

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
 Data File : VF060036.D
 Acq On : 22 Aug 2018 13:26
 Operator : VA/AP
 Sample : J4561-01RE
 Misc : 6.52g/5mL/MSVOA_F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7RE

Quant Time: Aug 23 04:24:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	195375	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	374467	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.96	117	93075	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	147972	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	134700	50.37	ug/l	0.01
Spiked Amount 50.000			Recovery =	100.74%		
35) Dibromofluoromethane	4.32	113	118794	40.40	ug/l	0.02
Spiked Amount 50.000			Recovery =	80.80%		
50) Toluene-d8	7.75	98	254123	30.43	ug/l	0.02
Spiked Amount 50.000			Recovery =	60.86%		
62) 4-Bromofluorobenzene	11.44	95	1261716	285.60	ug/l	-0.07
Spiked Amount 50.000			Recovery =	571.20%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	2654	Below Cal	#	84
11) Tert butyl alcohol	2.69	59	597	4.197	ug/l #	80
13) Acrolein	2.10	56	4448	72.116	ug/l #	1
14) Allyl chloride	2.28	41	186011	84.330	ug/l #	27
15) Acrylonitrile	3.07	53	11826	42.127	ug/l #	45
16) Acetone	2.34	43	20957	29.821	ug/l	97
17) Carbon Disulfide	1.85	76	20565	5.289	ug/l	100
18) Methyl Acetate	2.51	43	4762	Below Cal	#	60
20) Methylene Chloride	2.29	84	6823	Below Cal	#	53
23) Vinyl Acetate	3.29	43	34705	13.263	ug/l	96
25) 2-Butanone	4.53	43	34236	37.505	ug/l #	70
29) Tetrahydrofuran	4.27	42	47007	136.391	ug/l #	53
31) Cyclohexane	3.72	56	8629	3.711	ug/l #	45
37) Ethyl Acetate	4.27	43	23742	11.281	ug/l #	1
39) Methylcyclohexane	5.70	83	309738	93.872	ug/l #	24
43) Isopropyl Acetate	7.15	43	104067	39.288	ug/l #	47
45) 1,2-Dichloropropane	6.46	63	6414	2.950	ug/l #	1
46) Dibromomethane	6.17	93	10376	6.098	ug/l #	1
47) Bromodichloromethane	6.64	83	8726	2.123	ug/l #	1
48) Methyl methacrylate	6.88	41	797967	455.252	ug/l #	71
49) 1,4-Dioxane	7.04	88	70	4.160	ug/l #	1
51) 4-Methyl-2-Pentanone	8.48	43	1154795	504.845	ug/l #	49
52) Toluene	7.81	92	12036	Below Cal	#	1
56) Ethyl methacrylate	8.92	69	3658317	1457.114	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.85	63	29131	146.176	ug/l	100
59) 2-Hexanone	9.62	43	2052252	1108.518	ug/l #	34
64) Tetrachloroethene	8.36	164	1616	2.577	ug/l #	76
65) Chlorobenzene	9.94	112	123085	70.033	ug/l #	42
67) Ethyl Benzene	9.97	91	45409	14.974	ug/l #	47
69) o-Xylene	10.88	106	5151	4.335	ug/l #	1
74) N-amyl acetate	11.43	43	378734	136.799	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.86	83	3036902	1561.213	ug/l #	44
76) 1,2,3-Trichloropropane	11.93	75	6358	4.215	ug/l #	1
77) Bromobenzene	11.59	156	24456	10.096	ug/l #	1

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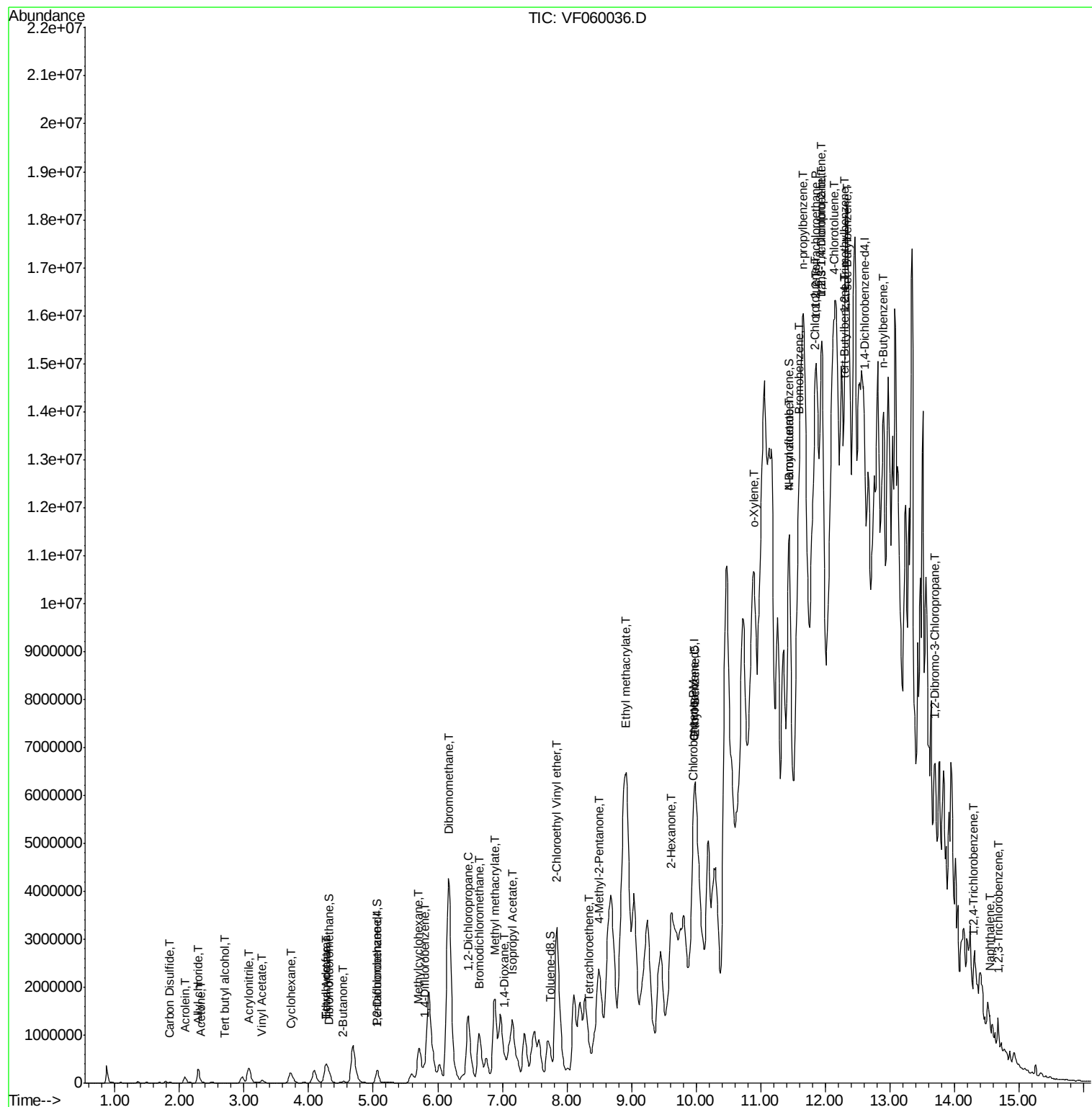
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.65	91	406184	36.948	ug/l #	55
79) 2-Chlorotoluene	11.83	91	26915	4.164	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.93	75	6358	9.212	ug/l #	1
82) 4-Chlorotoluene	12.13	91	106900	15.232	ug/l	83
83) tert-Butylbenzene	12.28	119	537981	71.081	ug/l #	59
84) 1,2,4-Trimethylbenzene	12.29	105	10535	1.277	ug/l #	1
85) sec-Butylbenzene	12.35	105	12263	1.164	ug/l #	62
89) n-Butylbenzene	12.89	91	71898	8.466	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	13.70	75	1282	3.225	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.28	180	6188	1.951	ug/l #	42
95) Naphthalene	14.55	128	15390	4.955	ug/l #	14
96) 1,2,3-Trichlorobenzene	14.68	180	5198	1.718	ug/l #	3

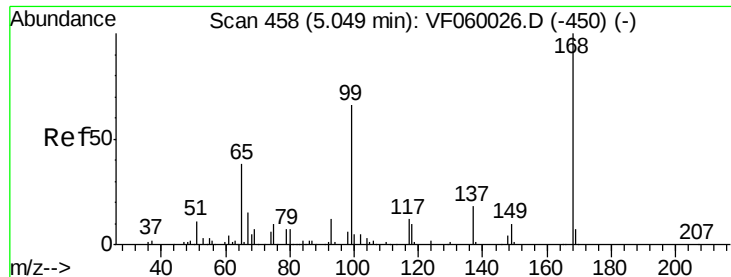
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

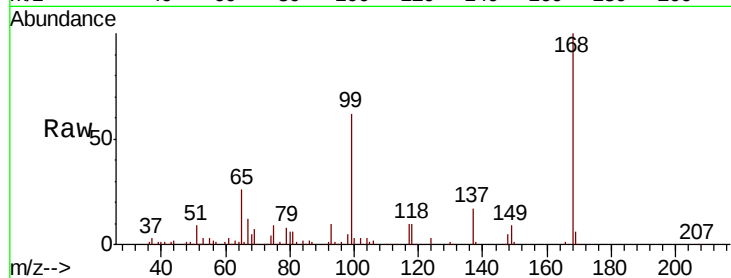
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion:168 Resp: 195375

Ion Ratio Lower Upper

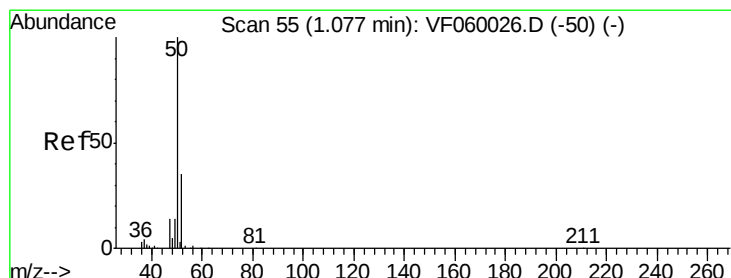
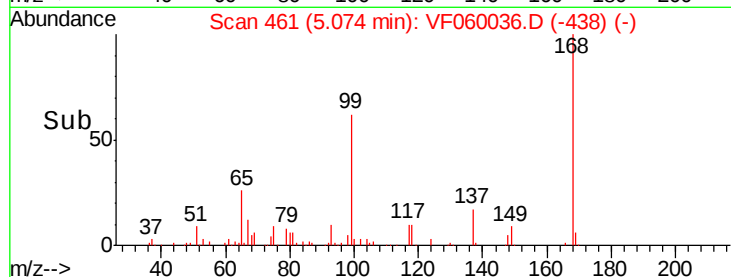
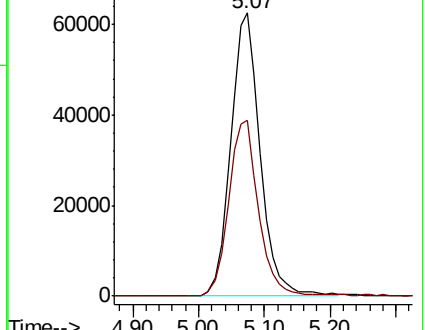
168 100

99 62.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: Below Cal

RT: 1.09 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF060036.D

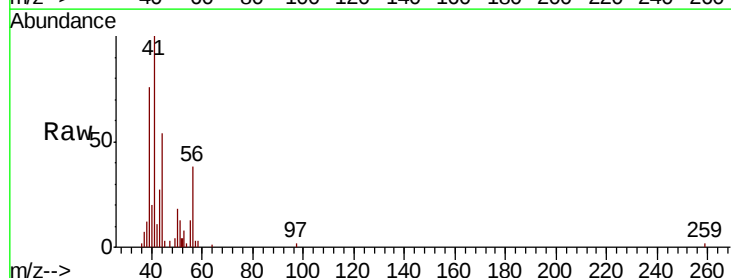
Acq: 22 Aug 2018 13:26

Tgt Ion: 50 Resp: 2654

Ion Ratio Lower Upper

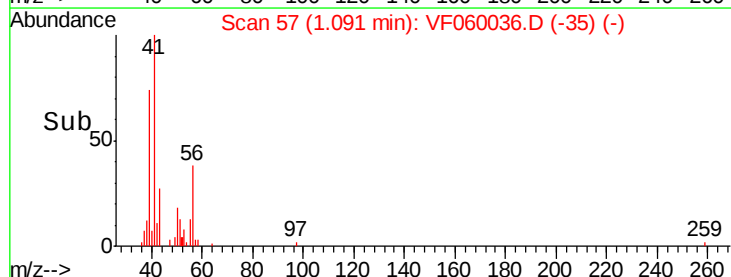
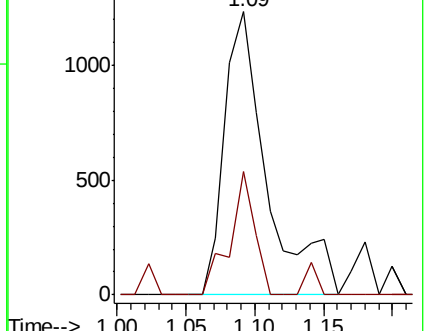
50 100

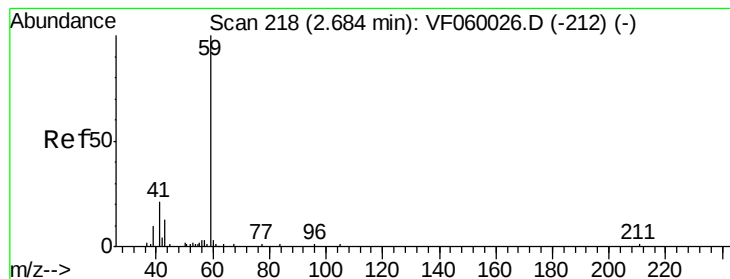
52 43.7 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



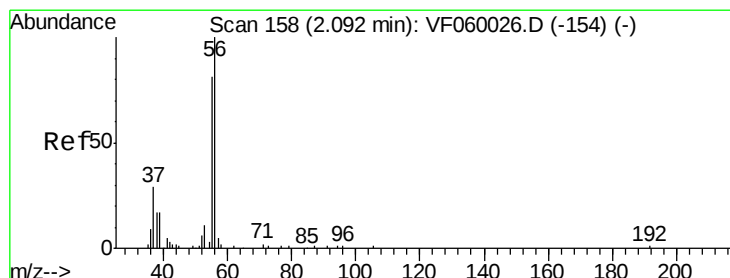
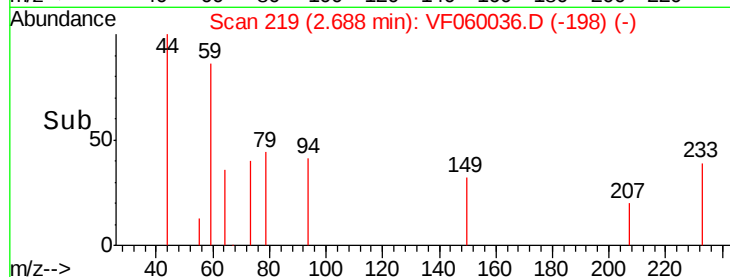
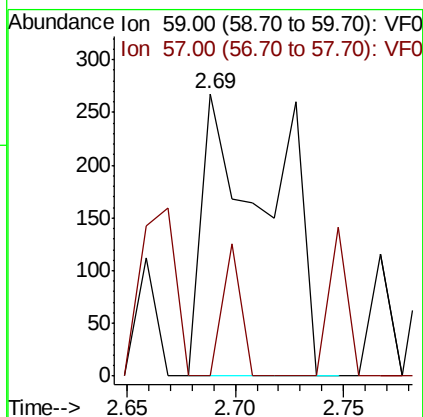
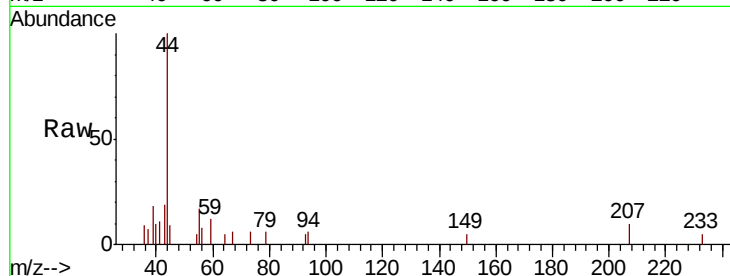


#11

Tert butyl alcohol
 Concen: 4.197 ug/l
 RT: 2.69 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

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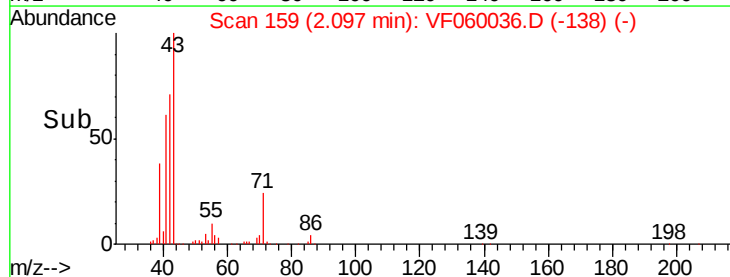
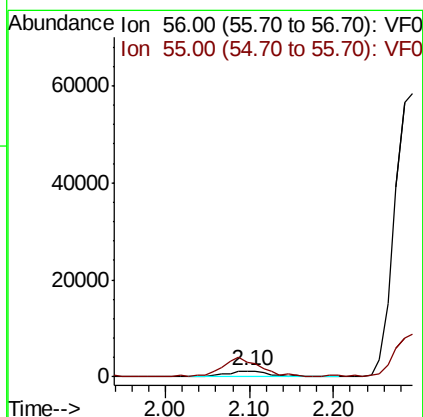
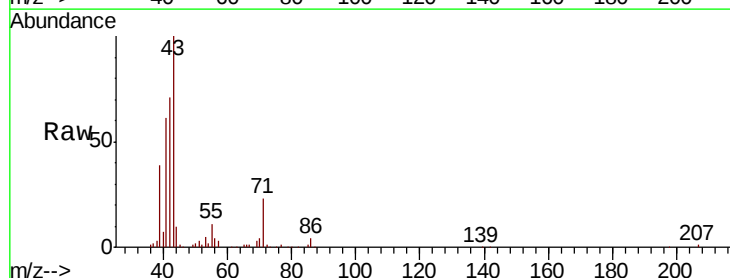
Tgt Ion: 59 Resp: 597
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.4 8.2#

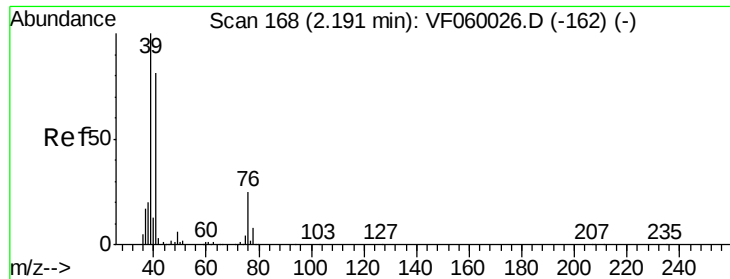


#13

Acrolein
 Concen: 72.116 ug/l
 RT: 2.10 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

Tgt Ion: 56 Resp: 4448
 Ion Ratio Lower Upper
 56 100
 55 258.6 65.6 98.4#

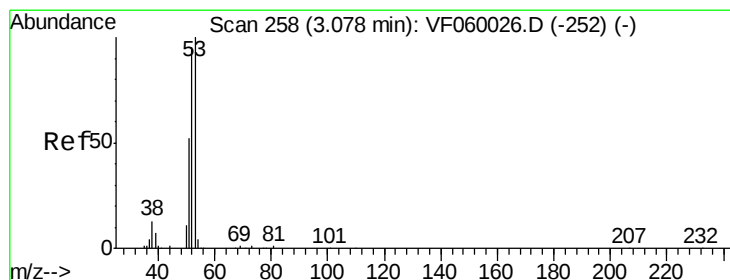
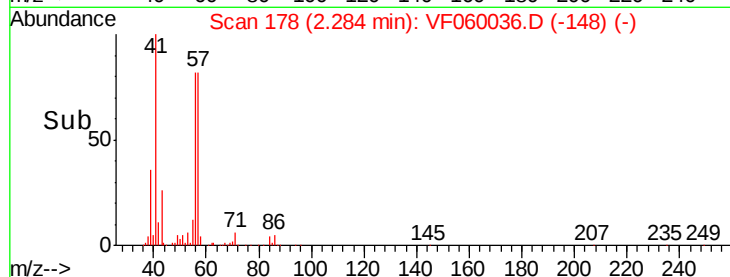
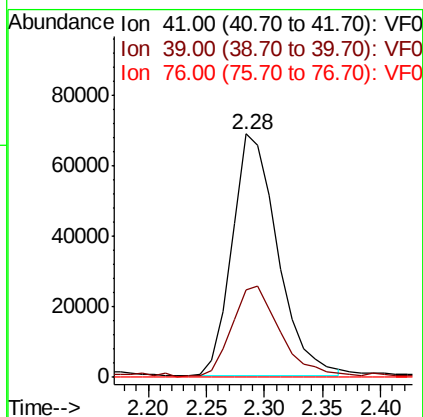
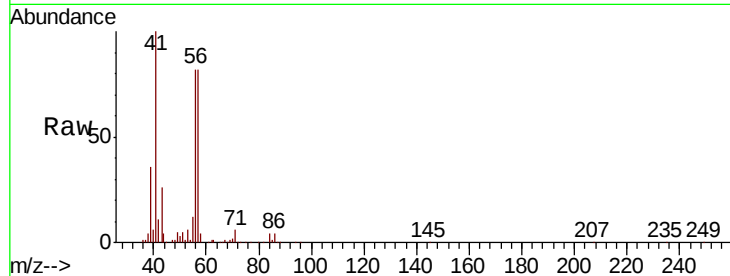




#14
 Allyl chloride
 Concen: 84.330 ug/l
 RT: 2.28 min Scan# 178
 Delta R.T. 0.09 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

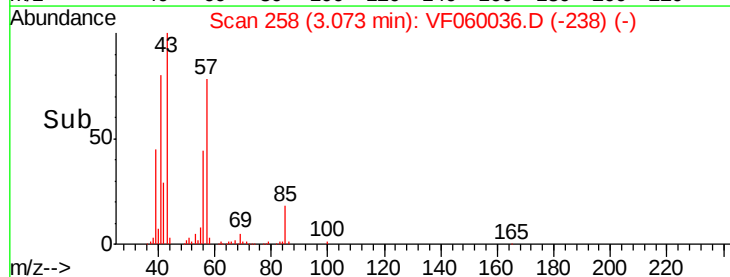
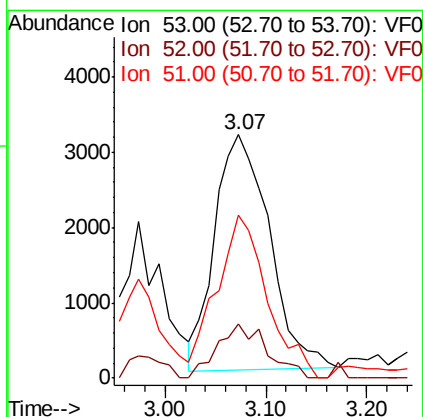
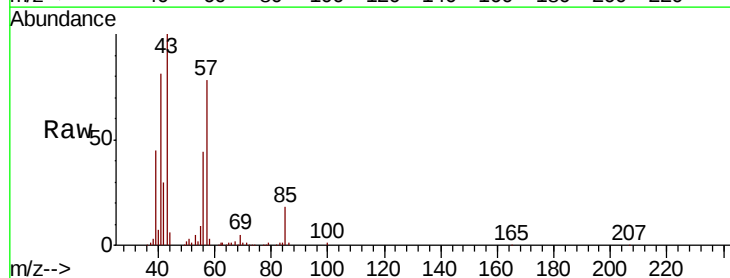
Instrument :
 MSVOA_F
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7RE

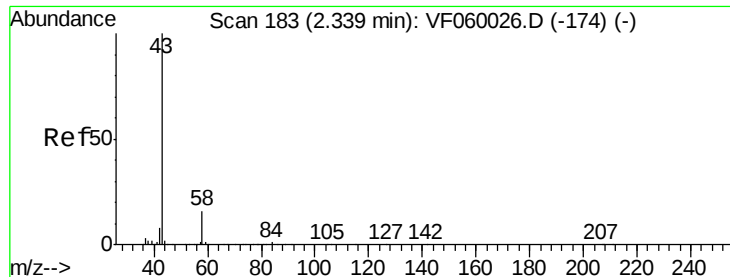
Tgt Ion: 41 Resp: 186011
 Ion Ratio Lower Upper
 41 100
 39 36.1 99.3 148.9#
 76 0.0 24.3 36.5#



#15
 Acrylonitrile
 Concen: 42.127 ug/l
 RT: 3.07 min Scan# 258
 Delta R.T. -0.01 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

Tgt Ion: 53 Resp: 11826
 Ion Ratio Lower Upper
 53 100
 52 22.1 75.8 113.8#
 51 66.8 42.1 63.1#





#16

Acetone

Concen: 29.821 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

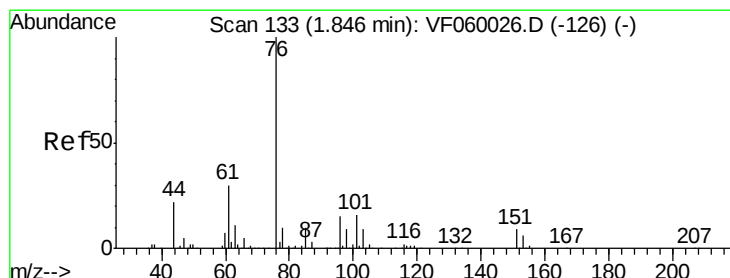
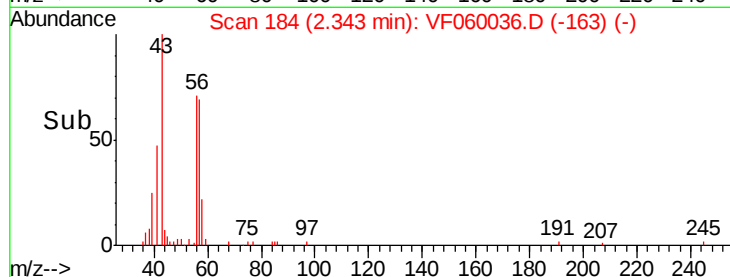
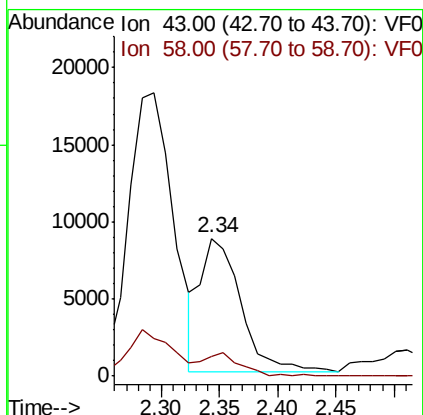
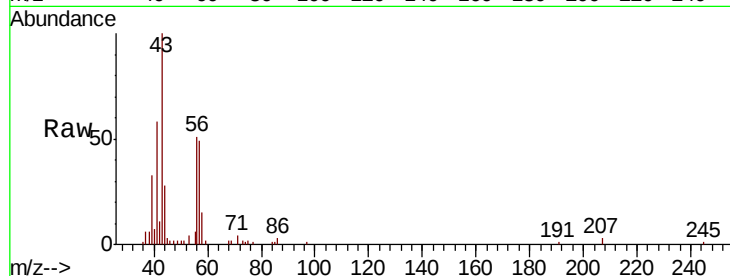
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 43 Resp: 20957

Ion Ratio Lower Upper

43 100

58 14.7 12.6 19.0



#17

Carbon Disulfide

Concen: 5.289 ug/l

RT: 1.85 min Scan# 134

Delta R.T. 0.00 min

Lab File: VF060036.D

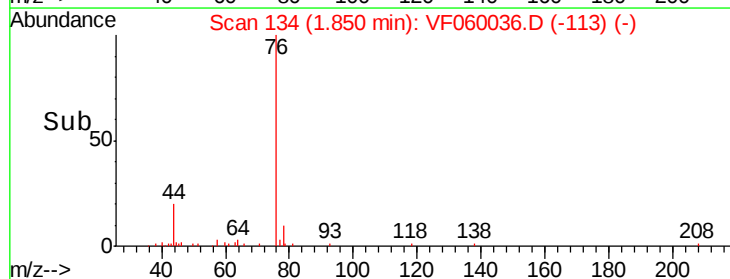
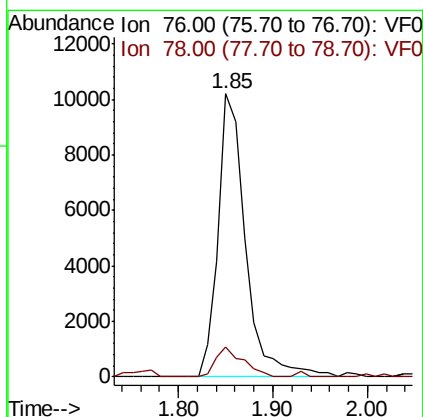
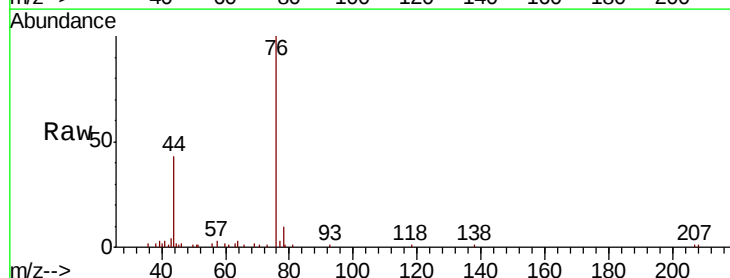
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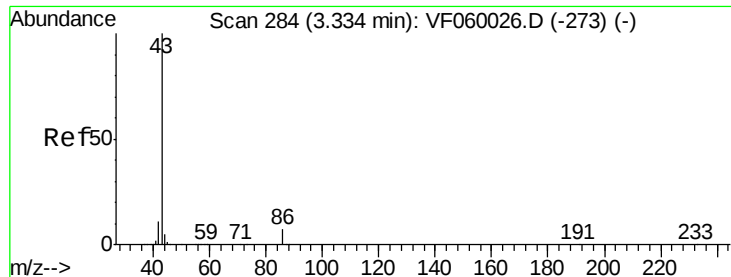
Tgt Ion: 76 Resp: 20565

Ion Ratio Lower Upper

76 100

78 10.4 8.4 12.6





#23

Vinyl Acetate

Concen: 13.263 ug/l

RT: 3.29 min Scan# 280

Delta R.T. -0.04 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

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ClientSampleId :

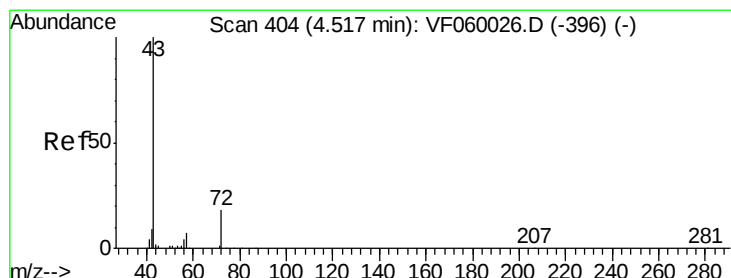
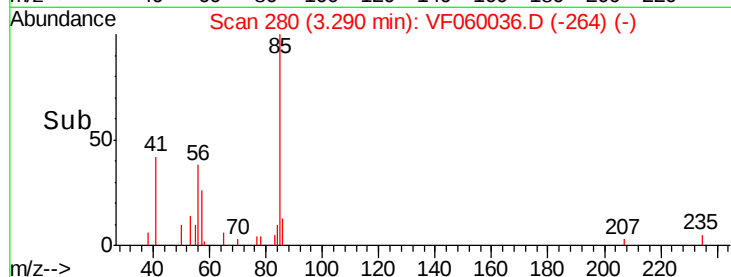
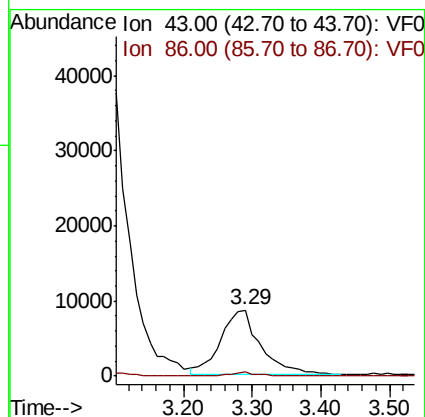
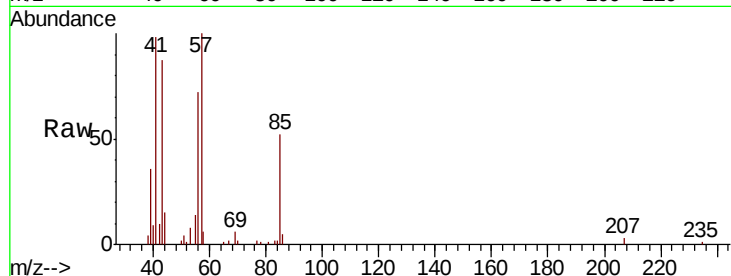
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 43 Resp: 34705

Ion Ratio Lower Upper

43 100

86 5.7 5.6 8.4



#25

2-Butanone

Concen: 37.505 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.01 min

Lab File: VF060036.D

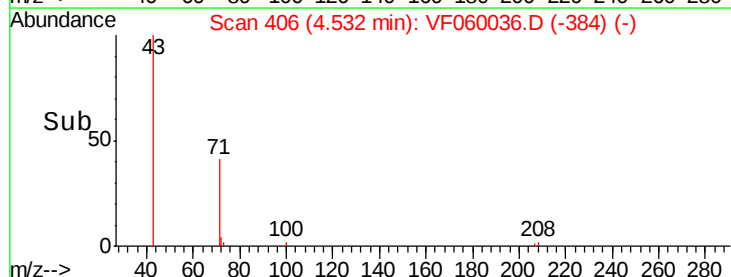
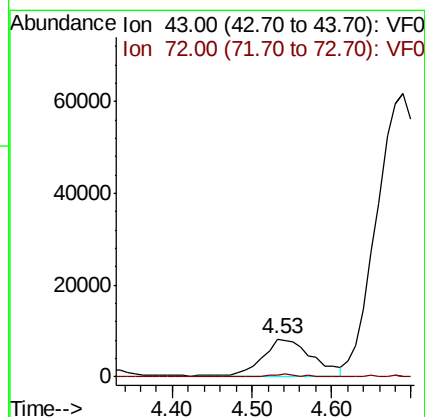
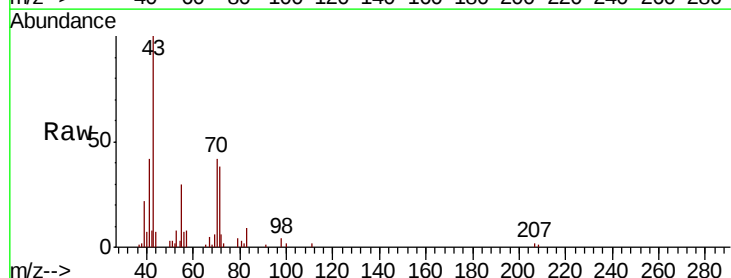
Acq: 22 Aug 2018 13:26

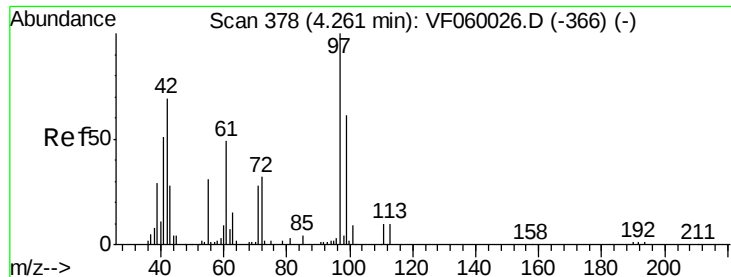
Tgt Ion: 43 Resp: 34236

Ion Ratio Lower Upper

43 100

72 5.5 15.0 22.6#





#29

Tetrahydrofuran

Concen: 136.391 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

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ClientSampleId :

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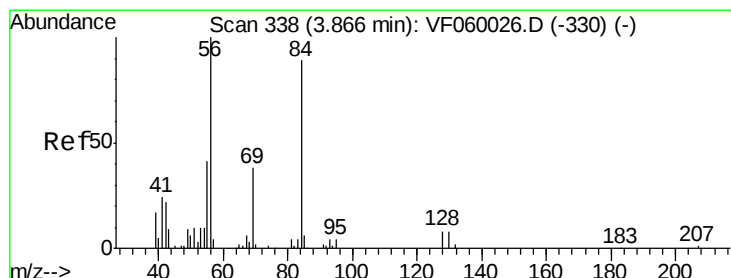
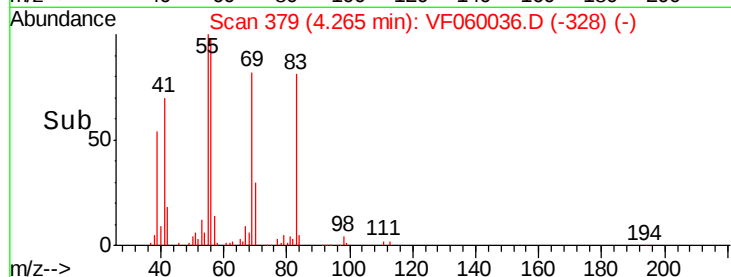
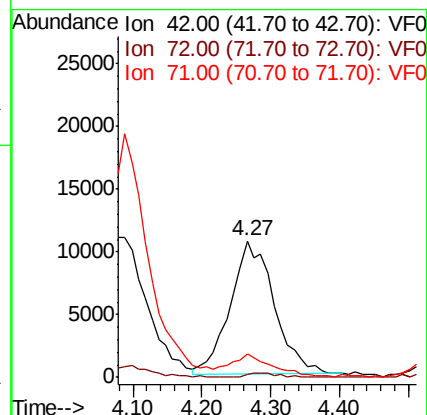
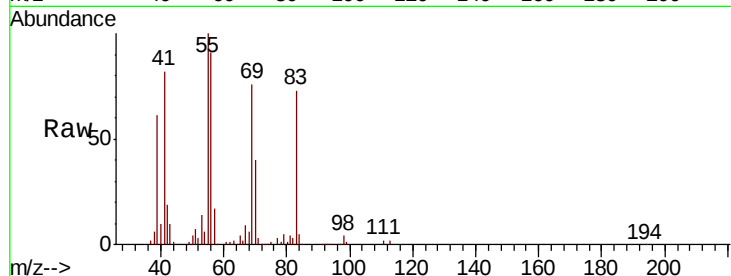
Tgt Ion: 42 Resp: 47007

Ion Ratio Lower Upper

42 100

72 2.2 31.4 47.2#

71 17.2 29.7 44.5#



#31

Cyclohexane

Concen: 3.711 ug/l

RT: 3.72 min Scan# 324

Delta R.T. -0.14 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

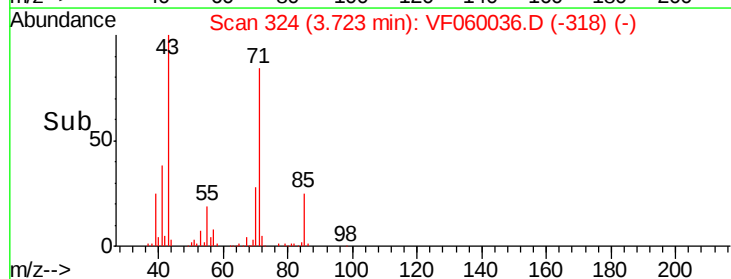
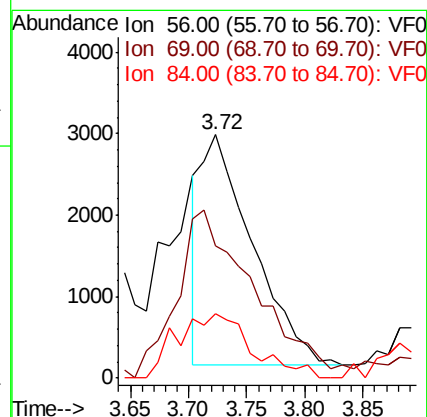
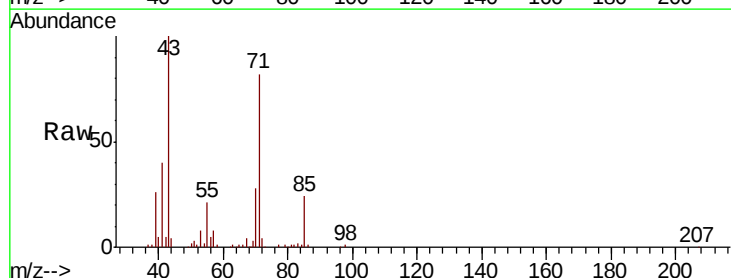
Tgt Ion: 56 Resp: 8629

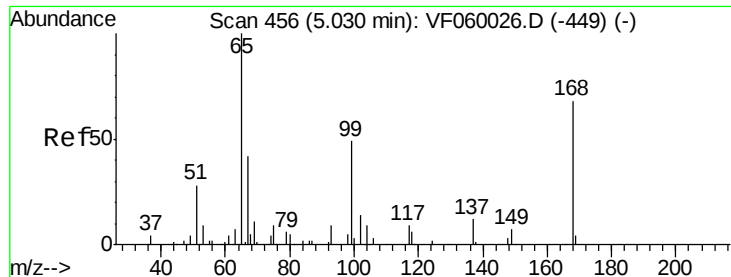
Ion Ratio Lower Upper

56 100

69 54.5 30.4 45.6#

84 26.7 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 50.375 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

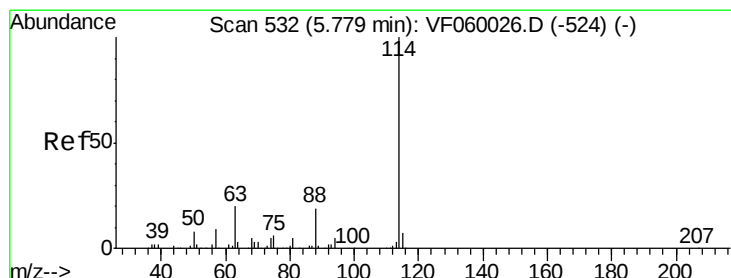
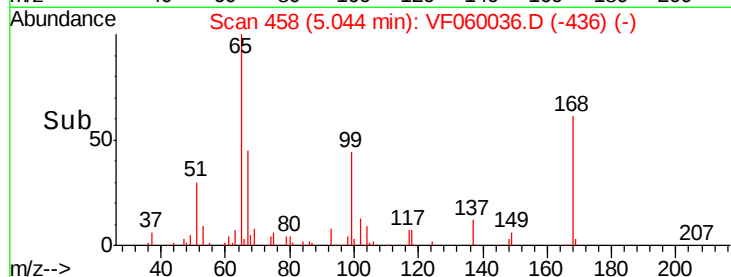
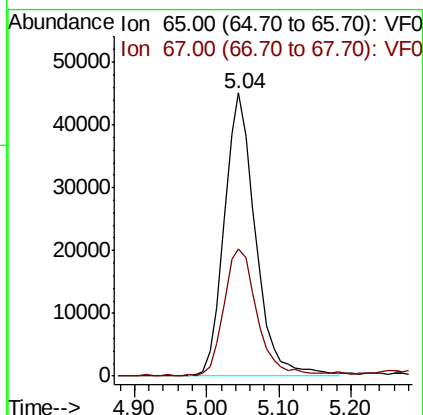
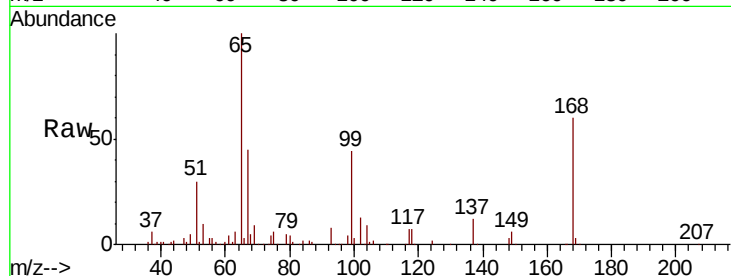
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 65 Resp: 134700

Ion Ratio Lower Upper

65 100

67 45.0 0.0 92.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

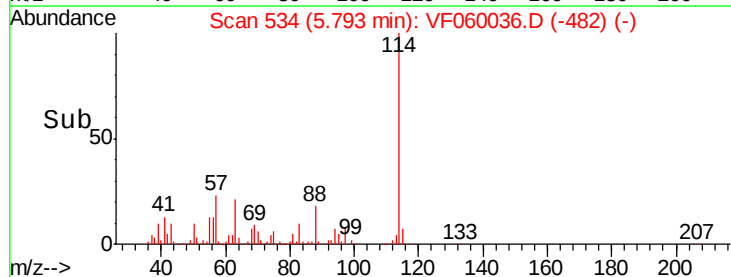
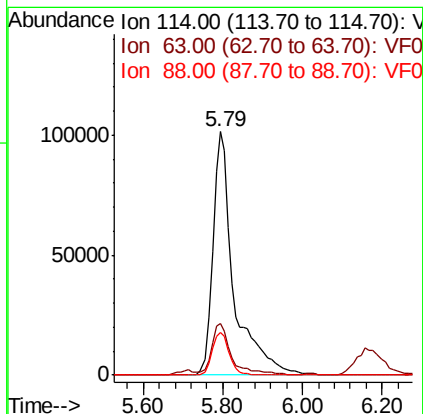
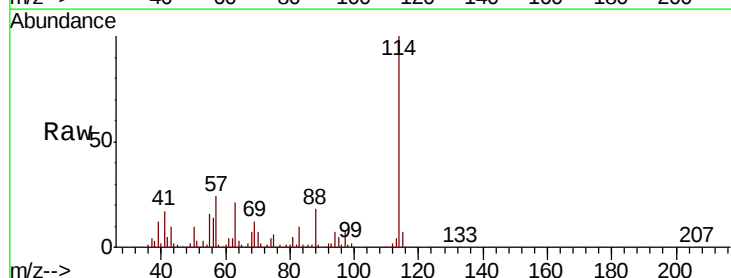
Tgt Ion: 114 Resp: 374467

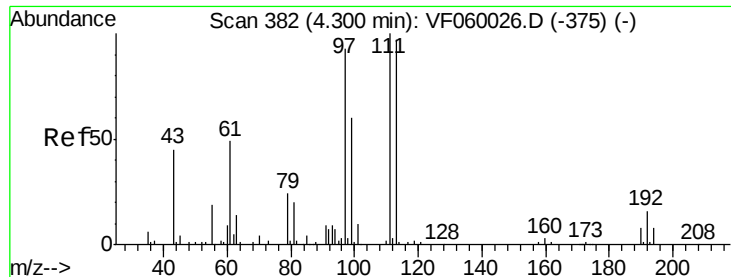
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.4

88 17.5 0.0 38.6

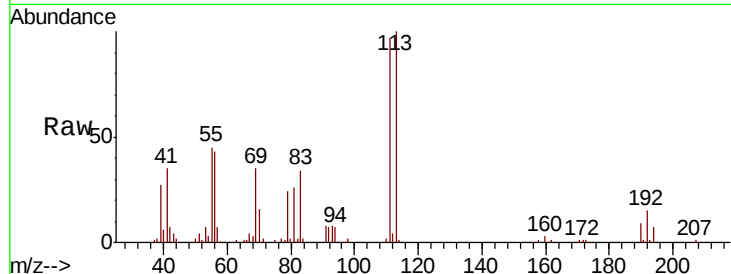




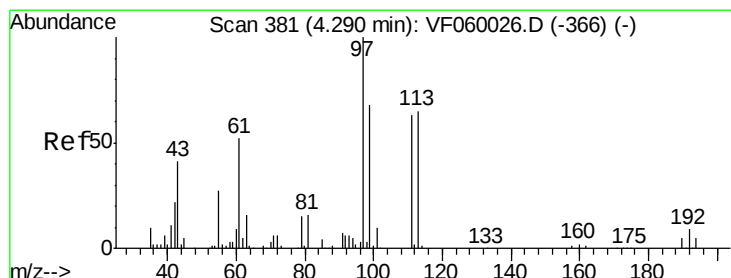
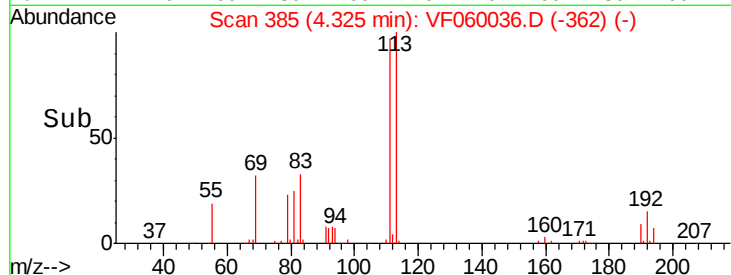
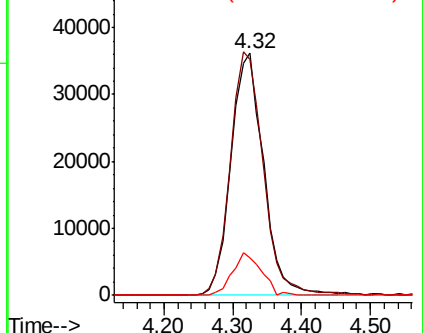
#35
 Dibromofluoromethane
 Concen: 40.399 ug/l
 RT: 4.32 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

Instrument :
 MSVOA_F
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7RE

Tgt Ion:113 Resp: 118794
 Ion Ratio Lower Upper
 113 100
 111 97.5 82.7 124.1
 192 15.4 13.0 19.4

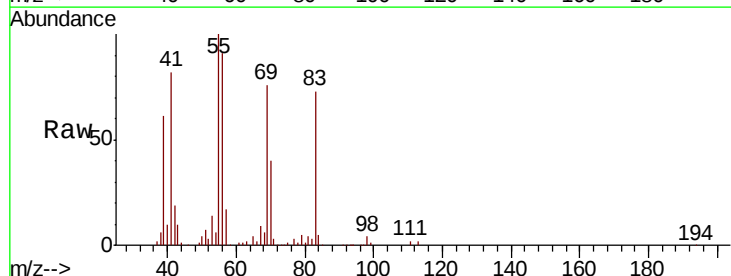


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

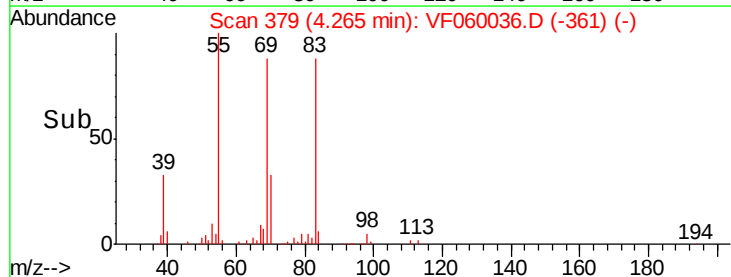
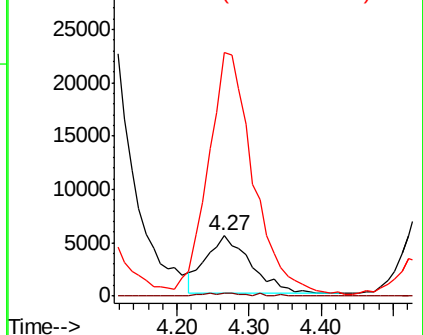


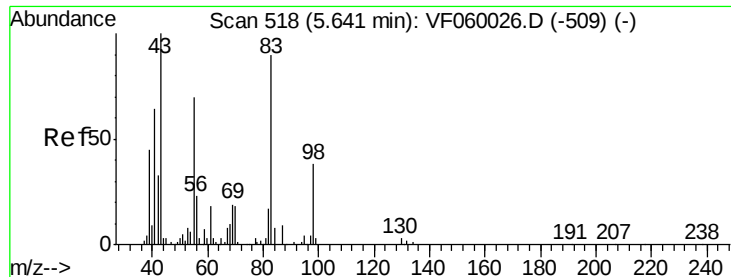
#37
 Ethyl Acetate
 Concen: 11.281 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

Tgt Ion: 43 Resp: 23742
 Ion Ratio Lower Upper
 43 100
 61 5.6 101.5 152.3#
 70 405.6 6.4 9.6#



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

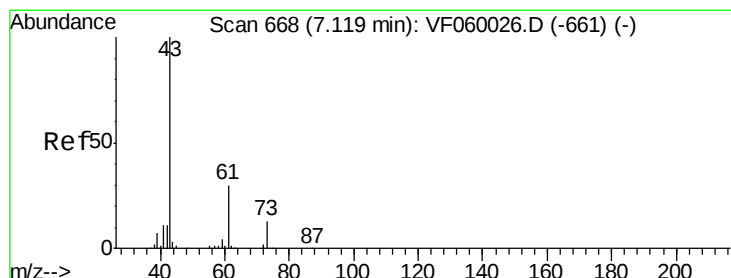
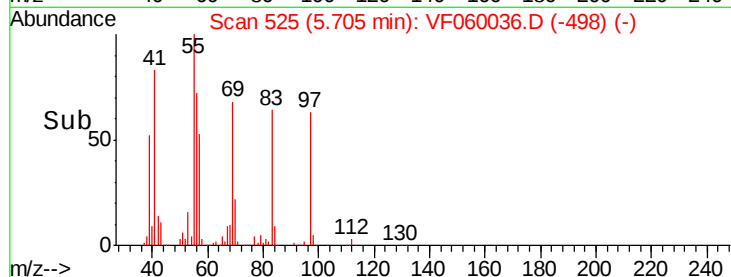
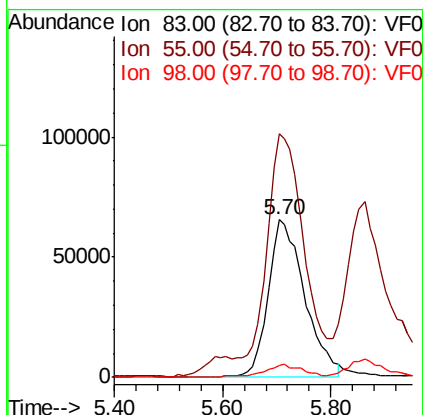
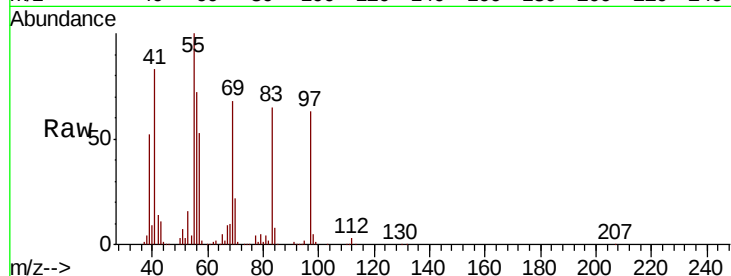




#39
Methylcyclohexane
Concen: 93.872 ug/l
RT: 5.70 min Scan# 525
Delta R.T. 0.06 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

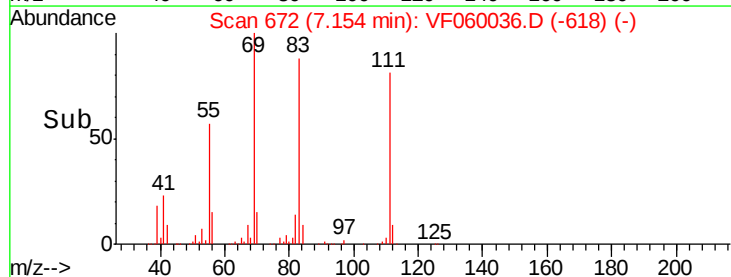
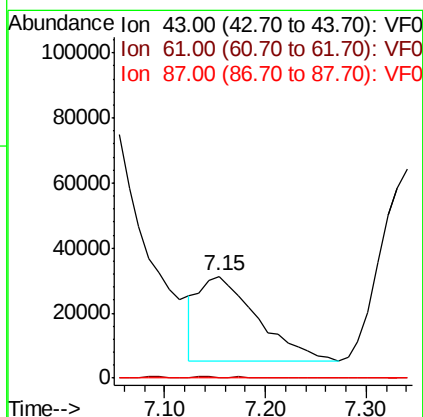
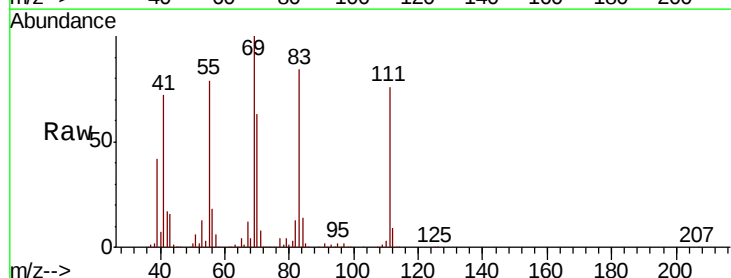
Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

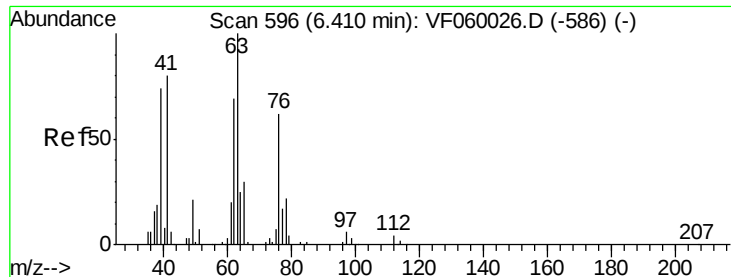
Tgt Ion: 83 Resp: 309738
Ion Ratio Lower Upper
83 100
55 154.7 62.7 94.1#
98 8.0 33.8 50.8#



#43
Isopropyl Acetate
Concen: 39.288 ug/l
RT: 7.15 min Scan# 672
Delta R.T. 0.03 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion: 43 Resp: 104067
Ion Ratio Lower Upper
43 100
61 0.8 23.8 35.6#
87 0.0 0.2 0.4#





#45

1,2-Dichloropropane

Concen: 2.950 ug/l

RT: 6.46 min Scan# 602

Delta R.T. 0.05 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

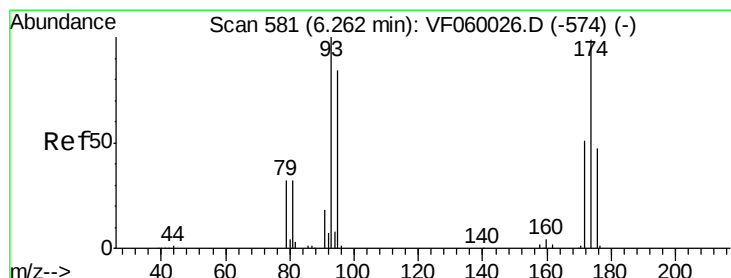
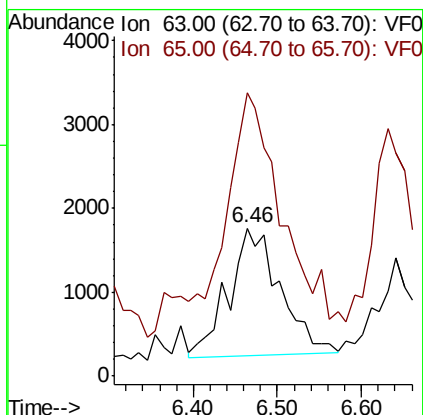
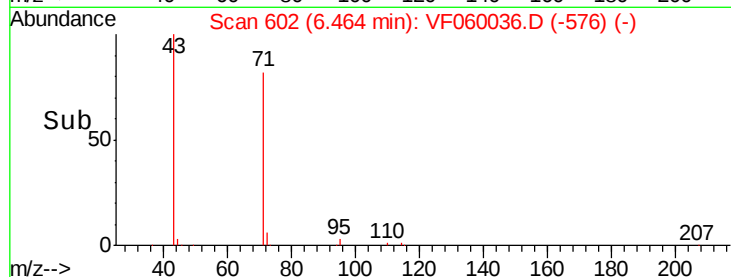
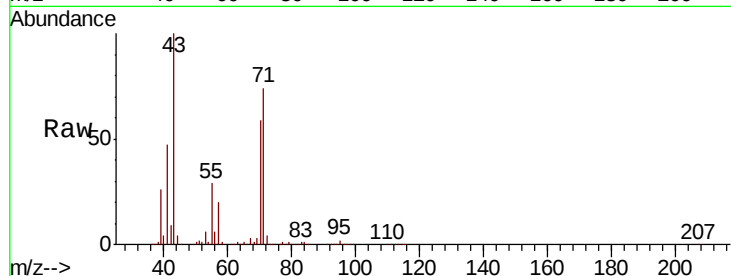
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 63 Resp: 6414

Ion Ratio Lower Upper

63 100

65 191.1 23.8 35.6#



#46

Dibromomethane

Concen: 6.098 ug/l

RT: 6.17 min Scan# 572

Delta R.T. -0.09 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

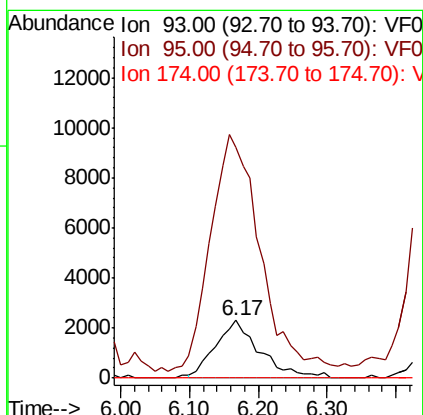
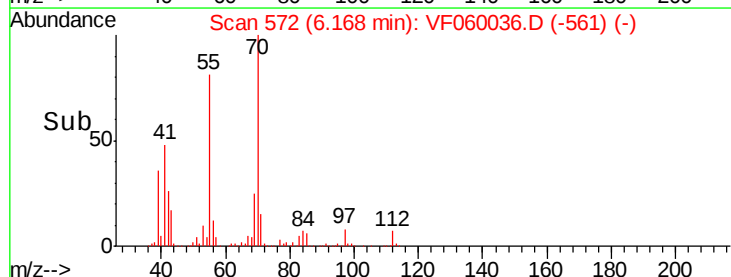
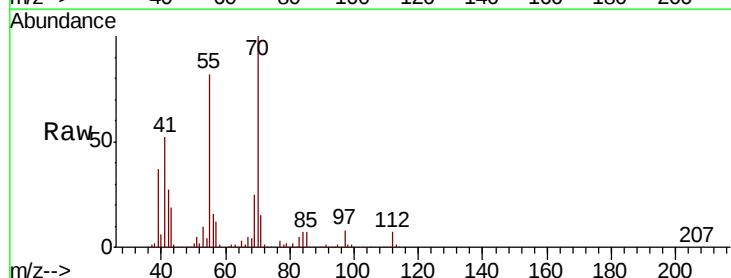
Tgt Ion: 93 Resp: 10376

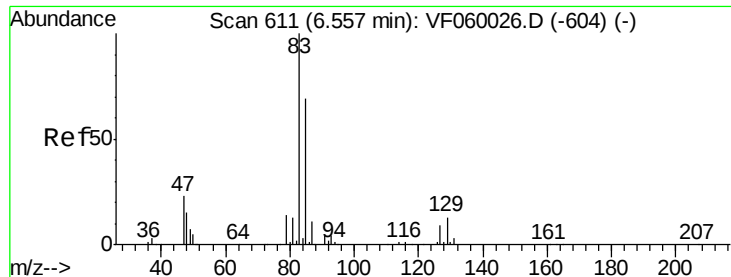
Ion Ratio Lower Upper

93 100

95 400.1 67.1 100.7#

174 0.0 79.0 118.4#





#47

Bromodichloromethane

Concen: 2.123 ug/l

RT: 6.64 min Scan# 620

Delta R.T. 0.08 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

H-R-P-T-WC-1-GRAB-7RE

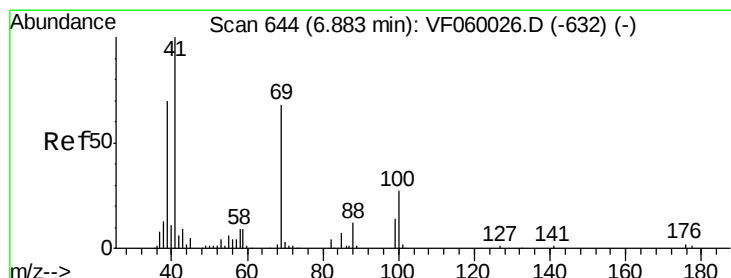
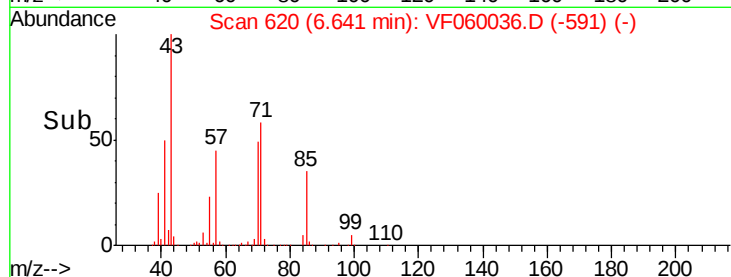
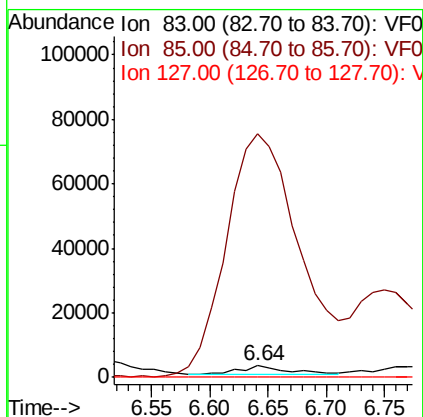
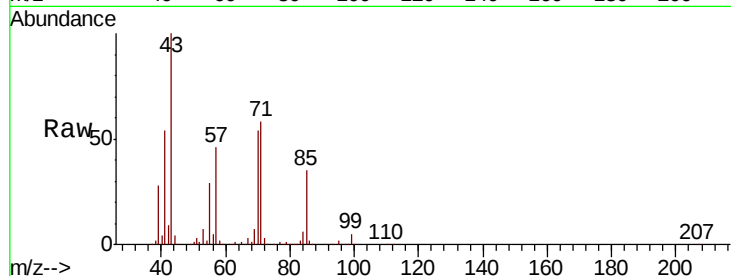
Tgt Ion: 83 Resp: 8726

Ion Ratio Lower Upper

83 100

85 2071.1 55.2 82.8#

127 0.0 7.3 10.9#



#48

Methyl methacrylate

Concen: 455.252 ug/l

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

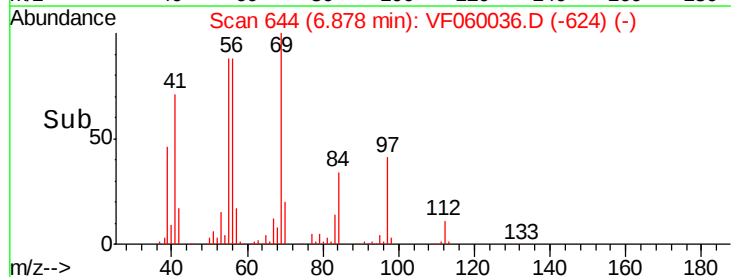
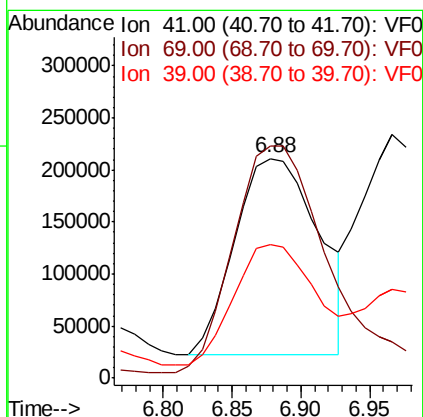
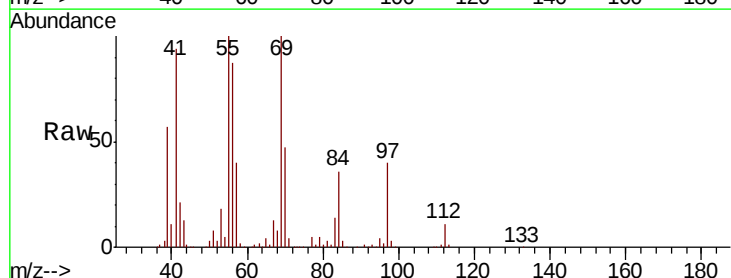
Tgt Ion: 41 Resp: 797967

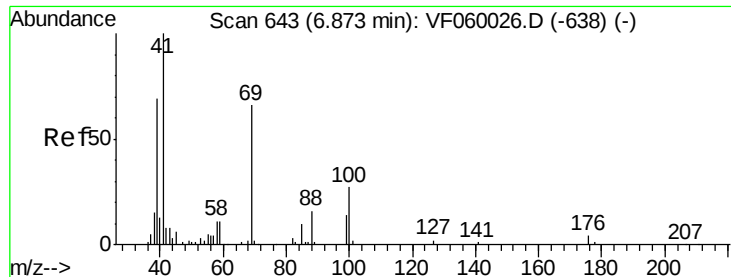
Ion Ratio Lower Upper

41 100

69 105.8 54.6 81.8#

39 60.6 56.5 84.7

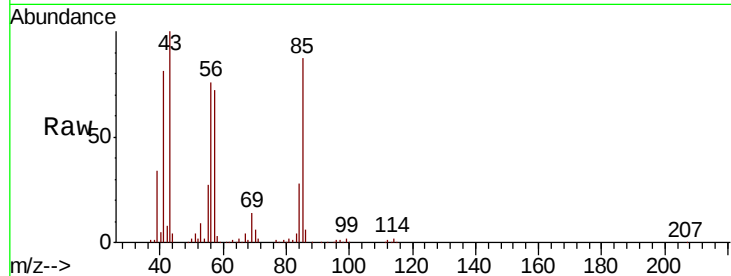




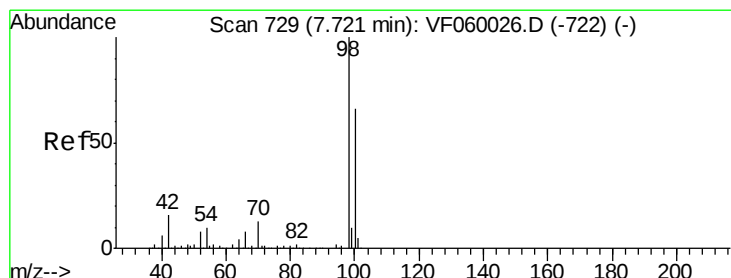
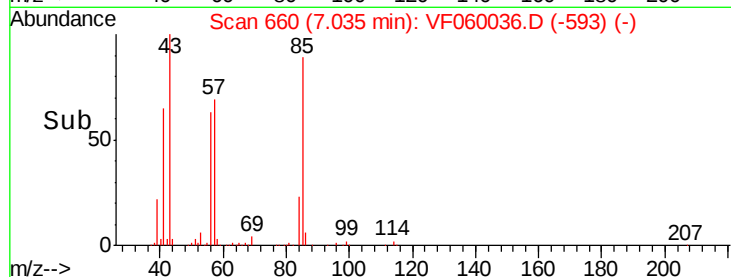
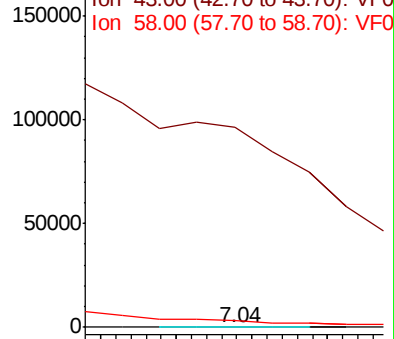
#49
1,4-Dioxane
Concen: 4.160 ug/l
RT: 7.04 min Scan# 660
Delta R.T. 0.16 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 81742.4 46.5 69.7#
58 2699.2 54.8 82.2#

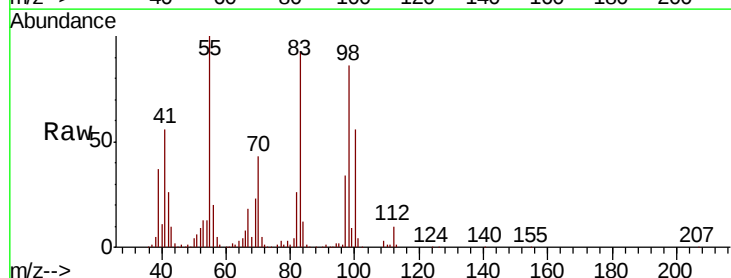


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

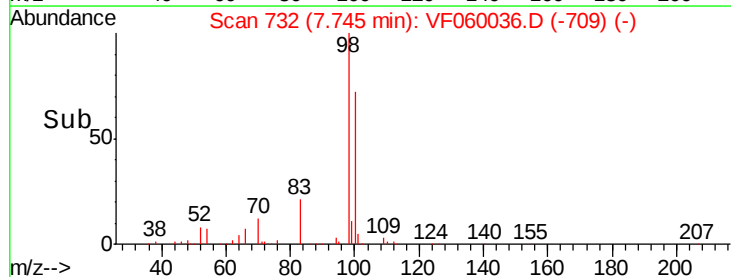
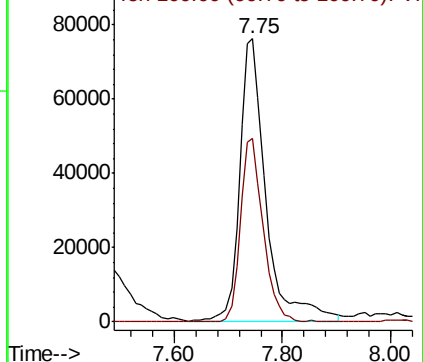


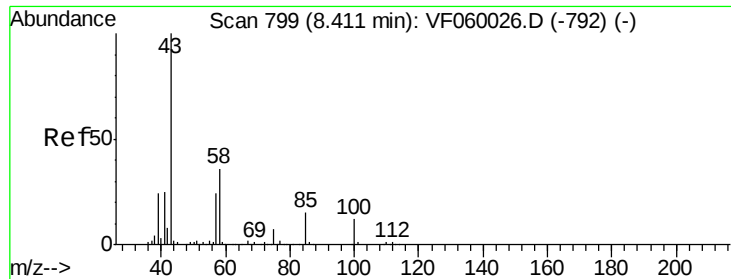
#50
Toluene-d8
Concen: 30.430 ug/l
RT: 7.75 min Scan# 732
Delta R.T. 0.02 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion: 98 Resp: 254123
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8



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: 504.845 ug/l

RT: 8.48 min Scan# 807

Delta R.T. 0.07 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

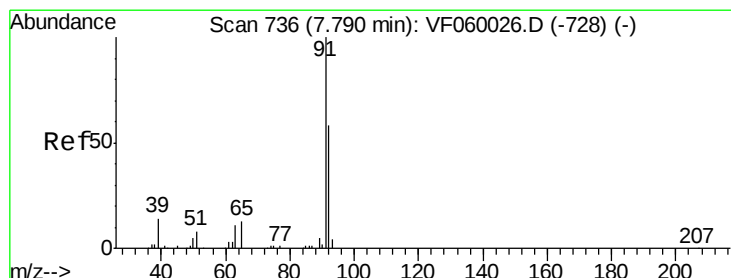
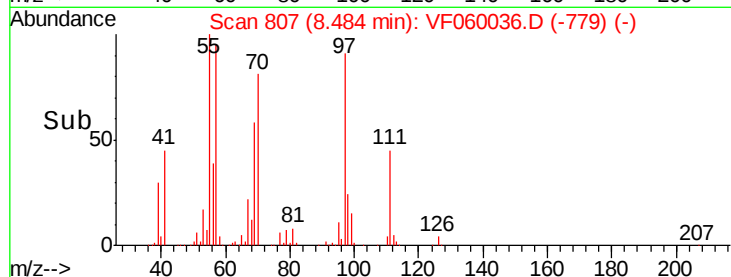
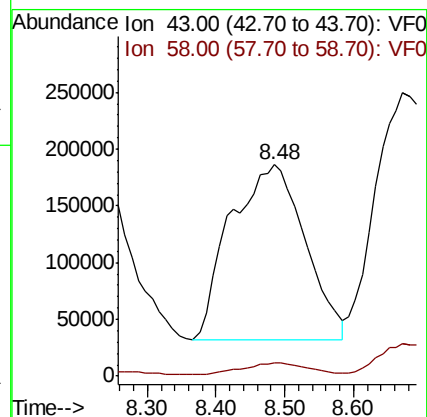
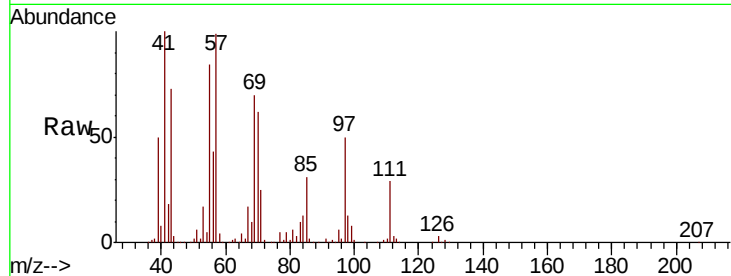
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 43 Resp: 1154795

Ion Ratio Lower Upper

43 100

58 6.0 28.6 42.8#



#52

Toluene

Concen: Below Cal

RT: 7.81 min Scan# 739

Delta R.T. 0.03 min

Lab File: VF060036.D

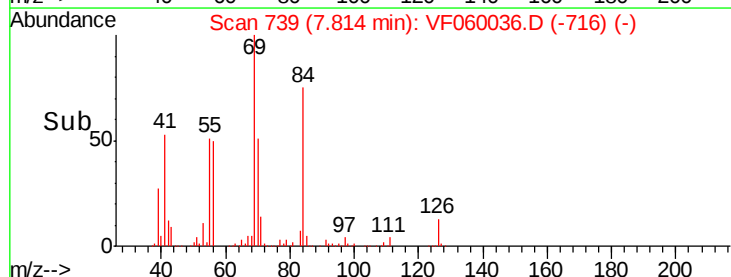
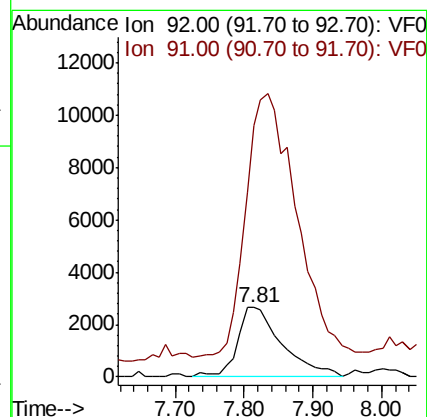
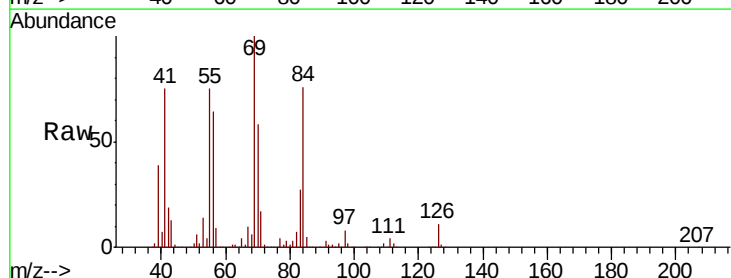
Acq: 22 Aug 2018 13:26

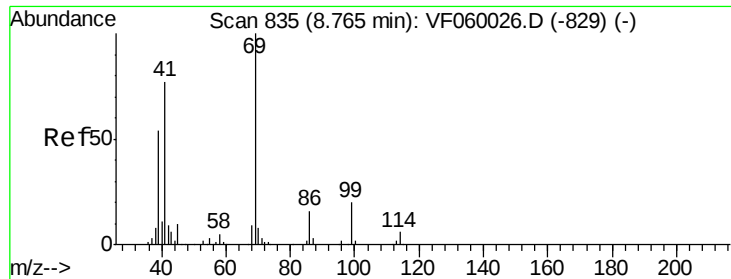
Tgt Ion: 92 Resp: 12036

Ion Ratio Lower Upper

92 100

91 363.8 137.7 206.5#





#56

Ethyl methacrylate

Concen: 1457.114 ug/l

RT: 8.92 min Scan# 851

Delta R.T. 0.15 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

H-R-P-T-WC-1-GRAB-7RE

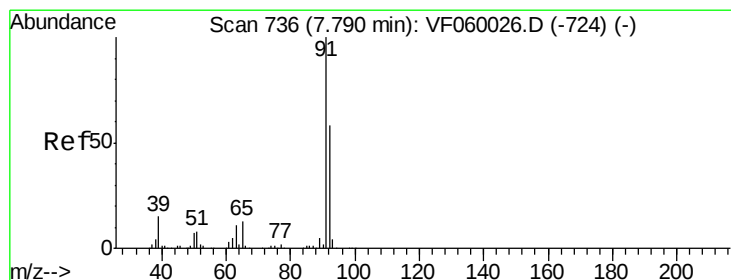
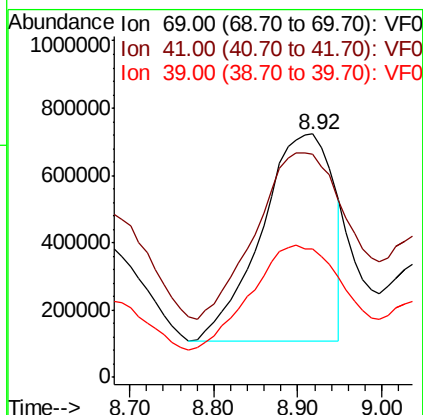
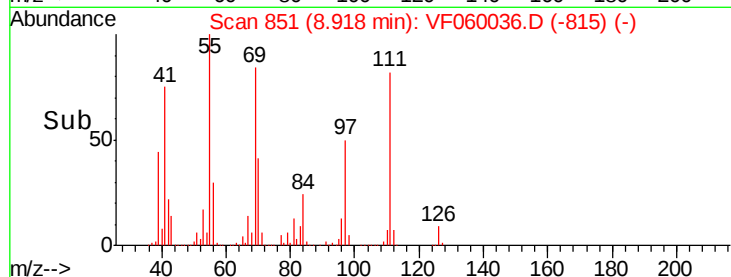
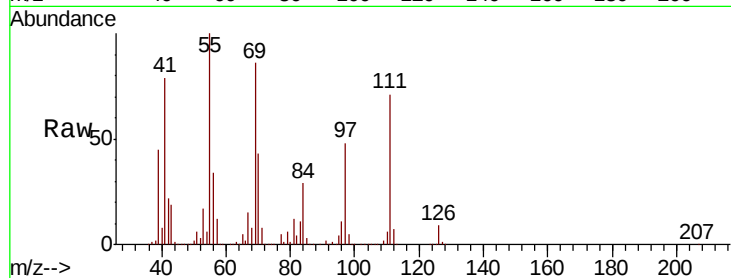
Tgt Ion: 69 Resp: 3658317

Ion Ratio Lower Upper

69 100

41 91.9 61.6 92.4

39 52.6 43.9 65.9



#58

2-Chloroethyl Vinyl ether

Concen: 146.176 ug/l

RT: 7.85 min Scan# 743

Delta R.T. 0.06 min

Lab File: VF060036.D

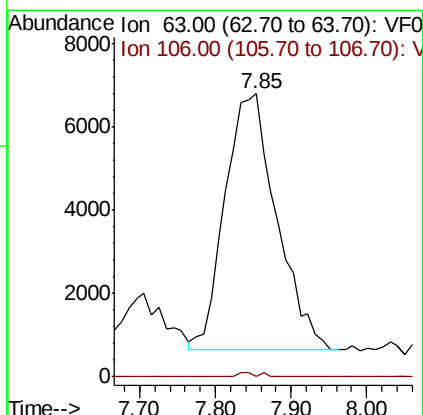
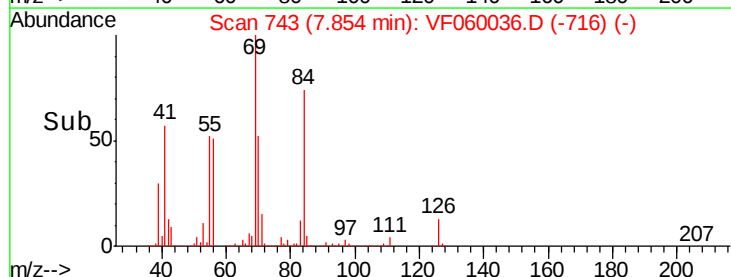
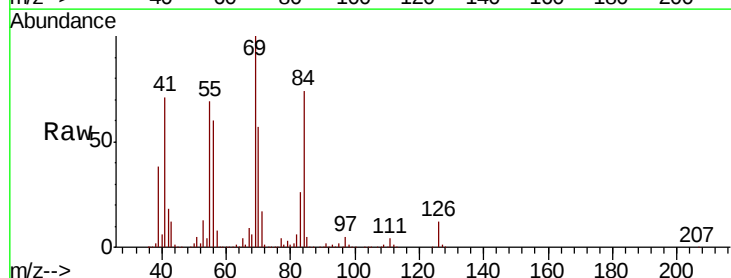
Acq: 22 Aug 2018 13:26

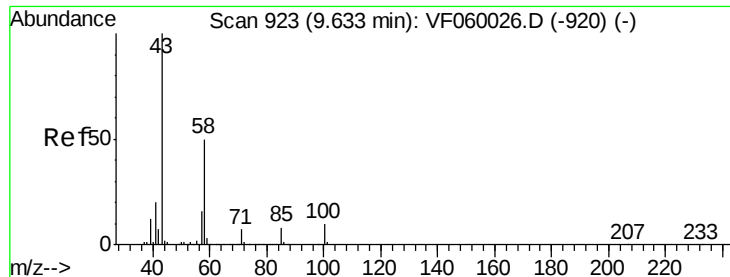
Tgt Ion: 63 Resp: 29131

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

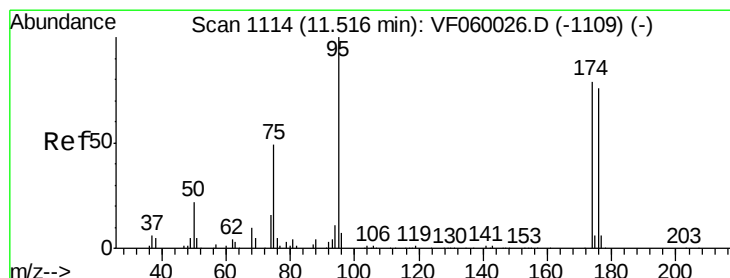
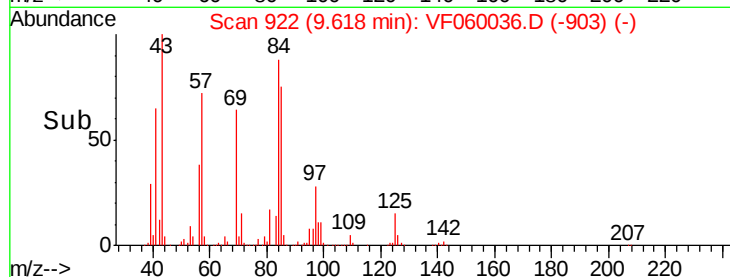
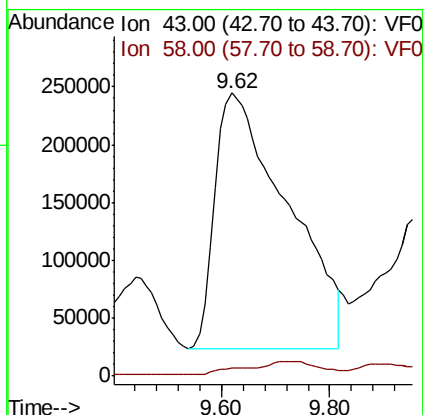
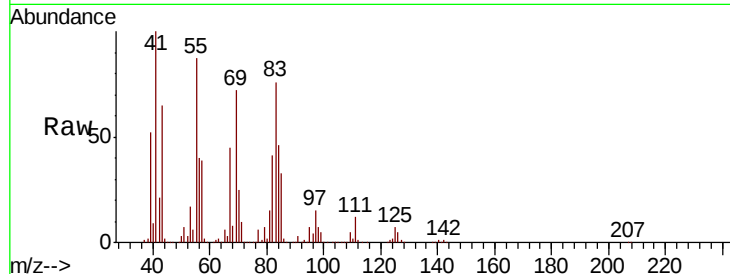




#59
2-Hexanone
Concen: 1108.518 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

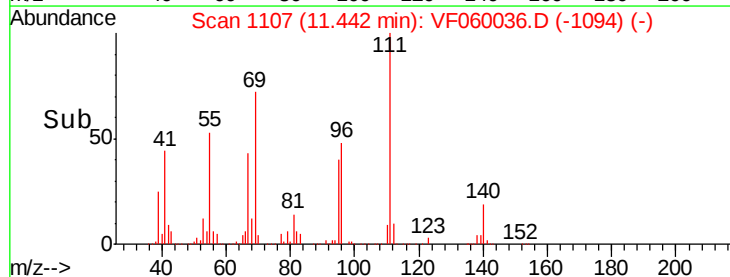
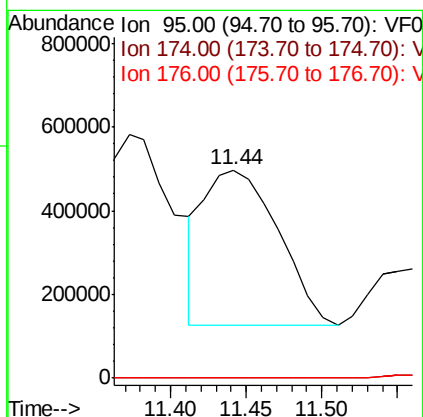
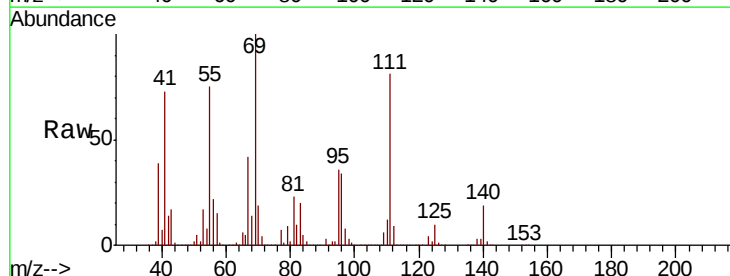
Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

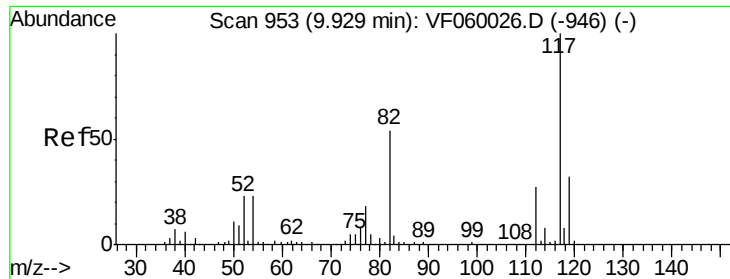
Tgt Ion: 43 Resp: 2052252
Ion Ratio Lower Upper
43 100
58 2.9 23.4 70.2#



#62
4-Bromofluorobenzene
Concen: 285.601 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.07 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion: 95 Resp: 1261716
Ion Ratio Lower Upper
95 100
174 0.0 0.0 158.4
176 0.0 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.96 min Scan# 957

Delta R.T. 0.03 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

H-R-P-T-WC-1-GRAB-7RE

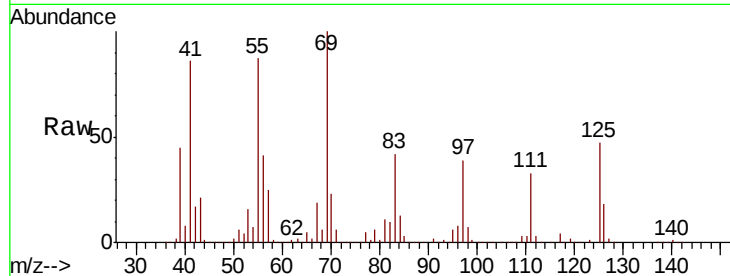
Tgt Ion:117 Resp: 93075

Ion Ratio Lower Upper

117 100

82 229.6 43.6 65.4#

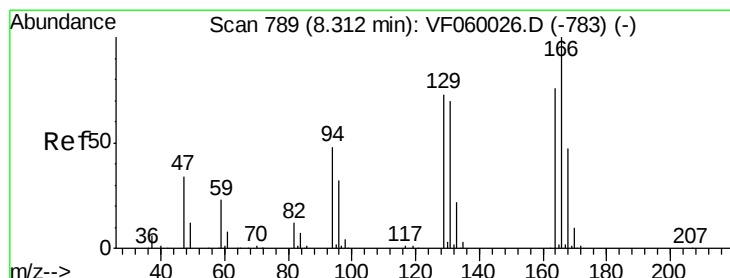
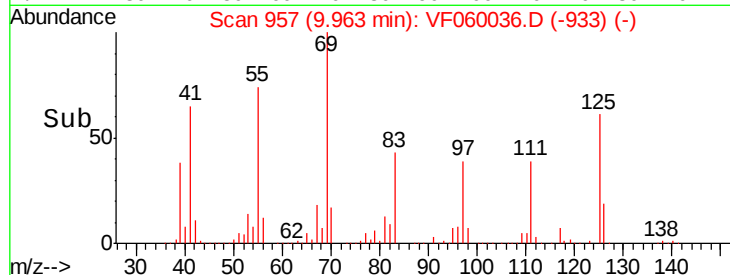
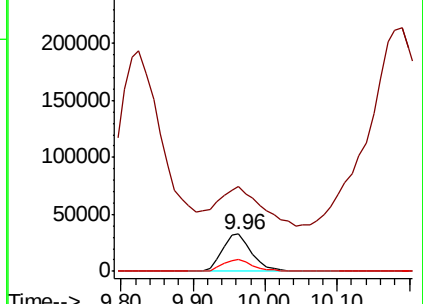
119 33.8 25.6 38.4



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



#64

Tetrachloroethene

Concen: 2.577 ug/l

RT: 8.36 min Scan# 794

Delta R.T. 0.04 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Tgt Ion:164 Resp: 1616

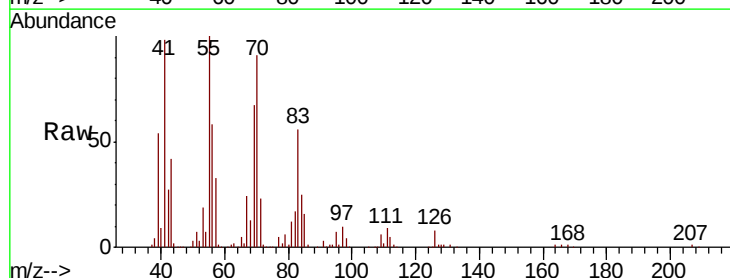
Ion Ratio Lower Upper

164 100

166 77.0 104.7 157.1#

129 86.6 77.0 115.4

131 98.9 72.9 109.3

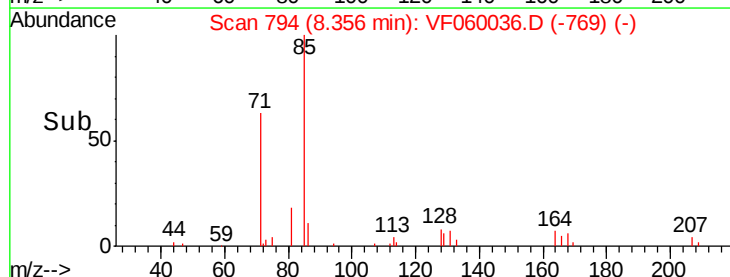
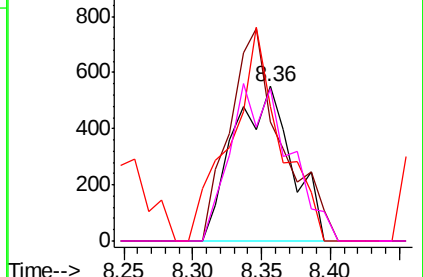


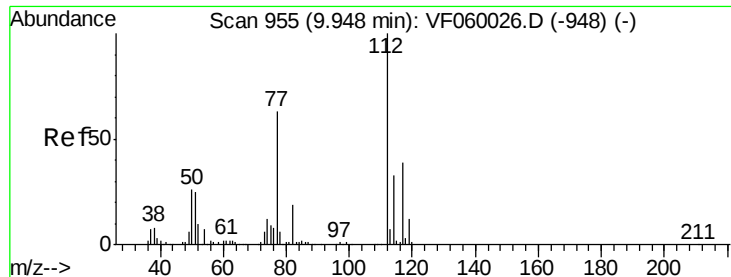
Abundance Ion 163.85 (163.55 to 164.55): V

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

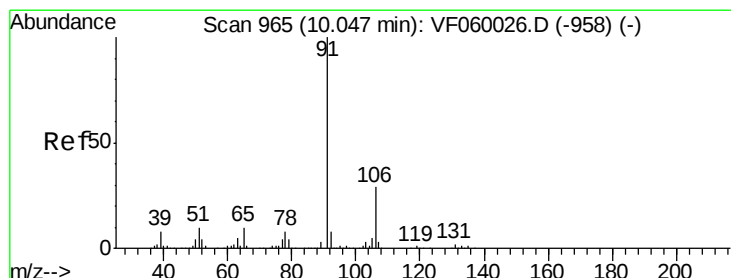
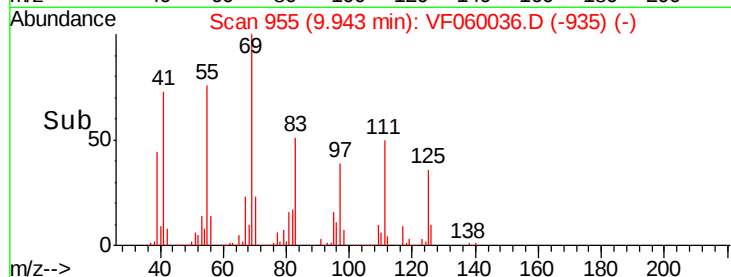
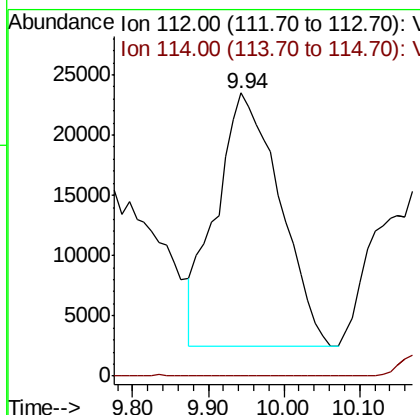
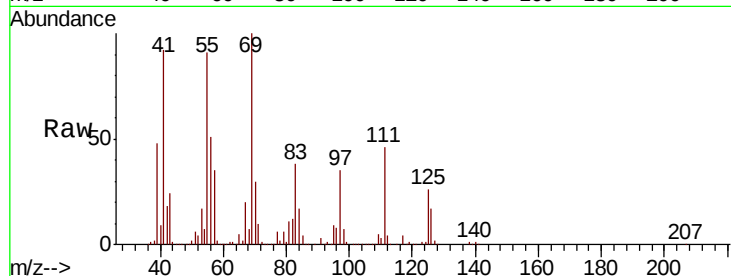




#65
Chlorobenzene
Concen: 70.033 ug/l
RT: 9.94 min Scan# 955
Delta R.T. -0.01 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

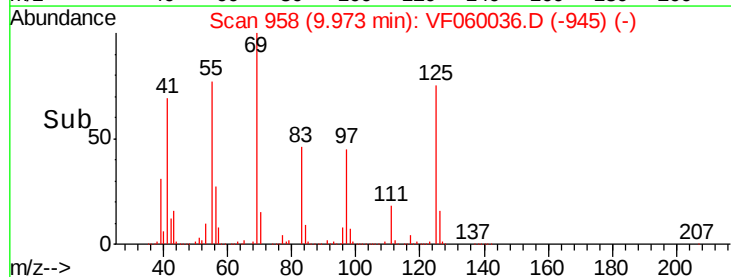
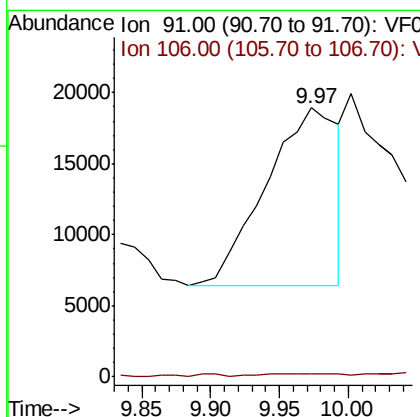
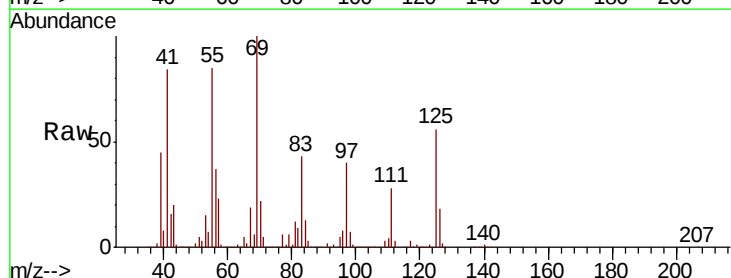
Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

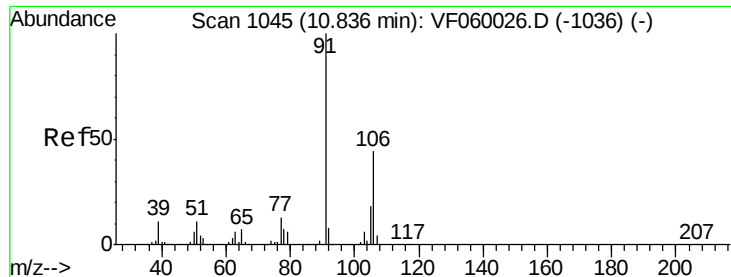
Tgt Ion: 112 Resp: 123085
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#



#67
Ethyl Benzene
Concen: 14.974 ug/l
RT: 9.97 min Scan# 958
Delta R.T. -0.07 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion: 91 Resp: 45409
Ion Ratio Lower Upper
91 100
106 1.2 23.6 35.4#

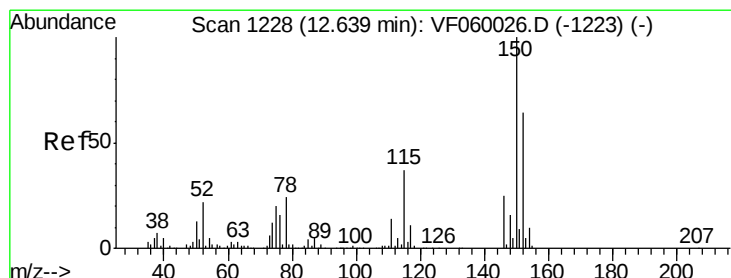
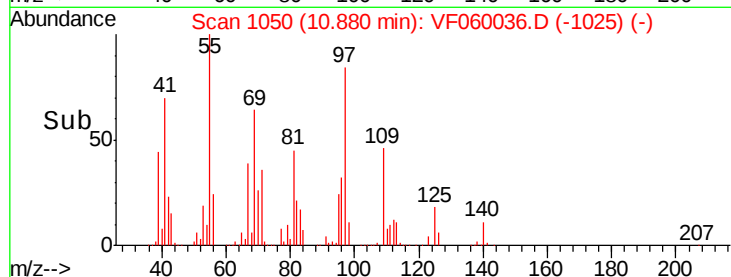
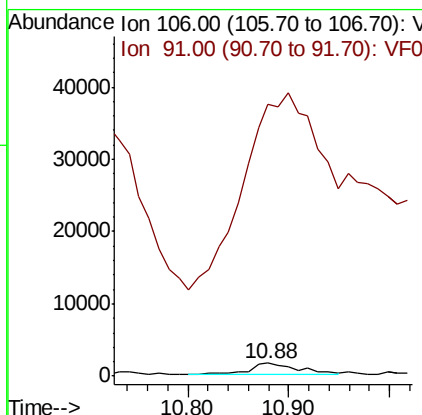
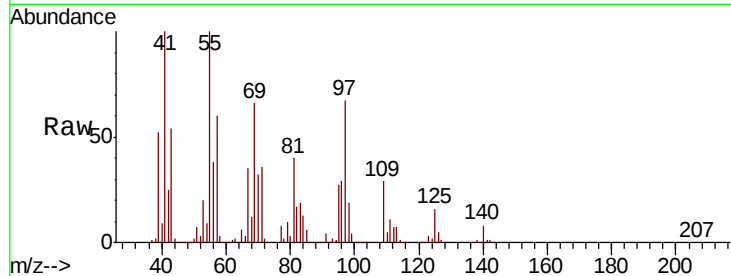




#69
o-Xylene
Concen: 4.335 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. 0.04 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

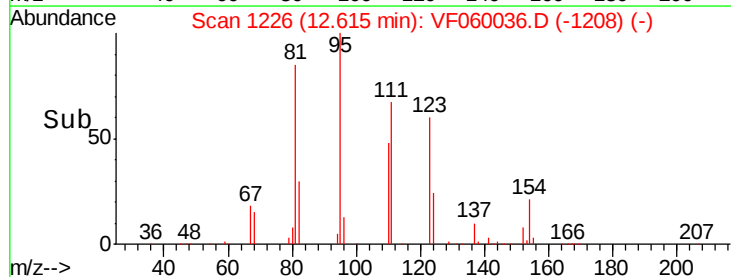
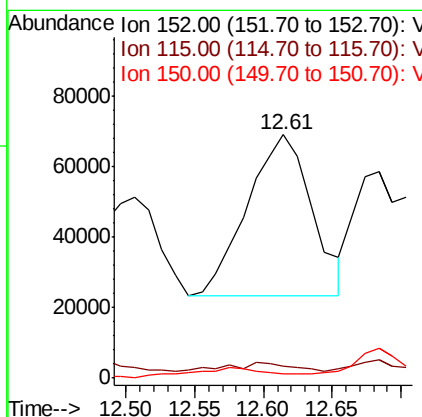
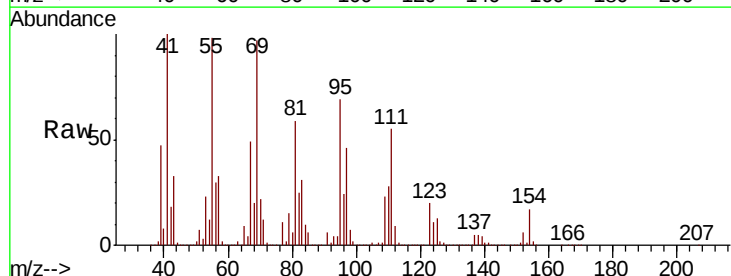
Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

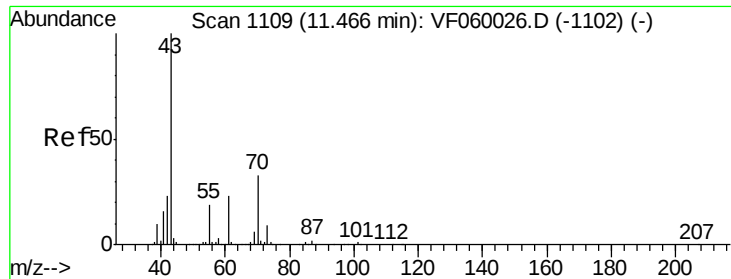
Tgt Ion:106 Resp: 5151
Ion Ratio Lower Upper
106 100
91 2107.5 112.5 337.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.02 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion:152 Resp: 147972
Ion Ratio Lower Upper
152 100
115 5.2 28.6 85.9#
150 1.8 0.0 312.0





#74

N-ethyl acetate

Concen: 136.799 ug/l

RT: 11.43 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 43 Resp: 378734

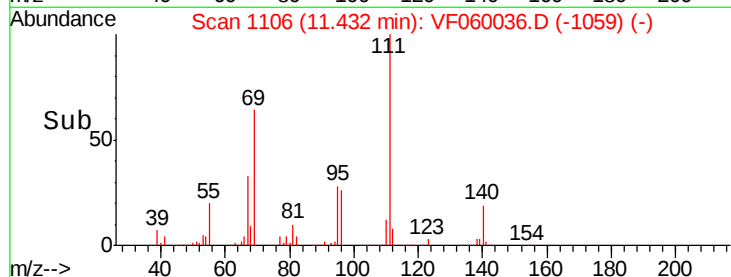
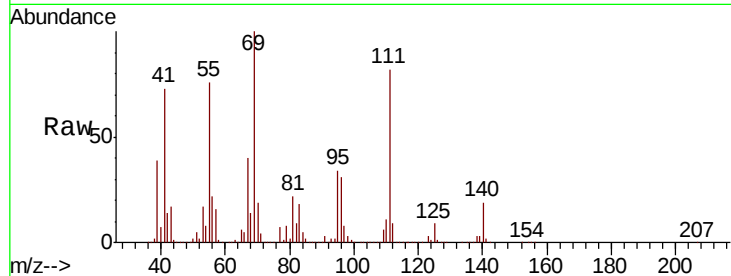
Ion Ratio Lower Upper

43 100

70 108.7 26.4 39.6#

55 432.7 15.0 22.4#

61 0.4 18.4 27.6#

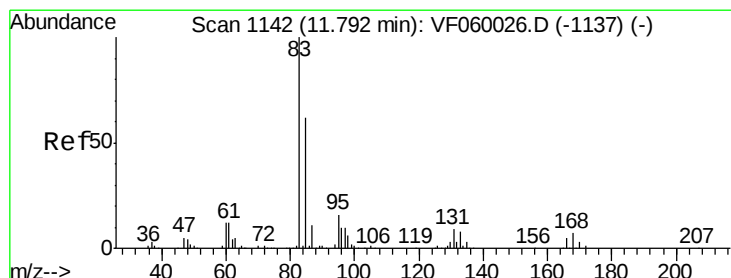
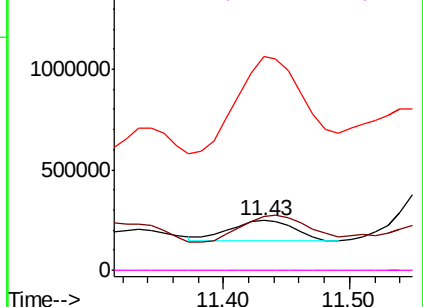


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 1561.213 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. 0.06 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

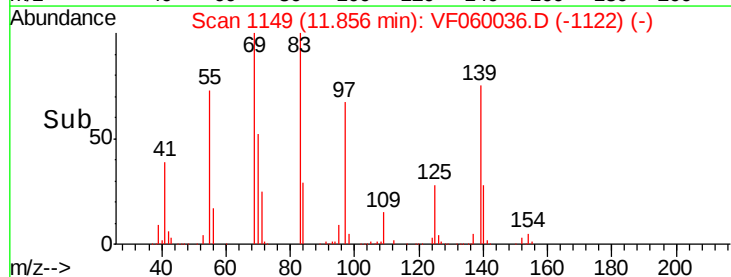
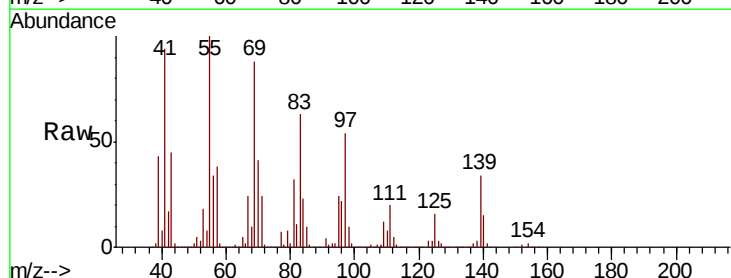
Tgt Ion: 83 Resp: 3036902

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

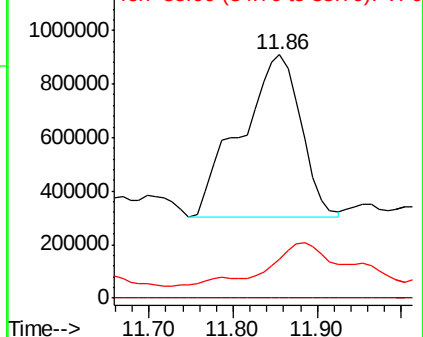
85 15.9 31.3 93.9#

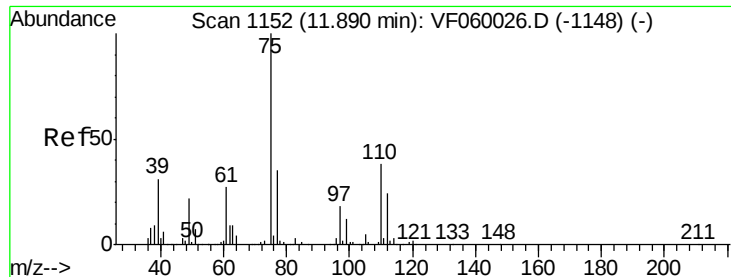


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 4.215 ug/l

RT: 11.93 min Scan# 1157

Delta R.T. 0.04 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

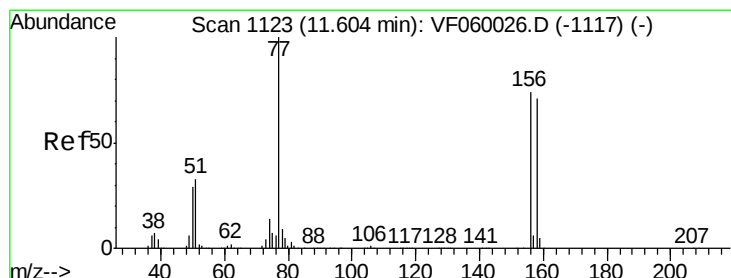
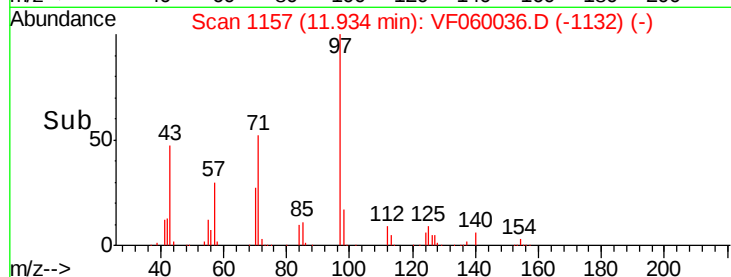
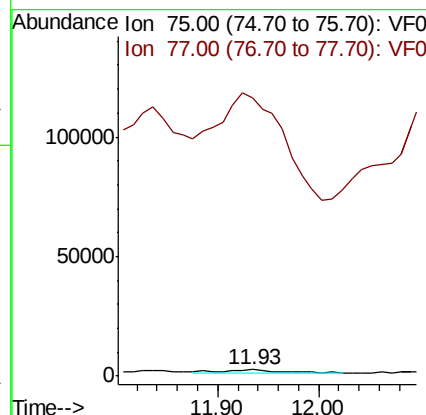
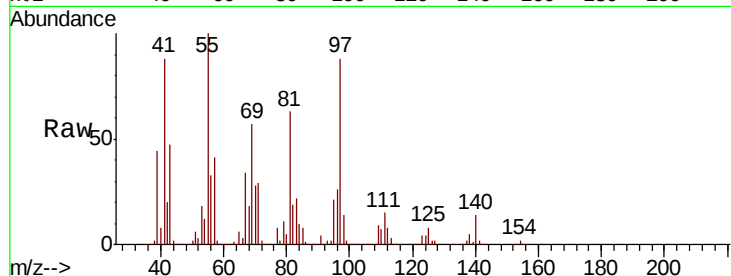
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion: 75 Resp: 6358

Ion Ratio Lower Upper

75 100

77 4386.6 17.3 52.0#



#77

Bromobenzene

Concen: 10.096 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

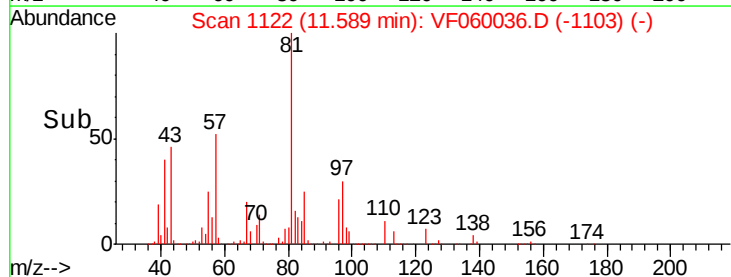
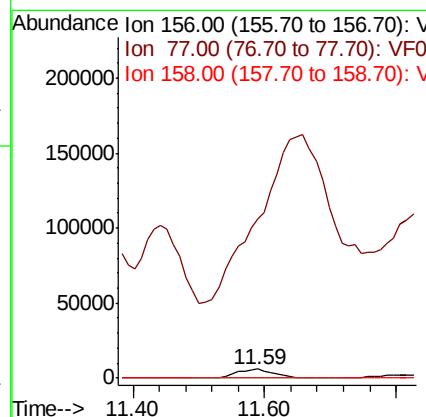
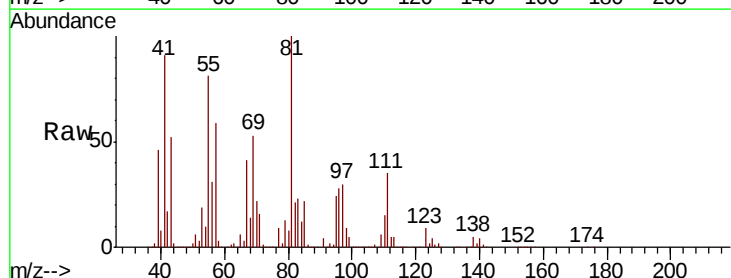
Tgt Ion: 156 Resp: 24456

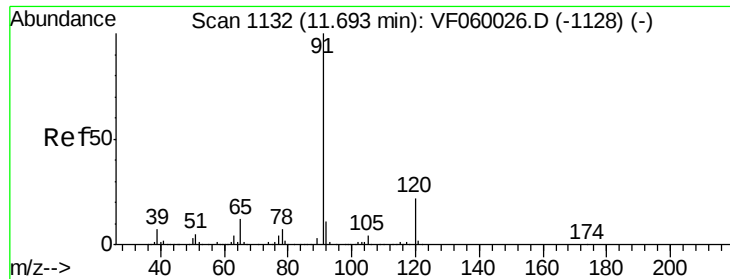
Ion Ratio Lower Upper

156 100

77 1740.9 68.0 204.0#

158 0.0 48.4 145.3#

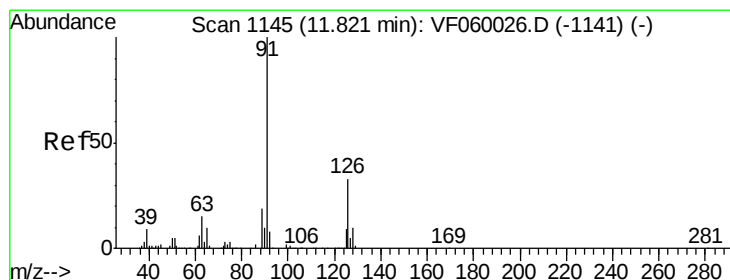
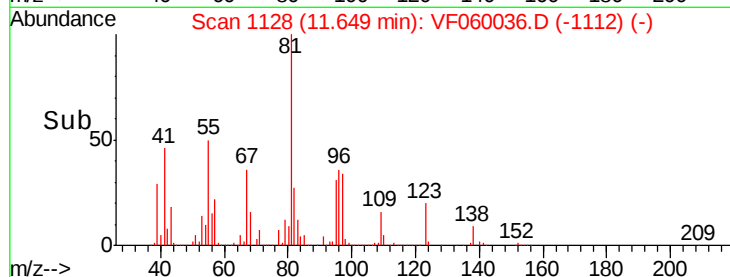
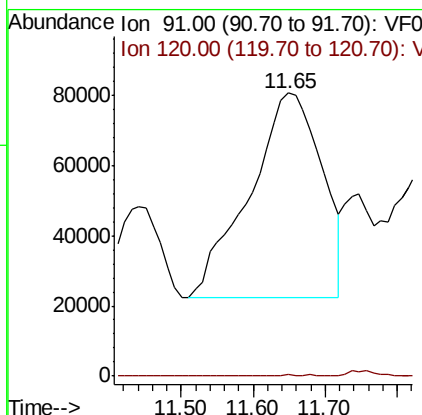
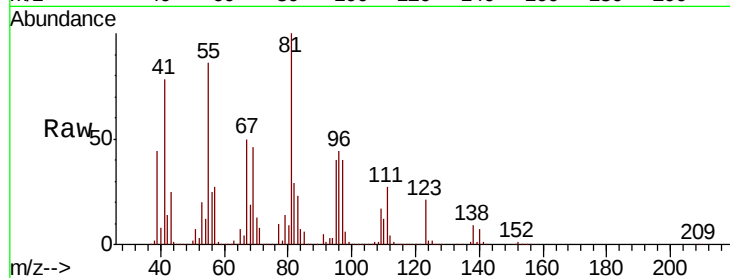




#78
n-propylbenzene
Concen: 36.948 ug/l
RT: 11.65 min Scan# 1128
Delta R.T. -0.04 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

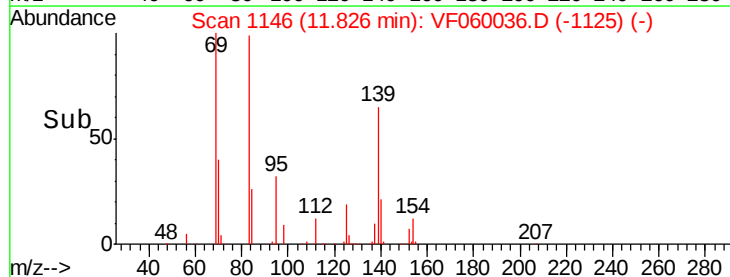
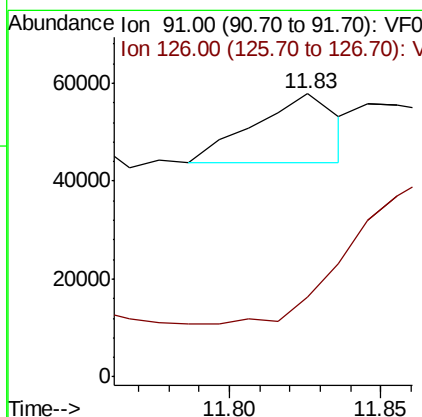
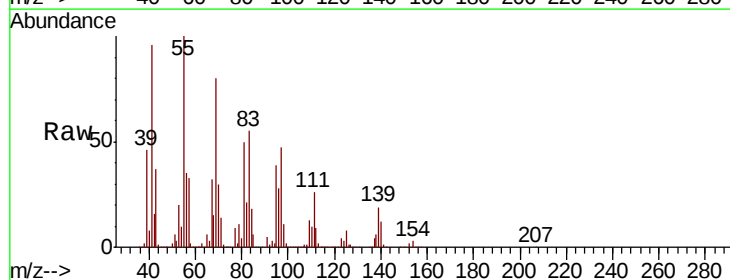
Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

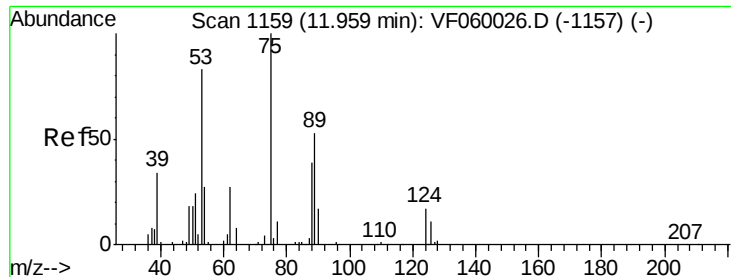
Tgt Ion: 91 Resp: 406184
Ion Ratio Lower Upper
91 100
120 0.5 10.9 32.7#



#79
2-Chlorotoluene
Concen: 4.164 ug/l
RT: 11.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion: 91 Resp: 26915
Ion Ratio Lower Upper
91 100
126 28.1 16.6 49.7

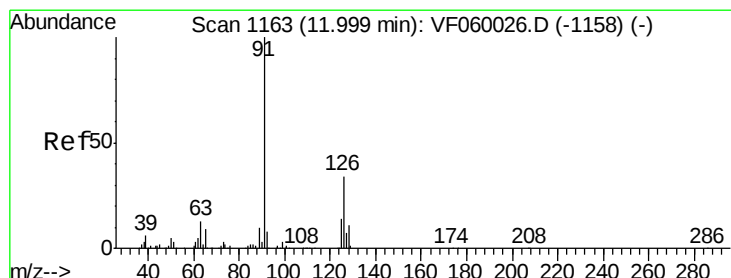
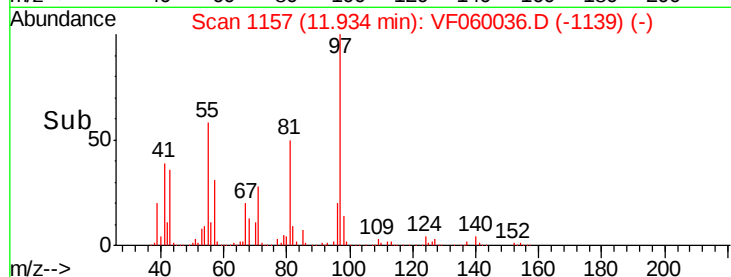
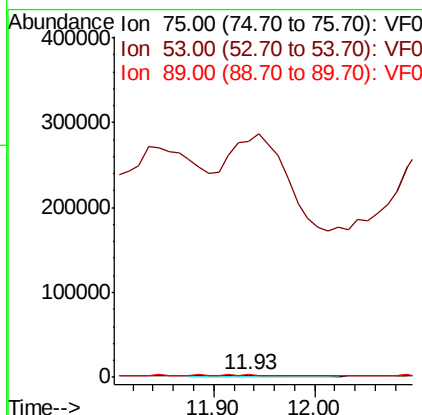
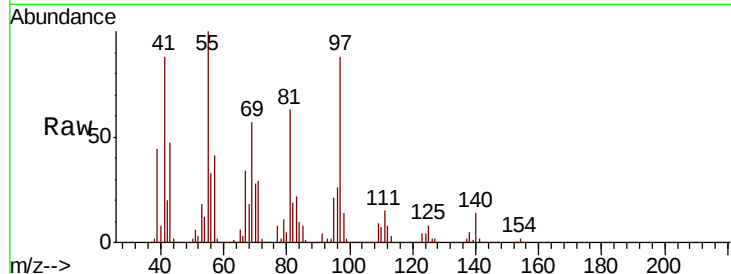




#81
trans-1,4-Dichloro-2-butene
Concen: 9.212 ug/l
RT: 11.93 min Scan# 1157
Delta R.T. -0.02 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

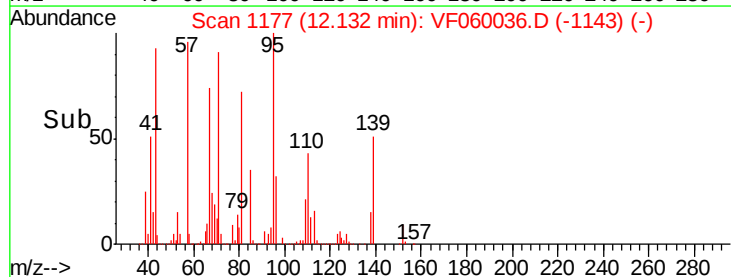
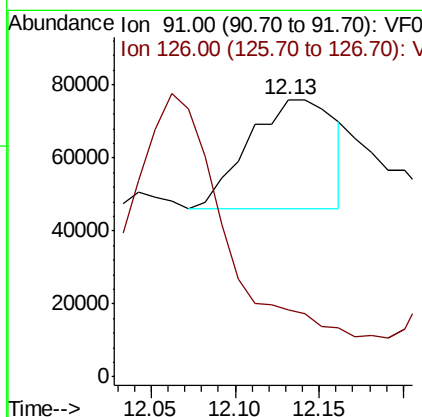
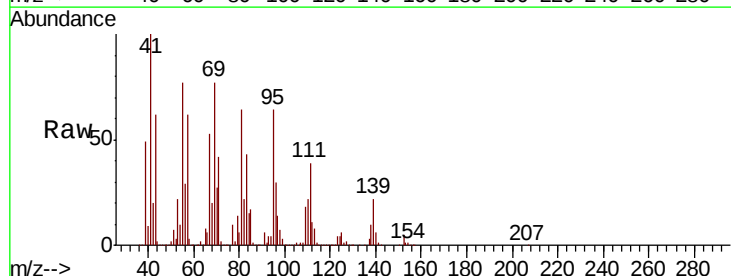
Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

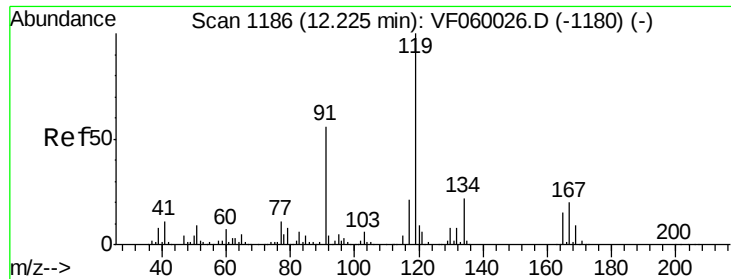
Tgt Ion: 75 Resp: 6358
Ion Ratio Lower Upper
75 100
53 10496.9 66.2 99.4#
89 112.2 42.8 64.2#



#82
4-Chlorotoluene
Concen: 15.232 ug/l
RT: 12.13 min Scan# 1177
Delta R.T. 0.13 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion: 91 Resp: 106900
Ion Ratio Lower Upper
91 100
126 24.2 17.0 50.9

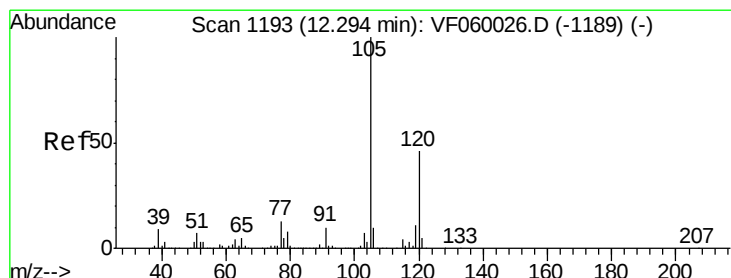
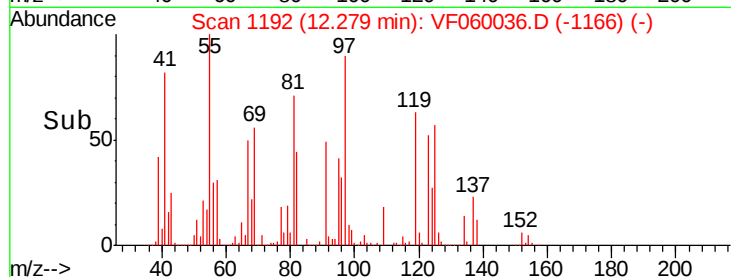
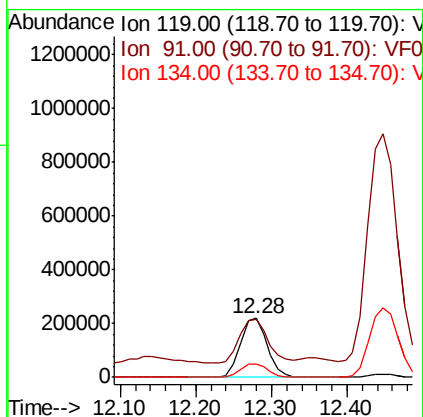
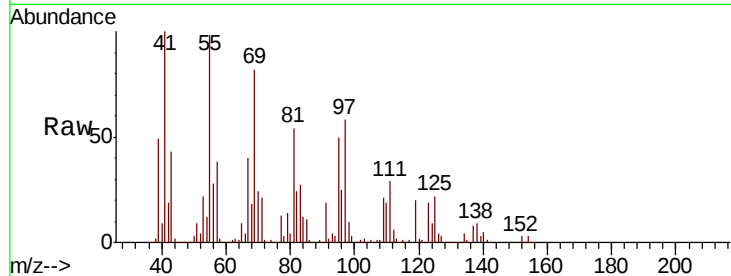




#83
 tert-Butylbenzene
 Concen: 71.081 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. 0.05 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

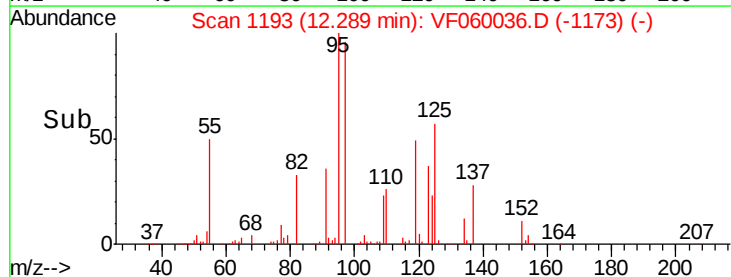
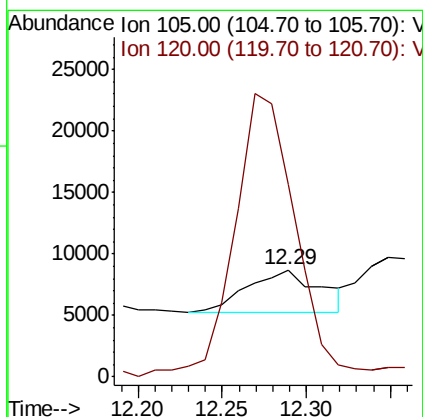
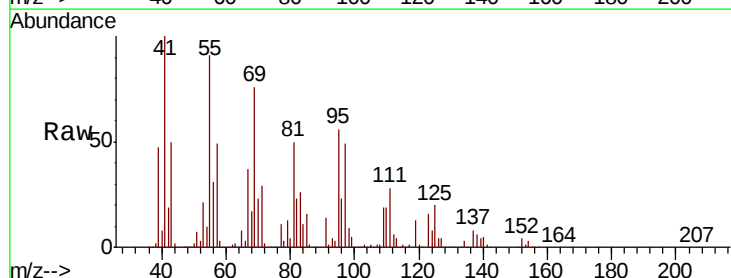
Instrument :
 MSVOA_F
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7RE

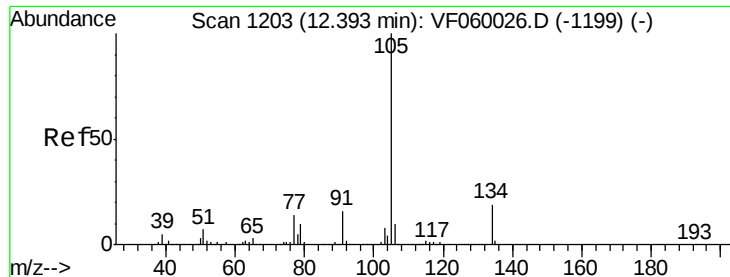
Tgt Ion:119 Resp: 537981
 Ion Ratio Lower Upper
 119 100
 91 97.9 28.1 84.3#
 134 22.1 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.277 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

Tgt Ion:105 Resp: 10535
 Ion Ratio Lower Upper
 105 100
 120 180.1 23.3 69.8#

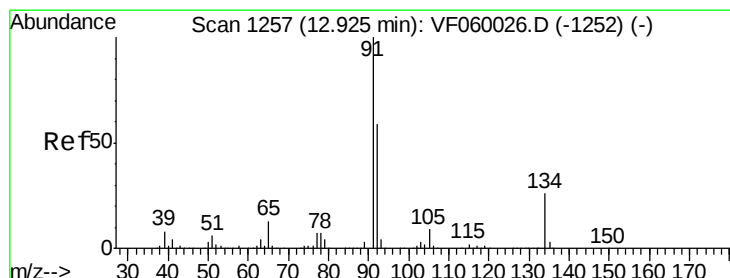
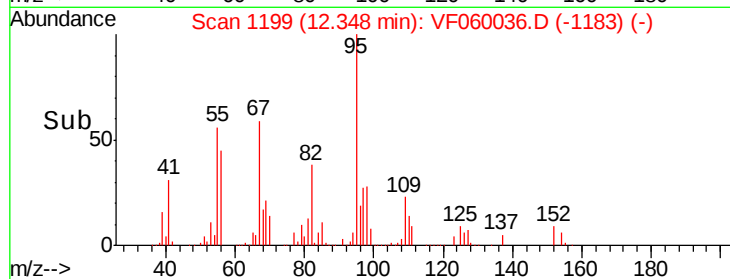
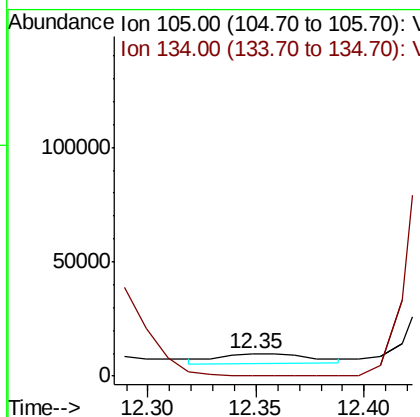
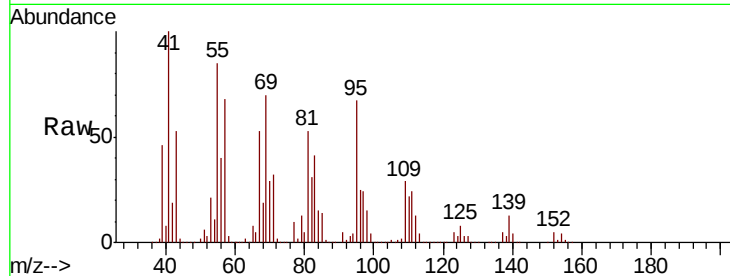




#85
 sec-Butylbenzene
 Concen: 1.164 ug/l
 RT: 12.35 min Scan# 1199
 Delta R.T. -0.04 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

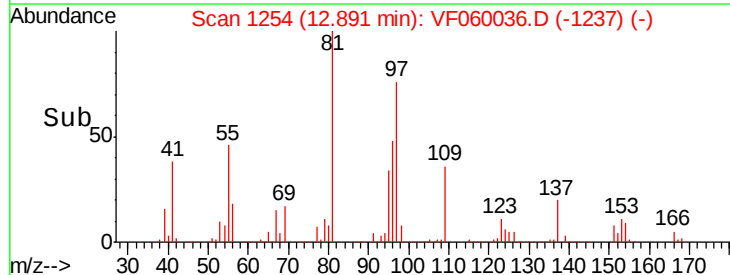
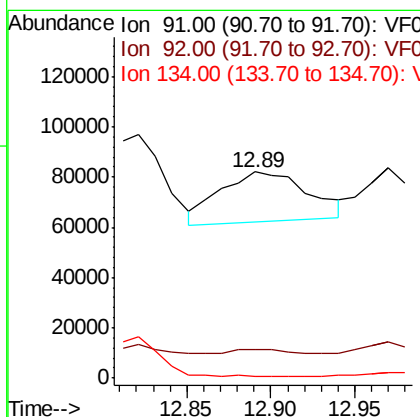
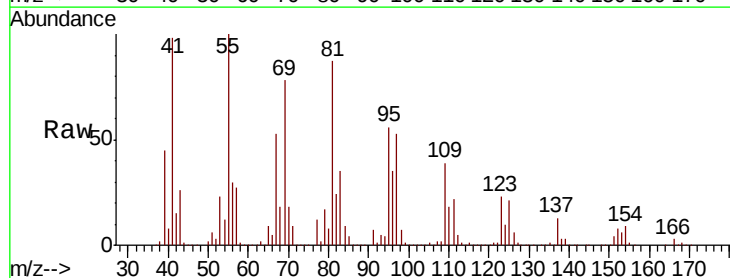
Instrument :
 MSVOA_F
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7RE

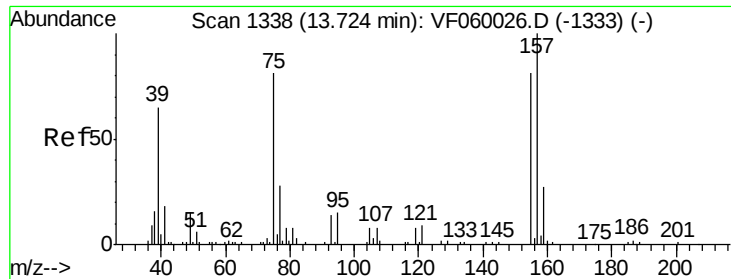
Tgt Ion: 105 Resp: 12263
 Ion Ratio Lower Upper
 105 100
 134 1.5 9.3 27.9#



#89
 n-Butylbenzene
 Concen: 8.466 ug/l
 RT: 12.89 min Scan# 1254
 Delta R.T. -0.03 min
 Lab File: VF060036.D
 Acq: 22 Aug 2018 13:26

Tgt Ion: 91 Resp: 71898
 Ion Ratio Lower Upper
 91 100
 92 13.6 29.3 87.9#
 134 0.9 12.8 38.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.225 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. -0.02 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

Instrument :

MSVOA_F

ClientSampleId :

H-R-P-T-WC-1-GRAB-7RE

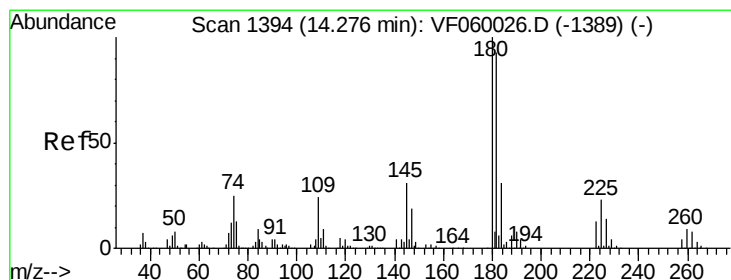
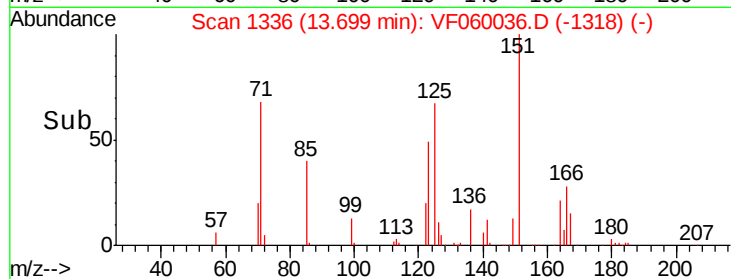
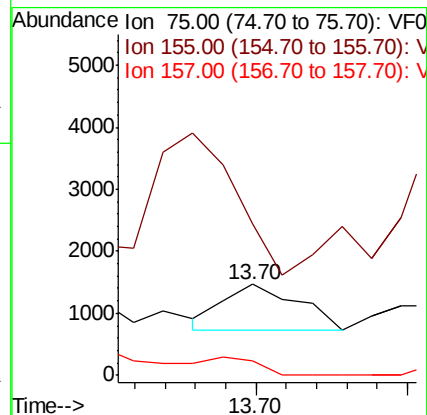
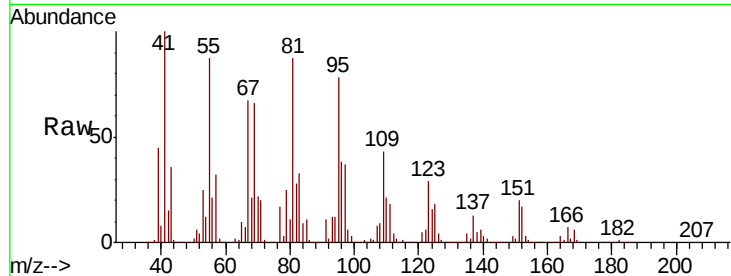
Tgt Ion: 75 Resp: 1282

Ion Ratio Lower Upper

75 100

155 166.8 49.8 149.3#

157 16.5 61.6 184.7#



#93

1,2,4-Trichlorobenzene

Concen: 1.951 ug/l

RT: 14.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VF060036.D

Acq: 22 Aug 2018 13:26

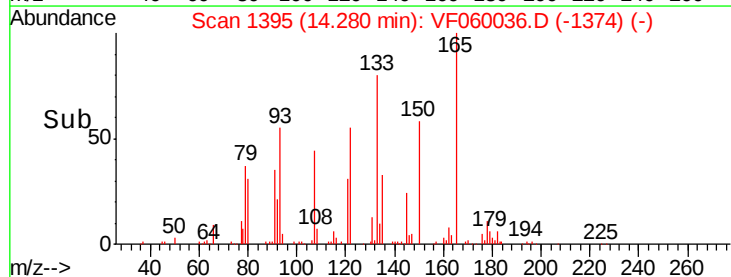
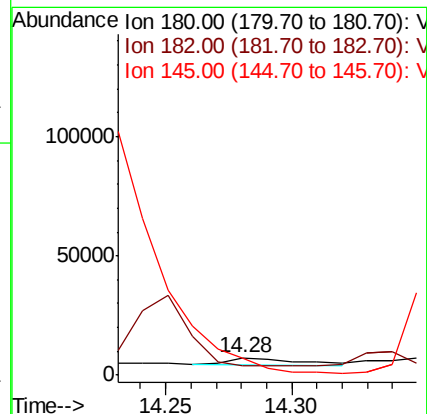
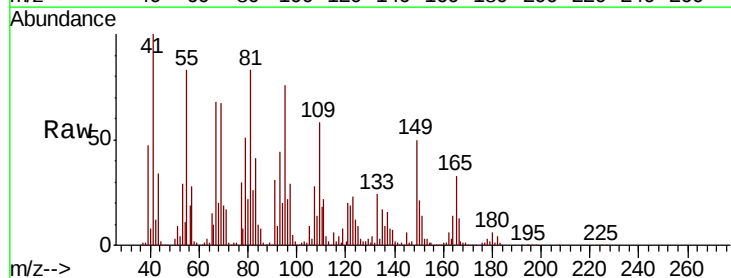
Tgt Ion: 180 Resp: 6188

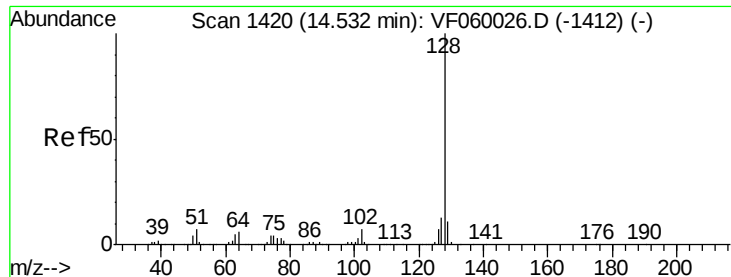
Ion Ratio Lower Upper

180 100

182 56.8 46.8 140.3

145 96.8 15.4 46.4#

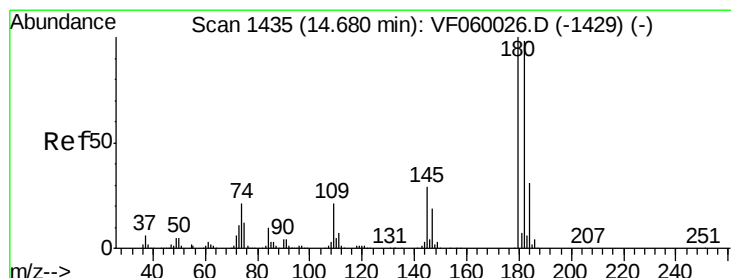
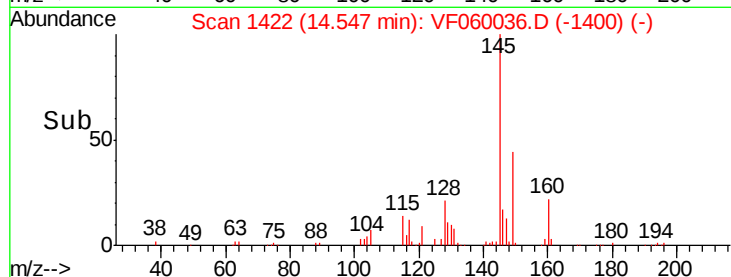
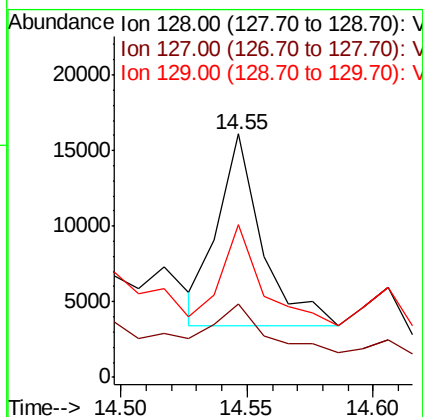
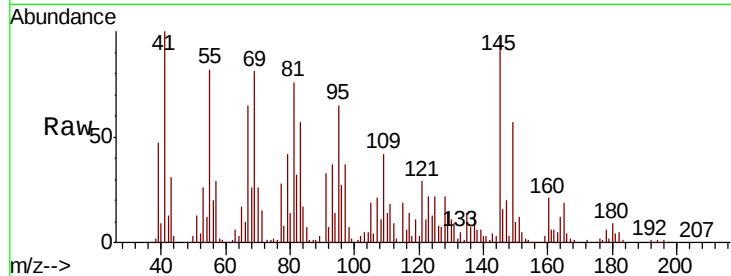




#95
Naphthalene
Concen: 4.955 ug/l
RT: 14.55 min Scan# 1422
Delta R.T. 0.02 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Instrument :
MSVOA_F
ClientSampleId :
H-R-P-T-WC-1-GRAB-7RE

Tgt Ion:128 Resp: 15390
Ion Ratio Lower Upper
128 100
127 29.9 10.4 15.6#
129 62.8 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.718 ug/l
RT: 14.68 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VF060036.D
Acq: 22 Aug 2018 13:26

Tgt Ion:180 Resp: 5198
Ion Ratio Lower Upper
180 100
182 16.9 49.0 147.2#
145 108.4 14.4 43.2#

