

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062007.D
 Acq On : 18 Mar 2019 19:52
 Operator : VA/AP
 Sample : K1687-11
 Misc : 5.10µ/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-031519-C

Quant Time: Mar 19 01:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	7368	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	8511	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	4727	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	1194	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	1287	24.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	48.54%	
35) Dibromofluoromethane	4.11	113	2399	41.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.96%	
50) Toluene-d8	7.54	98	7317	43.79	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.58%	
62) 4-Bromofluorobenzene	11.40	95	1954	29.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.88%	

Target Compounds

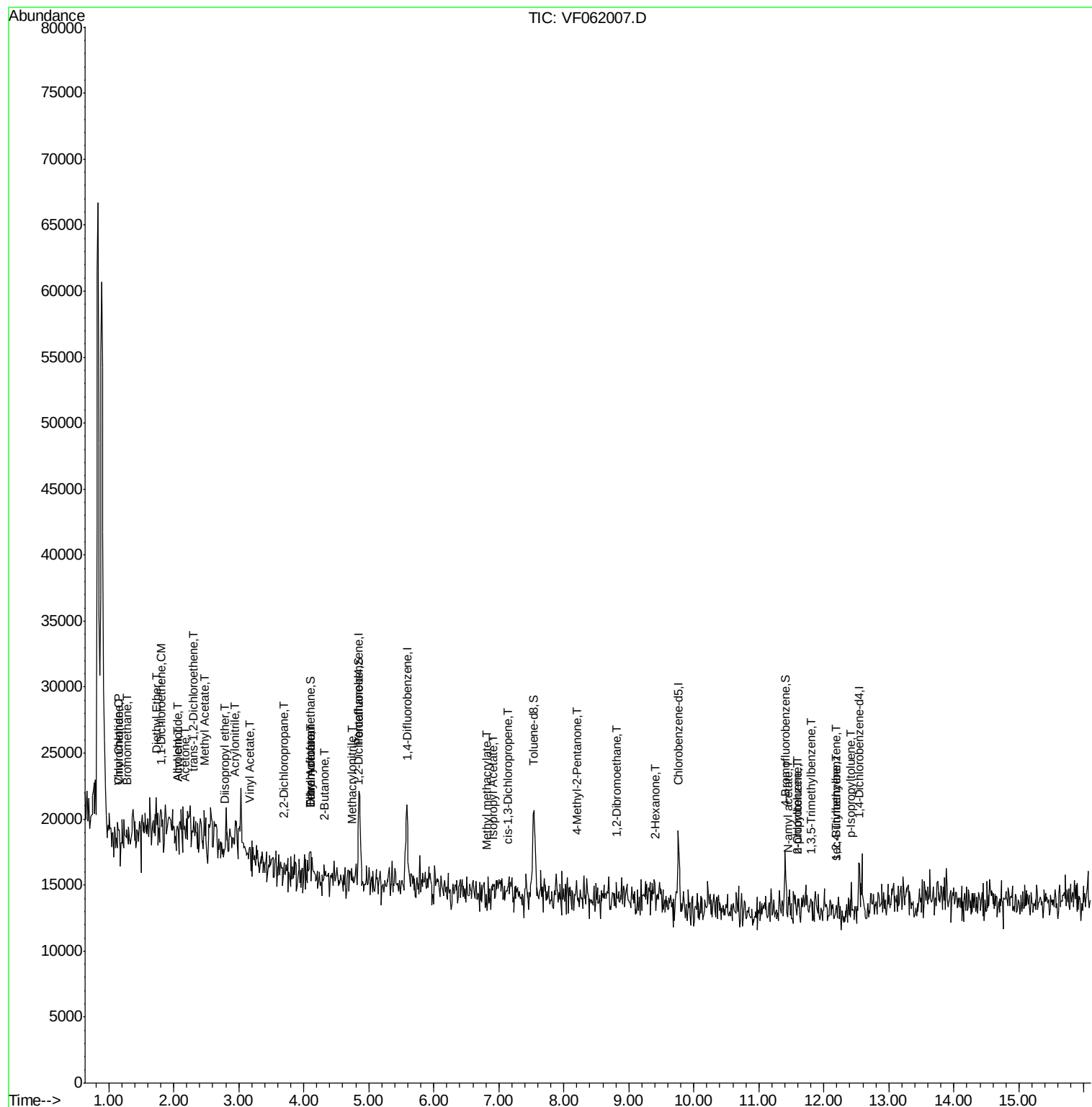
						Qvalue
3) Chloromethane	1.17	50	134	1.679	ug/l #	46
4) Vinyl Chloride	1.16	62	99	1.282	ug/l #	40
5) Bromomethane	1.28	94	992	18.292	ug/l #	3
8) Diethyl Ether	1.73	74	69	3.035	ug/l	80
12) 1,1-Dichloroethene	1.81	96	137	2.203	ug/l #	1
13) Acrolein	2.07	56	249	71.071	ug/l	90
14) Allyl chloride	2.06	41	824	10.380	ug/l #	52
15) Acrylonitrile	2.94	53	332	33.640	ug/l #	1
16) Acetone	2.18	43	1157	97.146	ug/l	91
18) Methyl Acetate	2.48	43	1396	57.294	ug/l #	63
21) trans-1,2-Dichloroethene	2.30	96	76	1.171	ug/l #	1
22) Diisopropyl ether	2.78	45	1328	6.955	ug/l #	49
23) Vinyl Acetate	3.17	43	669	8.888	ug/l #	77
25) 2-Butanone	4.32	43	130	5.511	ug/l #	51
26) 2,2-Dichloropropane	3.69	77	270	5.156	ug/l #	54
29) Tetrahydrofuran	4.12	42	60	5.849	ug/l #	33
37) Ethyl Acetate	4.11	43	286	8.287	ug/l #	19
41) Methacrylonitrile	4.75	41	62	3.363	ug/l #	22
43) Isopropyl Acetate	6.91	43	71	1.739	ug/l #	38
48) Methyl methacrylate	6.80	41	69	2.615	ug/l #	20
51) 4-Methyl-2-Pentanone	8.21	43	61	2.104	ug/l #	36
54) cis-1,3-Dichloropropene	7.13	75	81	1.088	ug/l #	34
59) 2-Hexanone	9.41	43	186	8.864	ug/l #	23
61) 1,2-Dibromoethane	8.80	107	59	1.584	ug/l #	4
74) N-amyl acetate	11.45	43	214	11.322	ug/l #	43
78) n-propylbenzene	11.59	91	274	2.889	ug/l #	52
79) 2-Chlorotoluene	11.59	91	274	5.118	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.81	105	430	6.453	ug/l	95
84) 1,2,4-Trimethylbenzene	12.18	105	359	5.379	ug/l #	26
85) sec-Butylbenzene	12.18	105	359	3.813	ug/l #	57
86) p-Isopropyltoluene	12.42	119	261	3.322	ug/l #	22

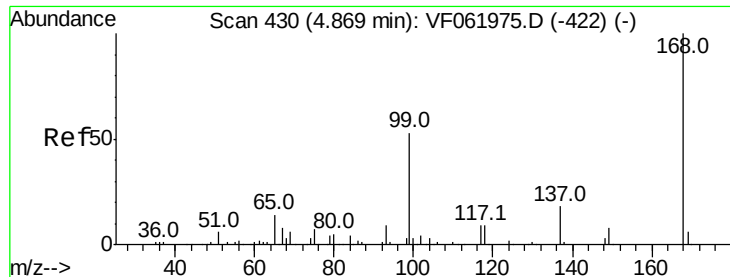
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

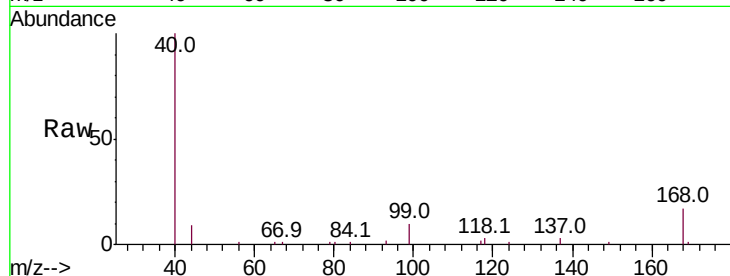
HR-05-031519-C

Tot Ion:168 Resp: 7368

Ion Ratio Lower Upper

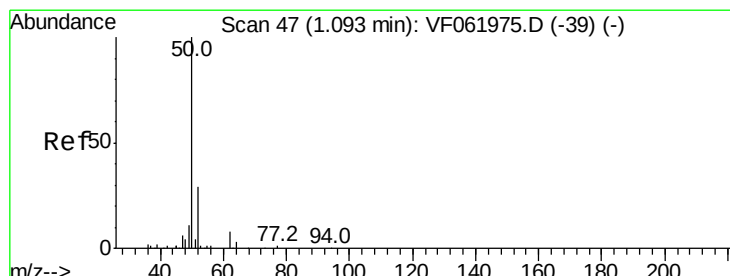
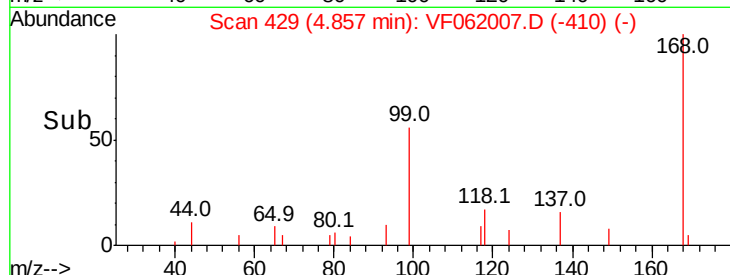
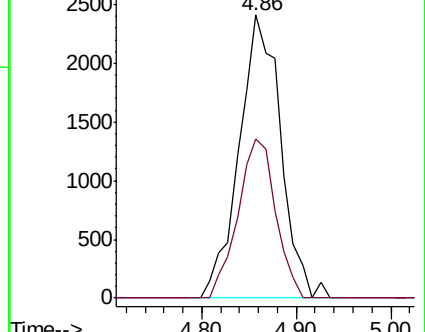
168 100

99 56.3 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: 1.679 ug/l

RT: 1.17 min Scan# 55

Delta R.T. 0.08 min

Lab File: VF062007.D

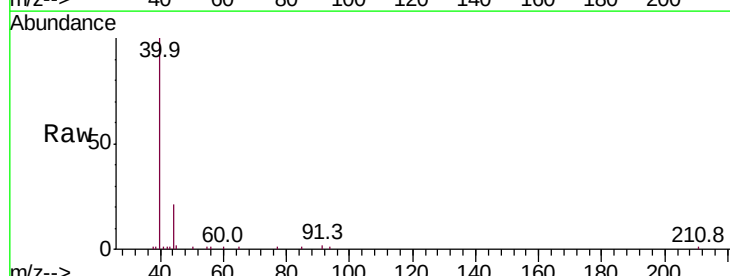
Acq: 18 Mar 2019 19:52

Tgt Ion: 50 Resp: 134

Ion Ratio Lower Upper

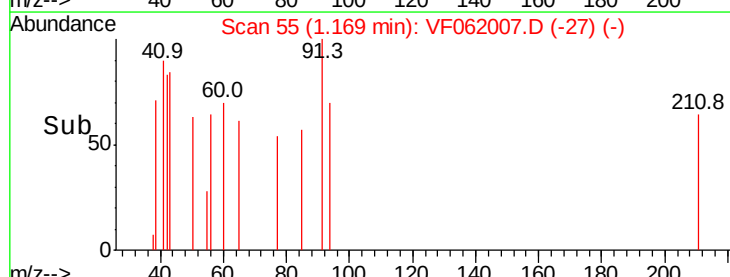
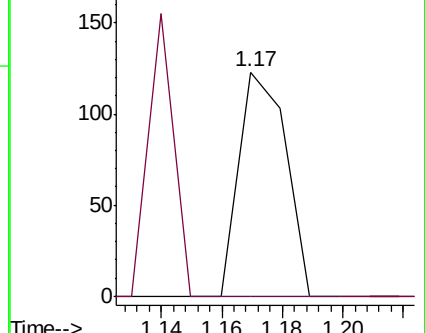
50 100

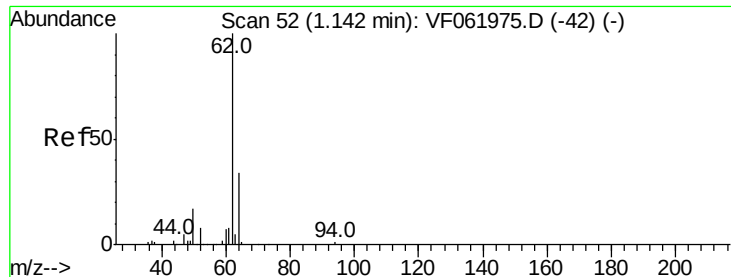
52 0.0 22.6 34.0#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#4

Vinyl Chloride

Concen: 1.282 ug/l

RT: 1.16 min Scan# 54

Delta R.T. 0.02 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

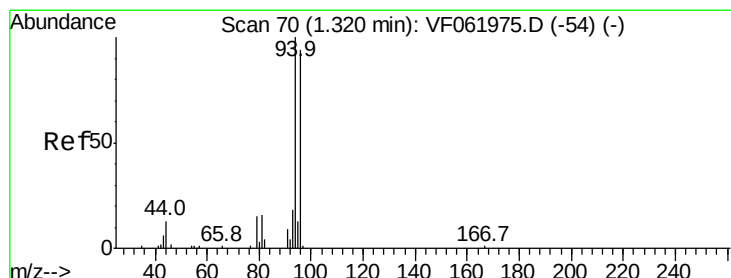
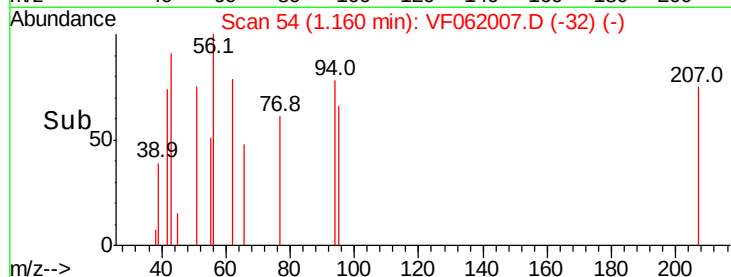
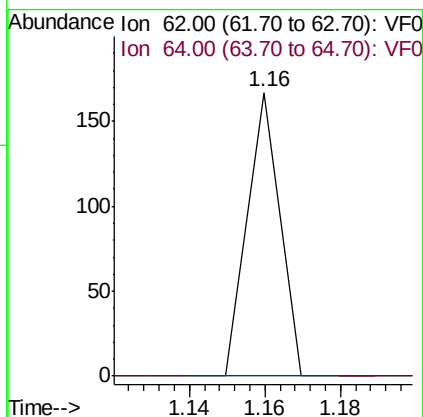
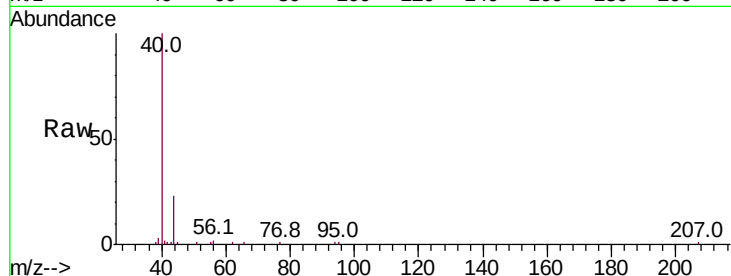
HR-05-031519-C

Tot Ion: 62 Resp: 99

Ion Ratio Lower Upper

62 100

64 0.0 27.4 41.2#



#5

Bromomethane

Concen: 18.292 ug/l

RT: 1.28 min Scan# 66

Delta R.T. -0.04 min

Lab File: VF062007.D

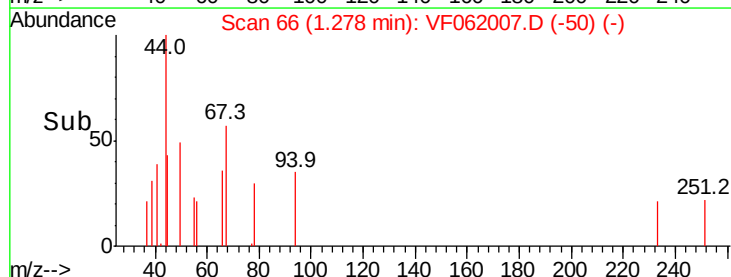
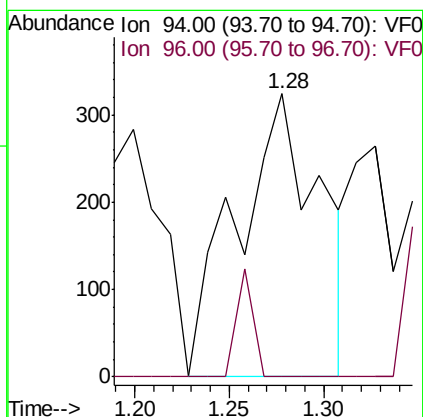
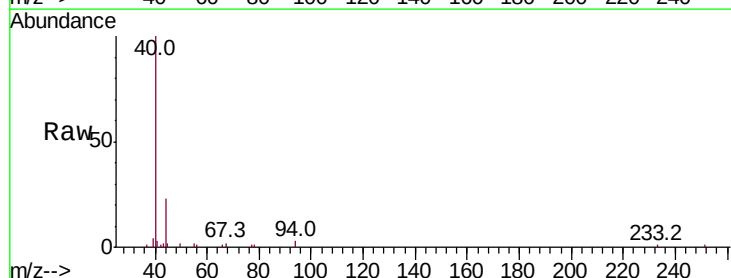
Acq: 18 Mar 2019 19:52

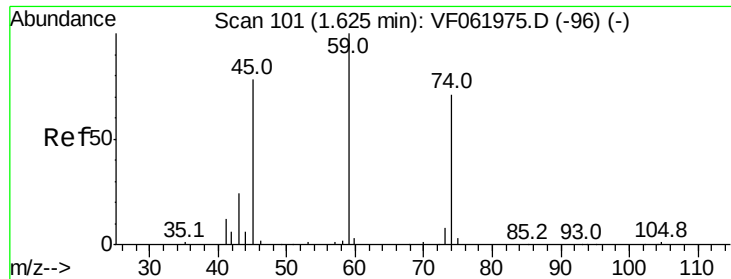
Tgt Ion: 94 Resp: 992

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.6#





#8

Diethyl Ether

Concen: 3.035 ug/l

RT: 1.73 min Scan# 112

Delta R.T. 0.11 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

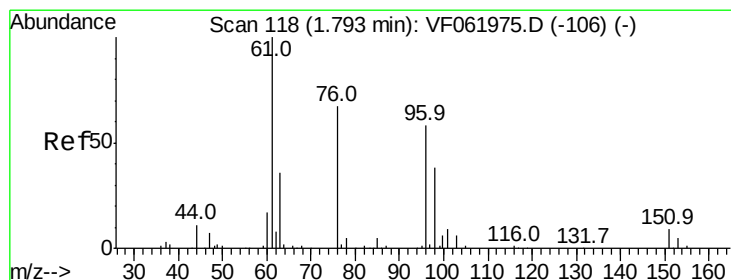
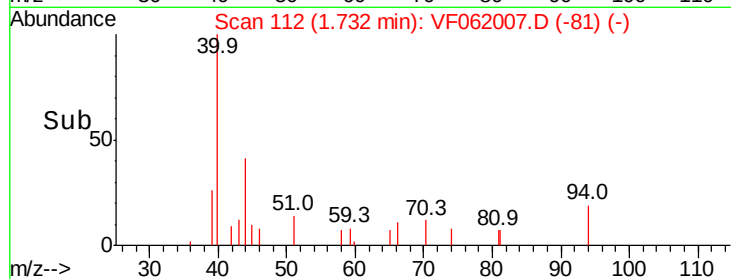
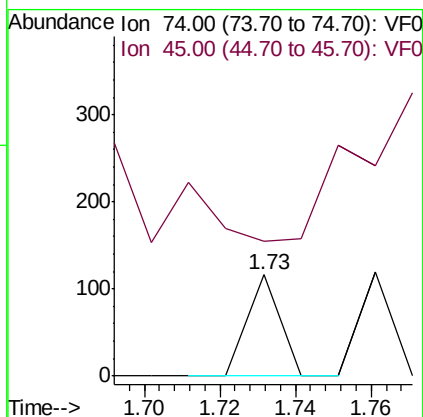
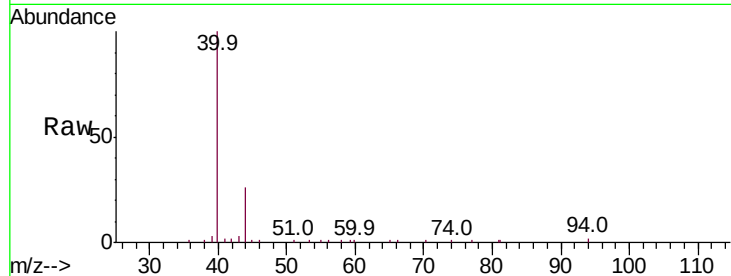
HR-05-031519-C

Tot Ion: 74 Resp: 69

Ion Ratio Lower Upper

74 100

45 133.6 56.3 168.8



#12

1,1-Dichloroethene

Concen: 2.203 ug/l

RT: 1.81 min Scan# 120

Delta R.T. 0.02 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

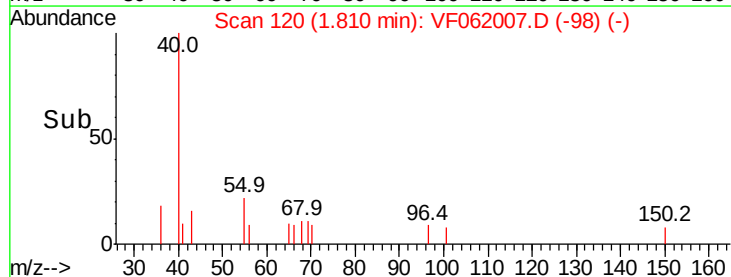
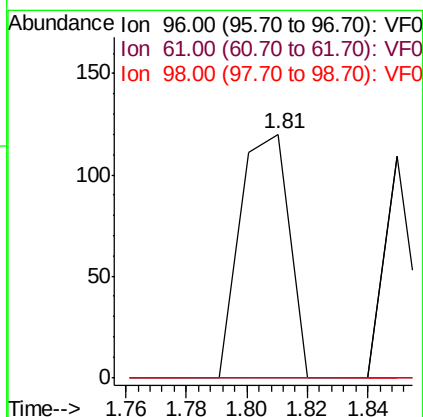
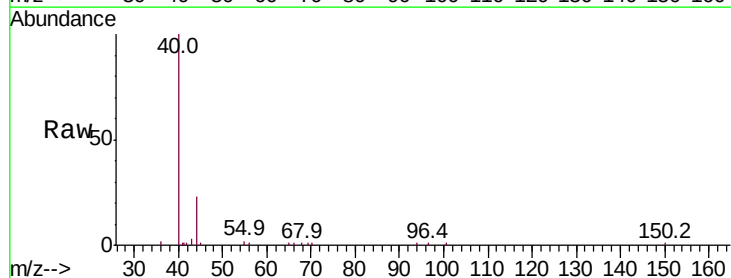
Tgt Ion: 96 Resp: 137

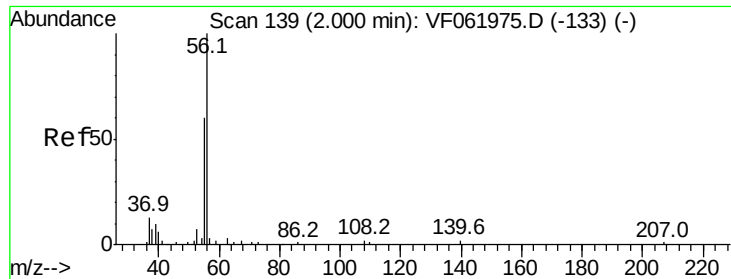
Ion Ratio Lower Upper

96 100

61 0.0 138.6 208.0#

98 0.0 53.2 79.8#





#13

Acrolein

Concen: 71.071 ug/l

RT: 2.07 min Scan# 146

Delta R.T. 0.07 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

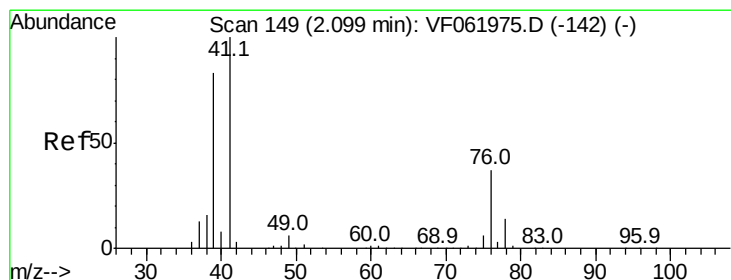
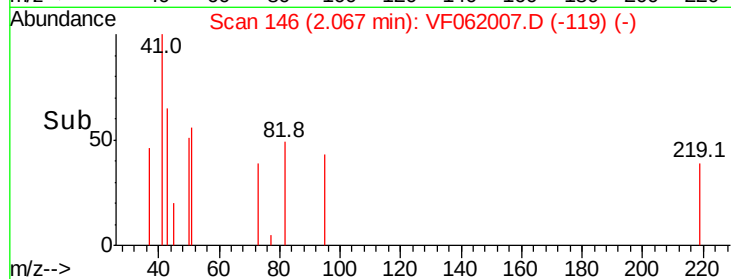
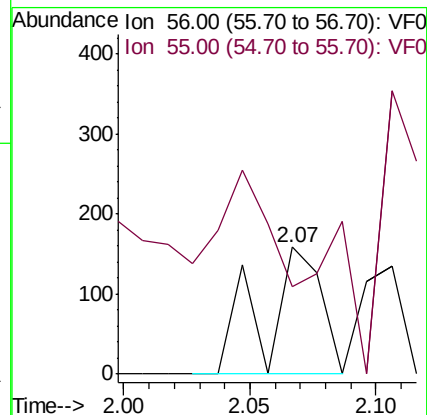
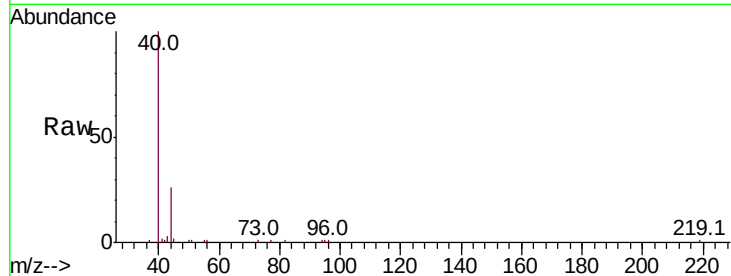
HR-05-031519-C

Tot Ion: 56 Resp: 249

Ion Ratio Lower Upper

56 100

55 69.0 49.1 73.7



#14

Allyl chloride

Concen: 10.380 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.04 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

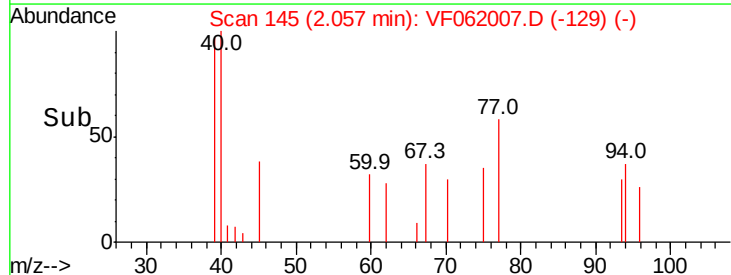
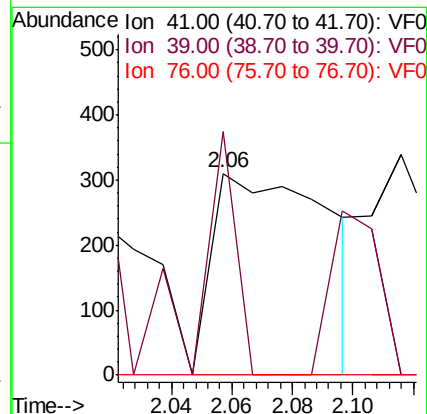
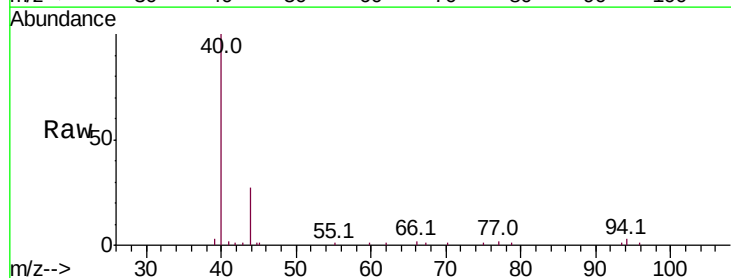
Tgt Ion: 41 Resp: 824

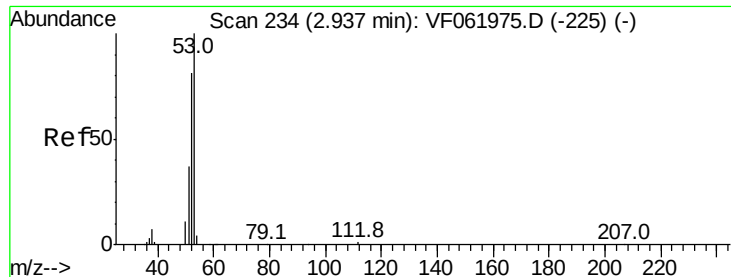
Ion Ratio Lower Upper

41 100

39 120.6 66.8 100.2#

76 0.0 31.1 46.7#





#15

Acrylonitrile

Concen: 33.640 ug/l

RT: 2.94 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

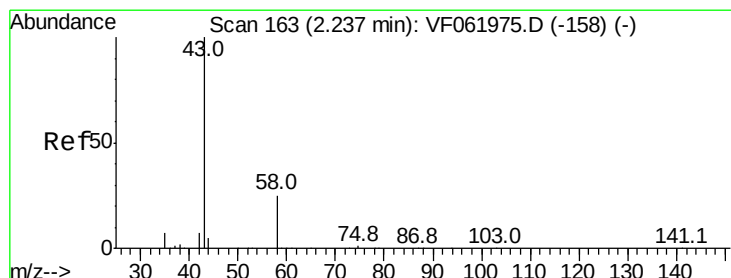
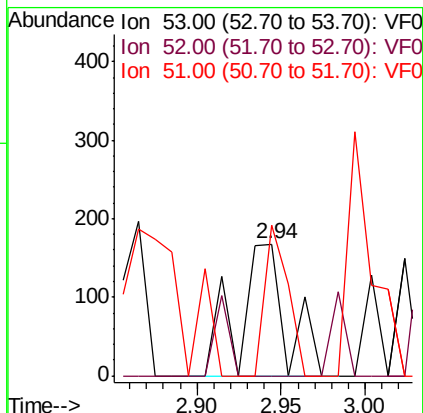
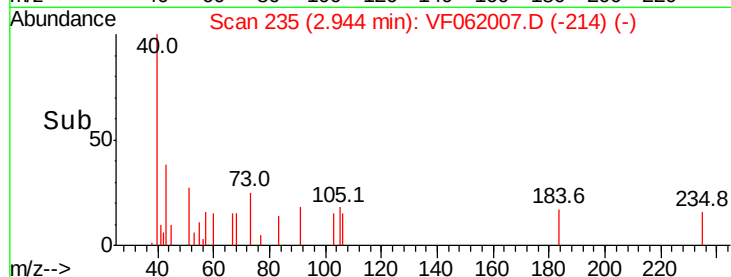
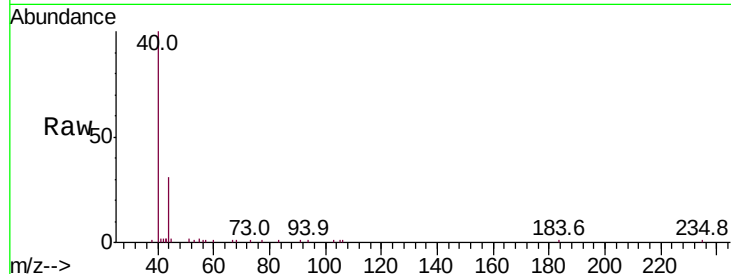
Tot Ion: 53 Resp: 332

Ion Ratio Lower Upper

53 100

52 0.0 64.4 96.6#

51 114.3 30.3 45.5#



#16

Acetone

Concen: 97.146 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.06 min

Lab File: VF062007.D

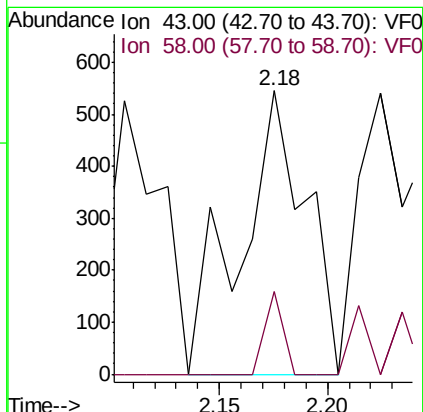
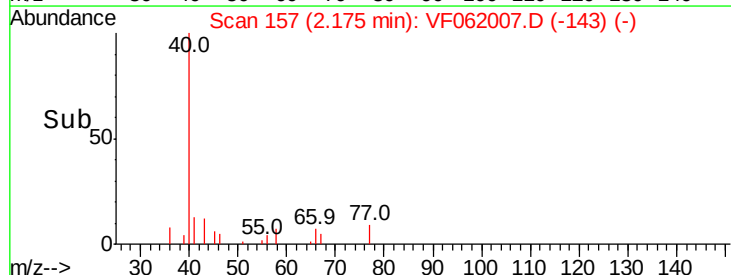
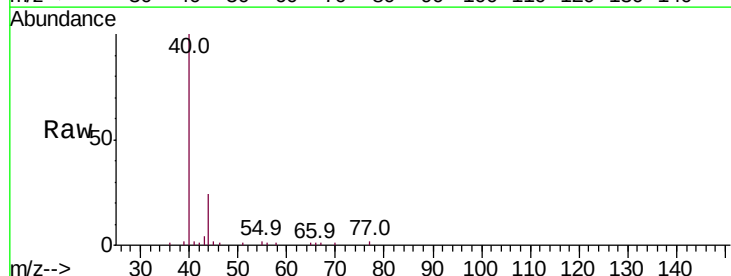
Acq: 18 Mar 2019 19:52

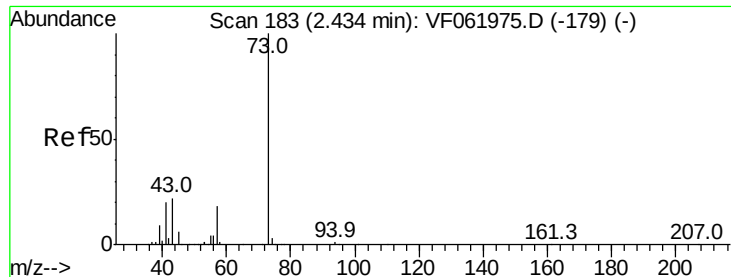
Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

58 29.2 19.9 29.9

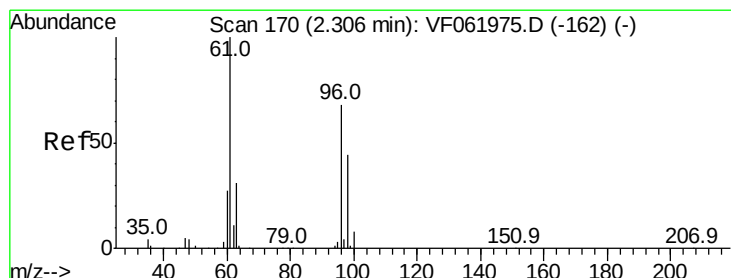
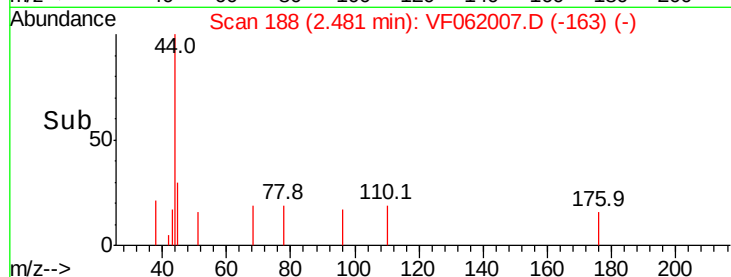
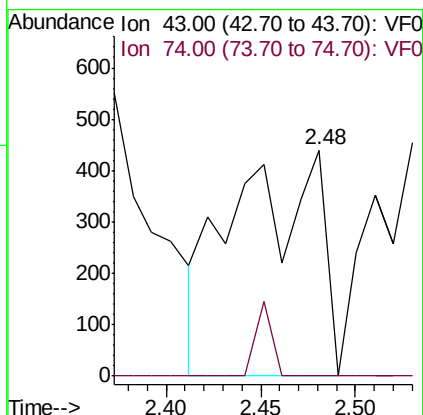
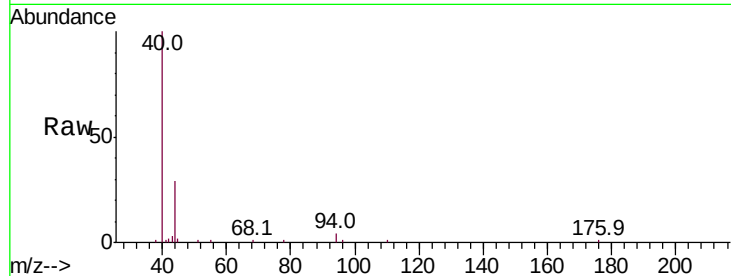




#18
Methyl Acetate
Concen: 57.294 ug/l
RT: 2.48 min Scan# 188
Delta R.T. 0.05 min
Lab File: VF062007.D
Acq: 18 Mar 2019 19:52

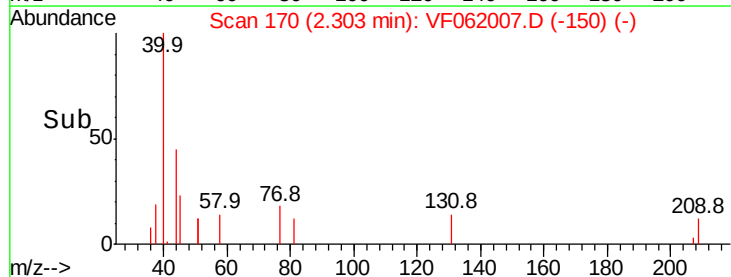
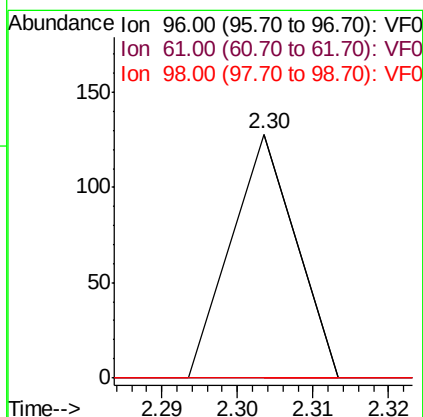
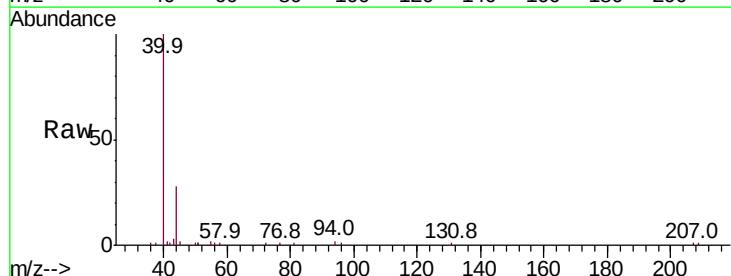
Instrument :
MSVOA_F
ClientSampleId :
HR-05-031519-C

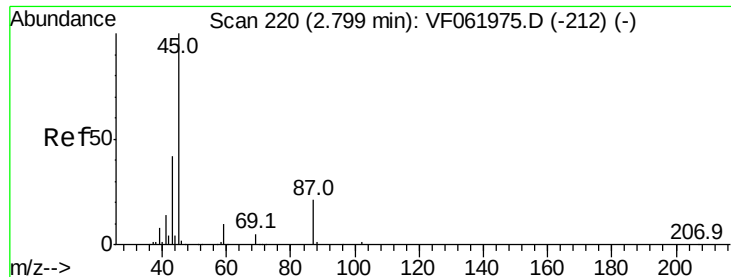
Tot Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
74 0.0 12.6 18.8#



#21
trans-1,2-Dichloroethene
Concen: 1.171 ug/l
RT: 2.30 min Scan# 170
Delta R.T. -0.00 min
Lab File: VF062007.D
Acq: 18 Mar 2019 19:52

Tgt Ion: 96 Resp: 76
Ion Ratio Lower Upper
96 100
61 0.0 117.4 176.2#
98 0.0 51.2 76.8#





#22

Diisopropyl ether

Concen: 6.955 ug/l

RT: 2.78 min Scan# 218

Delta R.T. -0.02 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

Tot Ion: 45 Resp: 1328

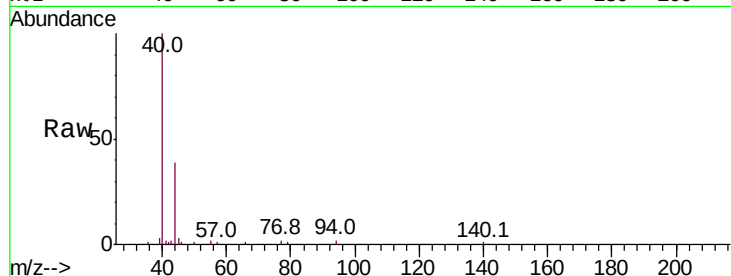
Ion Ratio Lower Upper

45 100

43 80.0 33.7 50.5#

87 0.0 17.1 25.7#

59 0.0 8.0 12.0#

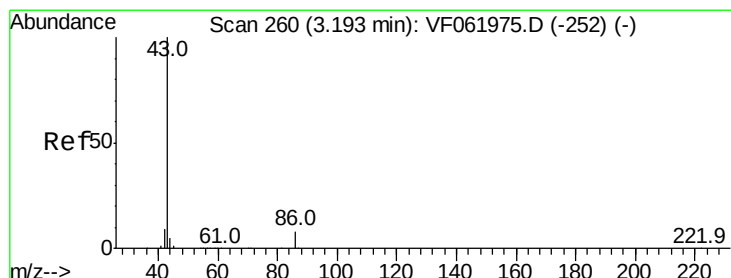
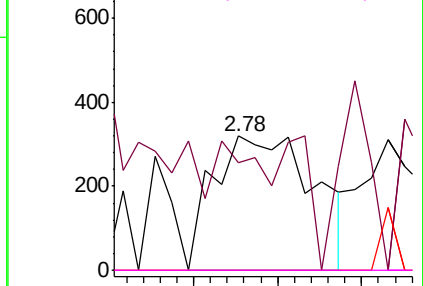
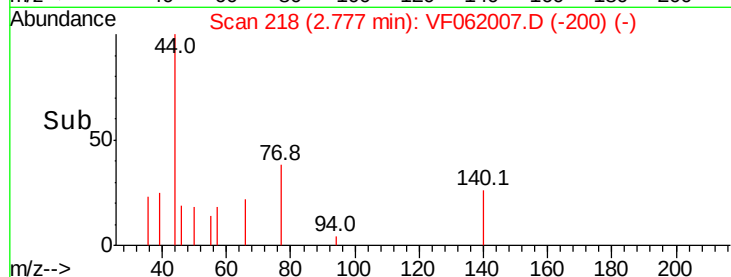


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 8.888 ug/l

RT: 3.17 min Scan# 258

Delta R.T. -0.02 min

Lab File: VF062007.D

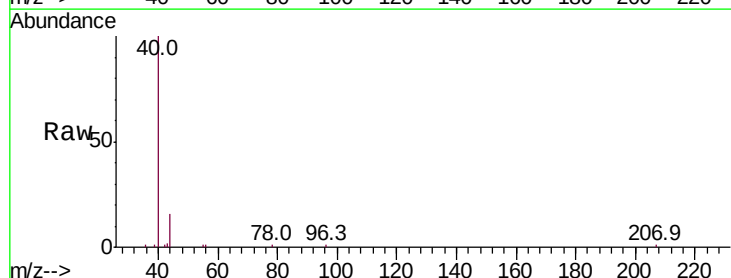
Acq: 18 Mar 2019 19:52

Tgt Ion: 43 Resp: 669

Ion Ratio Lower Upper

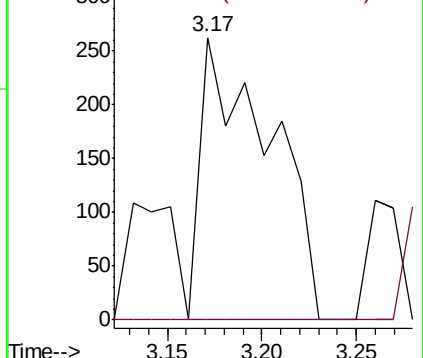
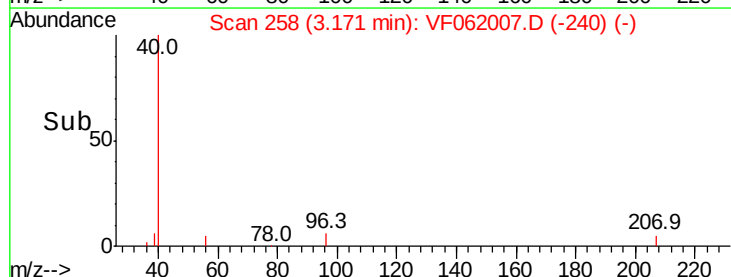
43 100

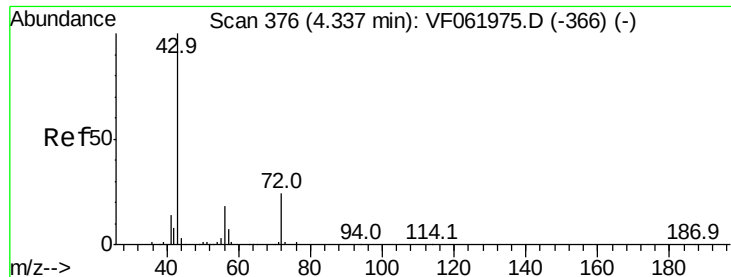
86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 5.511 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.02 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

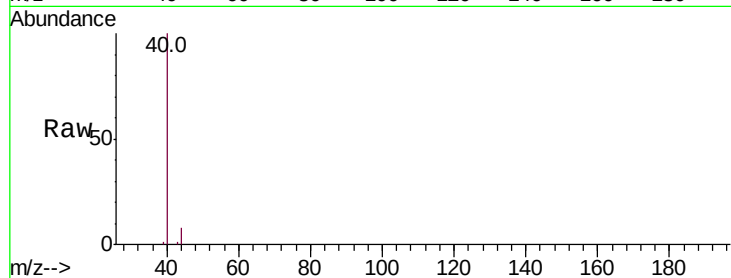
HR-05-031519-C

Tot Ion: 43 Resp: 130

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.32

100

80

60

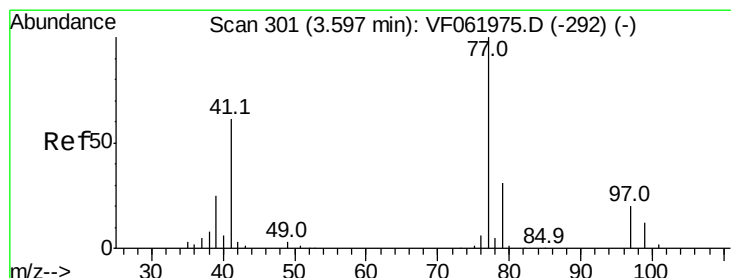
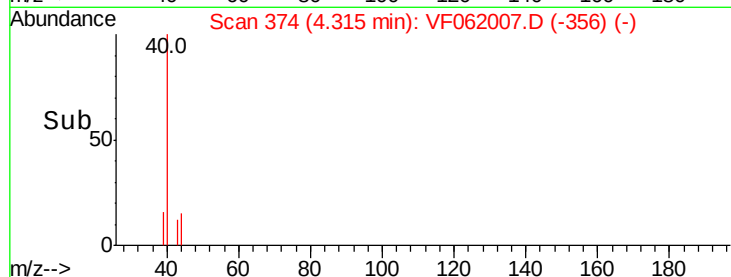
40

20

0

4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 5.156 ug/l

RT: 3.69 min Scan# 311

Delta R.T. 0.10 min

Lab File: VF062007.D

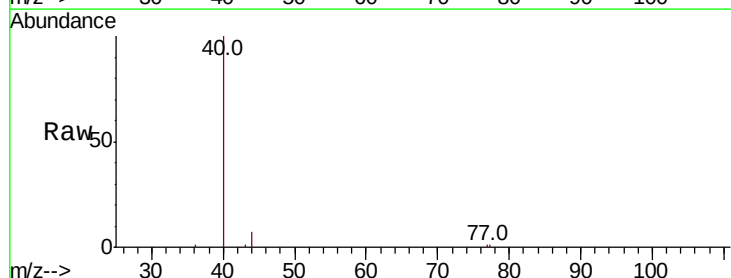
Acq: 18 Mar 2019 19:52

Tgt Ion: 77 Resp: 270

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.69

250

200

150

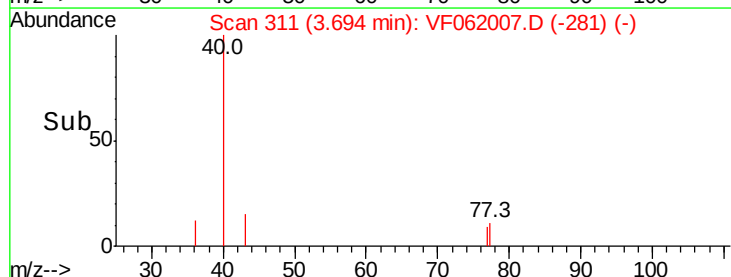
100

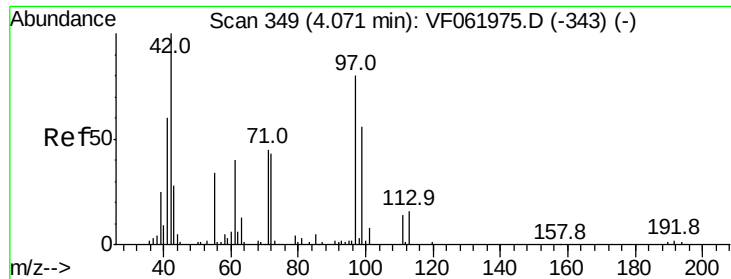
50

0

3.65 3.70

Time-->





#29

Tetrahydrofuran

Concen: 5.849 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.05 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

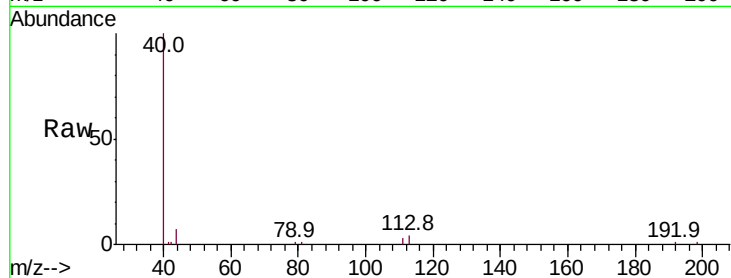
Tot Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

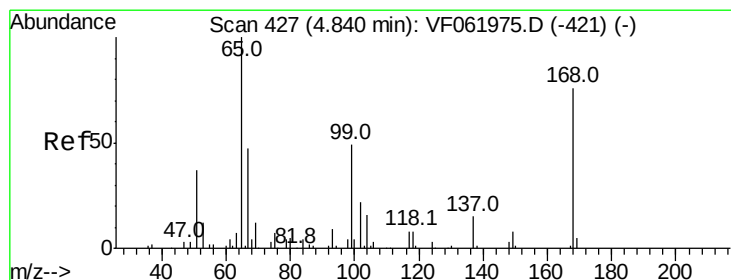
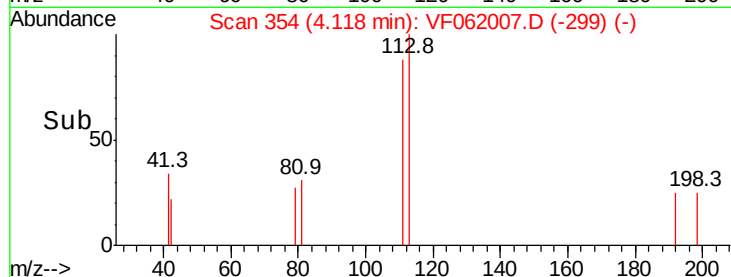
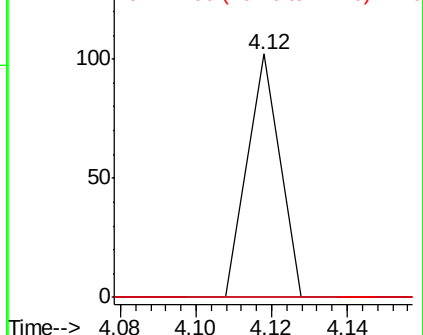
71 0.0 34.2 51.4#



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: 24.266 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF062007.D

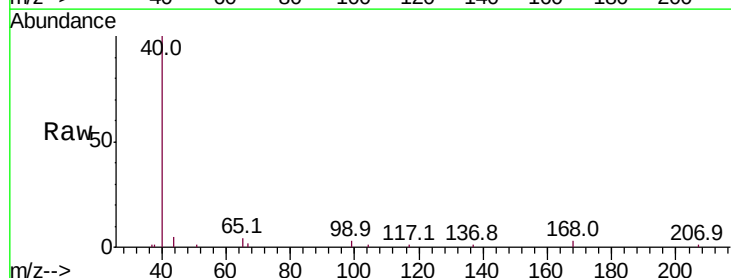
Acq: 18 Mar 2019 19:52

Tgt Ion: 65 Resp: 1287

Ion Ratio Lower Upper

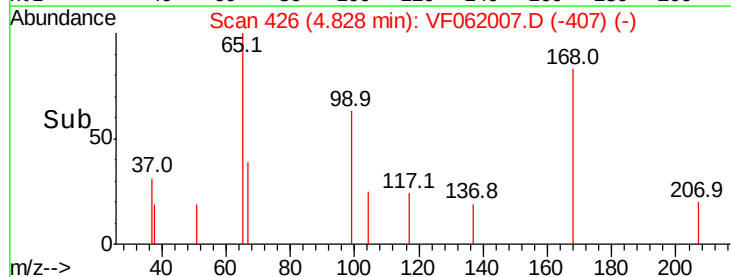
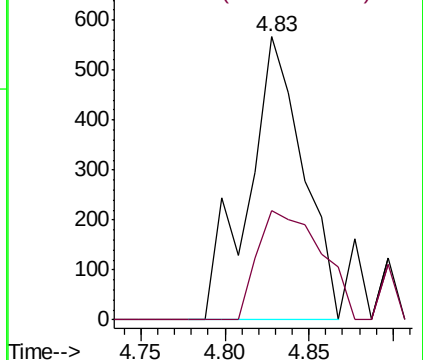
65 100

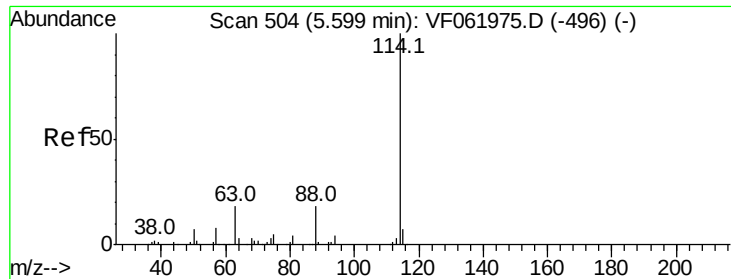
67 38.6 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

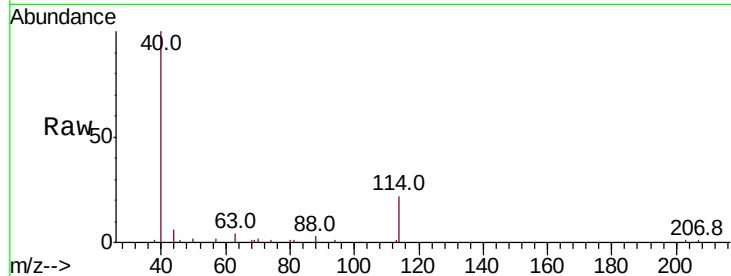
Tot Ion:114 Resp: 8511

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

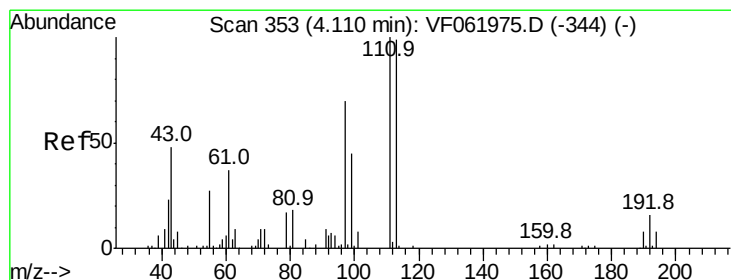
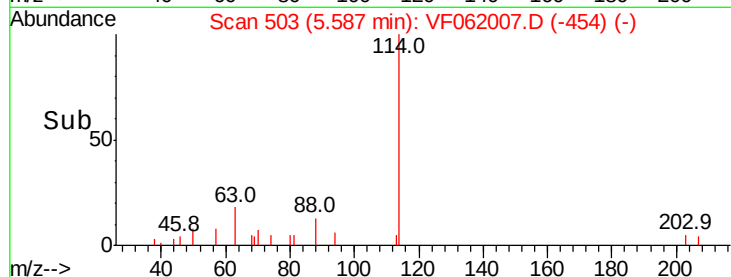
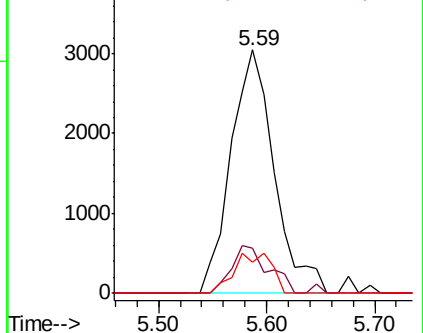
88 13.0 0.0 36.4



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: 41.975 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

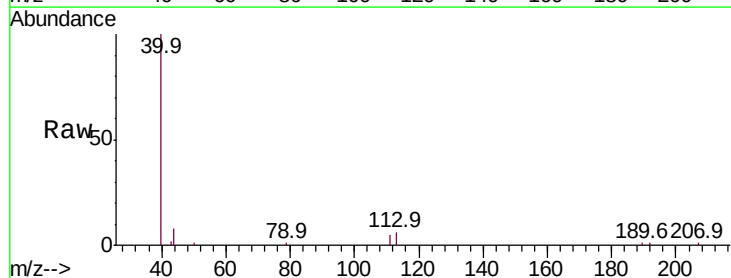
Tgt Ion:113 Resp: 2399

Ion Ratio Lower Upper

113 100

111 81.1 80.8 121.2

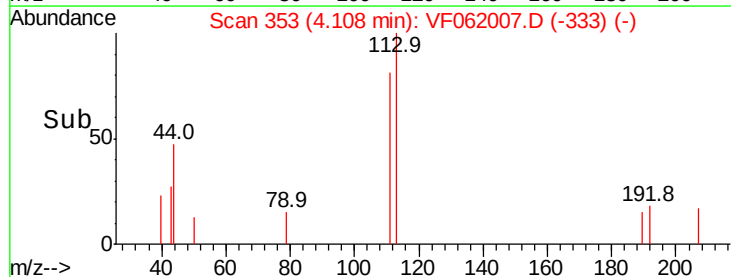
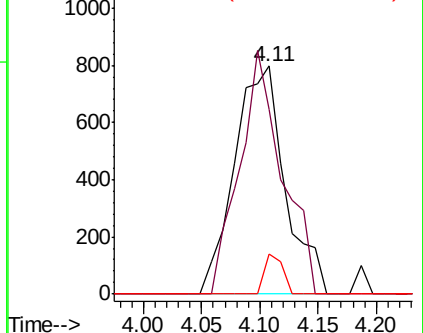
192 17.6 13.0 19.6

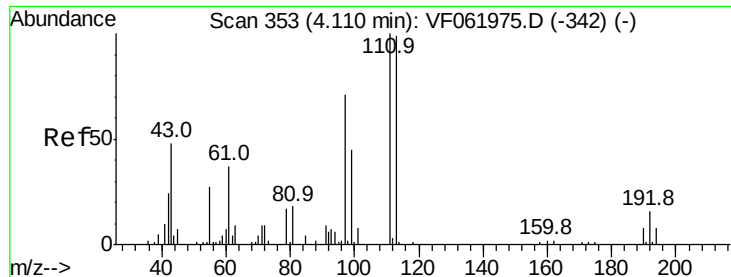


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 8.287 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

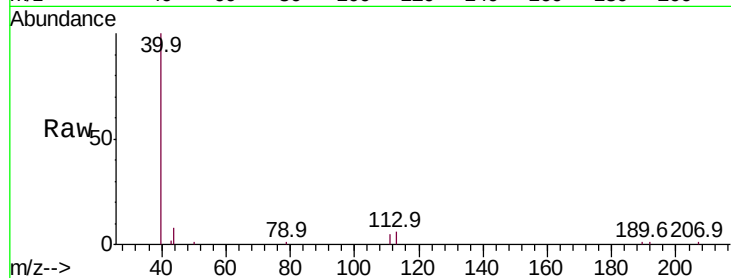
Tot Ion: 43 Resp: 286

Ion Ratio Lower Upper

43 100

61 0.0 59.8 89.6#

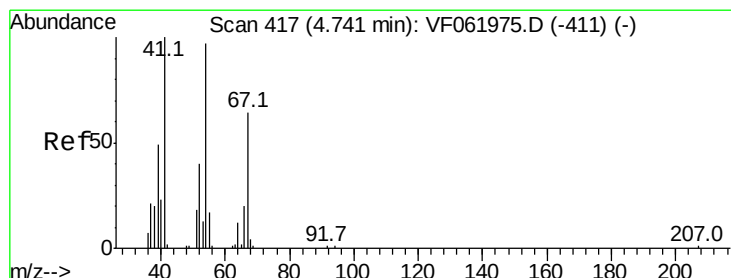
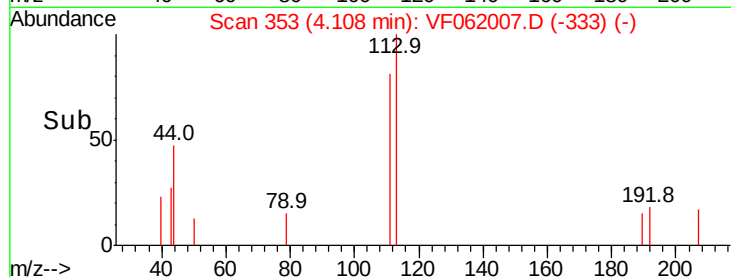
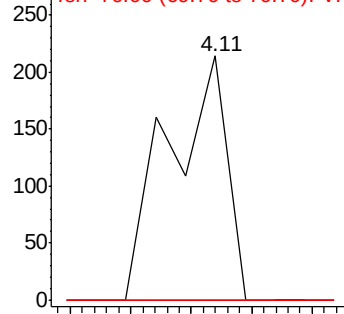
70 0.0 7.8 11.8#



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



#41

Methacrylonitrile

Concen: 3.363 ug/l

RT: 4.75 min Scan# 418

Delta R.T. 0.01 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Tgt Ion: 41 Resp: 62

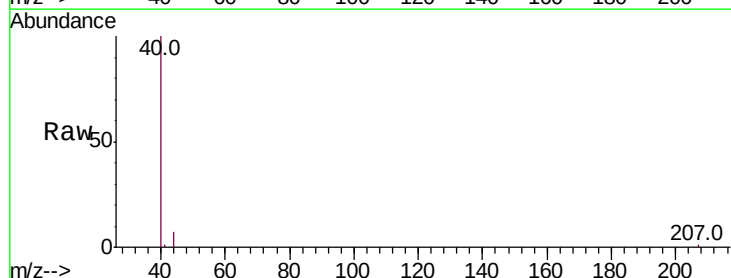
Ion Ratio Lower Upper

41 100

39 0.0 46.2 69.4#

67 0.0 49.8 74.8#

52 0.0 42.7 64.1#

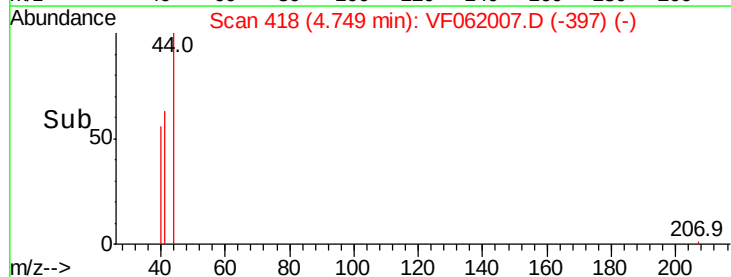
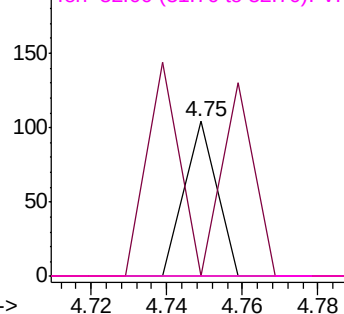


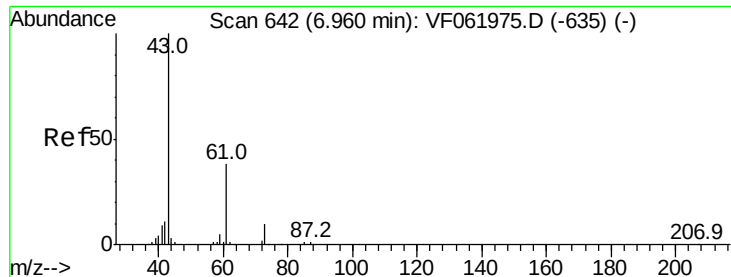
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#43

Isopropyl Acetate

Concen: 1.739 ug/l

RT: 6.91 min Scan# 637

Delta R.T. -0.05 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

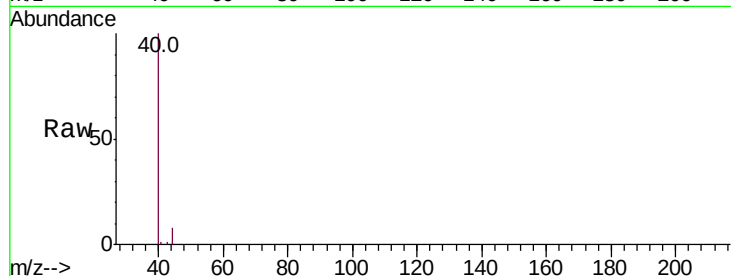
Tot Ion: 43 Resp: 71

Ion Ratio Lower Upper

43 100

61 0.0 30.1 45.1#

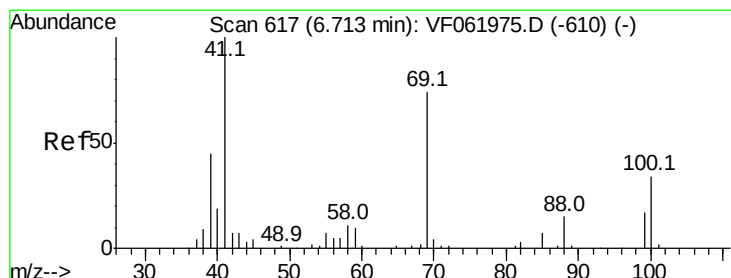
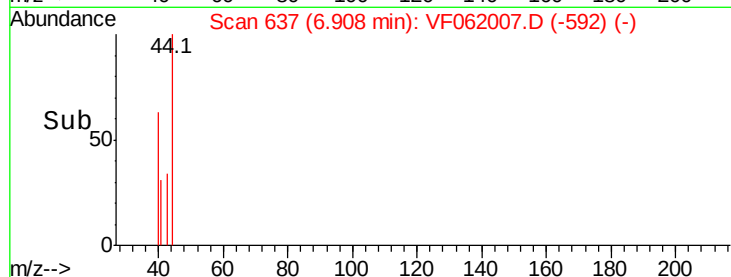
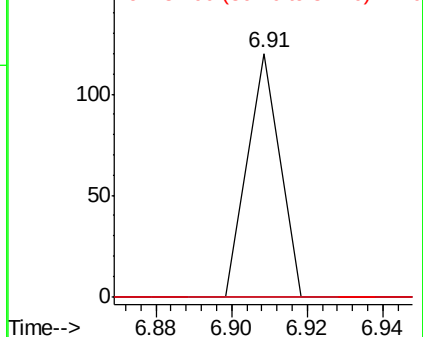
87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#48

Methyl methacrylate

Concen: 2.615 ug/l

RT: 6.80 min Scan# 626

Delta R.T. 0.09 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

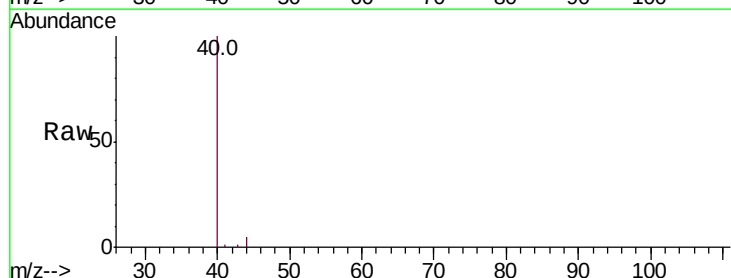
Tgt Ion: 41 Resp: 69

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.6#

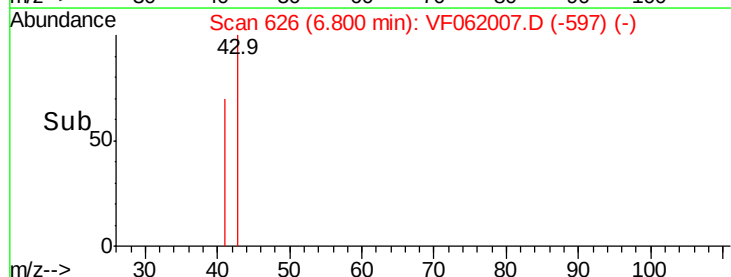
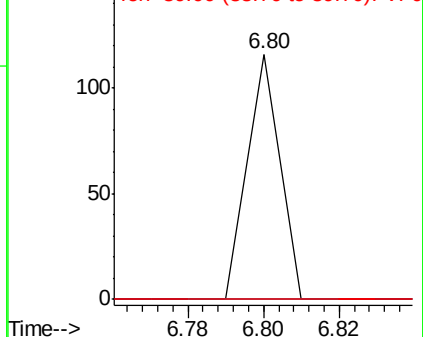
39 0.0 35.6 53.4#

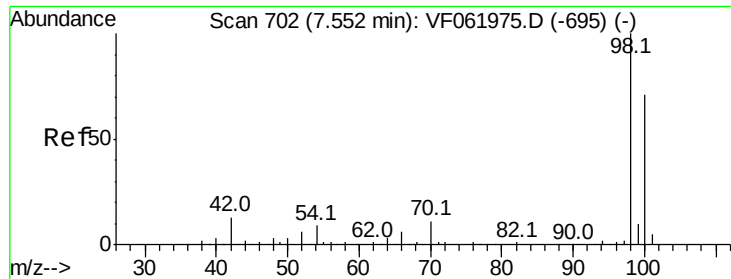


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

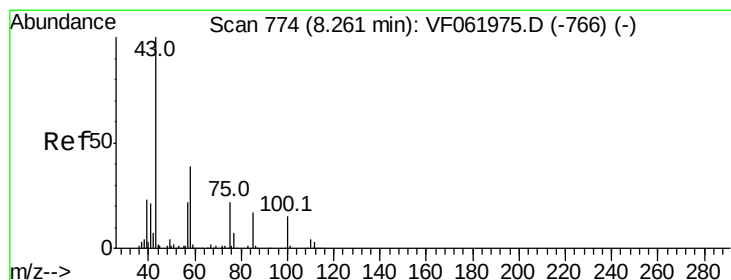
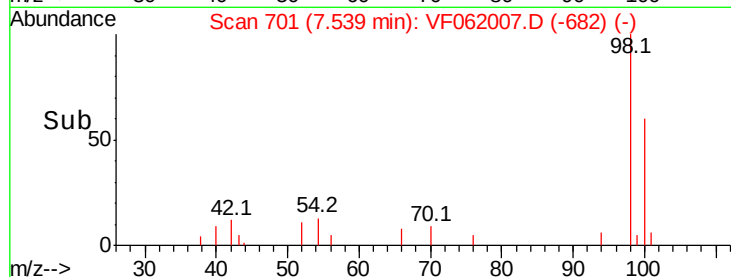
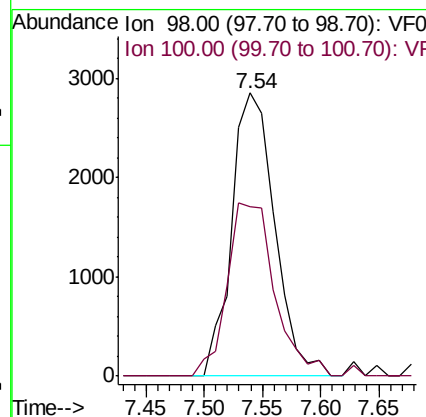
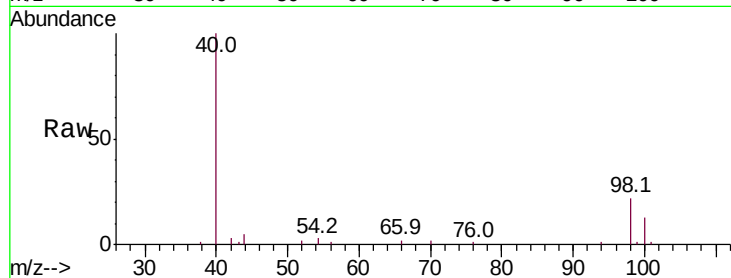




#50
Toluene-d8
Concen: 43.795 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062007.D
Acq: 18 Mar 2019 19:52

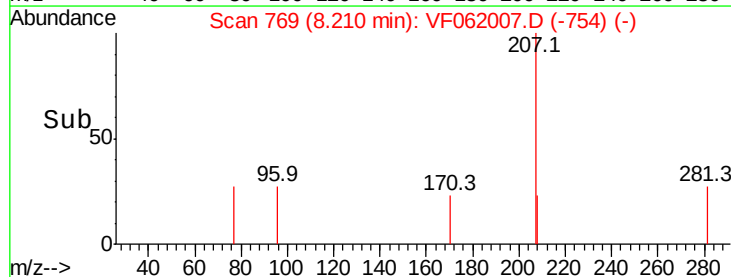
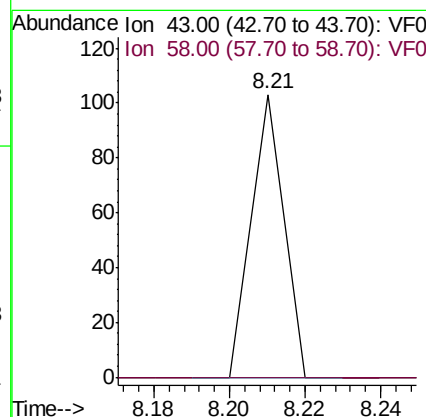
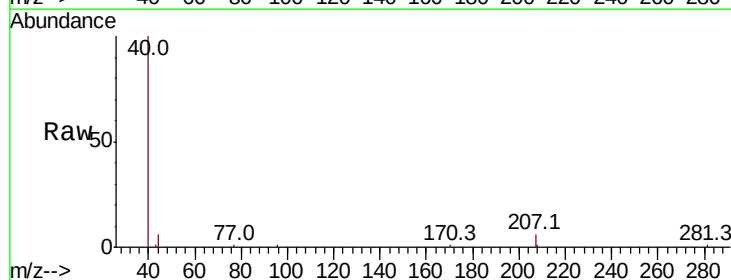
Instrument :
MSVOA_F
ClientSampleId :
HR-05-031519-C

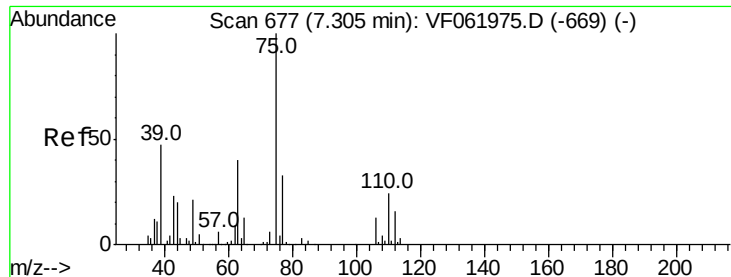
Tot Ion: 98 Resp: 7317
Ion Ratio Lower Upper
98 100
100 60.0 56.8 85.2



#51
4-Methyl-2-Pentanone
Concen: 2.104 ug/l
RT: 8.21 min Scan# 769
Delta R.T. -0.05 min
Lab File: VF062007.D
Acq: 18 Mar 2019 19:52

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 31.1 46.7#





#54

cis-1,3-Dichloropropene

Concen: 1.088 ug/l

RT: 7.13 min Scan# 659

Delta R.T. -0.18 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

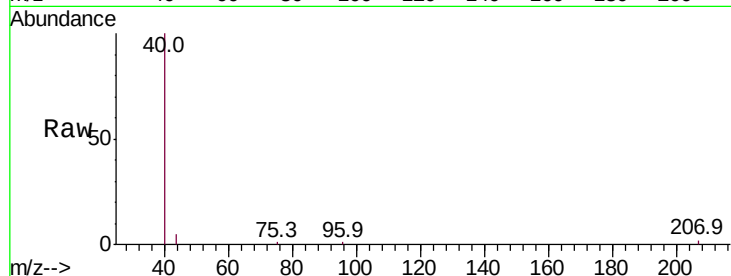
Tot Ion: 75 Resp: 81

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

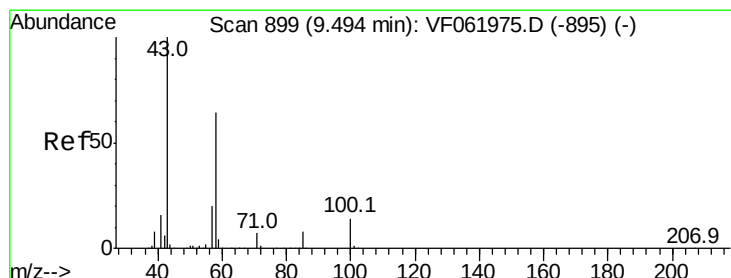
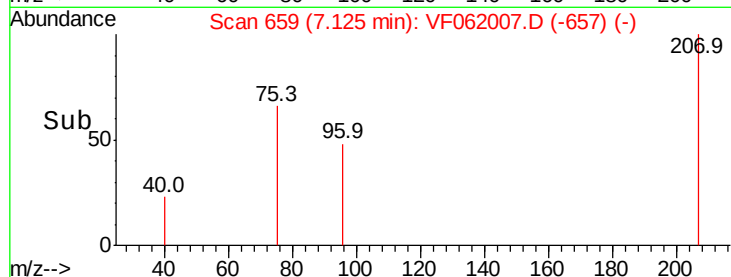
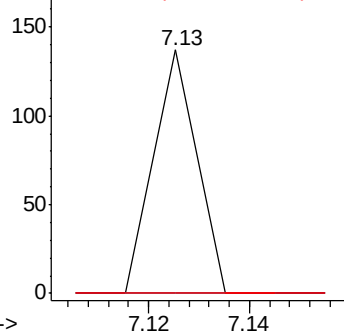
39 0.0 38.0 57.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#59

2-Hexanone

Concen: 8.864 ug/l

RT: 9.41 min Scan# 891

Delta R.T. -0.08 min

Lab File: VF062007.D

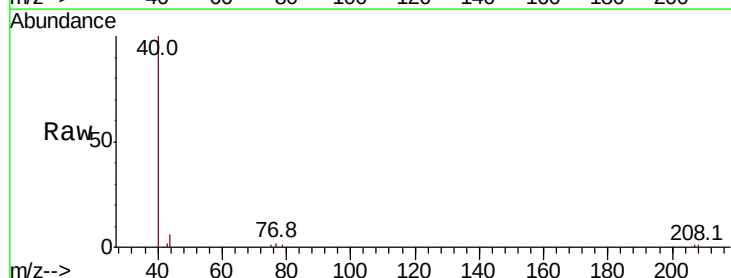
Acq: 18 Mar 2019 19:52

Tgt Ion: 43 Resp: 186

Ion Ratio Lower Upper

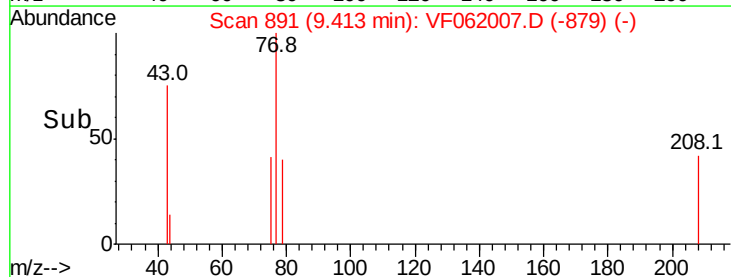
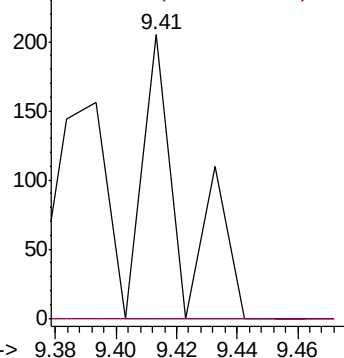
43 100

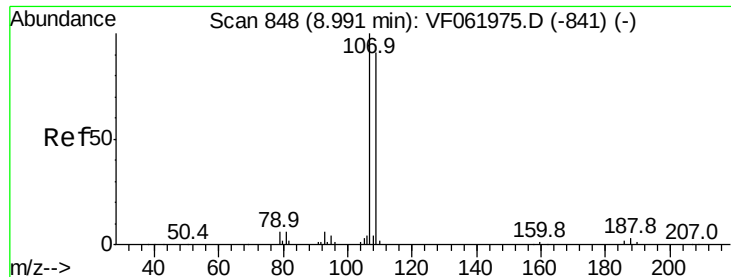
58 0.0 28.4 85.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#61

1,2-Dibromoethane

Concen: 1.584 ug/l

RT: 8.80 min Scan# 829

Delta R.T. -0.19 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

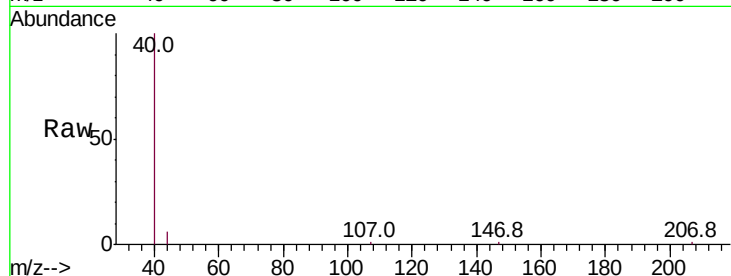
HR-05-031519-C

Tot Ion:107 Resp: 59

Ion Ratio Lower Upper

107 100

109 0.0 72.8 109.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.80

100

80

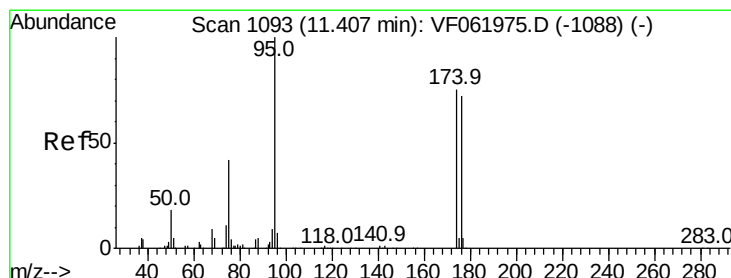
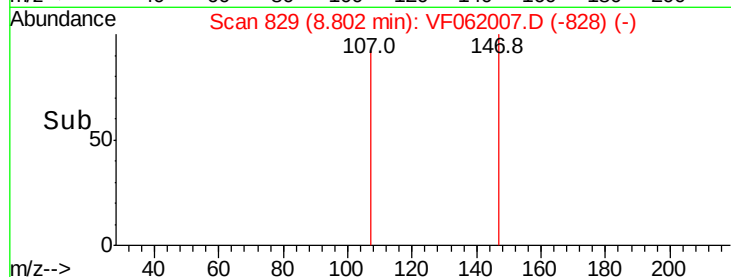
60

40

20

0

Time--> 8.78 8.80 8.82



#62

4-Bromofluorobenzene

Concen: 29.440 ug/l

RT: 11.40 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

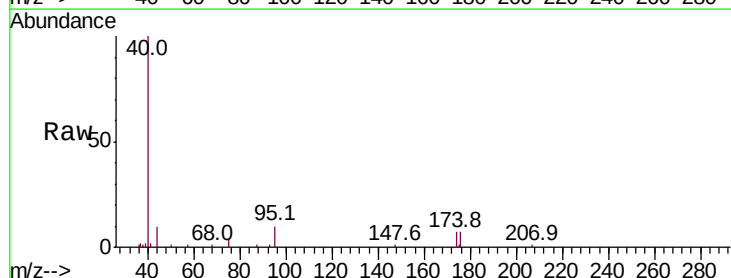
Tgt Ion: 95 Resp: 1954

Ion Ratio Lower Upper

95 100

174 70.9 0.0 149.4

176 66.1 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

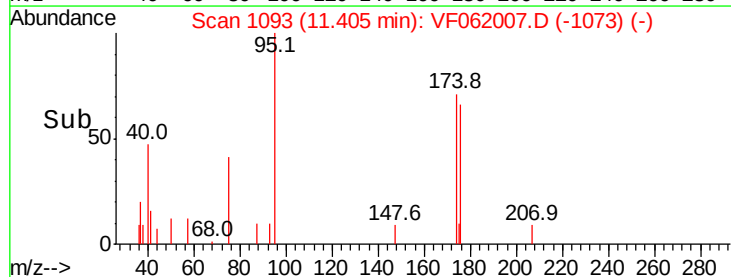
1500

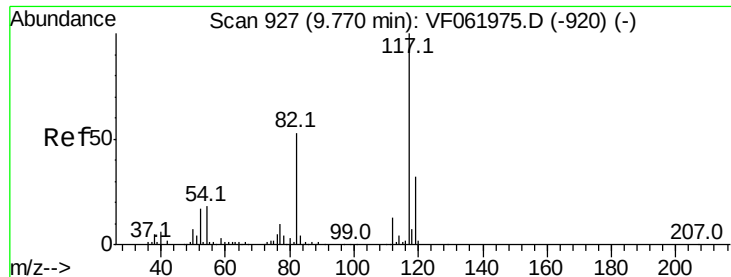
1000

500

0

Time--> 11.35 11.40 11.45

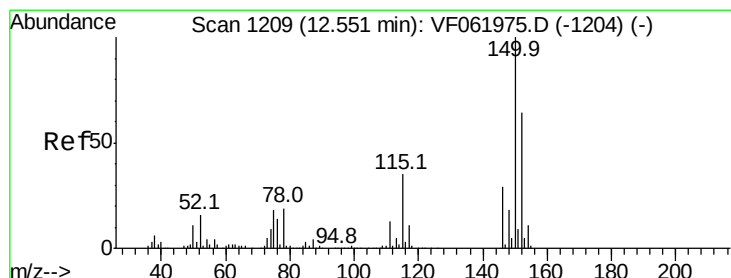
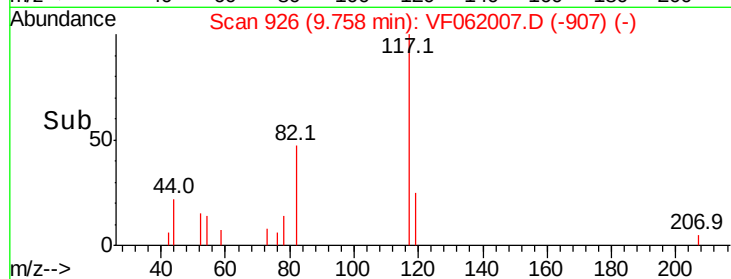
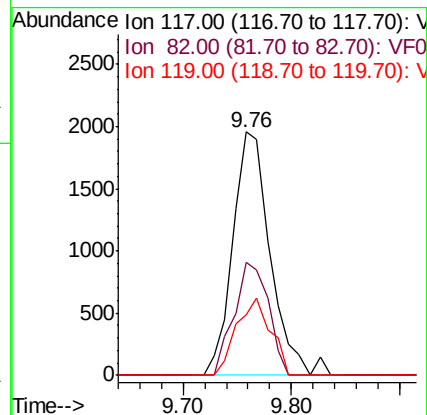
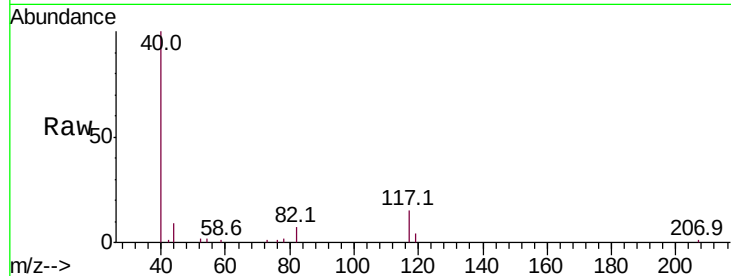




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062007.D
Acq: 18 Mar 2019 19:52

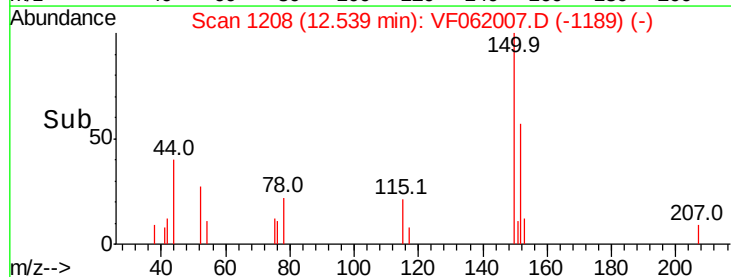
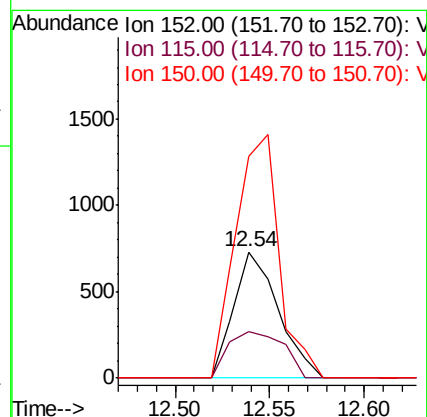
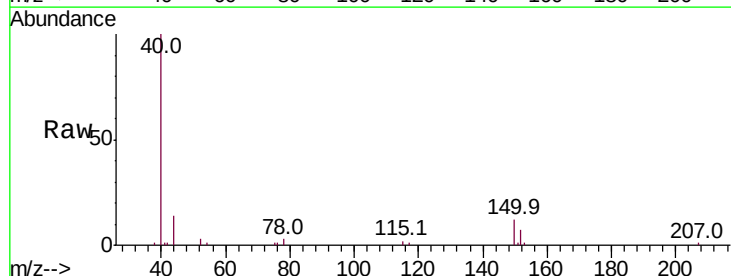
Instrument :
MSVOA_F
ClientSampleId :
HR-05-031519-C

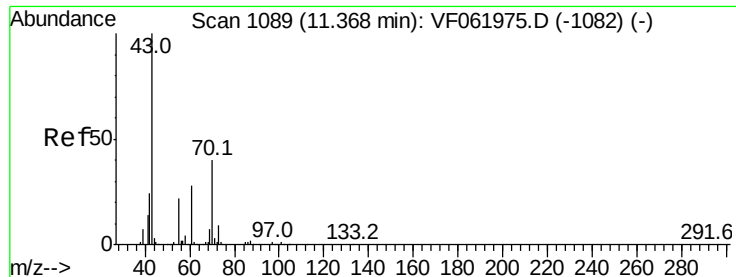
Tot Ion:117 Resp: 4727
Ion Ratio Lower Upper
117 100
82 46.7 42.5 63.7
119 24.8 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062007.D
Acq: 18 Mar 2019 19:52

Tgt Ion:152 Resp: 1194
Ion Ratio Lower Upper
152 100
115 36.6 27.3 81.9
150 176.3 0.0 316.2





#74

N-amyl acetate

Concen: 11.322 ug/l

RT: 11.45 min Scan# 1098

Delta R.T. 0.09 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

HR-05-031519-C

Tot Ion: 43 Resp: 214

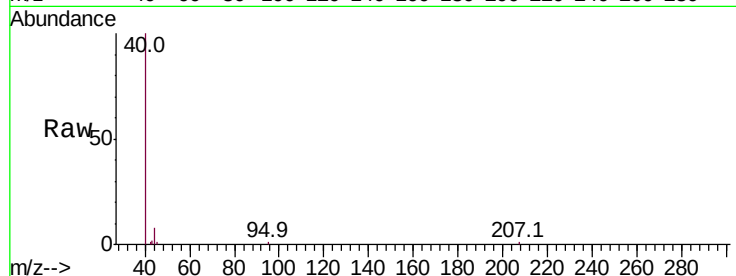
Ion Ratio Lower Upper

43 100

70 0.0 31.9 47.9#

55 0.0 17.9 26.9#

61 0.0 22.2 33.2#

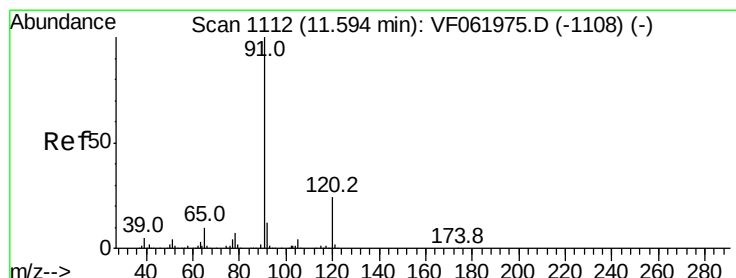
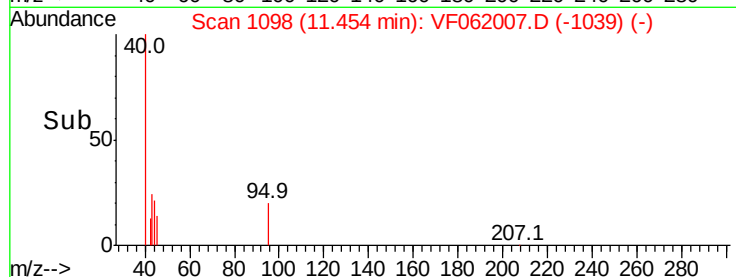
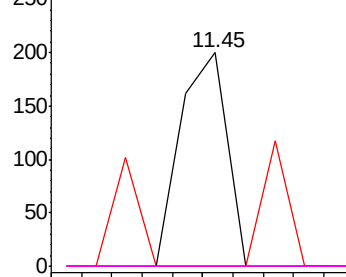


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#78

n-propylbenzene

Concen: 2.889 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062007.D

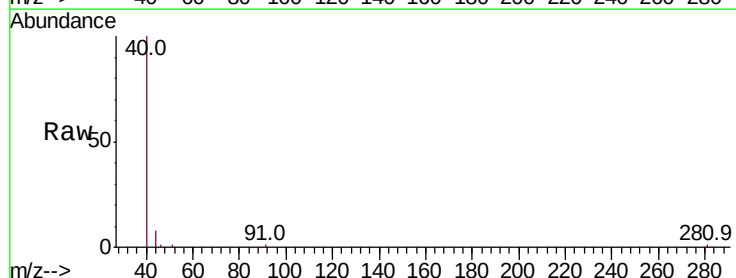
Acq: 18 Mar 2019 19:52

Tgt Ion: 91 Resp: 274

Ion Ratio Lower Upper

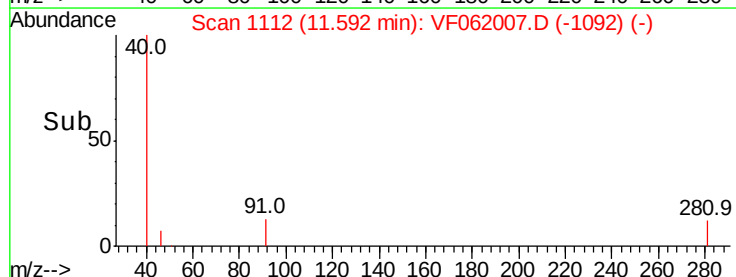
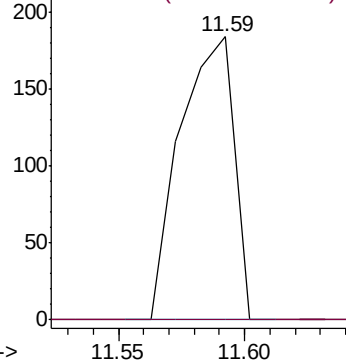
91 100

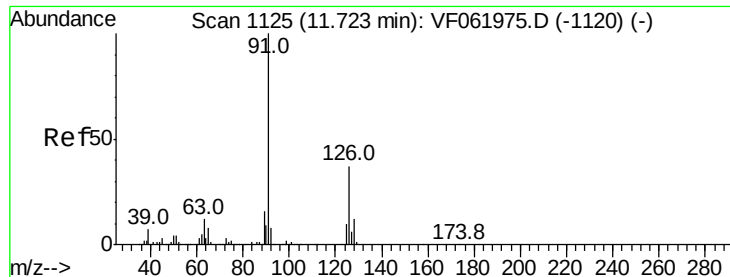
120 0.0 11.8 35.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.118 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. -0.13 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

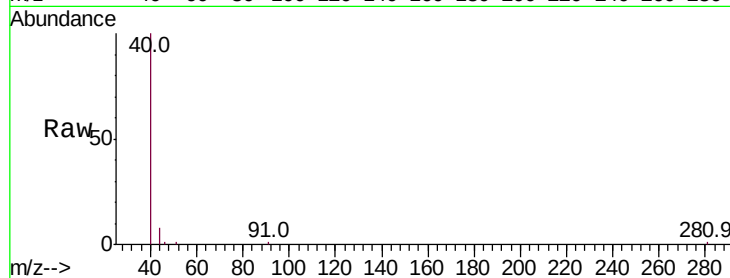
HR-05-031519-C

Tot Ion: 91 Resp: 274

Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

11.59

200

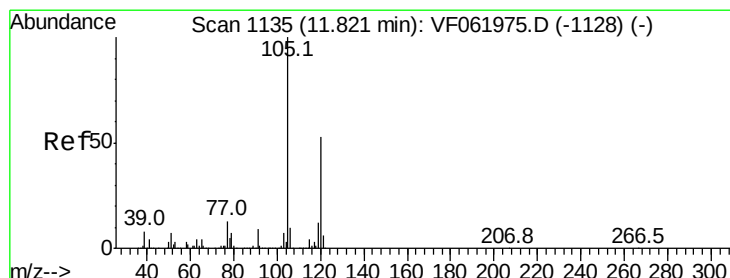
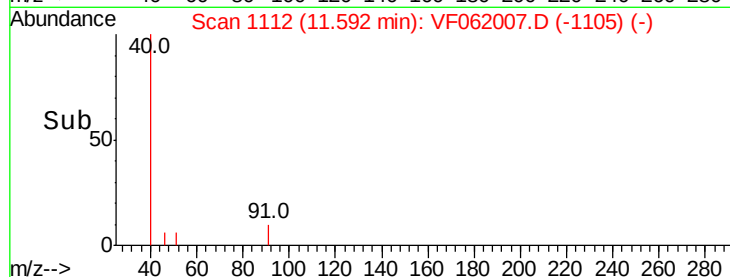
150

100

50

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 6.453 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF062007.D

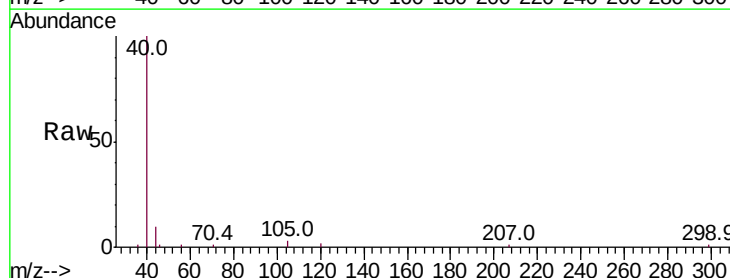
Acq: 18 Mar 2019 19:52

Tgt Ion:105 Resp: 430

Ion Ratio Lower Upper

105 100

120 57.0 26.6 79.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

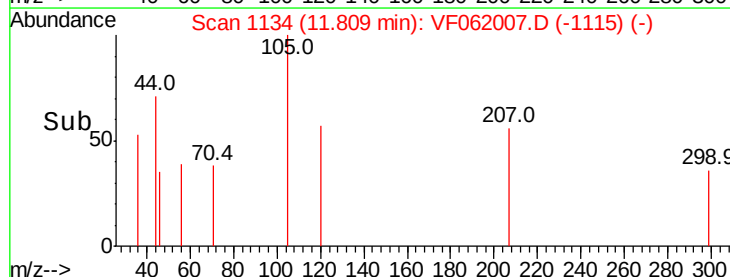
300

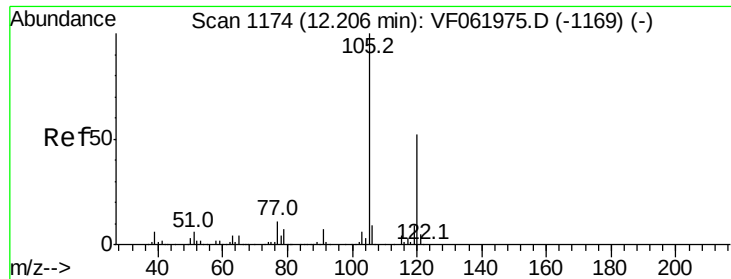
200

100

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 5.379 ug/l

RT: 12.18 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VF062007.D

Acq: 18 Mar 2019 19:52

Instrument :

MSVOA_F

ClientSampleId :

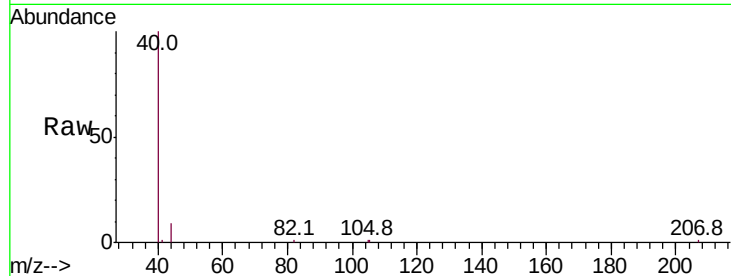
HR-05-031519-C

Tot Ion:105 Resp: 359

Ion Ratio Lower Upper

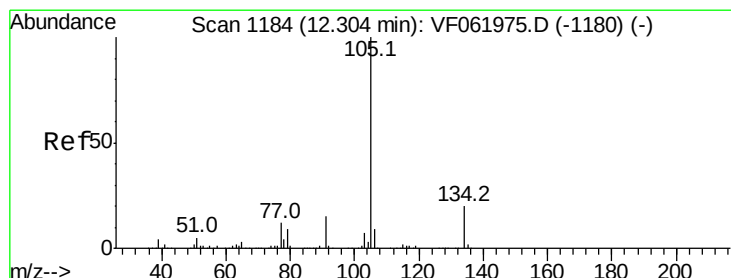
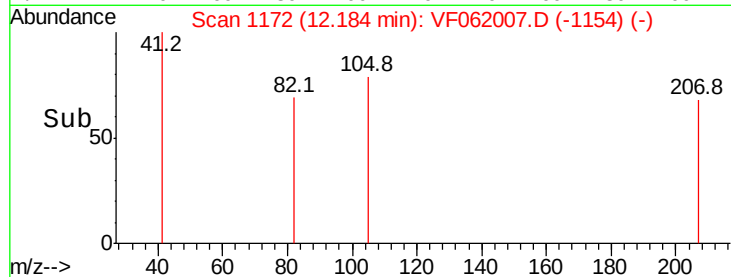
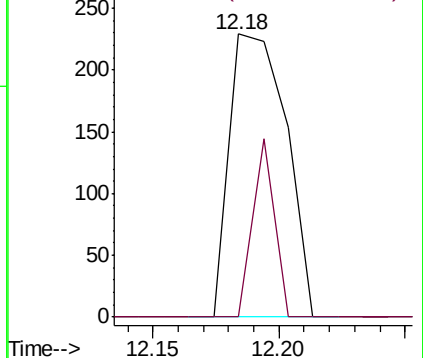
105 100

120 0.0 25.9 77.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.813 ug/l

RT: 12.18 min Scan# 1172

Delta R.T. -0.12 min

Lab File: VF062007.D

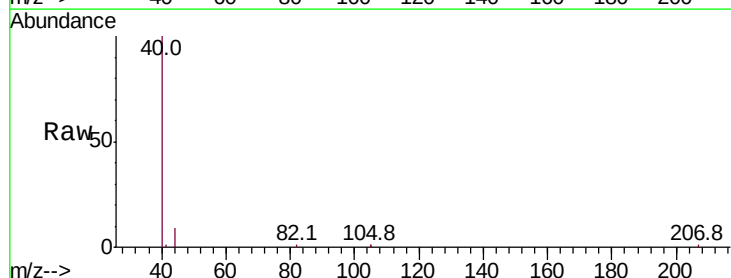
Acq: 18 Mar 2019 19:52

Tgt Ion:105 Resp: 359

Ion Ratio Lower Upper

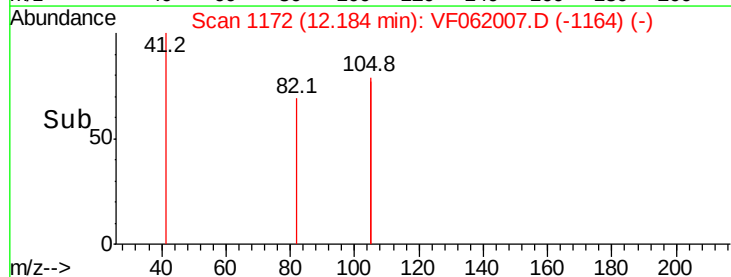
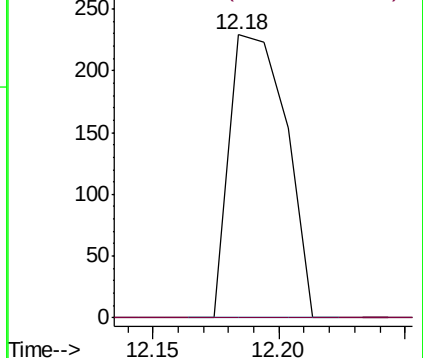
105 100

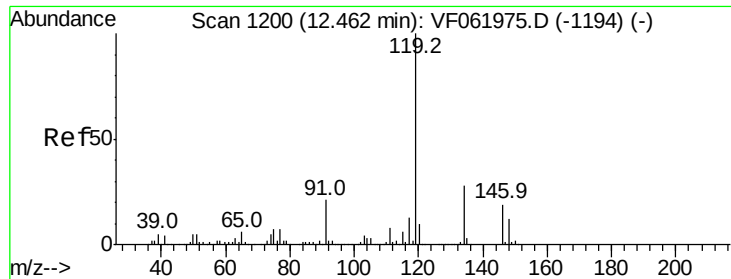
134 0.0 10.0 29.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86
 p-Isopropyltoluene
 Concen: 3.322 ug/l
 RT: 12.42 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: VF062007.D
 Acq: 18 Mar 2019 19:52

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-031519-C

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.9	41.7#
91	72.6	10.4	31.1#

