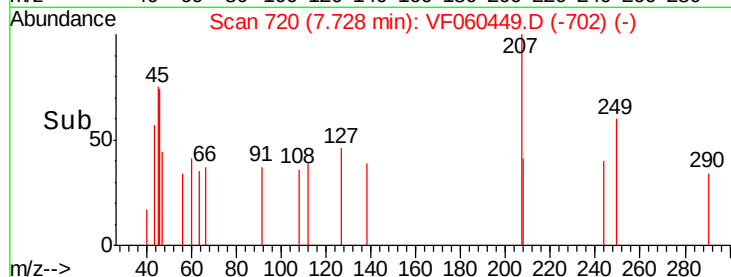
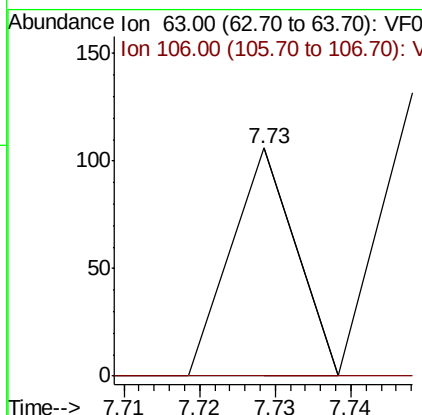
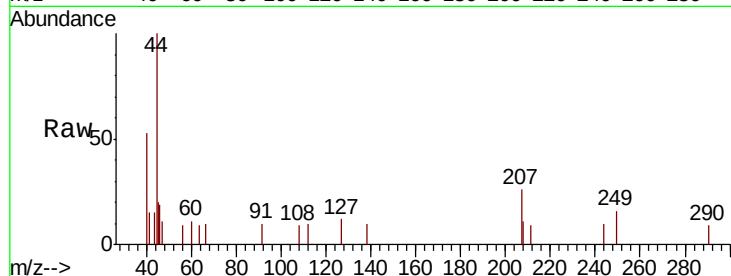




#58
2-Chloroethyl Vinyl ether
Concen: 616.785 ug/l
RT: 7.73 min Scan# 720
Delta R.T. -0.02 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

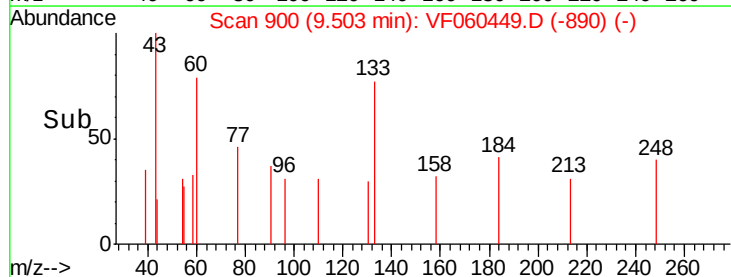
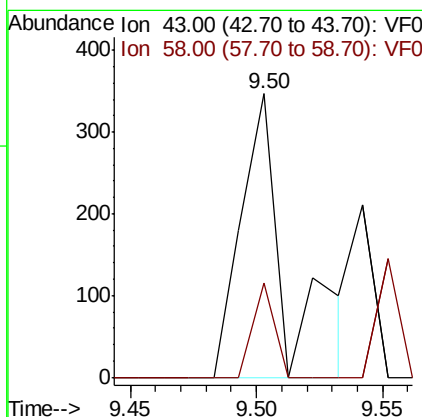
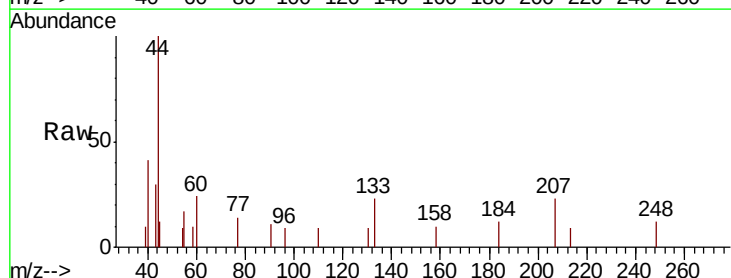
Instrument :
MSVOA_F
ClientSampleId :
T-1A

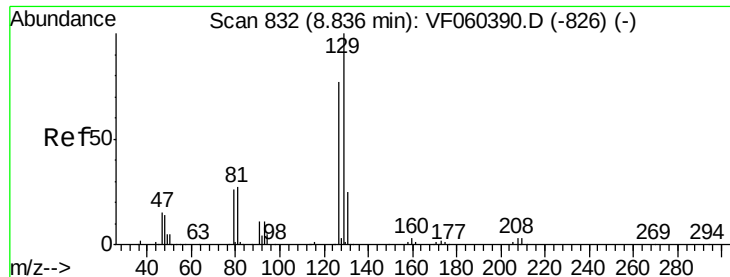
Tot Ion: 63 Resp: 63
Ion Ratio Lower Upper
63 100
106 0.0 0.0 0.0



#59
2-Hexanone
Concen: 888.433 ug/l
RT: 9.50 min Scan# 900
Delta R.T. -0.10 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 33.4 25.6 76.6





#60

Dibromochloromethane

Concen: 46.038 ug/l

RT: 8.97 min Scan# 846

Delta R.T. 0.13 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

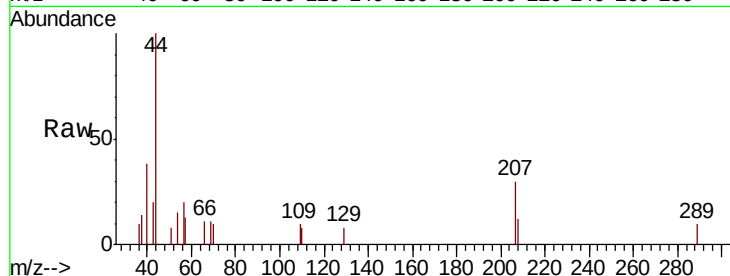
T-1A

Tot Ion:129 Resp: 61

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.97

100

80

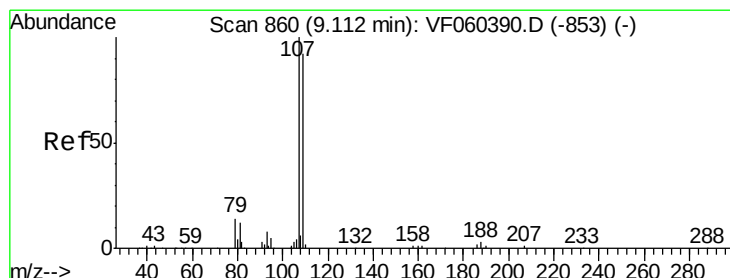
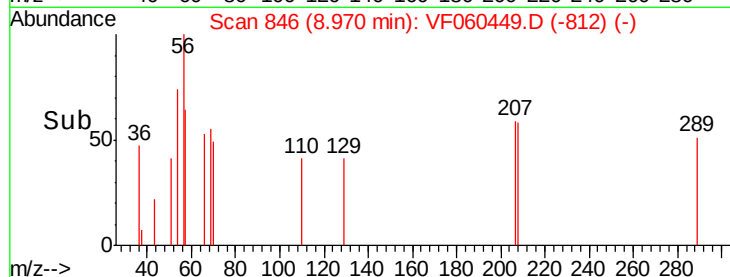
60

40

20

0

Time-->



#61

1,2-Dibromoethane

Concen: 81.004 ug/l

RT: 9.12 min Scan# 861

Delta R.T. 0.01 min

Lab File: VF060449.D

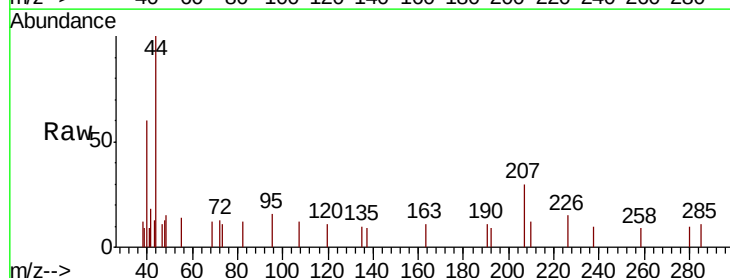
Acq: 4 Oct 2018 21:23

Tgt Ion:107 Resp: 78

Ion Ratio Lower Upper

107 100

109 0.0 73.7 110.5#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

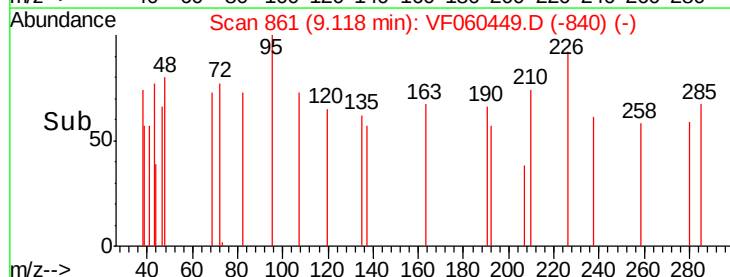
150

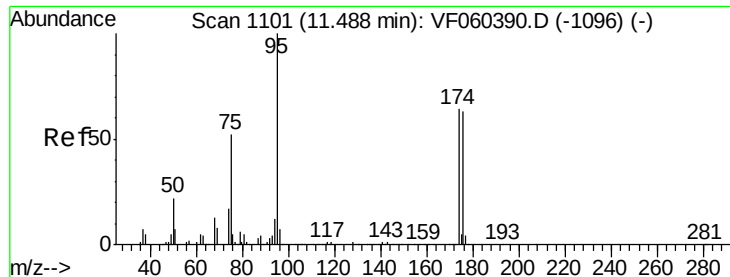
100

50

0

Time-->





#62

4-Bromofluorobenzene

Concen: 41.379 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

T-1A

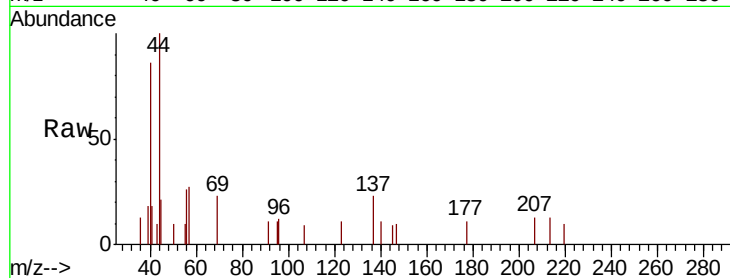
Tot Ion: 95 Resp: 73

Ion Ratio Lower Upper

95 100

174 0.0 0.0 129.0

176 0.0 0.0 125.6



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

11.49

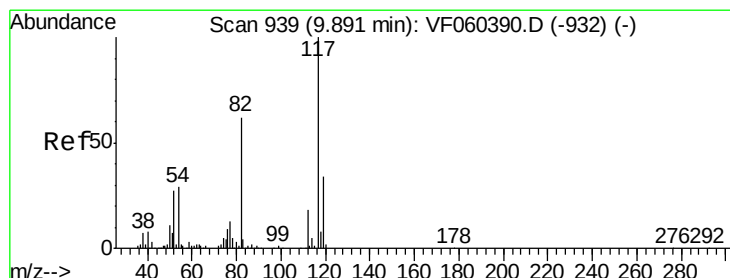
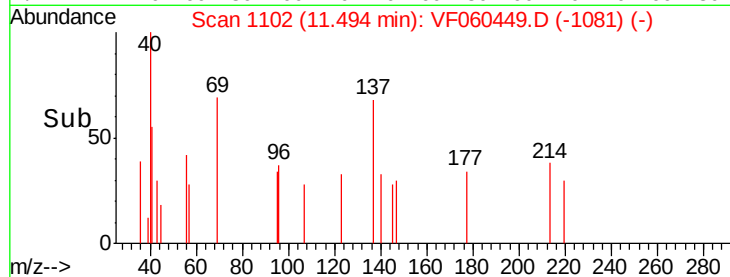
150

100

50

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.95 min Scan# 945

Delta R.T. 0.06 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

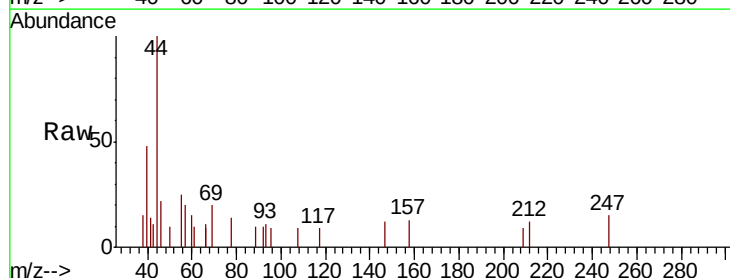
Tgt Ion: 117 Resp: 59

Ion Ratio Lower Upper

117 100

82 0.0 49.5 74.3#

119 0.0 27.0 40.6#



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

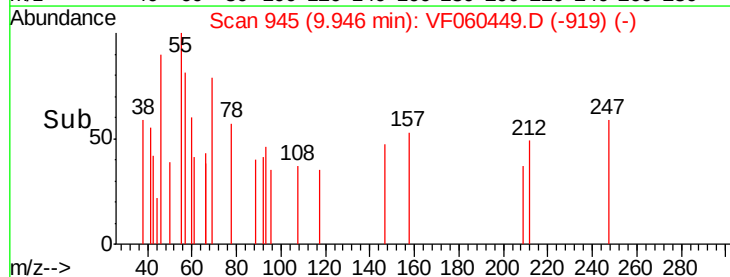
9.95

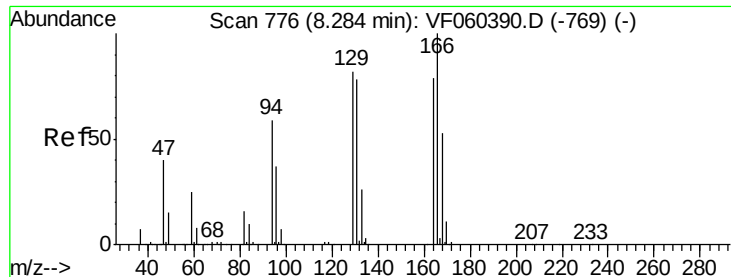
100

50

0

Time-->





#64

Tetrachloroethene

Concen: 277.177 ug/l

RT: 8.22 min Scan# 770

Delta R.T. -0.06 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampled :

T-1A

Tot Ion:164 Resp: 130

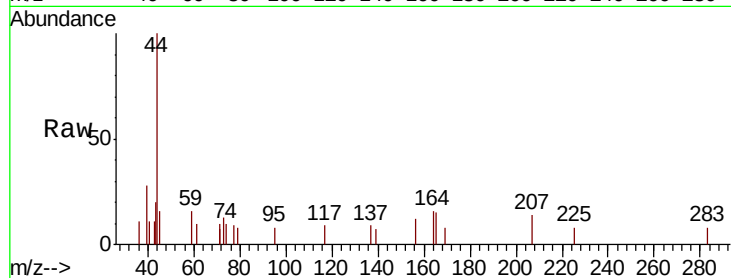
Ion Ratio Lower Upper

164 100

166 0.0 101.0 151.6#

129 0.0 82.5 123.7#

131 0.0 79.2 118.8#

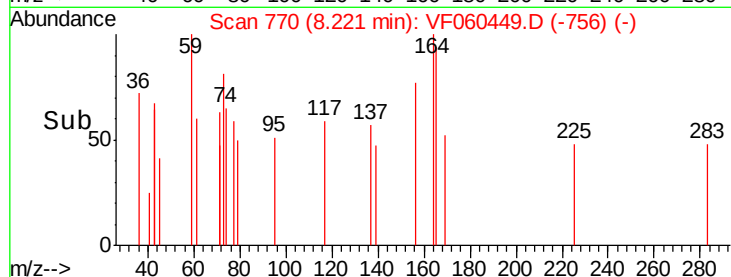
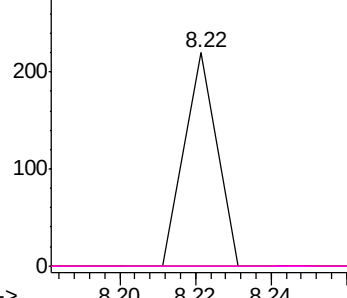


Abundance Ion 163.85 (163.55 to 164.55): V

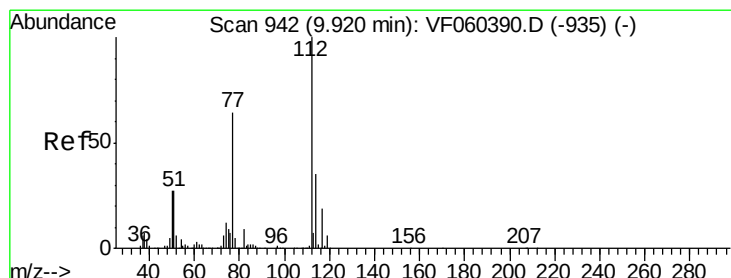
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#65

Chlorobenzene

Concen: 51.156 ug/l

RT: 9.83 min Scan# 933

Delta R.T. -0.09 min

Lab File: VF060449.D

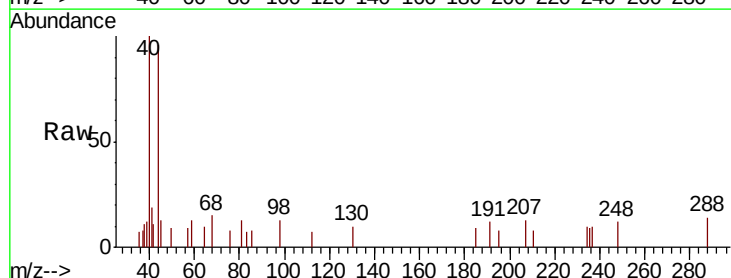
Acq: 4 Oct 2018 21:23

Tgt Ion:112 Resp: 62

Ion Ratio Lower Upper

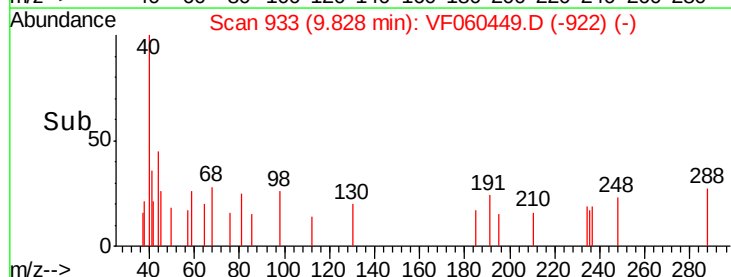
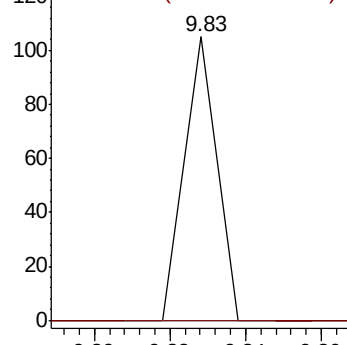
112 100

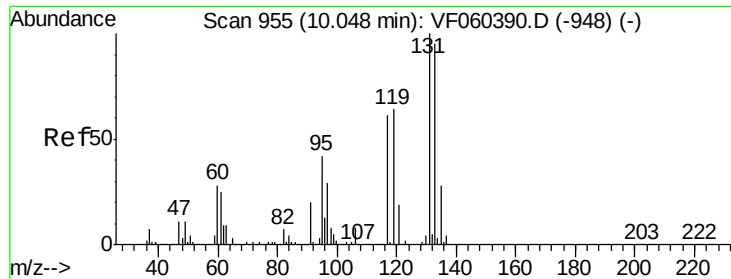
114 0.0 27.7 41.5#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 136.057 ug/l

RT: 10.19 min Scan# 970

Delta R.T. 0.14 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

T-1A

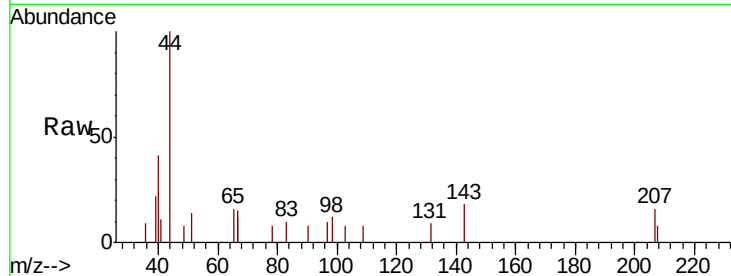
Tot Ion:131 Resp: 72

Ion Ratio Lower Upper

131 100

133 0.0 47.3 141.8#

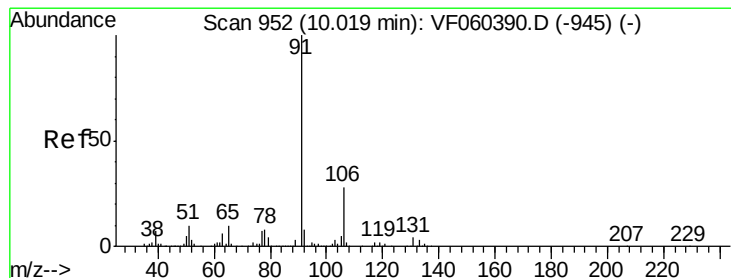
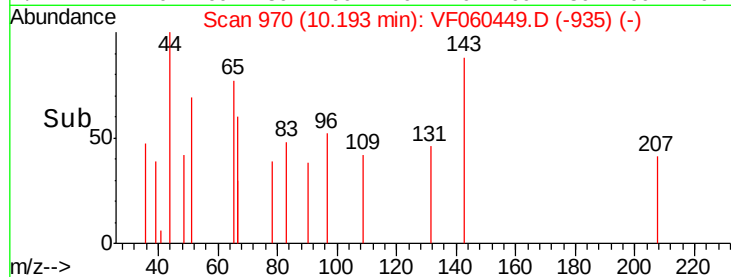
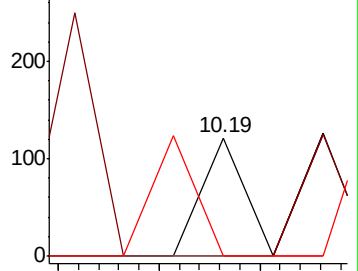
119 0.0 32.3 96.9#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 26.905 ug/l

RT: 10.08 min Scan# 959

Delta R.T. 0.07 min

Lab File: VF060449.D

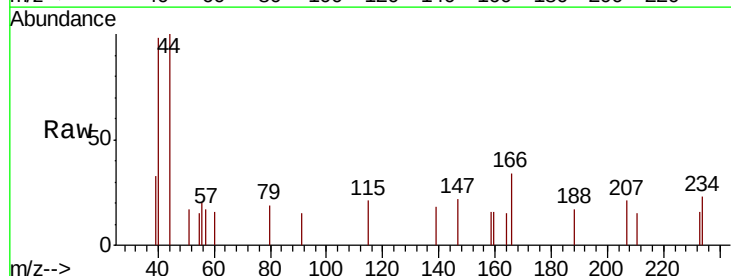
Acq: 4 Oct 2018 21:23

Tgt Ion: 91 Resp: 62

Ion Ratio Lower Upper

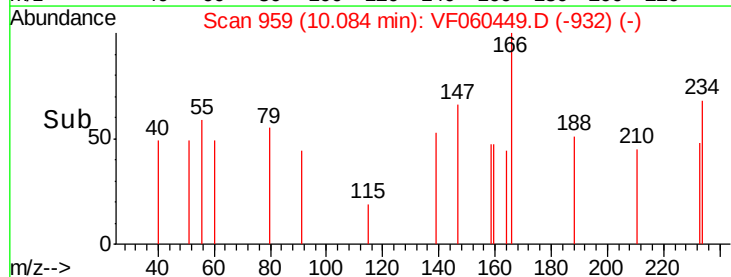
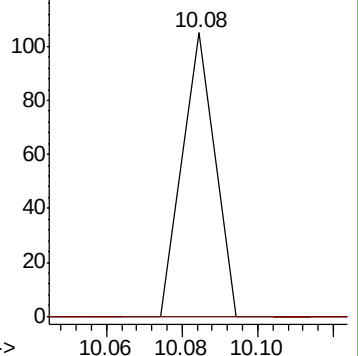
91 100

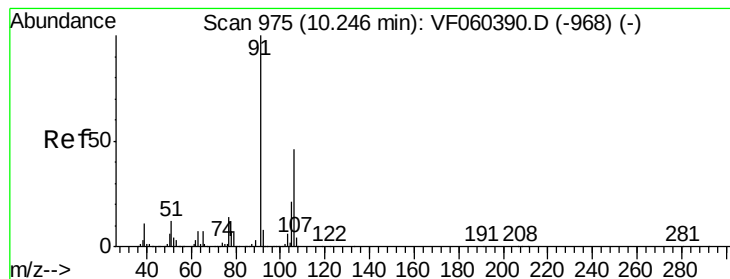
106 0.0 22.5 33.7#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 88.363 ug/l

RT: 10.37 min Scan# 988

Delta R.T. 0.12 min

Lab File: VF060449.D

Acq: 4 Oct 2018 21:23

Instrument :

MSVOA_F

ClientSampleId :

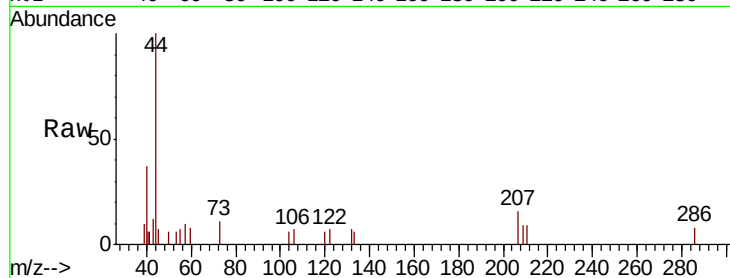
T-1A

Tot Ion:106 Resp: 70

Ion Ratio Lower Upper

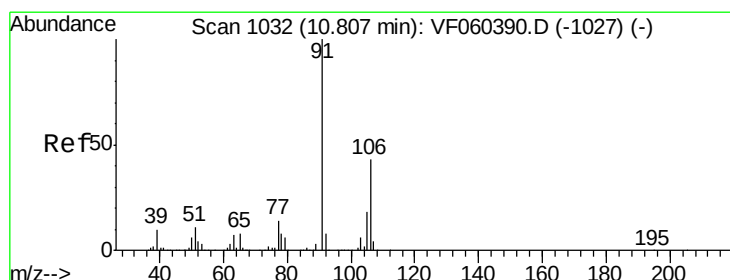
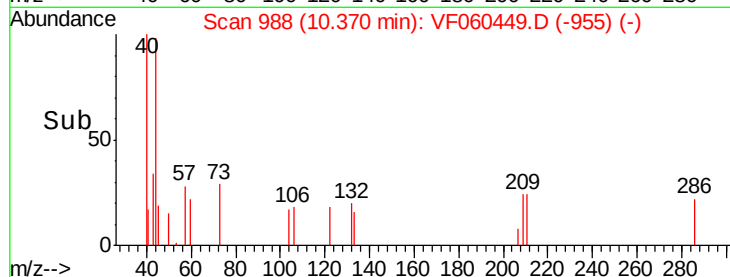
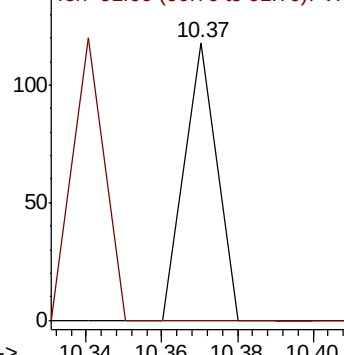
106 100

91 0.0 175.0 262.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 218.879 ug/l

RT: 10.79 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VF060449.D

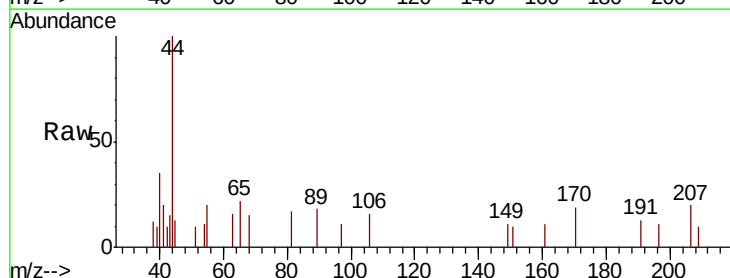
Acq: 4 Oct 2018 21:23

Tgt Ion:106 Resp: 189

Ion Ratio Lower Upper

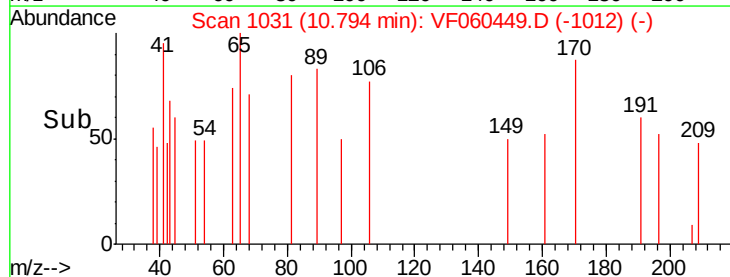
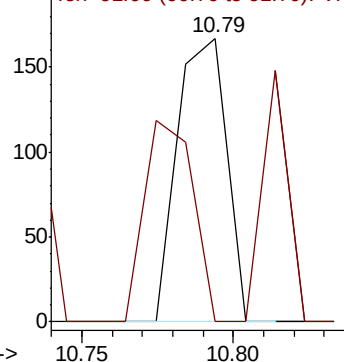
106 100

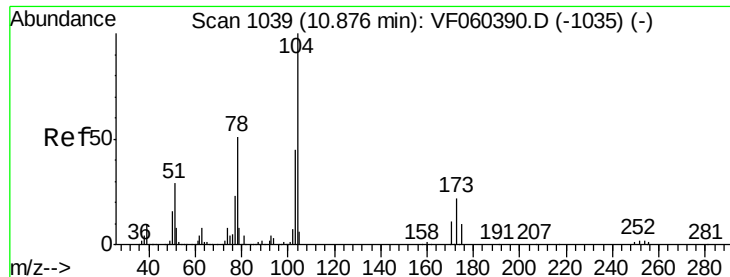
91 0.0 115.1 345.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

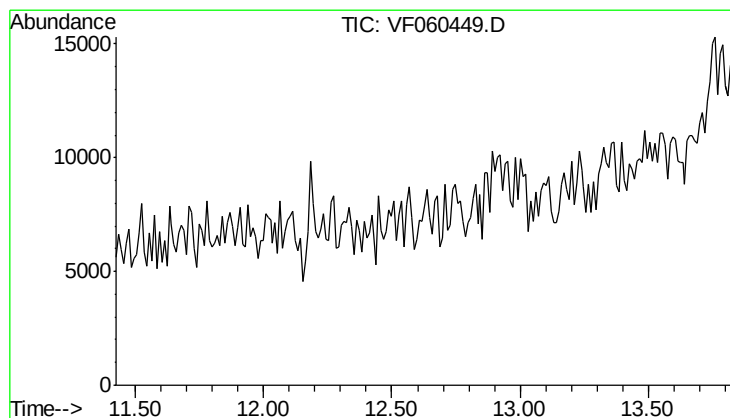
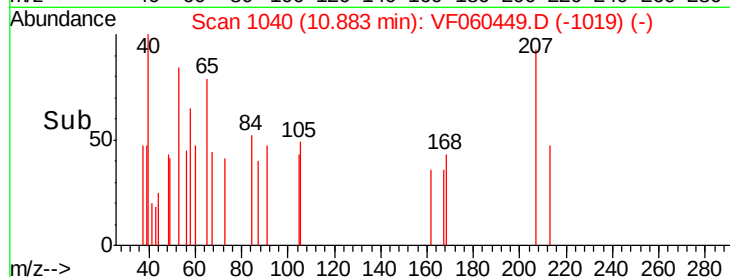
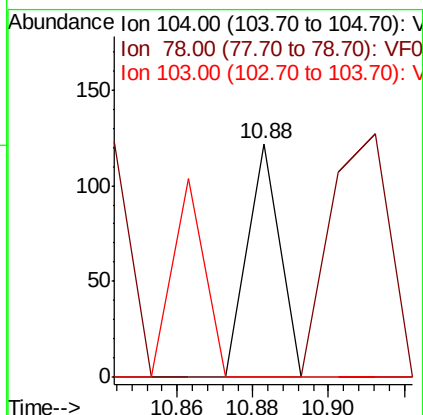
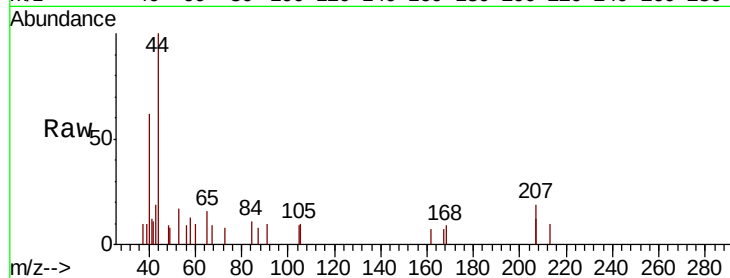




#70
Stvrene
Concen: 58.621 ug/l
RT: 10.88 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Instrument :
MSVOA_F
ClientSampled :
T-1A

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	41.0	61.4#
103	0.0	36.4	54.6#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VF060449.D
Acq: 4 Oct 2018 21:23

Tgt Ion	Sig	Exp Ratio
152	100	
115	57.2	
150	162.3	

