

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060234.D
 Acq On : 10 Sep 2018 14:58
 Operator : VA/AP
 Sample : J4803-10
 Misc : 5.77/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H5

Quant Time: Sep 11 07:13:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	181481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	273336	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	188241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	137316	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	125571	39.61	ug/l	0.00
Spiked Amount			Recovery	=	79.22%	
35) Dibromofluoromethane	4.29	113	106353	39.71	ug/l	-0.01
Spiked Amount			Recovery	=	79.42%	
50) Toluene-d8	7.71	98	204263	30.57	ug/l	0.00
Spiked Amount			Recovery	=	61.14%	
62) 4-Bromofluorobenzene	11.51	95	193506	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	

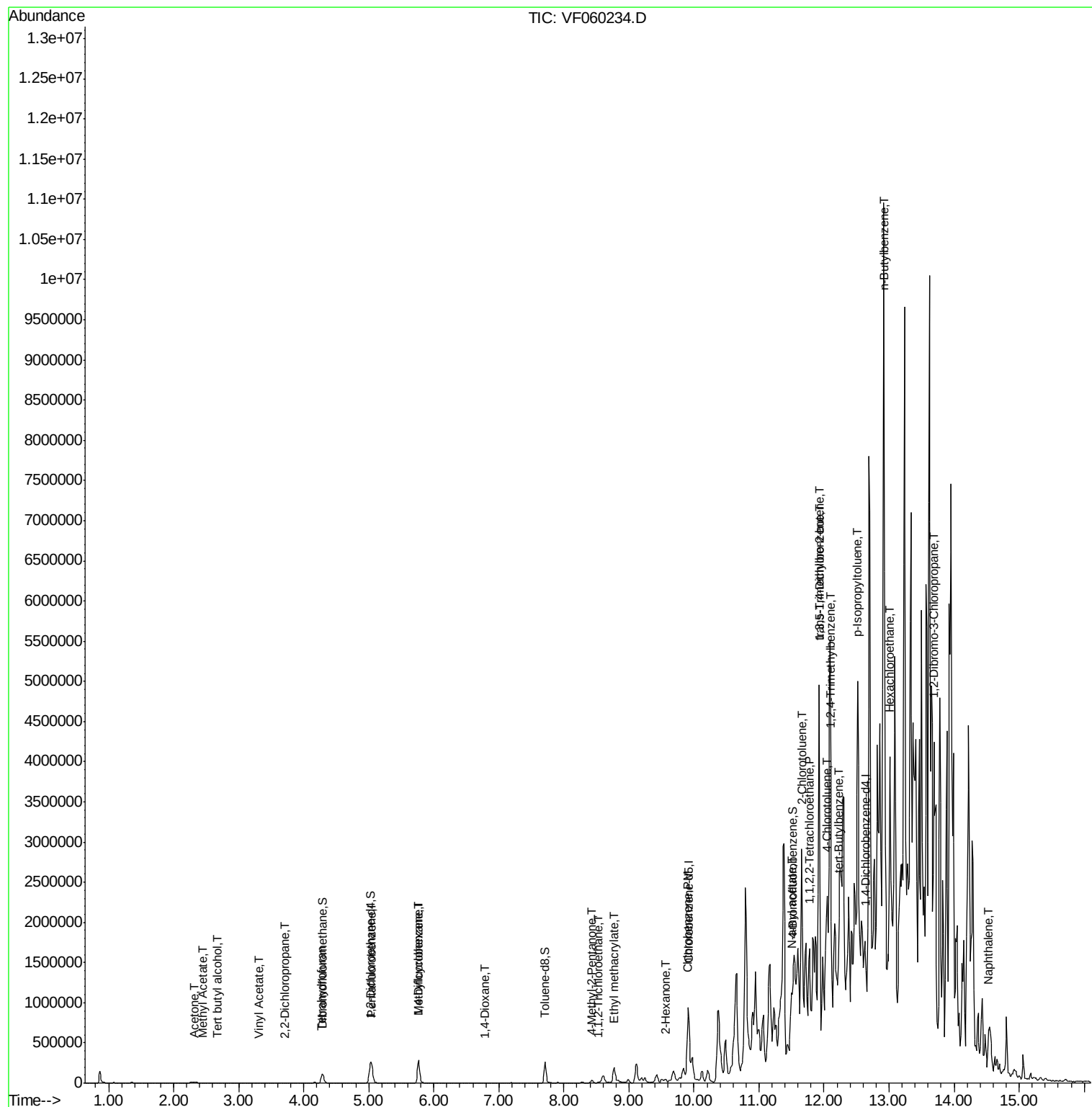
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.67	59	507	15.11	ug/l #	75
13) Acrolein	2.08	56	148	Below	Cal #	65
16) Acetone	2.32	43	7026	19.65	ug/l #	91
18) Methyl Acetate	2.44	43	2795	2.61	ug/l #	71
20) Methylene Chloride	2.27	84	4545	Below	Cal #	78
23) Vinyl Acetate	3.32	43	68	22.83	ug/l #	82
26) 2,2-Dichloropropane	3.69	77	63	2.05	ug/l #	64
29) Tetrahydrofuran	4.27	42	345	1.17	ug/l #	56
37) Ethyl Acetate	4.31	43	128	Below	Cal #	17
39) Methylcyclohexane	5.76	83	3836	1.42	ug/l #	27
49) 1,4-Dioxane	6.80	88	83	3.80	ug/l #	15
51) 4-Methyl-2-Pentanone	8.43	43	19907	11.97	ug/l #	50
55) 1,1,2-Trichloroethane	8.53	97	2828	1.73	ug/l #	46
56) Ethyl methacrylate	8.77	69	83959	44.98	ug/l #	81
59) 2-Hexanone	9.55	43	11535	8.14	ug/l #	39
64) Tetrachloroethene	8.30	164	523	Below	Cal #	29
65) Chlorobenzene	9.89	112	5001	1.28	ug/l #	43
74) N-amyl acetate	11.49	43	101191	53.31	ug/l #	2
75) 1,1,2,2-Tetrachloroethane	11.78	83	177741	124.79	ug/l #	41
79) 2-Chlorotoluene	11.66	91	8605	1.25	ug/l	84
80) 1,3,5-Trimethylbenzene	11.93	105	2157458	258.03	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.93	75	28526	79.34	ug/l #	1
82) 4-Chlorotoluene	12.05	91	14987	1.97	ug/l	89
83) tert-Butylbenzene	12.22	119	165048	21.66	ug/l	87
84) 1,2,4-Trimethylbenzene	12.11	105	45447	5.35	ug/l	81
86) p-Isopropyltoluene	12.52	119	1968729	210.94	ug/l	91
89) n-Butylbenzene	12.92	91	1171185	129.74	ug/l #	1
90) Hexachloroethane	13.01	117	152070	80.37	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.69	75	23865	65.66	ug/l #	3
95) Naphthalene	14.53	128	21886	6.60	ug/l #	1

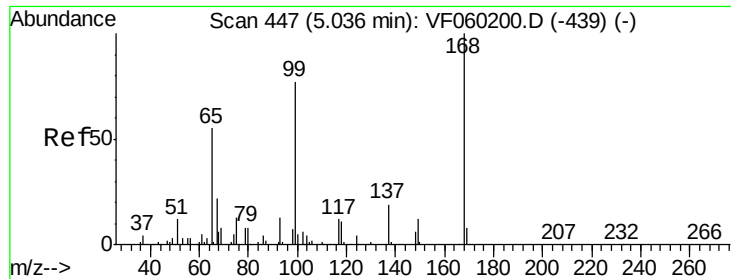
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 07 10:44:05 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

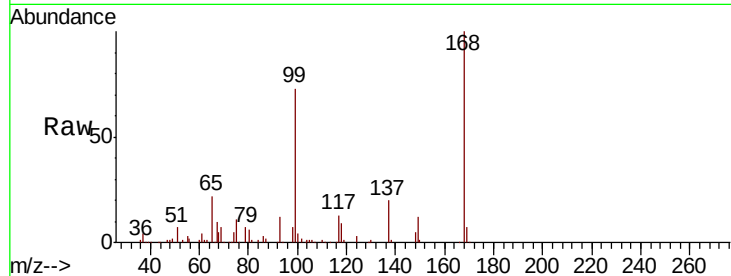
EP1-Q2-H5

Tot Ion:168 Resp: 181481

Ion Ratio Lower Upper

168 100

99 73.0 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

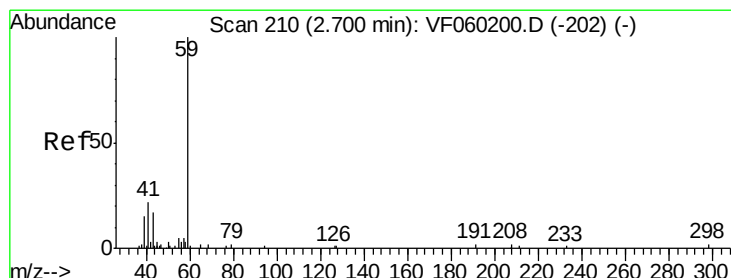
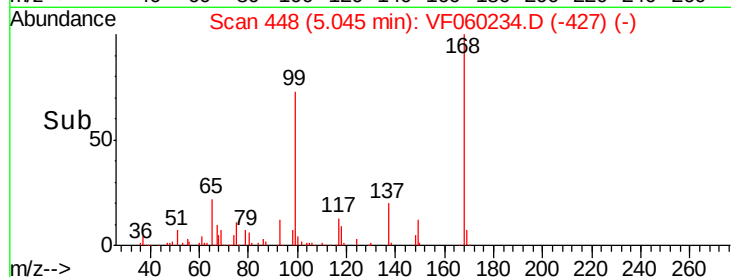
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#11

Tert butyl alcohol

Concen: 15.11 ug/l

RT: 2.67 min Scan# 207

Delta R.T. -0.03 min

Lab File: VF060234.D

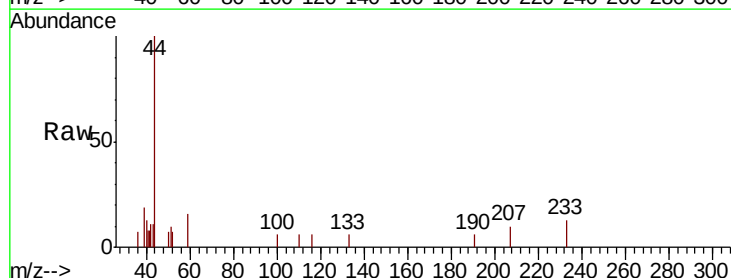
Acq: 10 Sep 2018 14:58

Tgt Ion: 59 Resp: 507

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.67

300

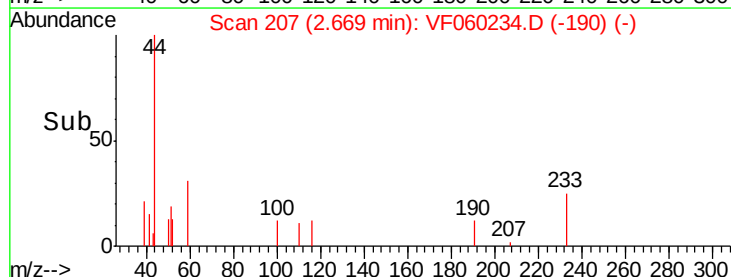
200

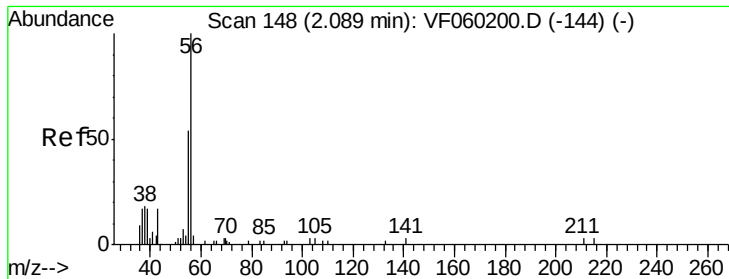
100

0

Time-->

2.60 2.65 2.70 2.75





#13

Acrolein

Concen: Below Cal

RT: 2.08 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

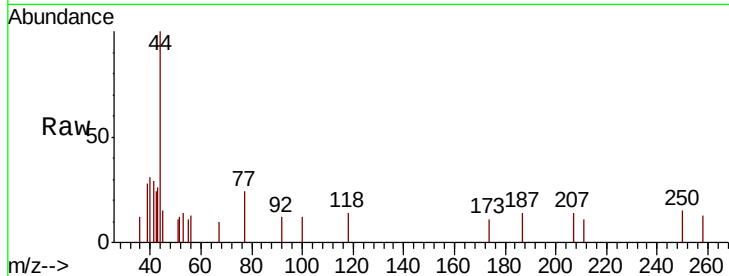
EP1-Q2-H5

Tot Ion: 56 Resp: 148

Ion Ratio Lower Upper

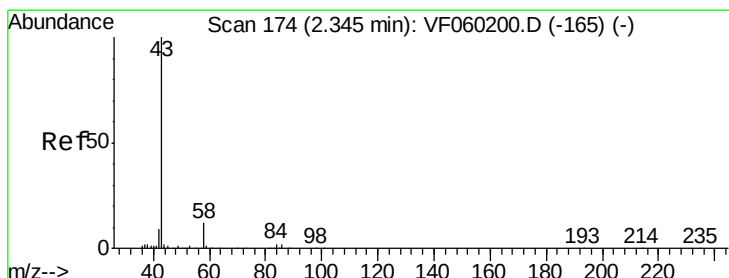
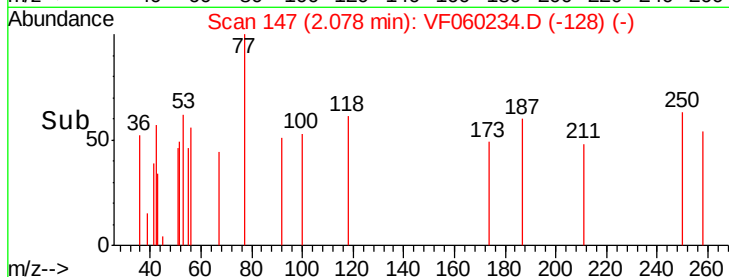
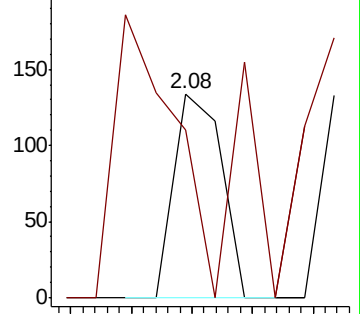
56 100

55 82.1 45.1 67.7#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#16

Acetone

Concen: 19.65 ug/l

RT: 2.32 min Scan# 172

Delta R.T. -0.02 min

Lab File: VF060234.D

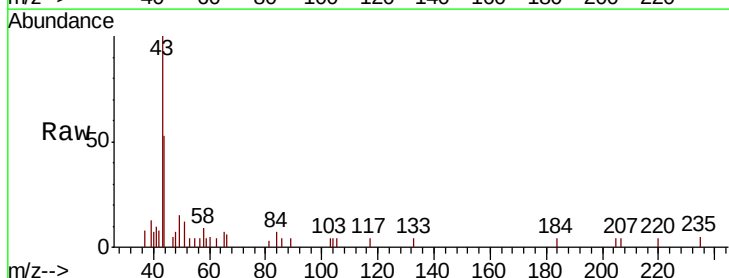
Acq: 10 Sep 2018 14:58

Tgt Ion: 43 Resp: 7026

Ion Ratio Lower Upper

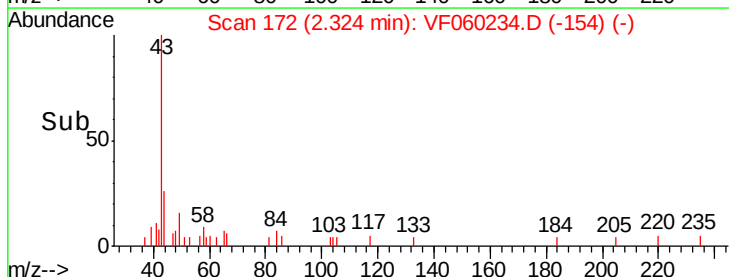
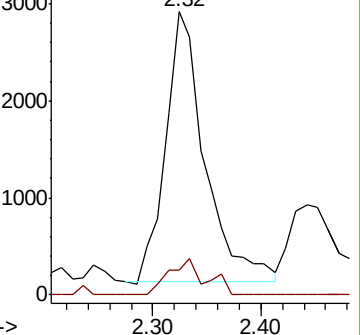
43 100

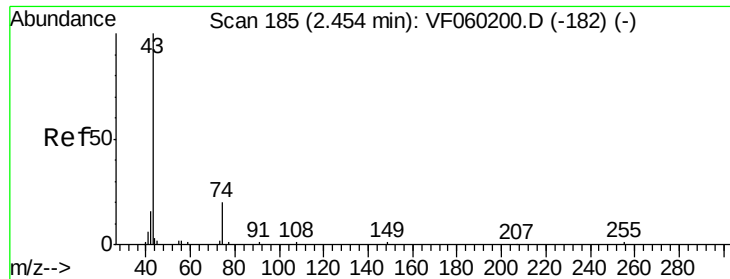
58 8.6 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

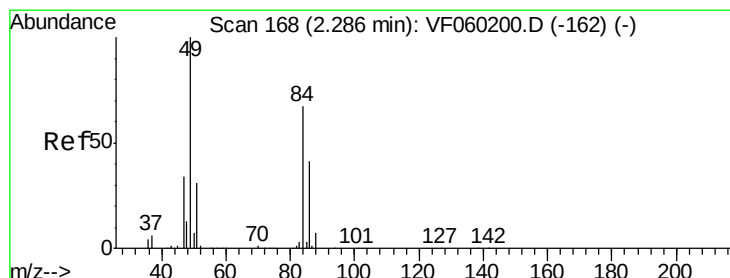
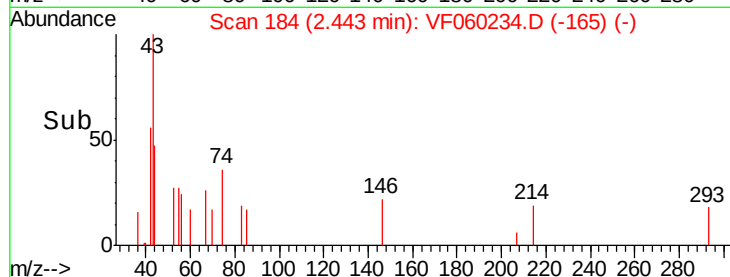
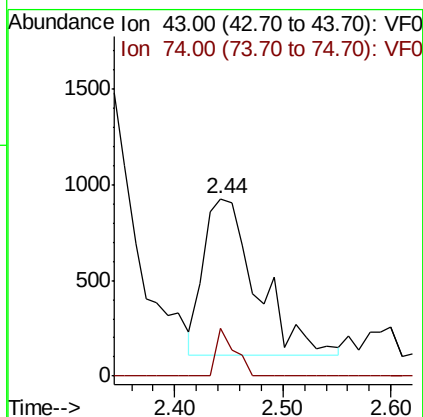
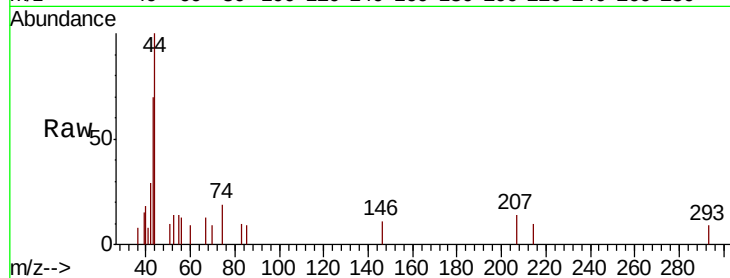




#18
Methyl Acetate
Concen: 2.61 ug/l
RT: 2.44 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

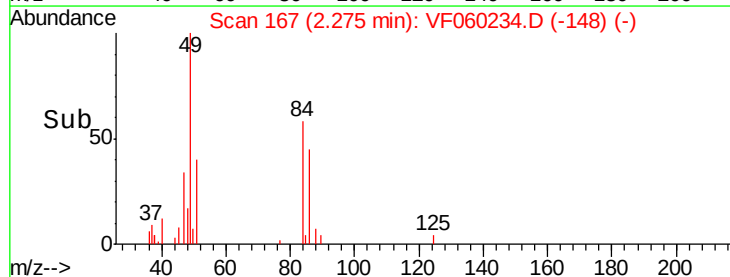
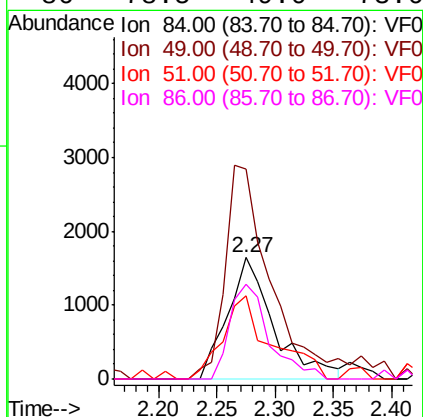
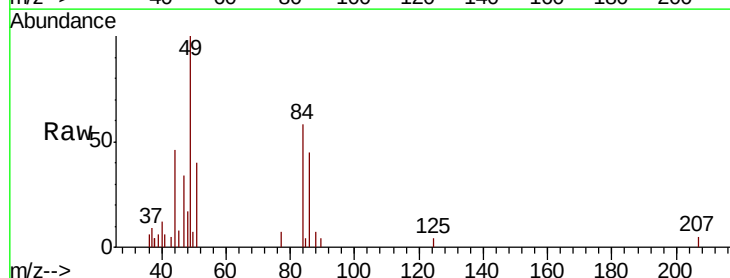
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H5

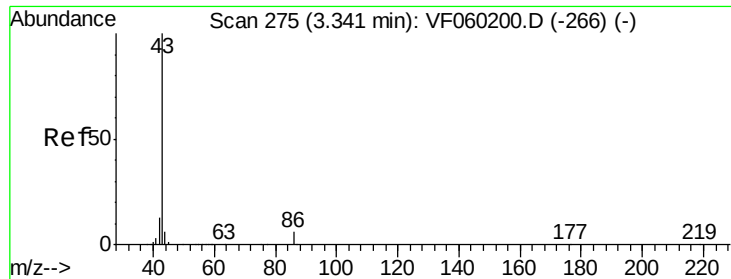
Tot Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
74 26.9 11.9 17.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Tgt Ion: 84 Resp: 4545
Ion Ratio Lower Upper
84 100
49 172.8 120.1 180.1
51 68.6 37.0 55.6#
86 78.5 49.0 73.6#





#23

Vinyl Acetate

Concen: 22.83 ug/l

RT: 3.32 min Scan# 273

Delta R.T. -0.02 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

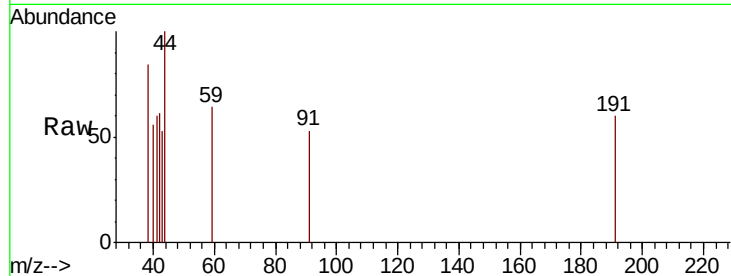
EP1-Q2-H5

Tot Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

86 0.0 4.8 7.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

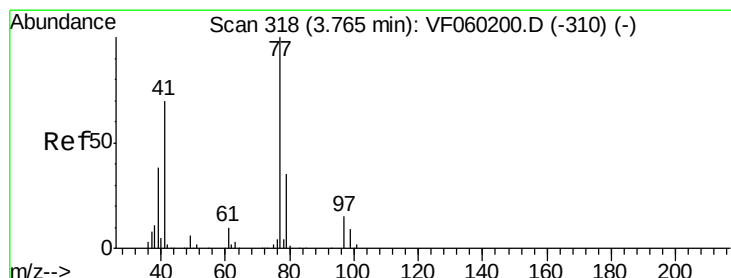
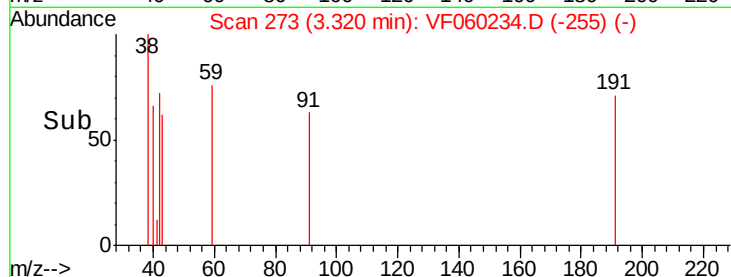
3.32

100

50

0

Time--> 3.30 3.32 3.34



#26

2,2-Dichloropropane

Concen: 2.05 ug/l

RT: 3.69 min Scan# 311

Delta R.T. -0.07 min

Lab File: VF060234.D

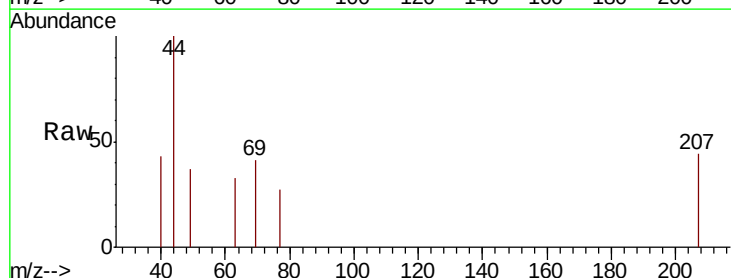
Acq: 10 Sep 2018 14:58

Tgt Ion: 77 Resp: 63

Ion Ratio Lower Upper

77 100

97 0.0 7.5 22.5#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.69

120

100

80

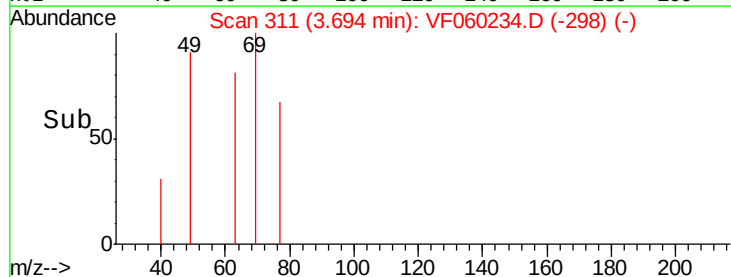
60

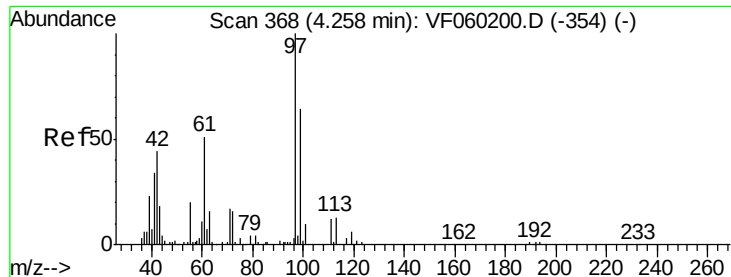
40

20

0

Time--> 3.66 3.68 3.70 3.72





#29

Tetrahydrofuran

Concen: 1.17 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

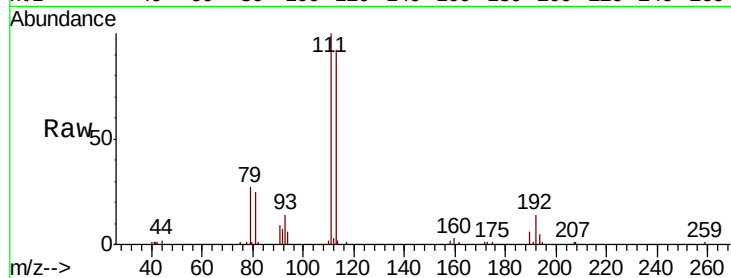
Tot Ion: 42 Resp: 345

Ion Ratio Lower Upper

42 100

72 0.0 27.4 41.0#

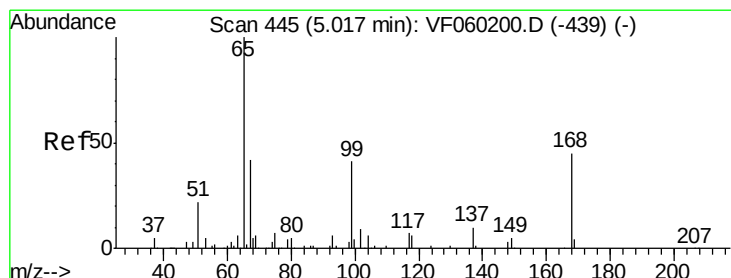
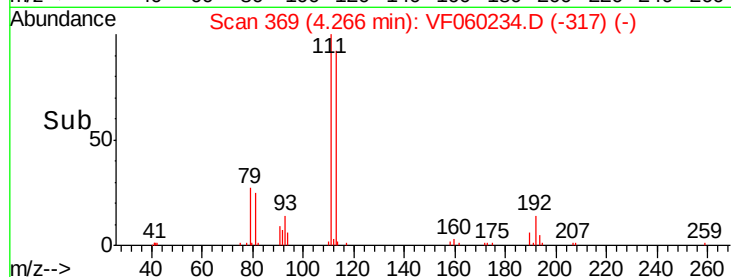
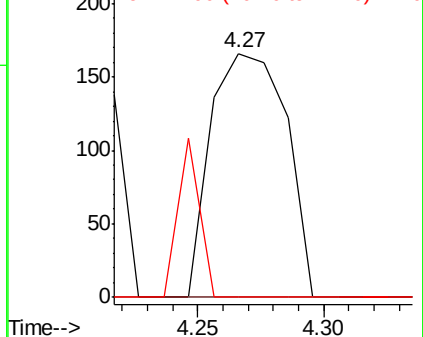
71 18.6 28.5 42.7#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 39.61 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.00 min

Lab File: VF060234.D

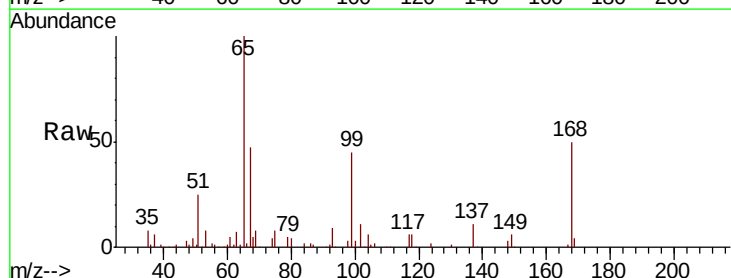
Acq: 10 Sep 2018 14:58

Tgt Ion: 65 Resp: 125571

Ion Ratio Lower Upper

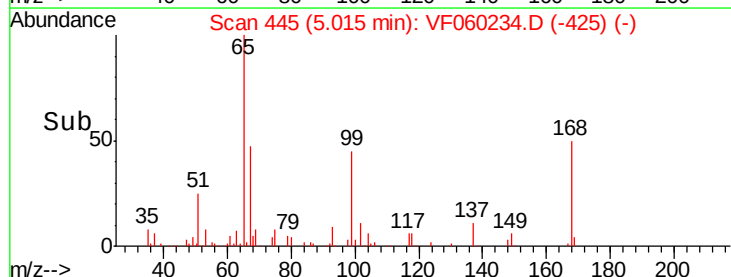
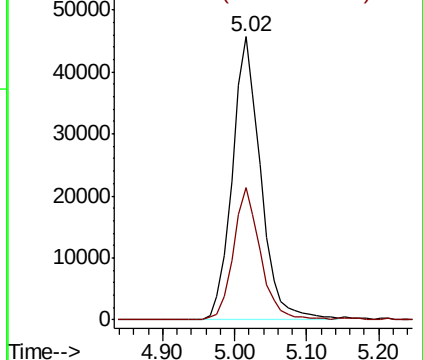
65 100

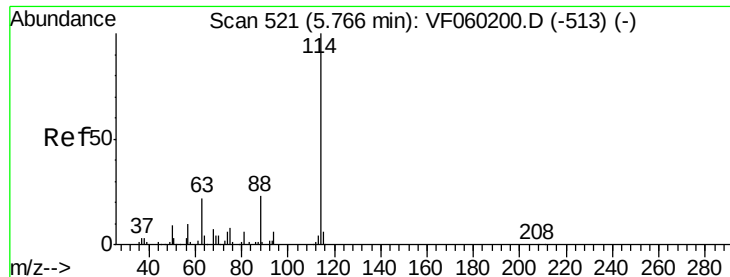
67 47.0 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 521

Delta R.T. -0.00 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampled :

EP1-Q2-H5

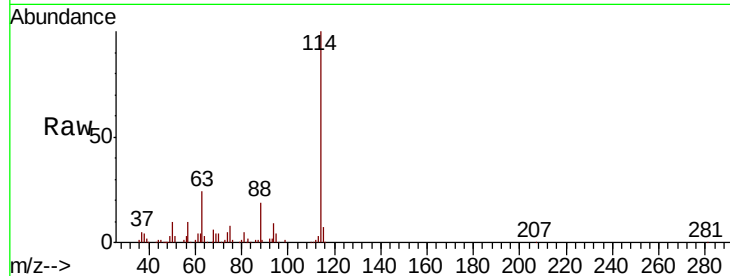
Tot Ion:114 Resp: 273336

Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.6

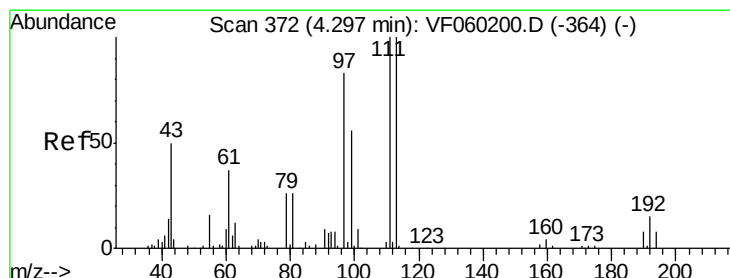
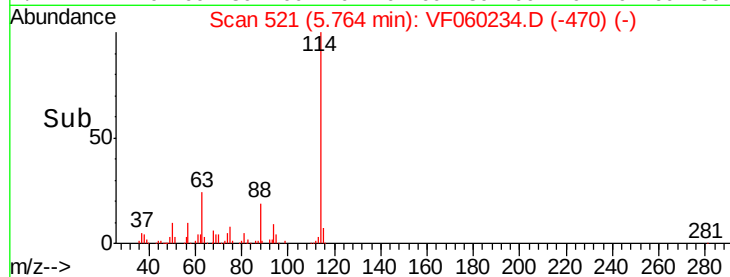
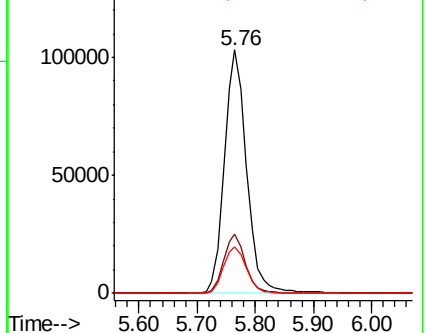
88 19.1 0.0 46.4



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: 39.71 ug/l

RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

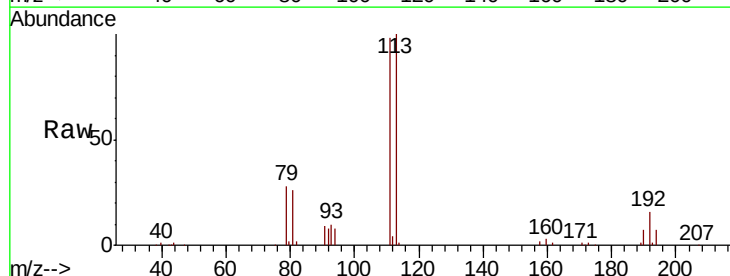
Tgt Ion:113 Resp: 106353

Ion Ratio Lower Upper

113 100

111 97.7 80.2 120.2

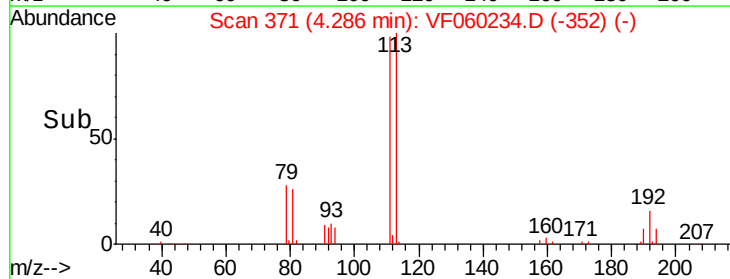
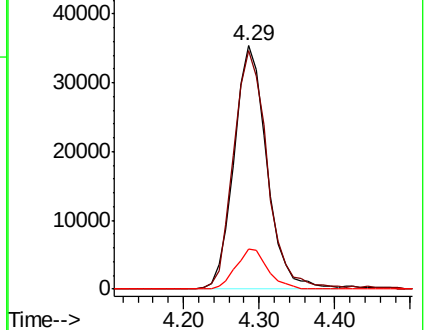
192 16.2 11.8 17.8

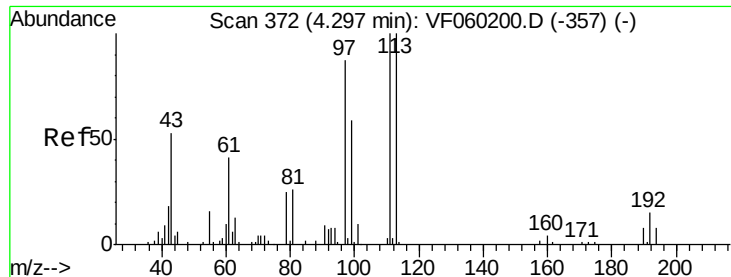


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.31 min Scan# 373

Delta R.T. 0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

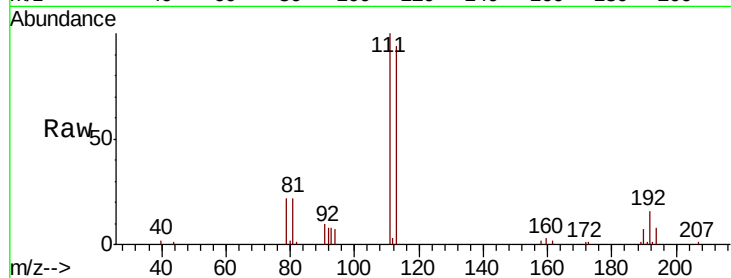
Tot Ion: 43 Resp: 128

Ion Ratio Lower Upper

43 100

61 0.0 61.6 92.4#

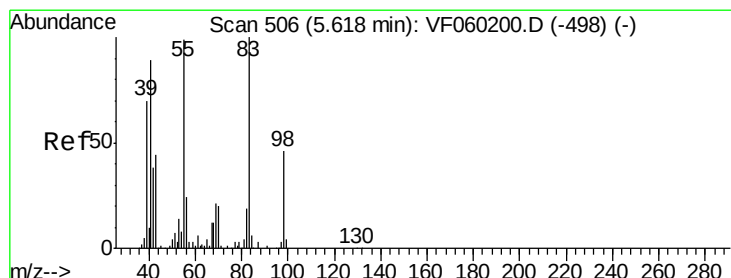
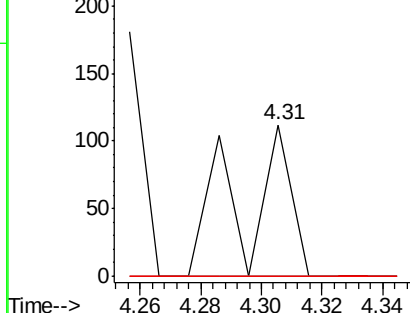
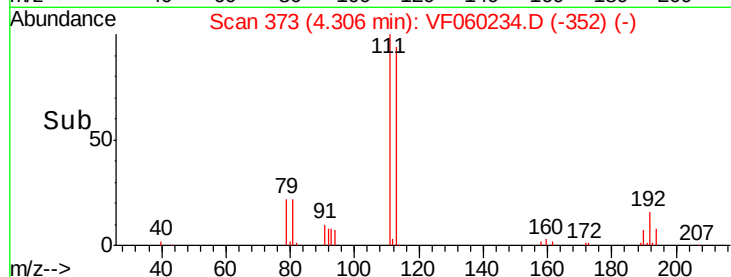
70 0.0 6.9 10.3#



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: 1.42 ug/l

RT: 5.76 min Scan# 521

Delta R.T. 0.15 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

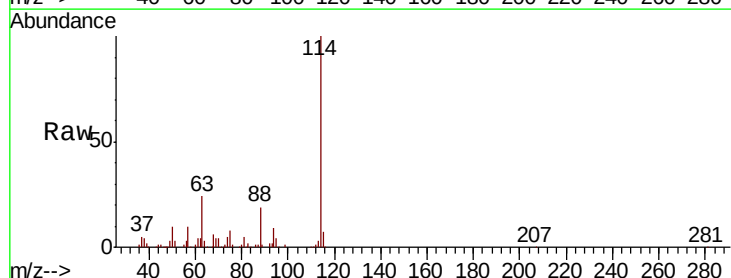
Tgt Ion: 83 Resp: 3836

Ion Ratio Lower Upper

83 100

55 24.3 79.0 118.4#

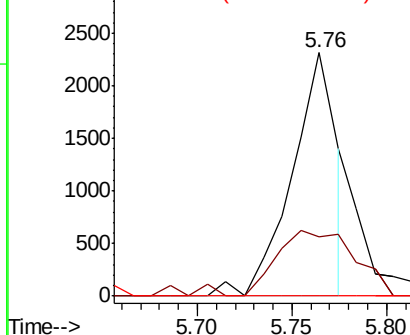
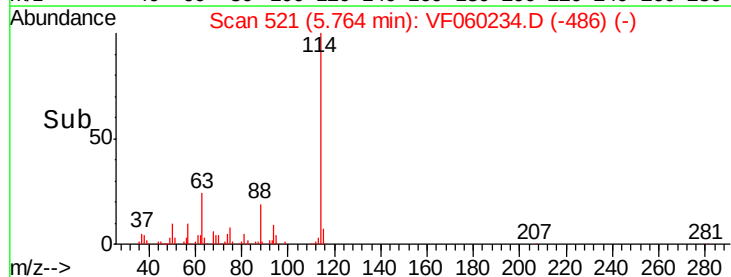
98 0.0 36.7 55.1#

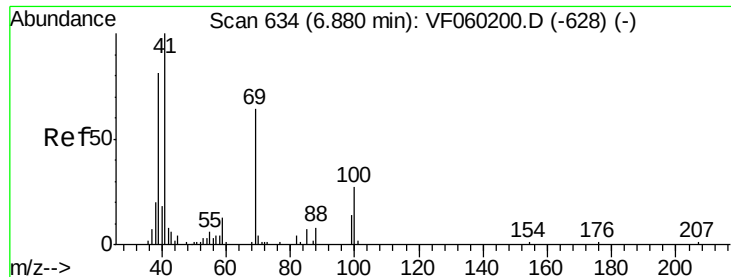


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#49

1,4-Dioxane

Concen: 3.80 ug/l

RT: 6.80 min Scan# 626

Delta R.T. -0.08 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

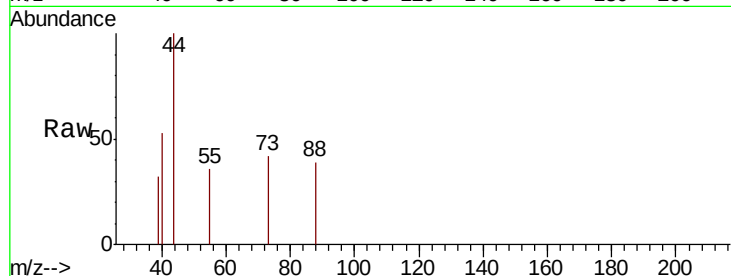
Tot Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 0.0 68.1 102.1#

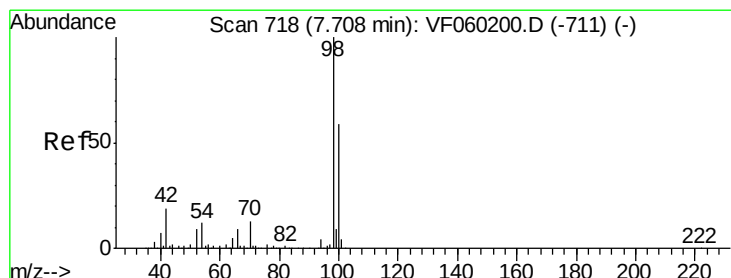
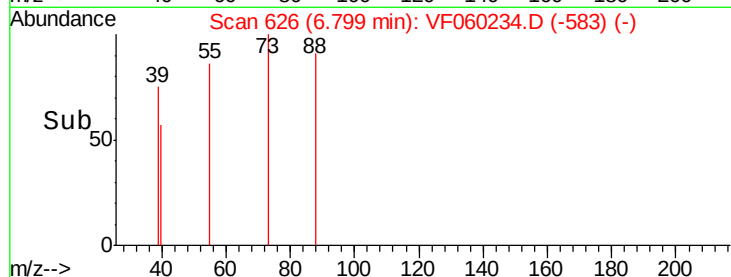
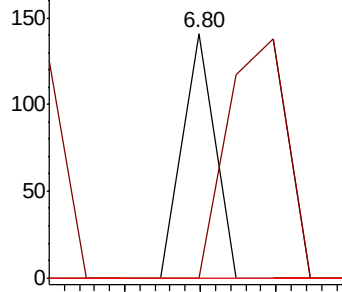
58 0.0 38.1 57.1#



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: 30.57 ug/l

RT: 7.71 min Scan# 718

Delta R.T. -0.00 min

Lab File: VF060234.D

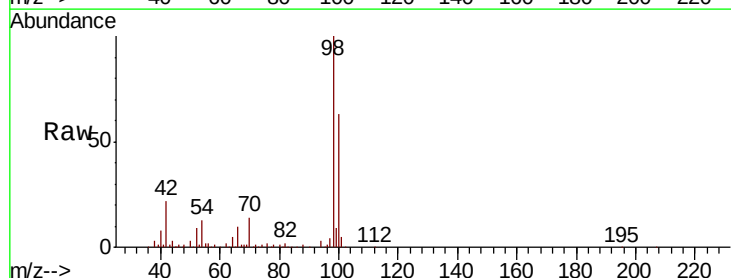
Acq: 10 Sep 2018 14:58

Tgt Ion: 98 Resp: 204263

Ion Ratio Lower Upper

98 100

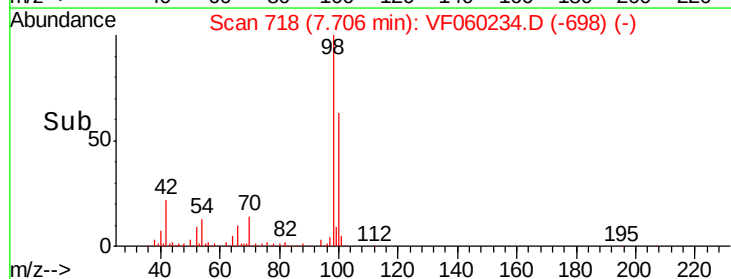
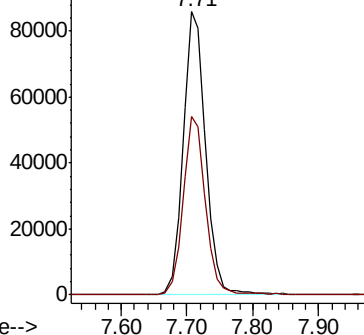
100 63.0 47.4 71.0

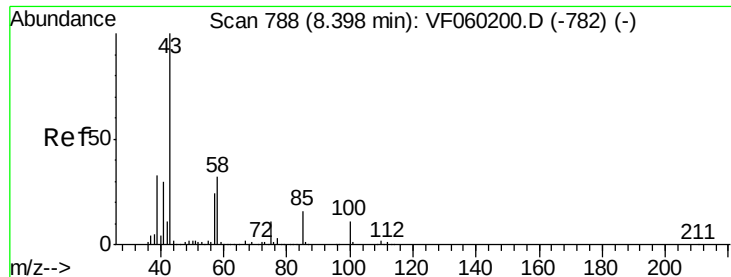


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

100000





#51

4-Methyl-2-Pentanone

Concen: 11.97 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.03 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

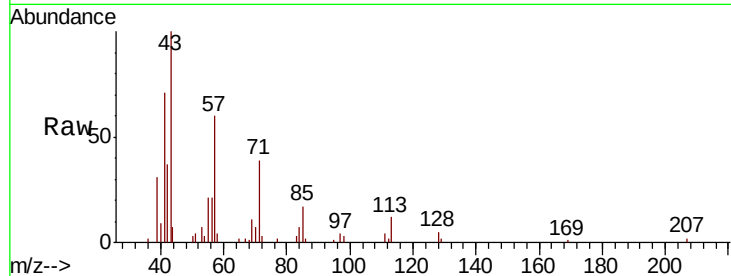
EP1-Q2-H5

Tot Ion: 43 Resp: 19907

Ion Ratio Lower Upper

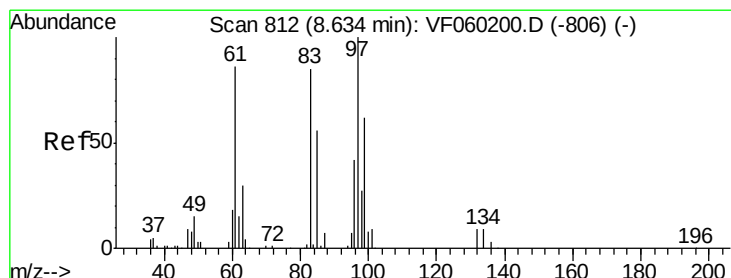
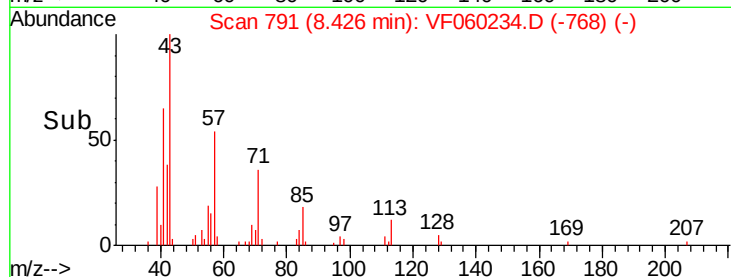
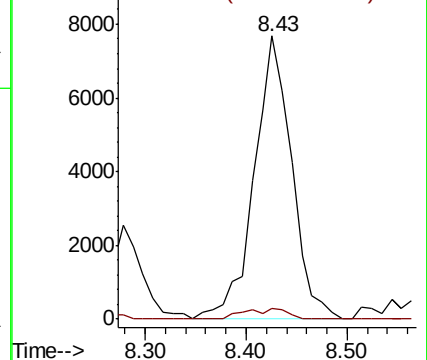
43 100

58 4.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#55

1,1,2-Trichloroethane

Concen: 1.73 ug/l

RT: 8.53 min Scan# 802

Delta R.T. -0.10 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Tgt Ion: 97 Resp: 2828

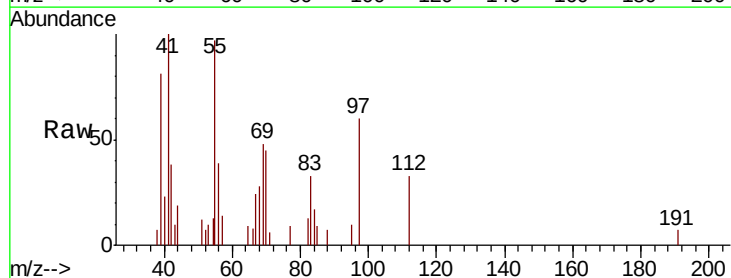
Ion Ratio Lower Upper

97 100

83 54.6 68.1 102.1#

85 14.6 44.6 66.8#

99 0.0 49.8 74.8#

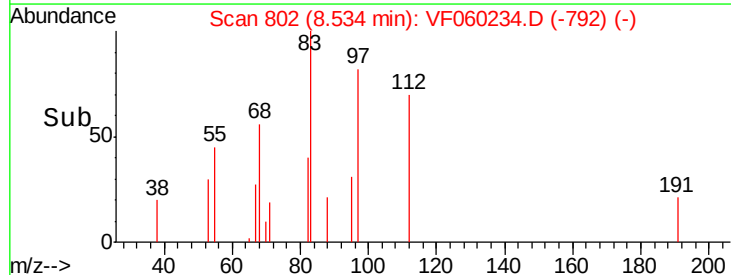
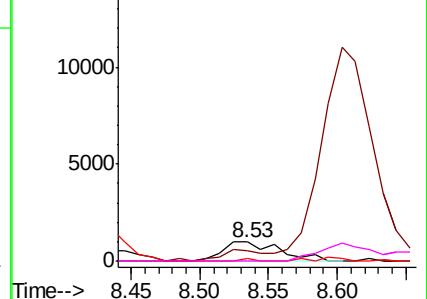


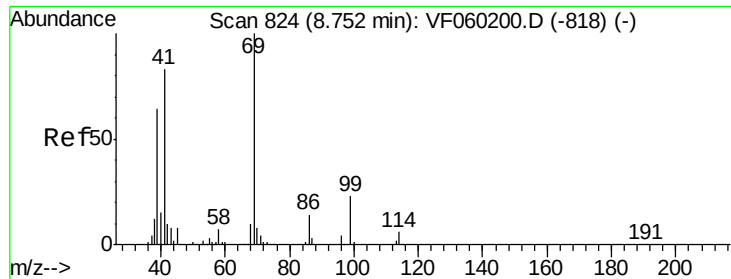
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0





#56

Ethyl methacrylate

Concen: 44.98 ug/l

RT: 8.77 min Scan# 826

Delta R.T. 0.02 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

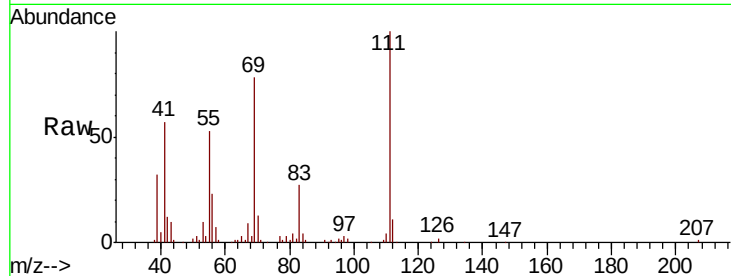
Tot Ion: 69 Resp: 83959

Ion Ratio Lower Upper

69 100

41 73.5 66.6 100.0

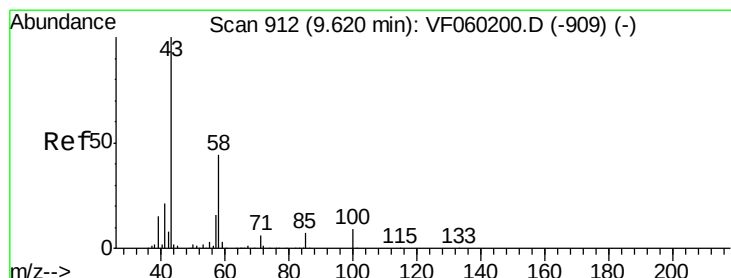
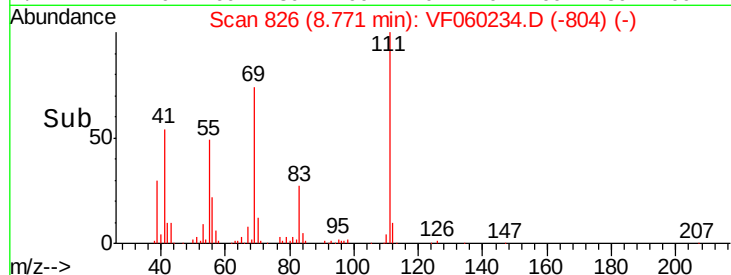
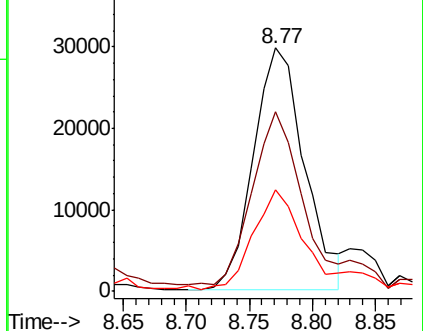
39 41.6 51.5 77.3#



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



#59

2-Hexanone

Concen: 8.14 ug/l

RT: 9.55 min Scan# 905

Delta R.T. -0.07 min

Lab File: VF060234.D

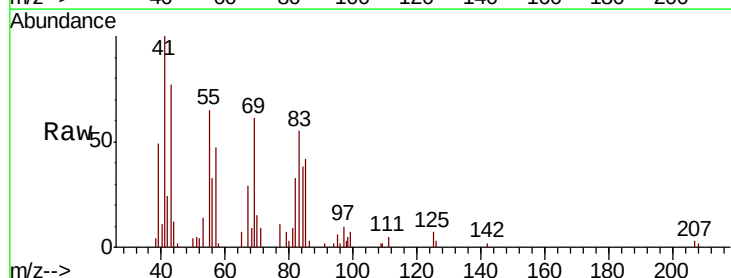
Acq: 10 Sep 2018 14:58

Tgt Ion: 43 Resp: 11535

Ion Ratio Lower Upper

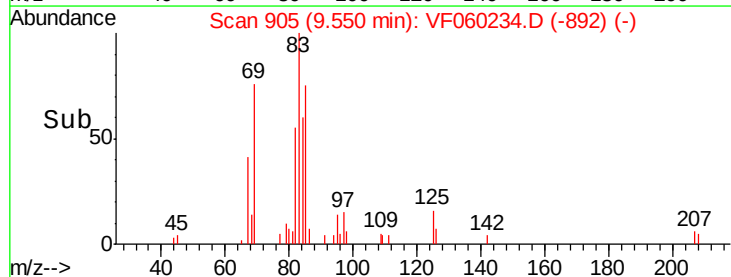
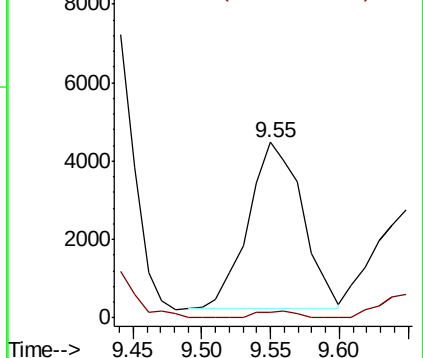
43 100

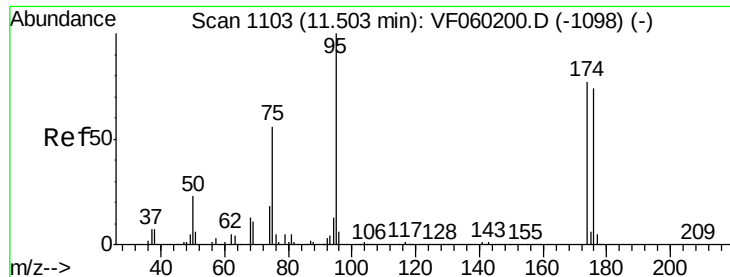
58 3.0 20.8 62.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

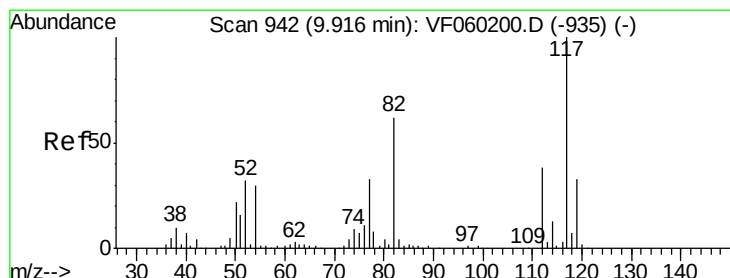
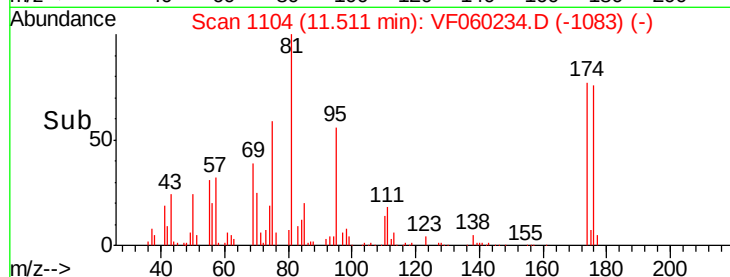
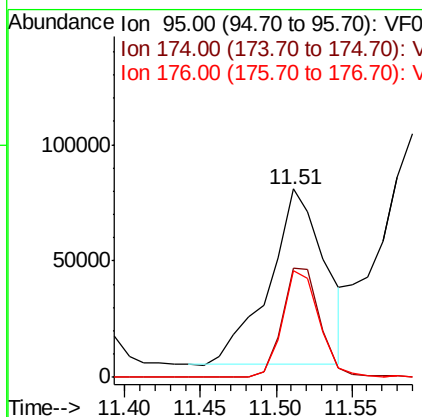
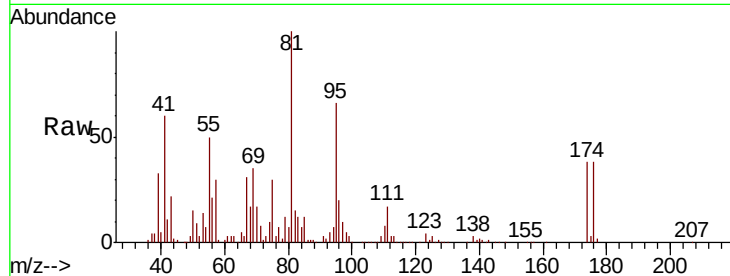




#62
4-Bromofluorobenzene
Concen: 51.32 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

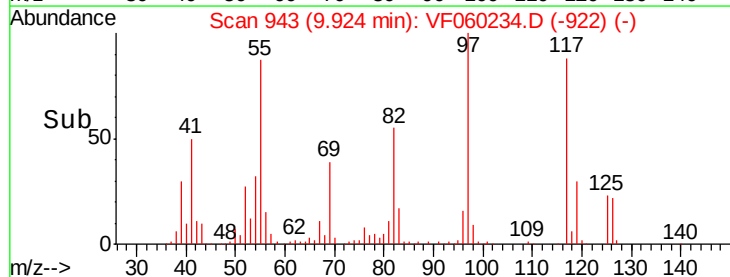
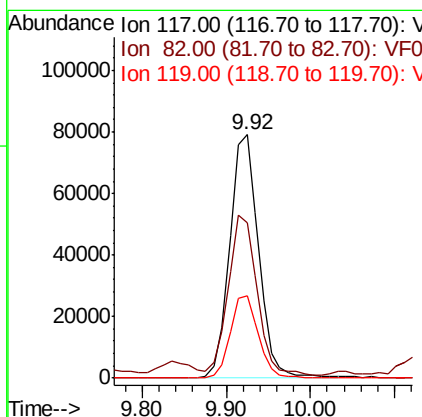
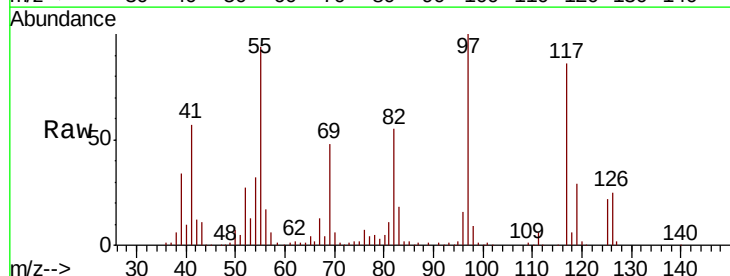
Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-H5

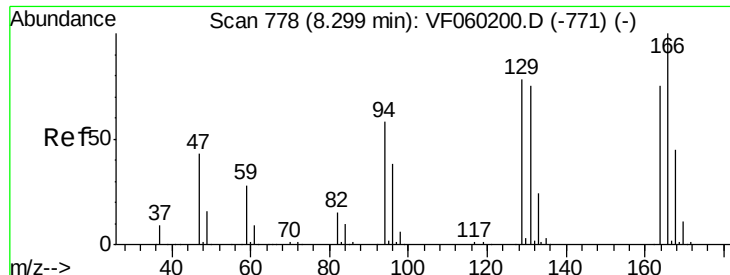
Tot Ion: 95 Resp: 193506
Ion Ratio Lower Upper
95 100
174 57.9 0.0 153.2
176 57.0 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Tgt Ion: 117 Resp: 188241
Ion Ratio Lower Upper
117 100
82 63.5 49.3 73.9
119 34.0 26.5 39.7

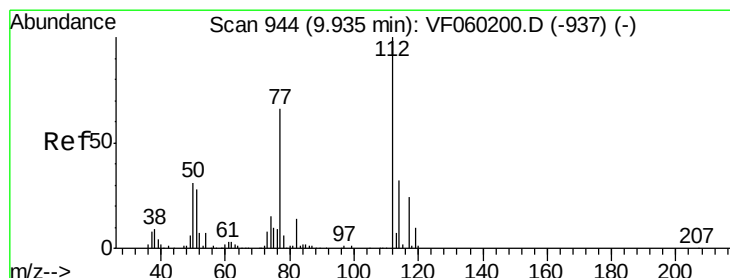
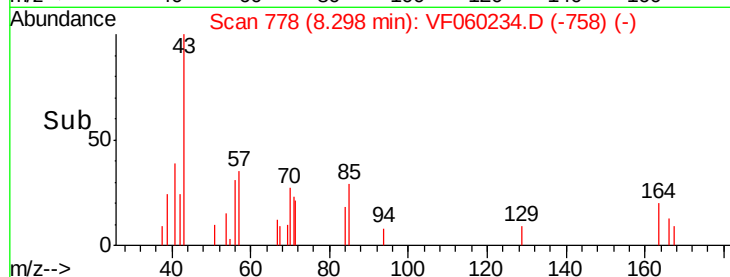
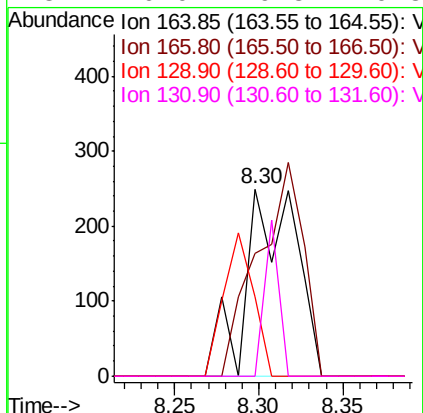
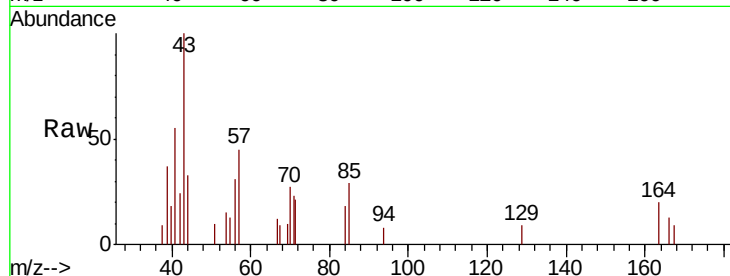




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.30 min Scan# 778
Delta R.T. -0.00 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

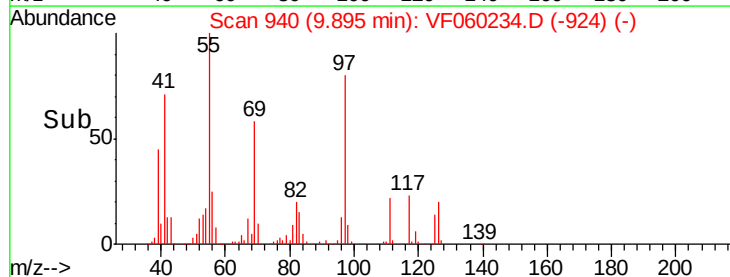
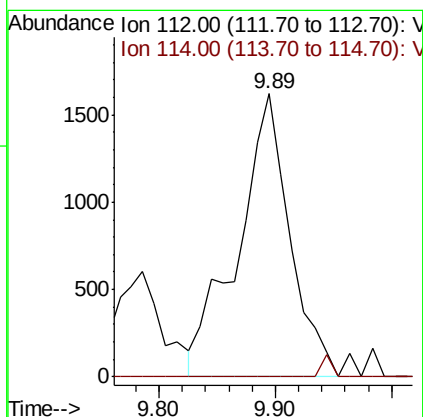
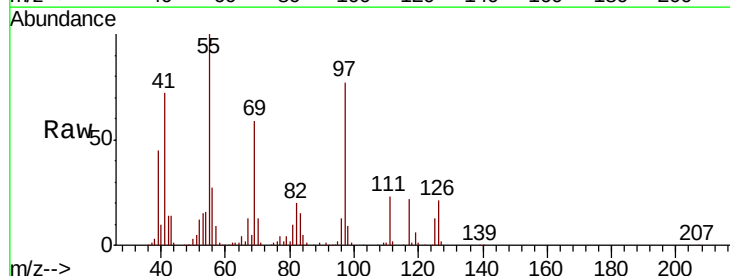
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H5

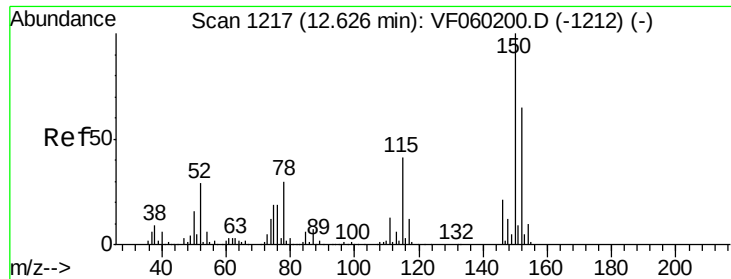
Tot Ion:164 Resp: 523
Ion Ratio Lower Upper
164 100
166 65.6 107.0 160.4#
129 42.4 83.0 124.6#
131 0.0 79.8 119.8#



#65
Chlorobenzene
Concen: 1.28 ug/l
RT: 9.89 min Scan# 940
Delta R.T. -0.04 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Tgt Ion:112 Resp: 5001
Ion Ratio Lower Upper
112 100
114 0.0 25.7 38.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampled :

EP1-Q2-H5

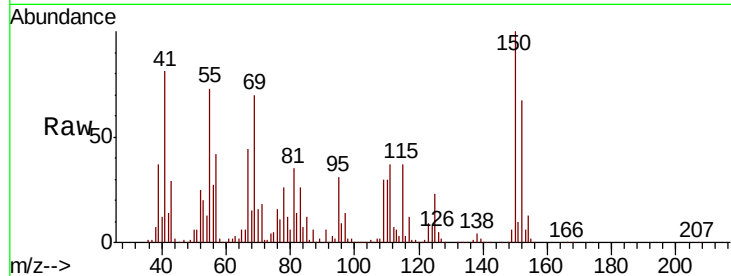
Tot Ion:152 Resp: 137316

Ion Ratio Lower Upper

152 100

115 55.8 31.5 94.5

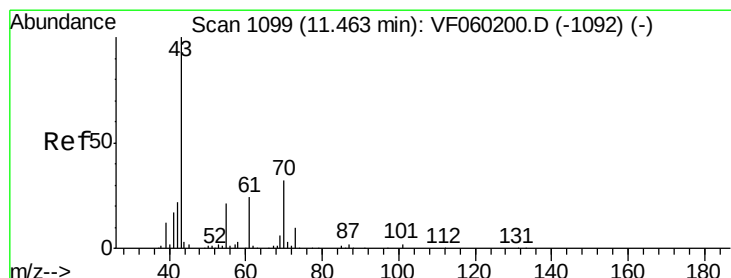
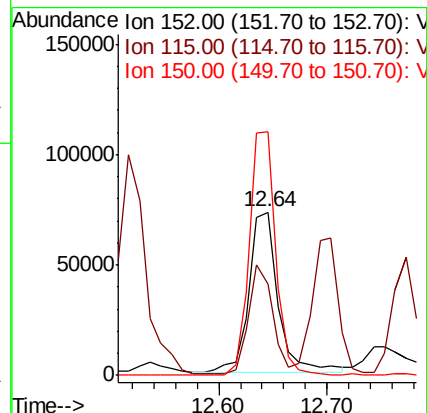
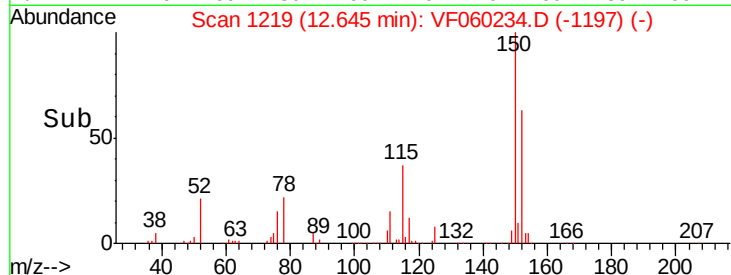
150 149.3 0.0 310.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#74

N-amil acetate

Concen: 53.31 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.03 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Tgt Ion: 43 Resp: 101191

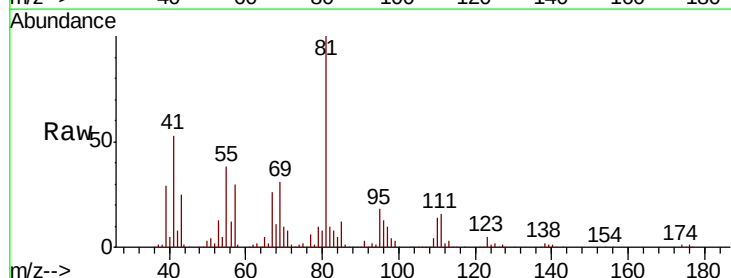
Ion Ratio Lower Upper

43 100

70 41.8 25.8 38.6#

55 152.6 16.8 25.2#

61 0.8 18.9 28.3#

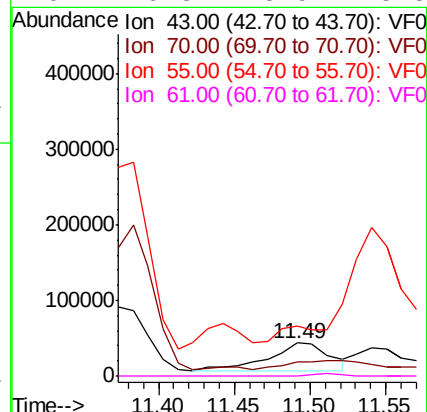
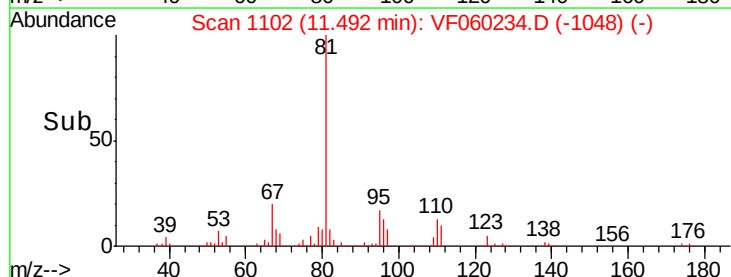


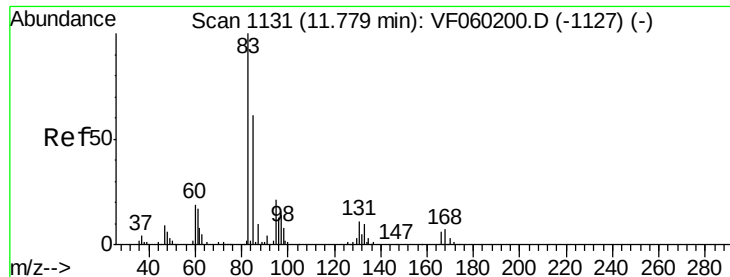
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 124.79 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

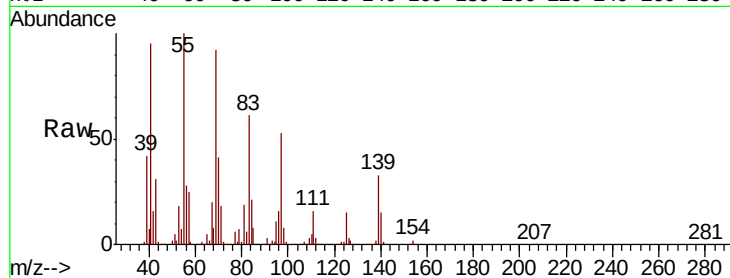
Tot Ion: 83 Resp: 177741

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

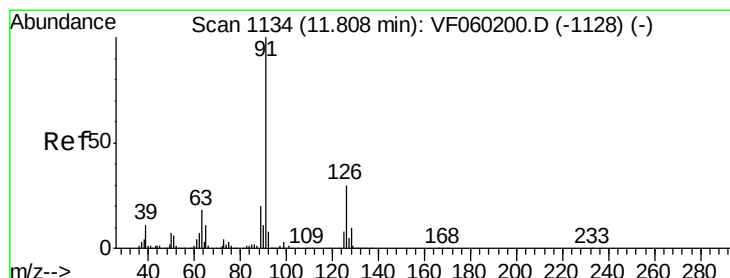
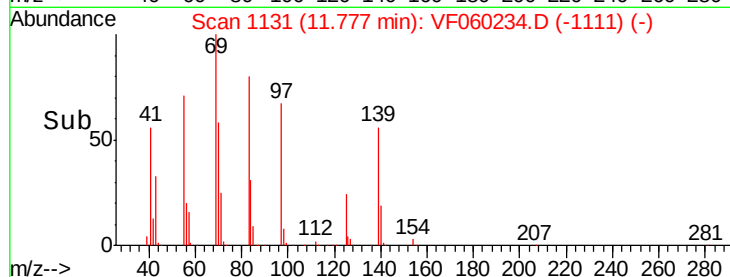
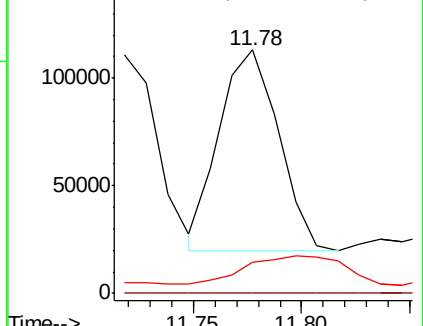
85 12.8 31.1 93.5#



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



#79

2-Chlorotoluene

Concen: 1.25 ug/l

RT: 11.66 min Scan# 1119

Delta R.T. -0.15 min

Lab File: VF060234.D

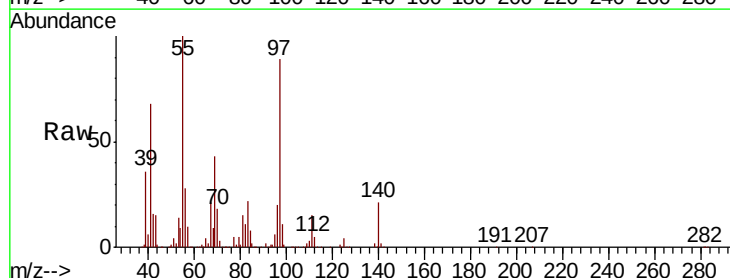
Acq: 10 Sep 2018 14:58

Tgt Ion: 91 Resp: 8605

Ion Ratio Lower Upper

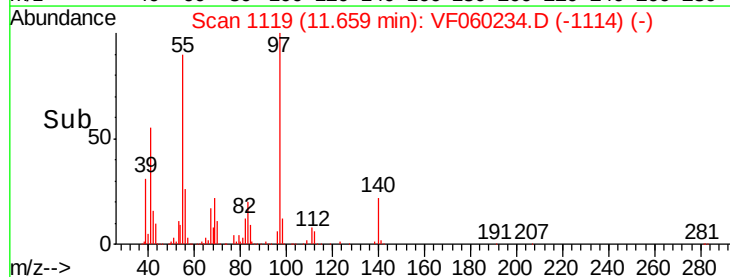
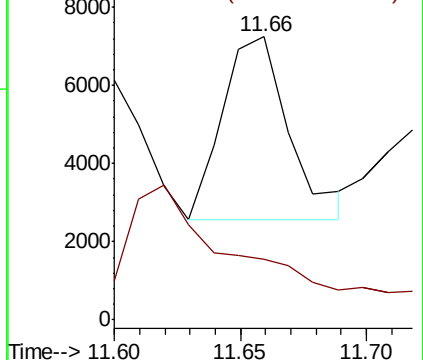
91 100

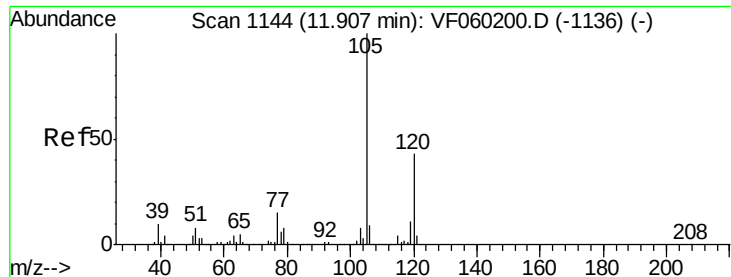
126 21.5 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: 258.03 ug/l

RT: 11.93 min Scan# 1146

Delta R.T. 0.02 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampled :

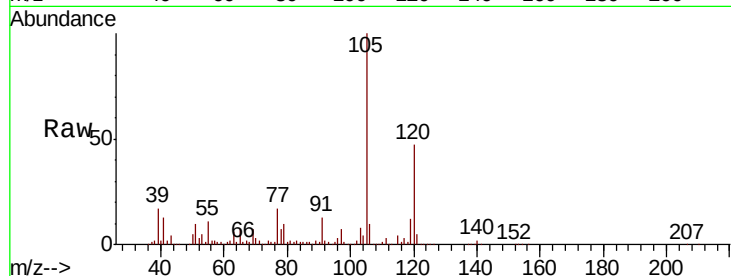
EP1-Q2-H5

Tot Ion:105 Resp: 2157458

Ion Ratio Lower Upper

105 100

120 46.7 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.93

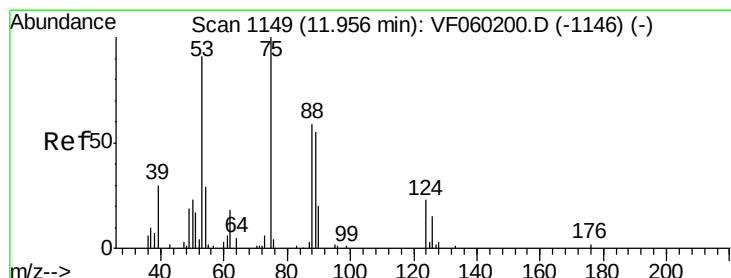
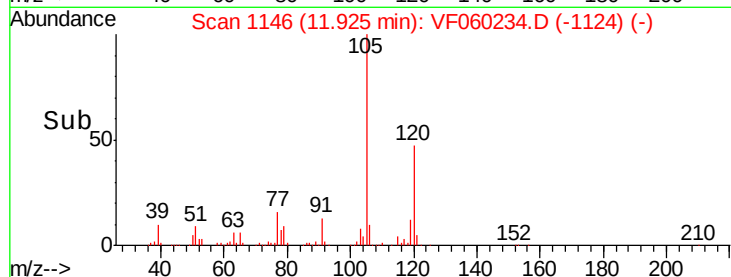
1000000

500000

0

Time-->

11.80 11.90 12.00 12.10



#81

trans-1,4-Dichloro-2-butene

Concen: 79.34 ug/l

RT: 11.93 min Scan# 1146

Delta R.T. -0.03 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

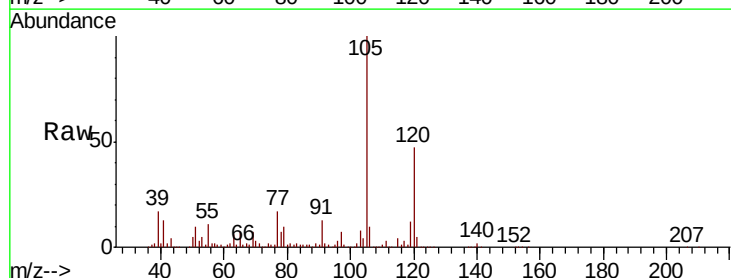
Tgt Ion: 75 Resp: 28526

Ion Ratio Lower Upper

75 100

53 403.9 76.5 114.7#

89 140.4 46.5 69.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

80000

60000

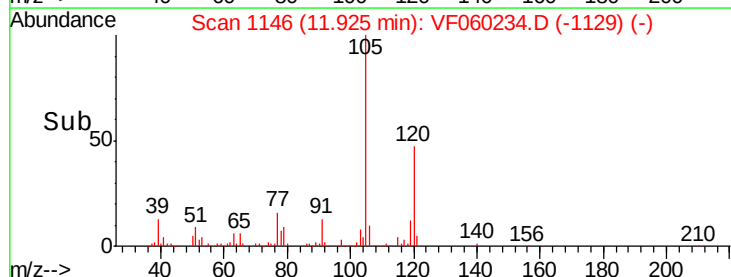
40000

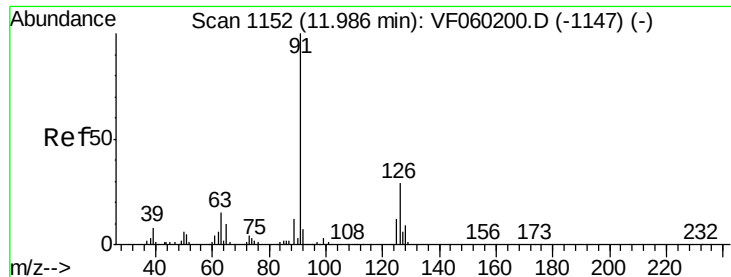
20000

0

Time-->

11.85 11.90 11.95

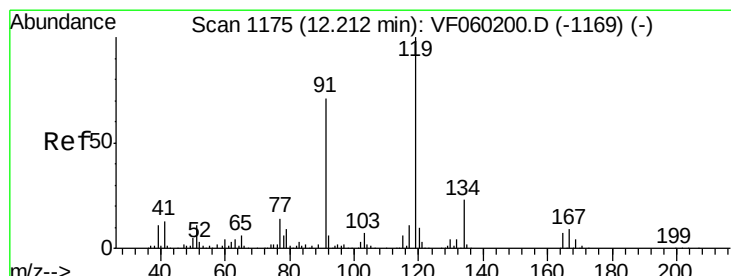
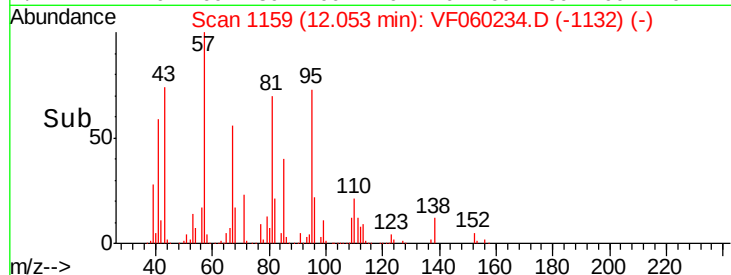
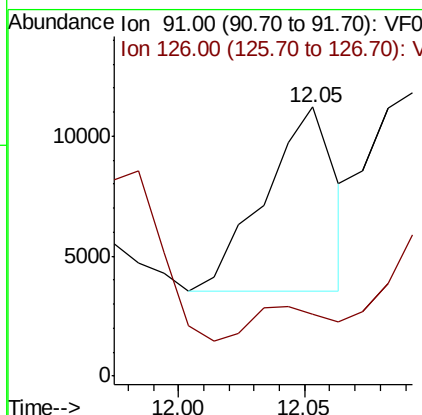
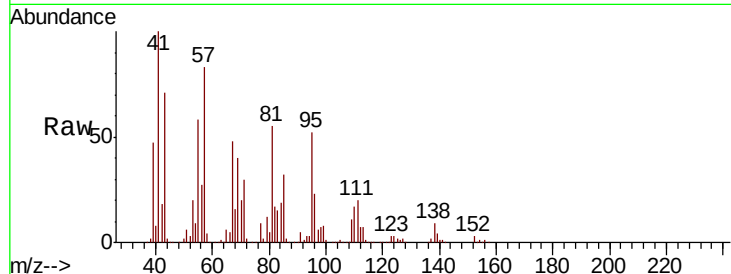




#82
4-Chlorotoluene
Concen: 1.97 ug/l
RT: 12.05 min Scan# 1159
Delta R.T. 0.07 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

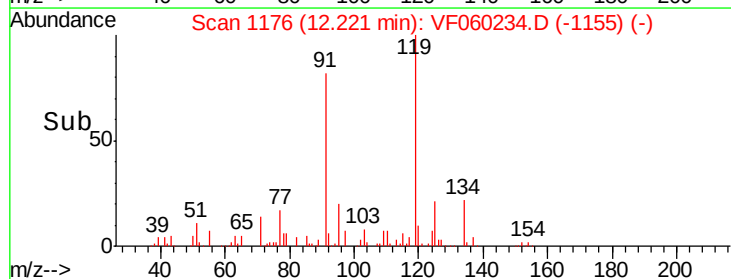
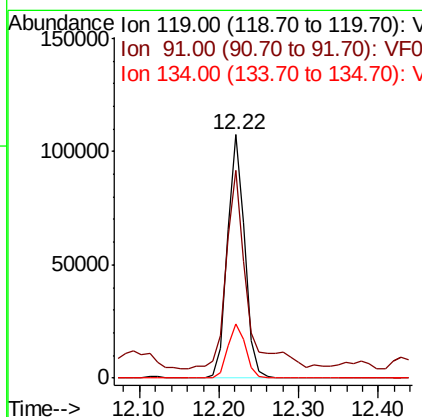
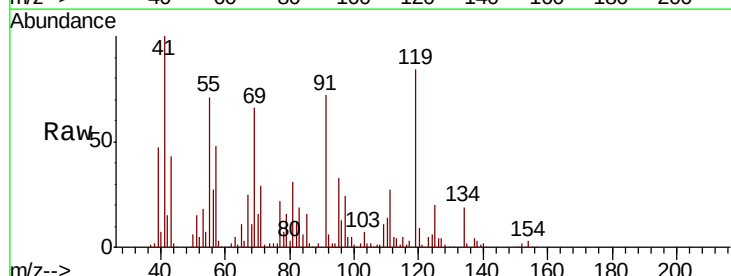
Instrument :
MSVOA_F
ClientSampled :
EP1-Q2-H5

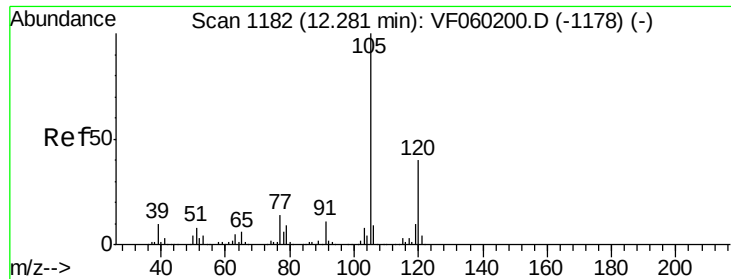
Tot Ion: 91 Resp: 14987
Ion Ratio Lower Upper
91 100
126 23.0 14.4 43.4



#83
tert-Butylbenzene
Concen: 21.66 ug/l
RT: 12.22 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VF060234.D
Acq: 10 Sep 2018 14:58

Tgt Ion: 119 Resp: 165048
Ion Ratio Lower Upper
119 100
91 85.6 35.8 107.4
134 22.3 11.6 34.7

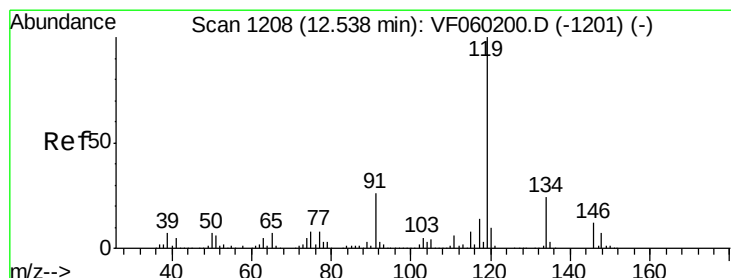
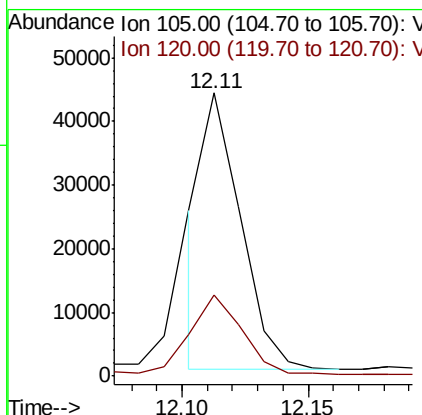
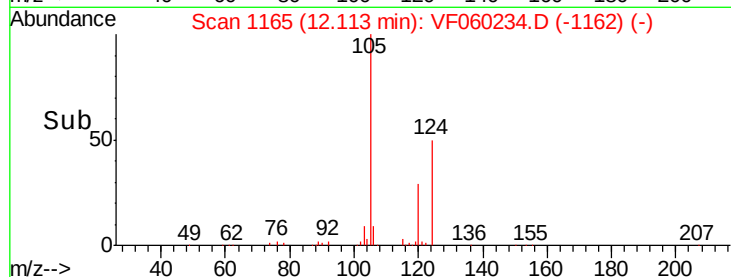
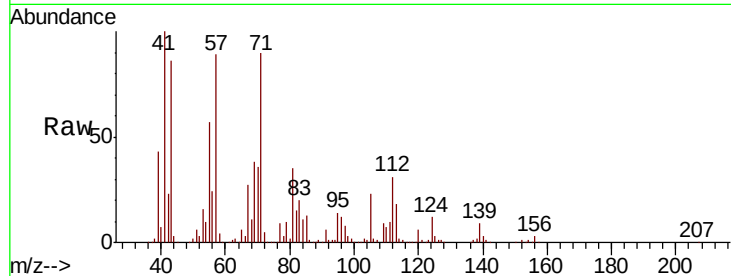




#84
 1,2,4-Trimethylbenzene
 Concen: 5.35 ug/l
 RT: 12.11 min Scan# 1165
 Delta R.T. -0.17 min
 Lab File: VF060234.D
 Acq: 10 Sep 2018 14:58

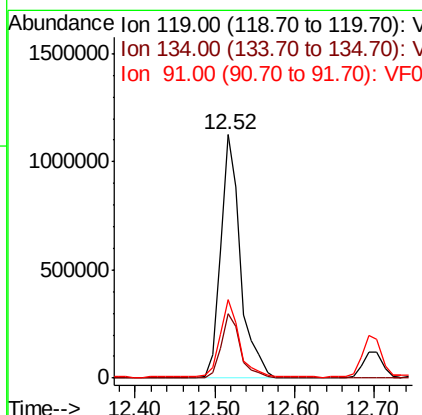
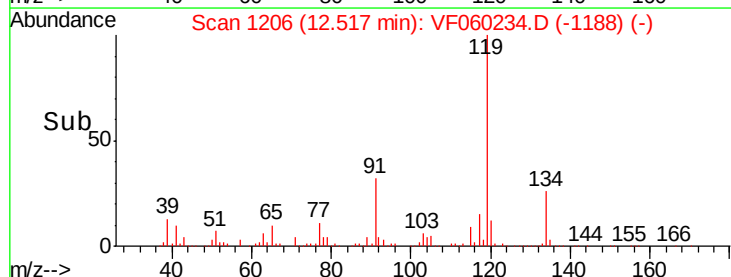
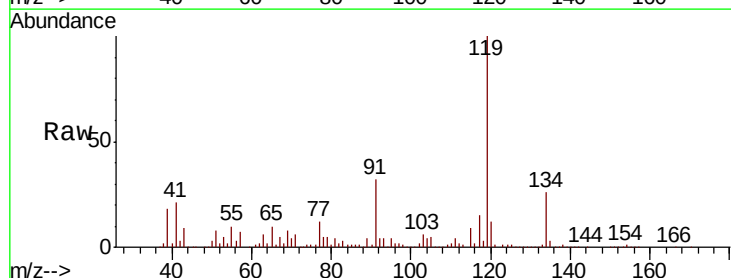
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H5

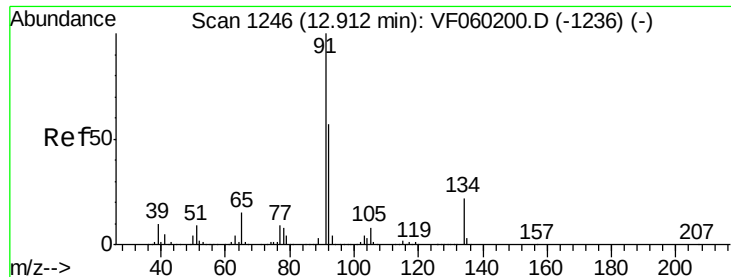
Tot Ion:105 Resp: 45447
 Ion Ratio Lower Upper
 105 100
 120 28.5 20.2 60.5



#86
 p-Isopropyltoluene
 Concen: 210.94 ug/l
 RT: 12.52 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: VF060234.D
 Acq: 10 Sep 2018 14:58

Tgt Ion:119 Resp: 1968729
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.0 36.0
 91 32.0 12.9 38.7





#89

n-Butylbenzene

Concen: 129.74 ug/l

RT: 12.92 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

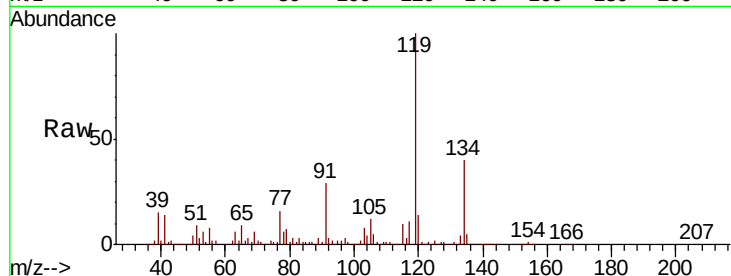
Tot Ion: 91 Resp: 1171185

Ion Ratio Lower Upper

91 100

92 10.1 28.4 85.3#

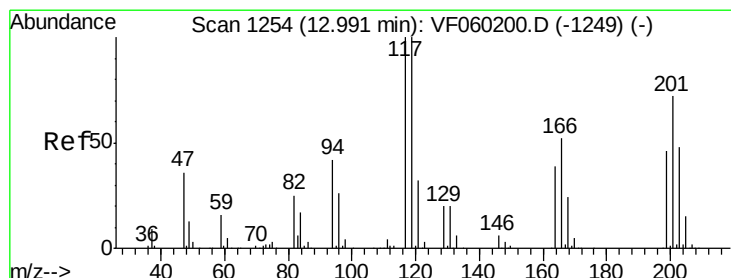
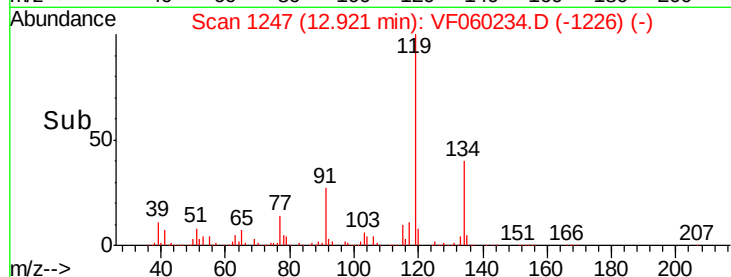
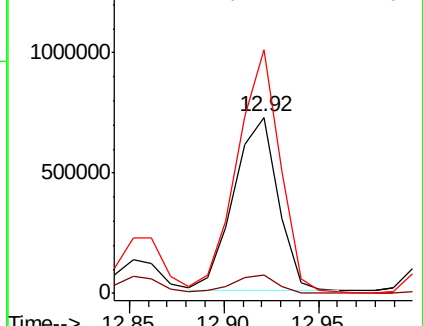
134 138.3 11.1 33.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 80.37 ug/l

RT: 13.01 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VF060234.D

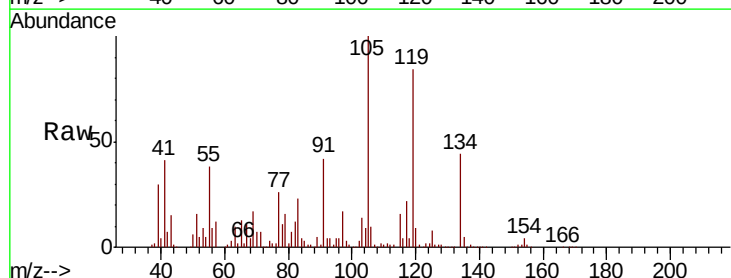
Acq: 10 Sep 2018 14:58

Tgt Ion: 117 Resp: 152070

Ion Ratio Lower Upper

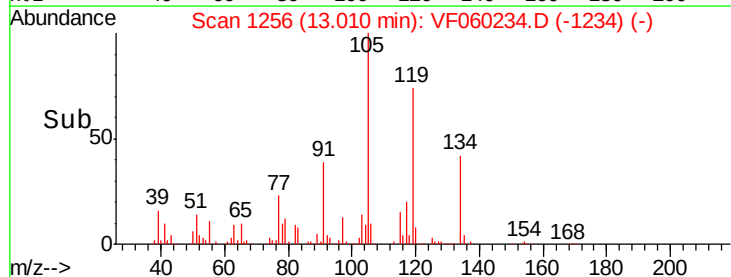
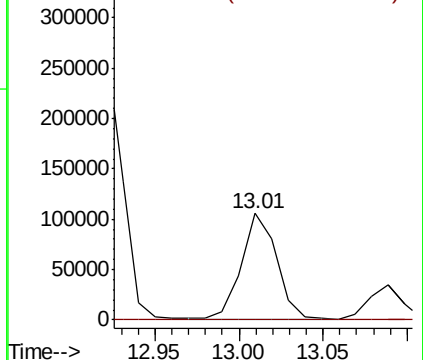
117 100

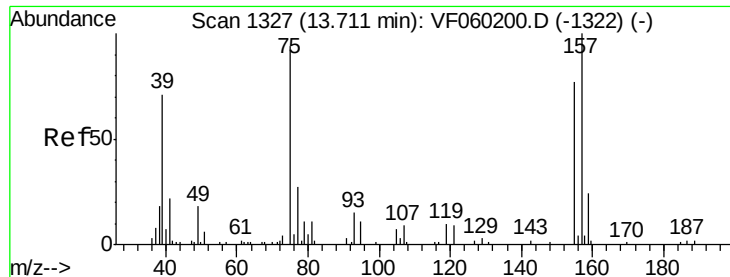
201 0.0 35.7 107.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 65.66 ug/l

RT: 13.69 min Scan# 1325

Delta R.T. -0.02 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H5

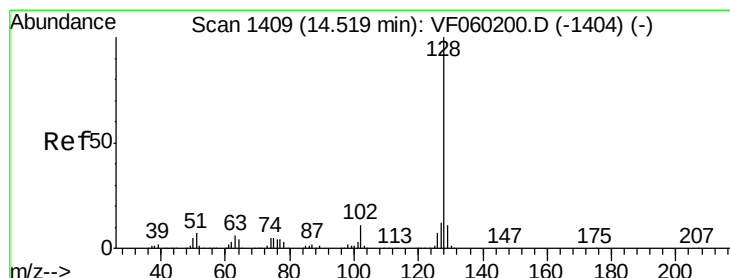
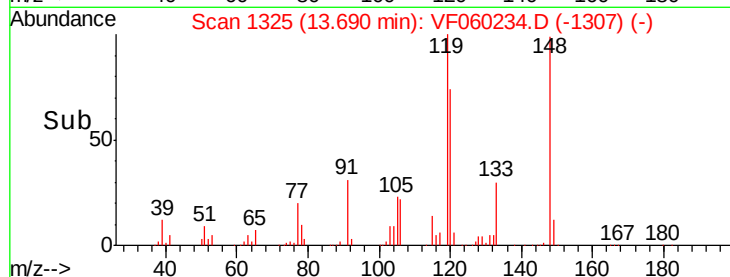
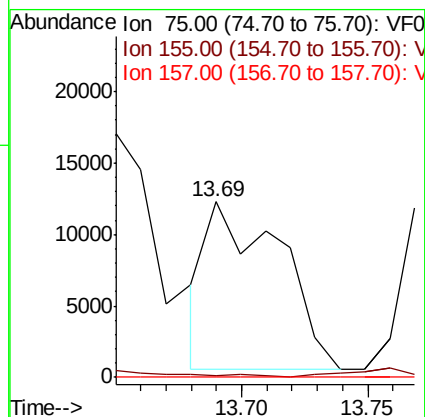
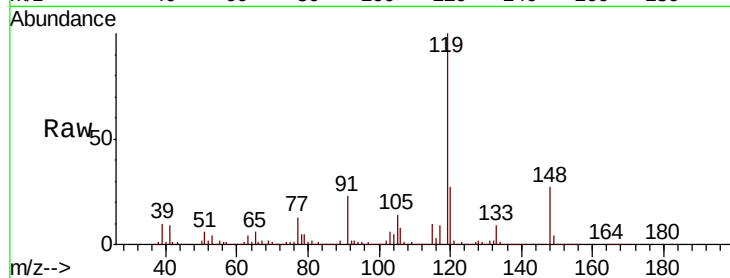
Tot Ion: 75 Resp: 23865

Ion Ratio Lower Upper

75 100

155 1.2 40.8 122.5#

157 0.0 53.3 159.9#



#95

Naphthalene

Concen: 6.60 ug/l

RT: 14.53 min Scan# 1410

Delta R.T. 0.01 min

Lab File: VF060234.D

Acq: 10 Sep 2018 14:58

Tgt Ion: 128 Resp: 21886

Ion Ratio Lower Upper

128 100

127 32.2 9.9 14.9#

129 81.1 8.9 13.3#

