

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF061998.D
 Acq On : 18 Mar 2019 15:34
 Operator : VA/AP
 Sample : K1933-05RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-5RE

Quant Time: Mar 19 01:22:34 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	6401	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	7227	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	4403	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	841	18.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	36.50%	
35) Dibromofluoromethane	4.09	113	1886	38.86	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	77.72%	
50) Toluene-d8	7.54	98	7835	55.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	11.41	95	1415	25.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	69	1.011	ug/l #	44
3) Chloromethane	1.20	50	75	1.082	ug/l #	46
5) Bromomethane	1.33	94	270	5.731	ug/l #	3
8) Diethyl Ether	1.53	74	68	3.443	ug/l	83
12) 1,1-Dichloroethene	1.73	96	67	1.240	ug/l #	1
13) Acrolein	1.89	56	297	97.578	ug/l	98
14) Allyl chloride	2.10	41	644	9.339	ug/l #	17
15) Acrylonitrile	2.93	53	304	35.456	ug/l #	23
16) Acetone	2.16	43	1292	124.870	ug/l	96
18) Methyl Acetate	2.43	43	257	12.141	ug/l #	63
19) Methyl tert-butyl Ether	2.45	73	101	1.032	ug/l #	58
20) Methylene Chloride	2.18	84	395	7.415	ug/l #	38
21) trans-1,2-Dichloroethene	2.26	96	244	4.328	ug/l #	1
22) Diisopropyl ether	2.81	45	1071	6.457	ug/l #	81
23) Vinyl Acetate	3.14	43	128	1.957	ug/l #	77
25) 2-Butanone	4.32	43	148	7.223	ug/l #	51
26) 2,2-Dichloropropane	3.57	77	61	1.341	ug/l #	54
29) Tetrahydrofuran	4.07	42	66	7.406	ug/l #	33
37) Ethyl Acetate	4.11	43	103	3.515	ug/l #	19
41) Methacrylonitrile	4.75	41	85	5.429	ug/l #	22
43) Isopropyl Acetate	6.99	43	354	10.210	ug/l #	38
48) Methyl methacrylate	6.66	41	161	7.185	ug/l #	20
51) 4-Methyl-2-Pentanone	8.21	43	86	3.493	ug/l #	36
54) cis-1,3-Dichloropropene	7.24	75	105	1.661	ug/l #	34
56) Ethyl methacrylate	8.54	69	76	2.267	ug/l #	24
59) 2-Hexanone	9.48	43	62	3.480	ug/l #	23
74) N-amyl acetate	11.39	43	99	6.514	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.67	83	83	7.582	ug/l #	22
78) n-propylbenzene	11.63	91	79	1.036	ug/l #	52
79) 2-Chlorotoluene	11.63	91	79	1.835	ug/l #	38
86) p-Isopropyltoluene	12.46	119	65	1.029	ug/l #	51
89) n-Butylbenzene	12.85	91	68	1.146	ug/l #	27
95) Naphthalene	14.45	128	71	2.028	ug/l #	70

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Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

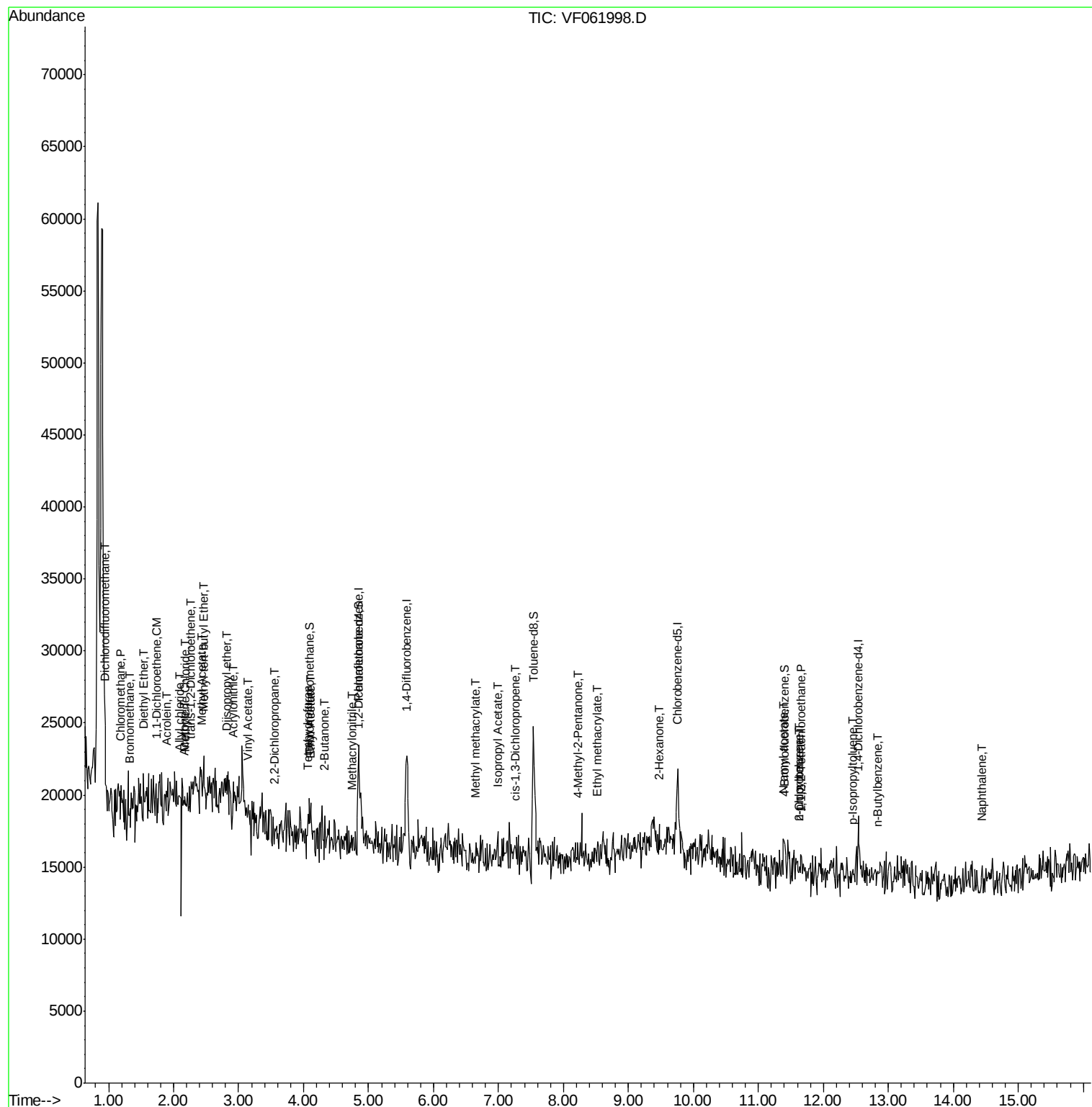
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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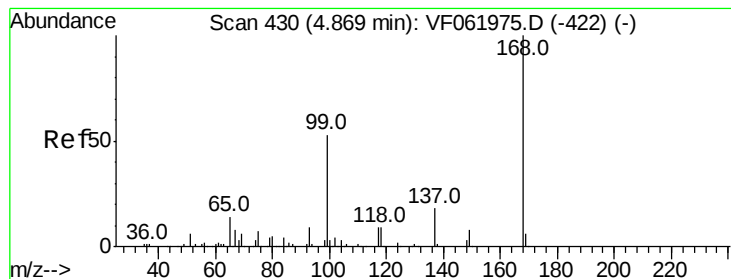
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF061998.D
Acq On : 18 Mar 2019 15:34
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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: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

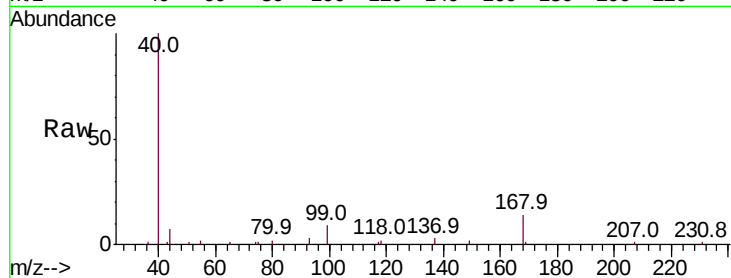
S-5RE

Tot Ion:168 Resp: 6401

Ion Ratio Lower Upper

168 100

99 58.8 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

2000

1500

1000

500

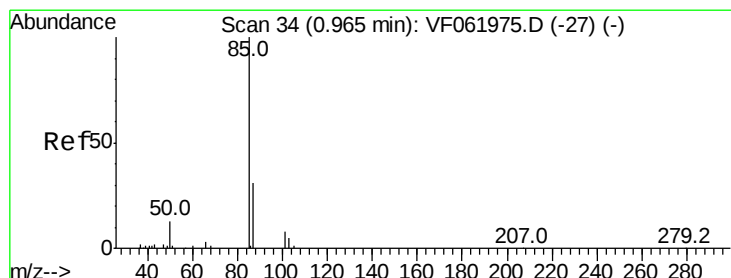
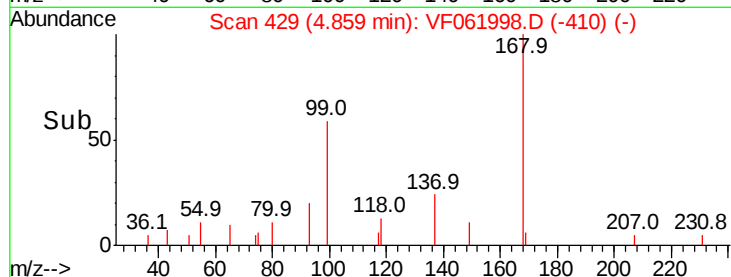
0

4.80

4.90

5.00

Time-->



#2

Dichlorodifluoromethane

Concen: 1.011 ug/l

RT: 0.95 min Scan# 33

Delta R.T. -0.01 min

Lab File: VF061998.D

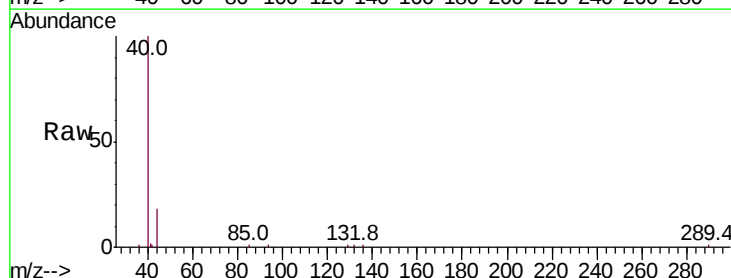
Acq: 18 Mar 2019 15:34

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

85 100

87 0.0 15.4 46.2#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.95

100

50

0

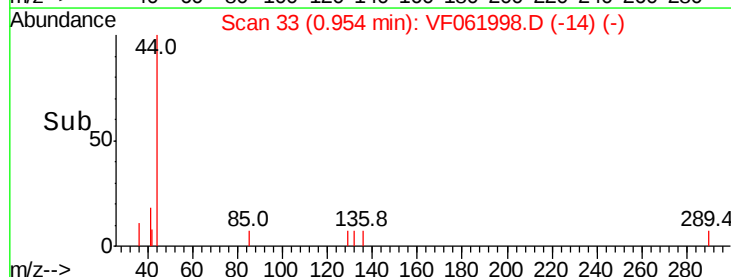
0.92

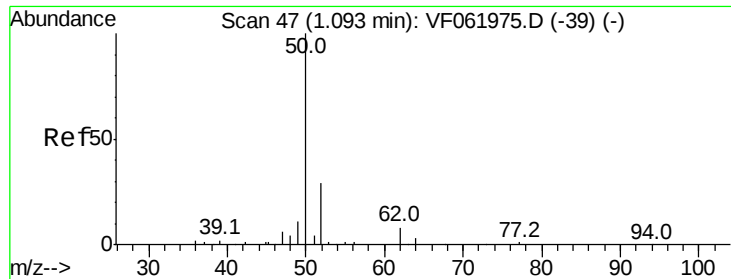
0.94

0.96

0.98

Time-->





#3

Chloromethane

Concen: 1.082 ug/l

RT: 1.20 min Scan# 58

Delta R.T. 0.11 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampled :

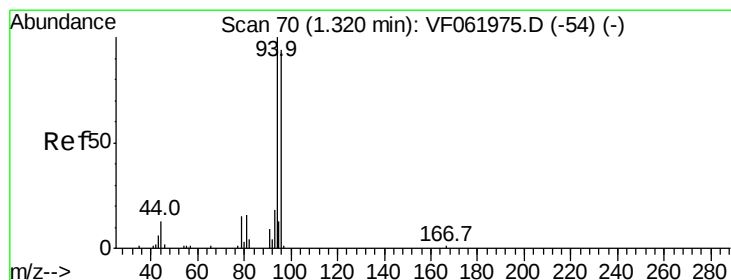
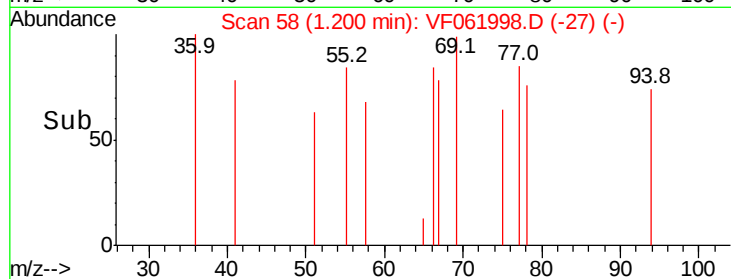
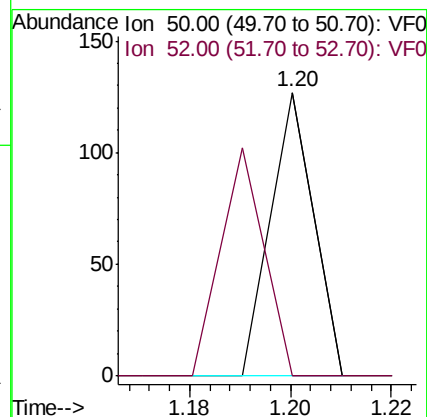
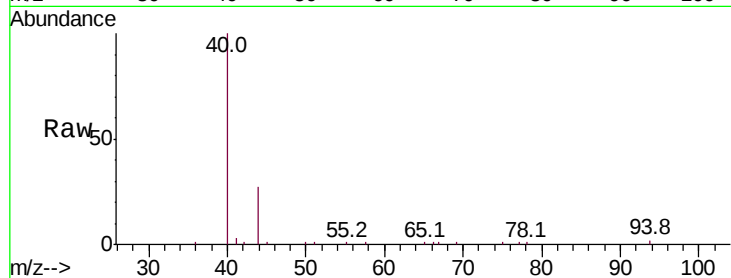
S-5RE

Tot Ion: 50 Resp: 75

Ion Ratio Lower Upper

50 100

52 0.0 22.6 34.0#



#5

Bromomethane

Concen: 5.731 ug/l

RT: 1.33 min Scan# 71

Delta R.T. 0.01 min

Lab File: VF061998.D

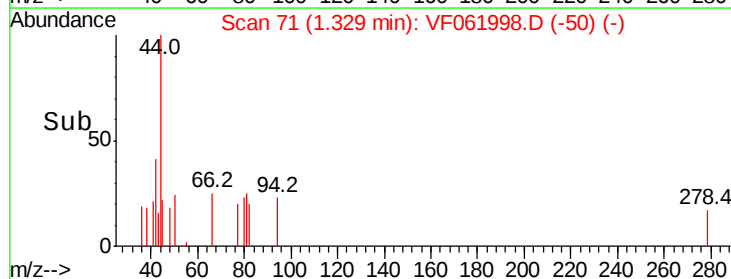
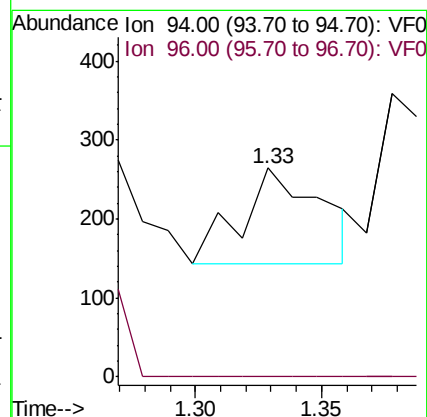
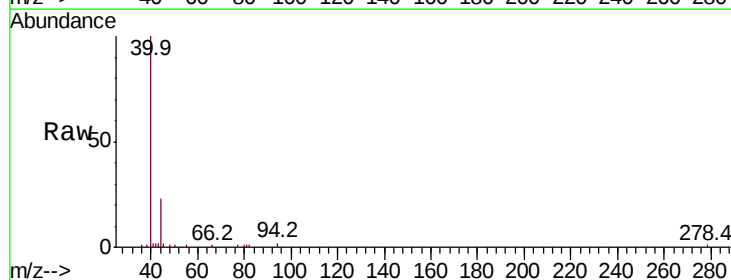
Acq: 18 Mar 2019 15:34

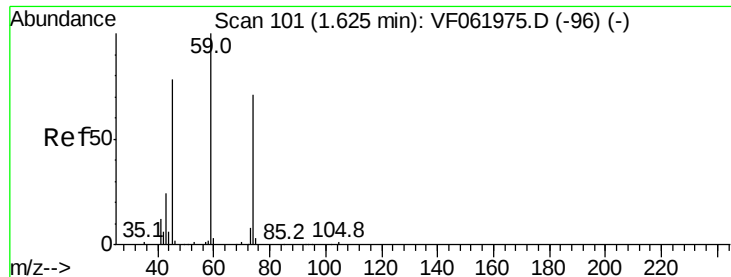
Tgt Ion: 94 Resp: 270

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.6#





#8

Diethyl Ether

Concen: 3.443 ug/l

RT: 1.53 min Scan# 91

Delta R.T. -0.10 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

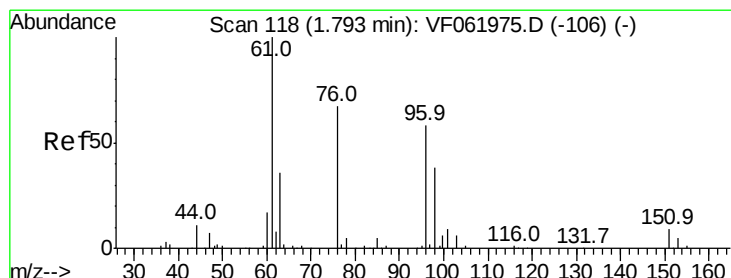
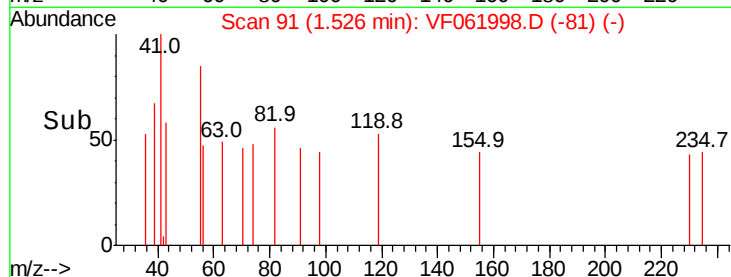
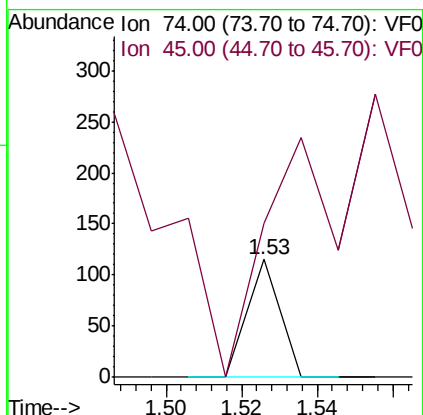
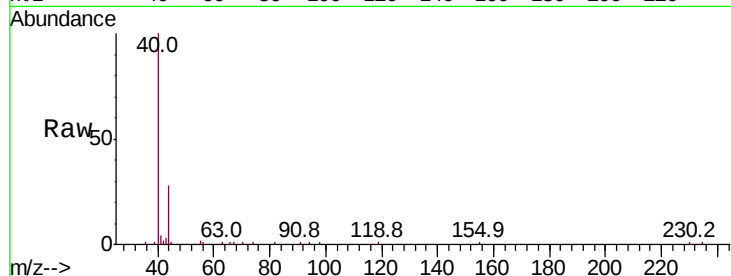
S-5RE

Tot Ion: 74 Resp: 68

Ion Ratio Lower Upper

74 100

45 130.4 56.3 168.8



#12

1,1-Dichloroethene

Concen: 1.240 ug/l

RT: 1.73 min Scan# 112

Delta R.T. -0.06 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

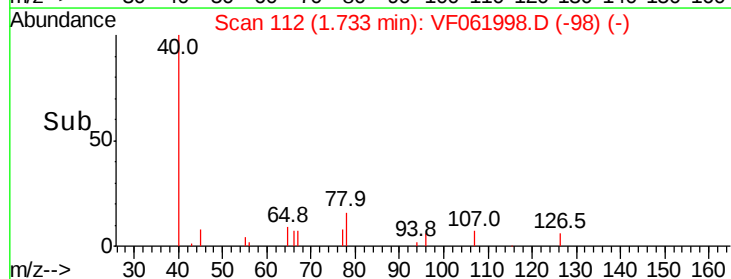
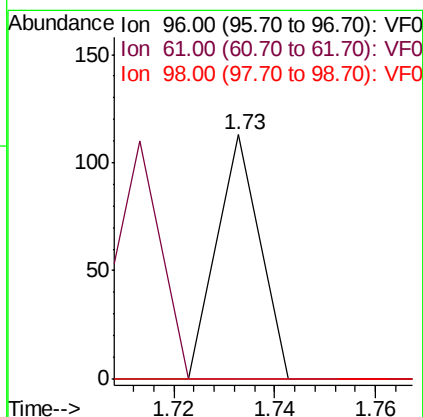
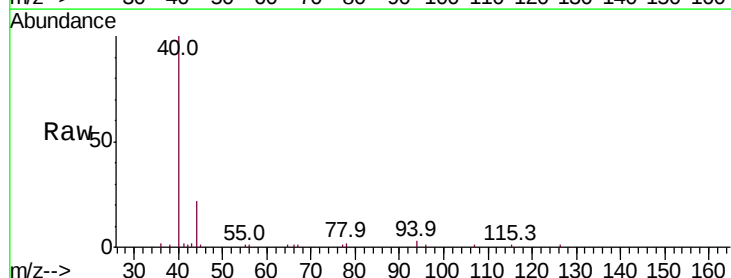
Tgt Ion: 96 Resp: 67

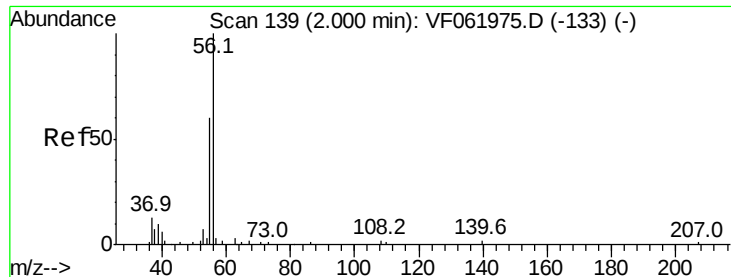
Ion Ratio Lower Upper

96 100

61 0.0 138.6 208.0#

98 0.0 53.2 79.8#





#13

Acrolein

Concen: 97.578 ug/l

RT: 1.89 min Scan# 128

Delta R.T. -0.11 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

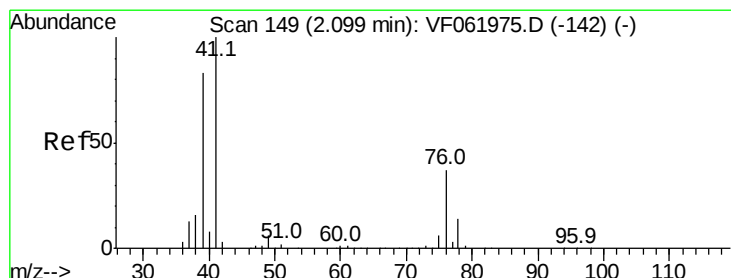
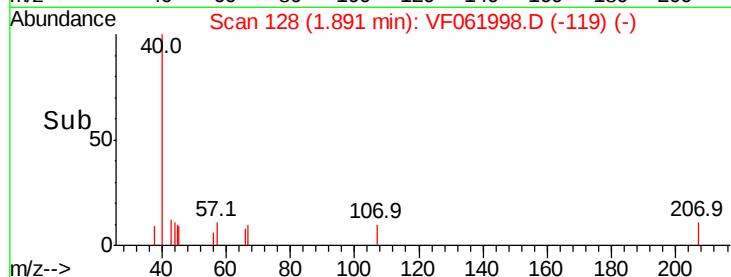
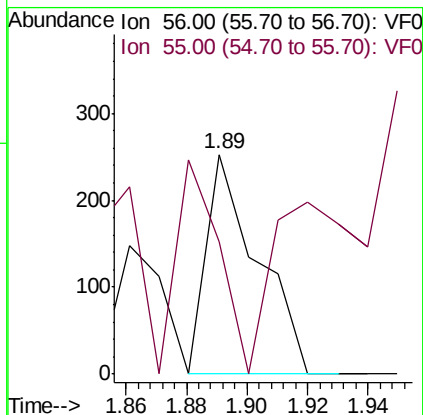
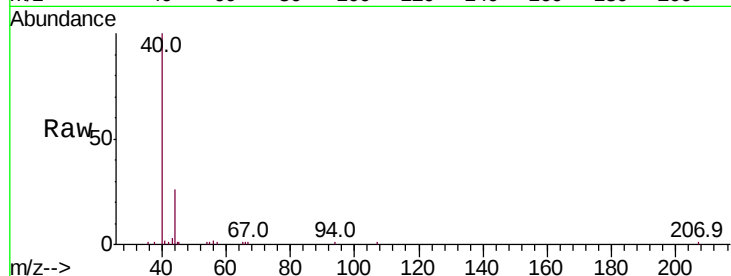
S-5RE

Tot Ion: 56 Resp: 297

Ion Ratio Lower Upper

56 100

55 60.1 49.1 73.7



#14

Allyl chloride

Concen: 9.339 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.00 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

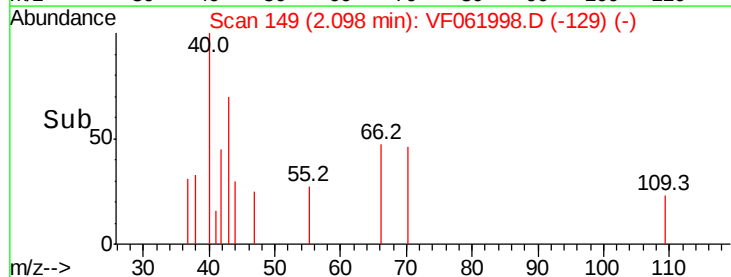
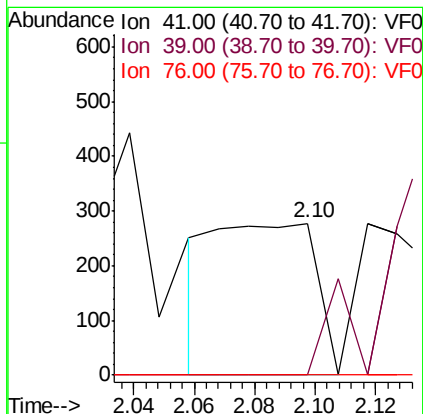
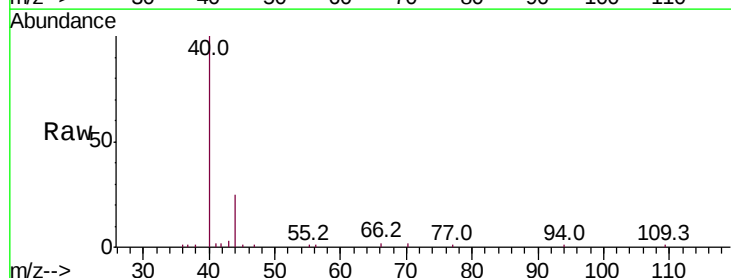
Tgt Ion: 41 Resp: 644

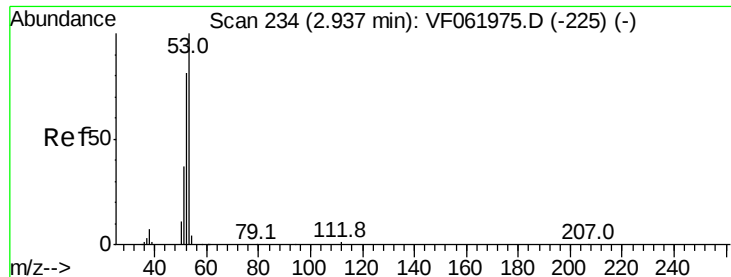
Ion Ratio Lower Upper

41 100

39 0.0 66.8 100.2#

76 0.0 31.1 46.7#





#15

Acrylonitrile

Concen: 35.456 ug/l

RT: 2.93 min Scan# 233

Delta R.T. -0.01 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

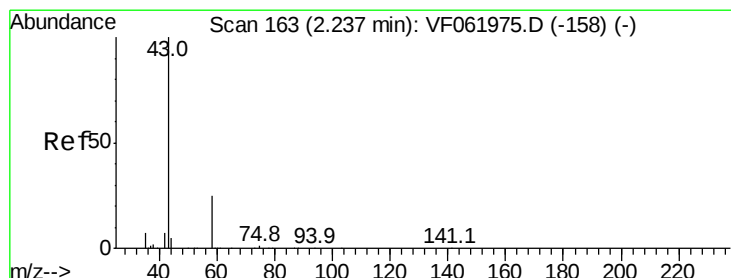
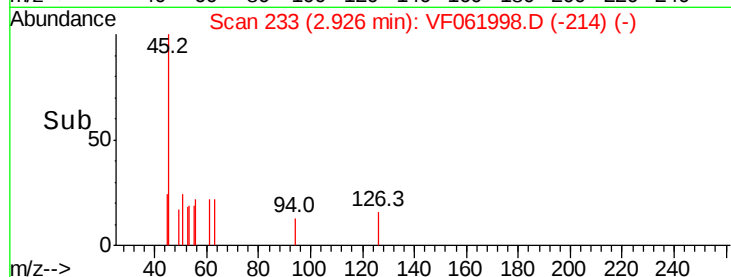
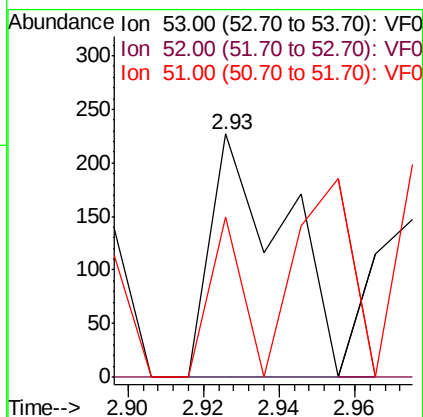
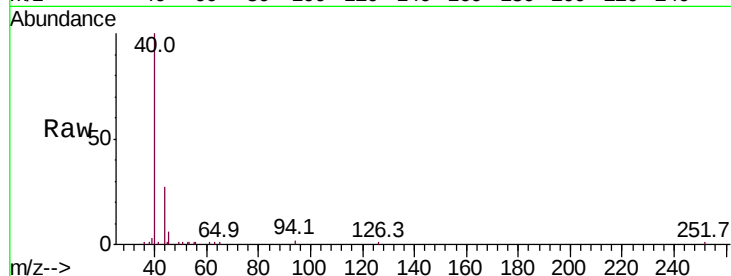
Tot Ion: 53 Resp: 304

Ion Ratio Lower Upper

53 100

52 0.0 64.4 96.6#

51 65.6 30.3 45.5#



#16

Acetone

Concen: 124.870 ug/l

RT: 2.16 min Scan# 155

Delta R.T. -0.08 min

Lab File: VF061998.D

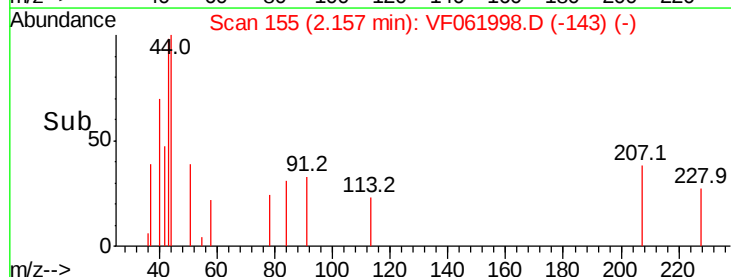
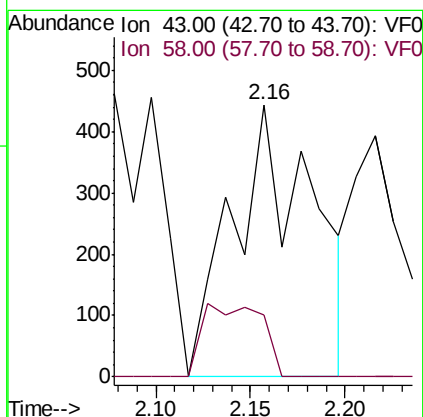
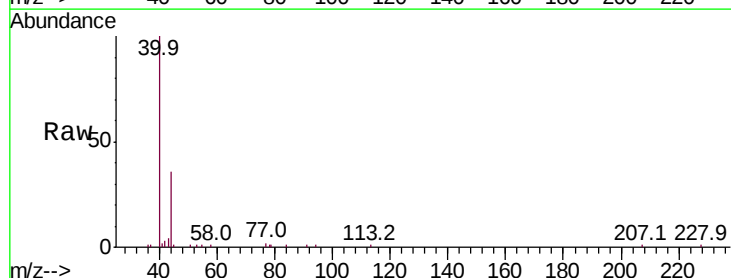
Acq: 18 Mar 2019 15:34

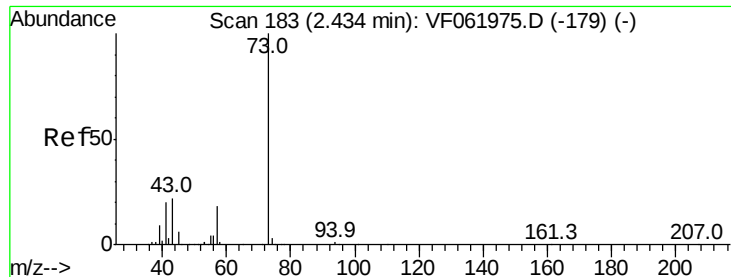
Tgt Ion: 43 Resp: 1292

Ion Ratio Lower Upper

43 100

58 22.7 19.9 29.9

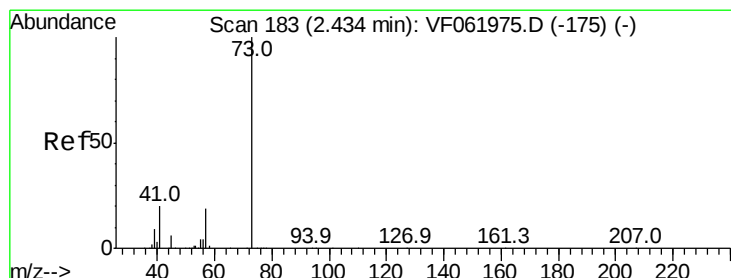
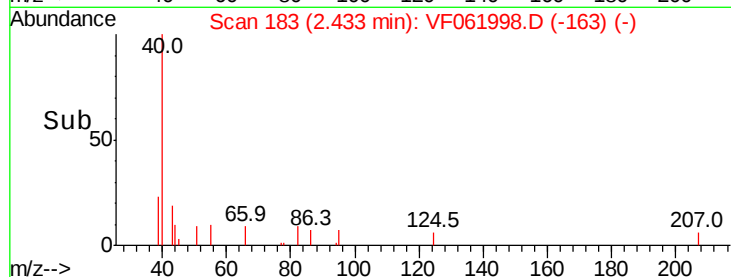
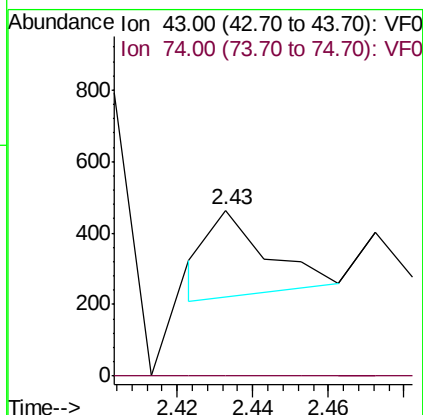
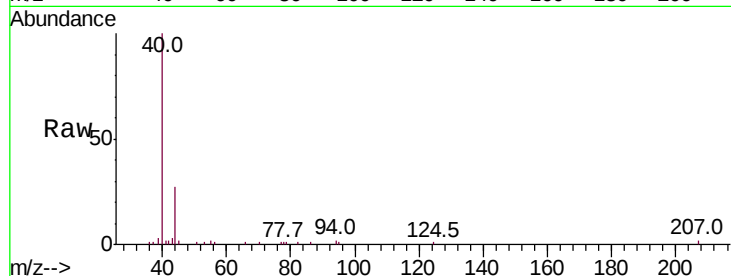




#18
Methyl Acetate
Concen: 12.141 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

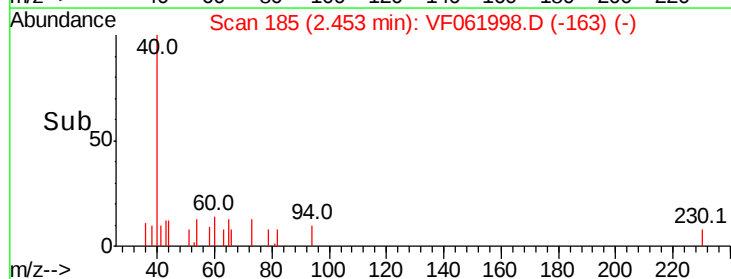
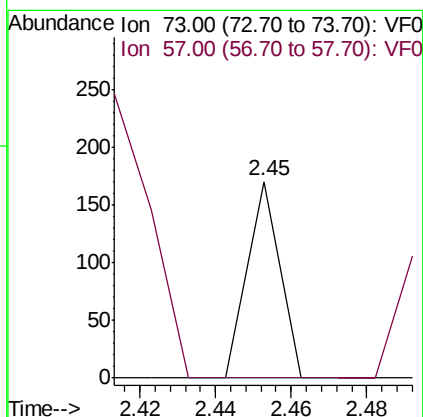
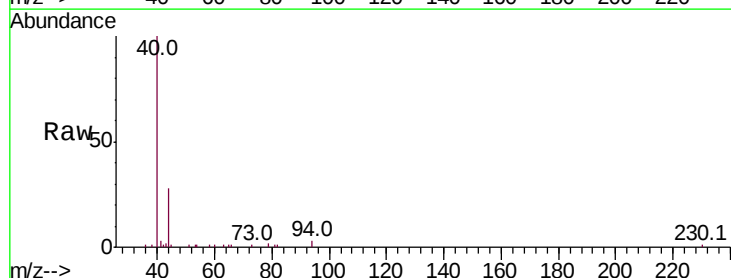
Instrument :
MSVOA_F
ClientSampleId :
S-5RE

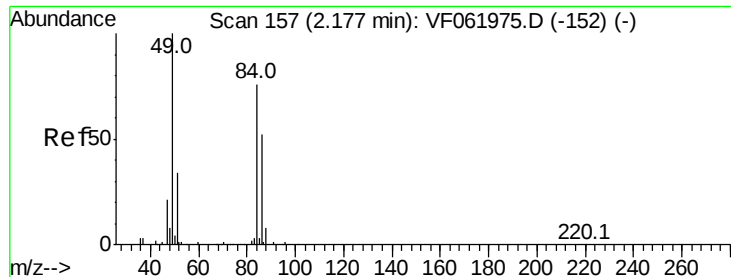
Tot Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
74 0.0 12.6 18.8#



#19
Methyl tert-butyl Ether
Concen: 1.032 ug/l
RT: 2.45 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

Tgt Ion: 73 Resp: 101
Ion Ratio Lower Upper
73 100
57 0.0 15.3 22.9#





#20

Methylene Chloride

Concen: 7.415 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampled :

S-5RE

Tot Ion: 84 Resp: 395

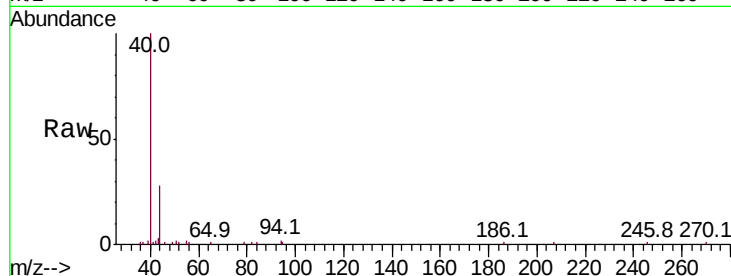
Ion Ratio Lower Upper

84 100

49 115.8 107.0 160.6

51 153.2 37.2 55.8#

86 0.0 55.3 82.9#

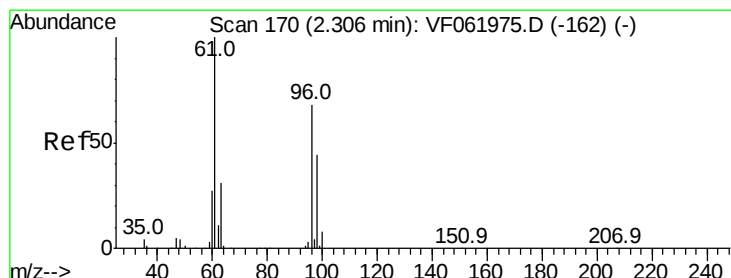
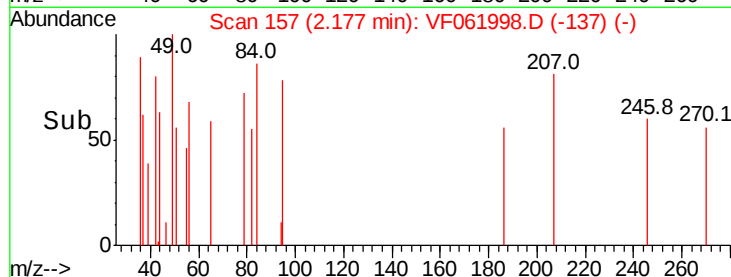
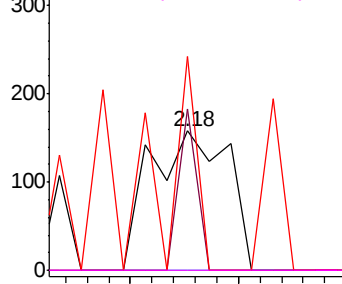


Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#21

trans-1,2-Dichloroethene

Concen: 4.328 ug/l

RT: 2.26 min Scan# 165

Delta R.T. -0.05 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

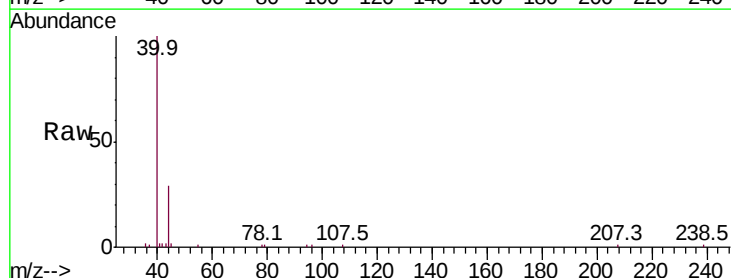
Tgt Ion: 96 Resp: 244

Ion Ratio Lower Upper

96 100

61 0.0 117.4 176.2#

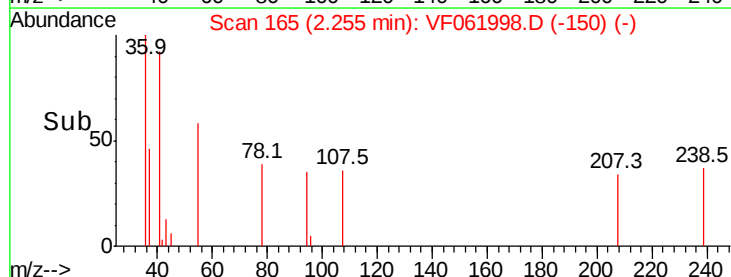
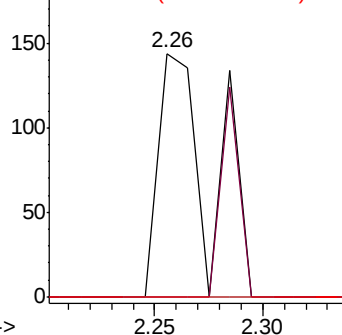
98 0.0 51.2 76.8#

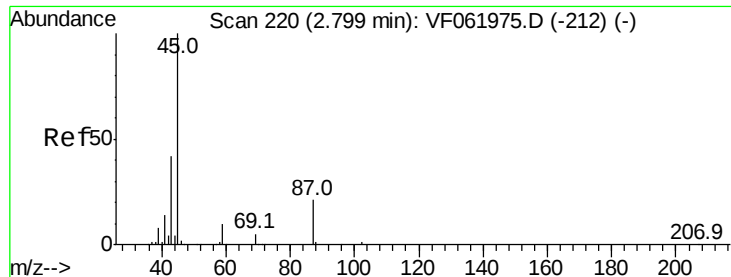


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#22

Diisopropyl ether

Concen: 6.457 ug/l

RT: 2.81 min Scan# 221

Delta R.T. 0.01 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

Tot Ion: 45 Resp: 1071

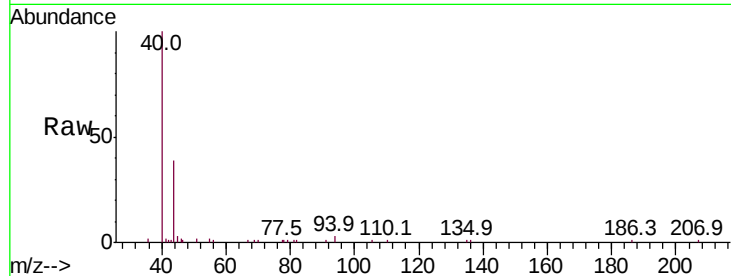
Ion Ratio Lower Upper

45 100

43 44.1 33.7 50.5

87 0.0 17.1 25.7#

59 0.0 8.0 12.0#

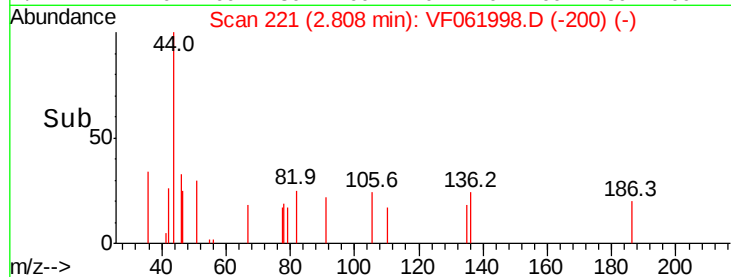
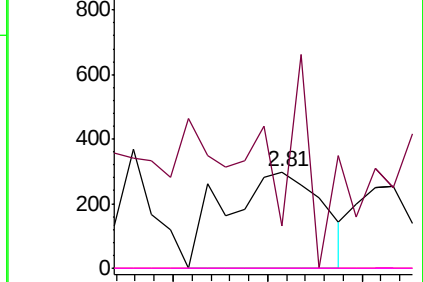


Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 1.957 ug/l

RT: 3.14 min Scan# 255

Delta R.T. -0.05 min

Lab File: VF061998.D

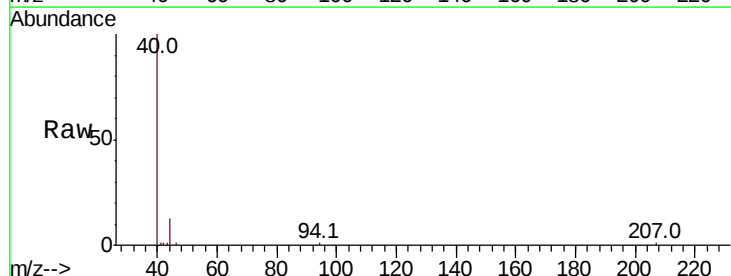
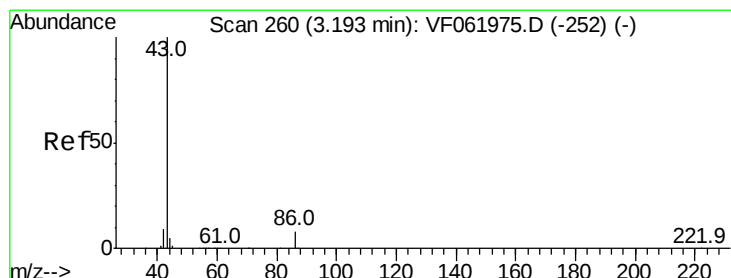
Acq: 18 Mar 2019 15:34

Tgt Ion: 43 Resp: 128

Ion Ratio Lower Upper

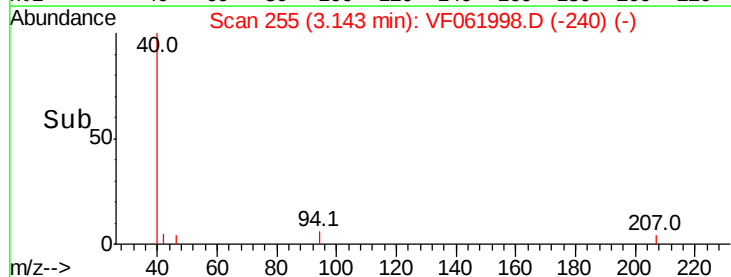
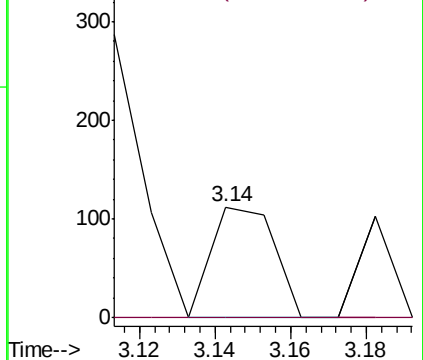
43 100

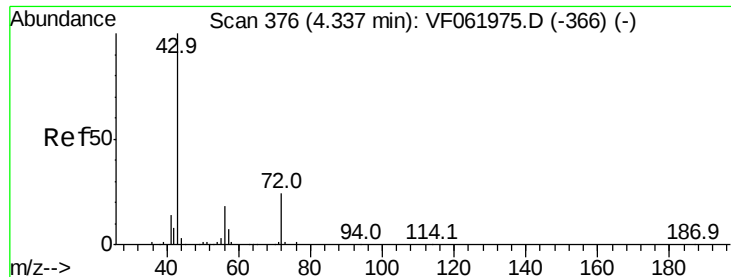
86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 7.223 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.02 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

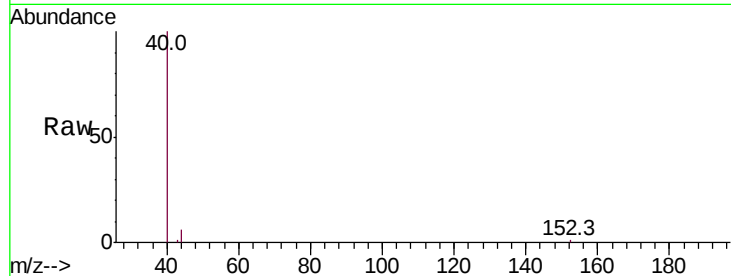
S-5RE

Tot Ion: 43 Resp: 148

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

150

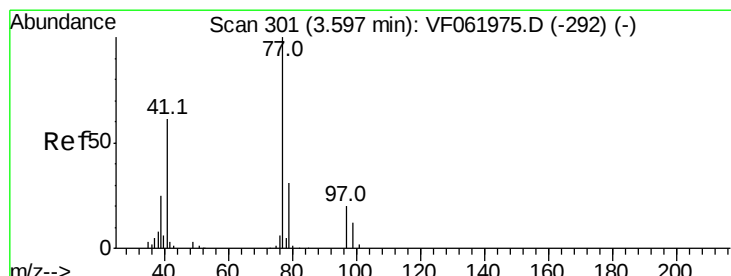
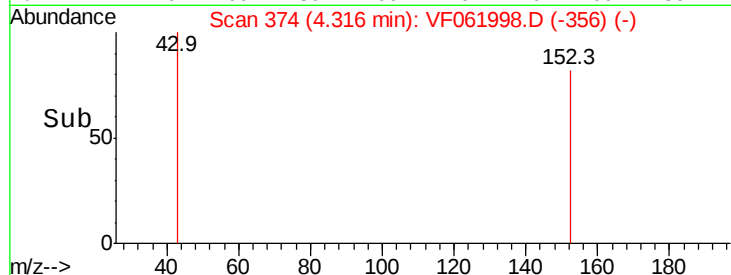
100

50

0

4.28 4.30 4.32 4.34

Time-->



#26

2,2-Dichloropropane

Concen: 1.341 ug/l

RT: 3.57 min Scan# 298

Delta R.T. -0.03 min

Lab File: VF061998.D

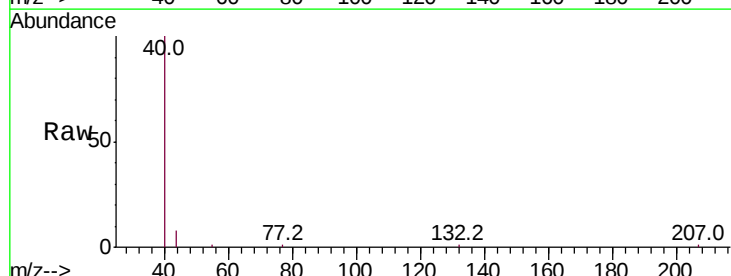
Acq: 18 Mar 2019 15:34

Tgt Ion: 77 Resp: 61

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

120

100

80

60

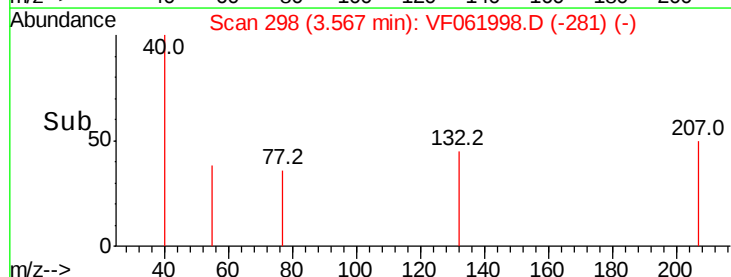
40

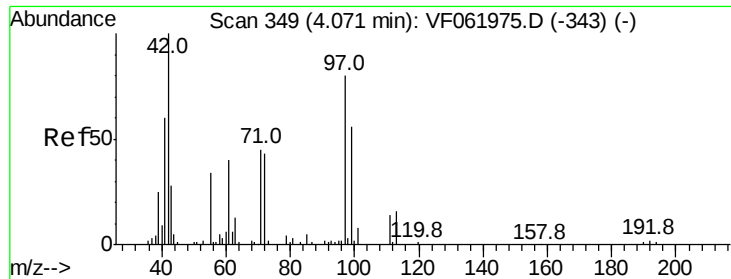
20

0

3.54 3.56 3.58 3.60

Time-->

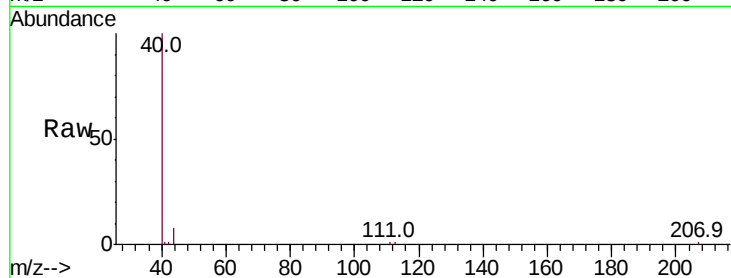




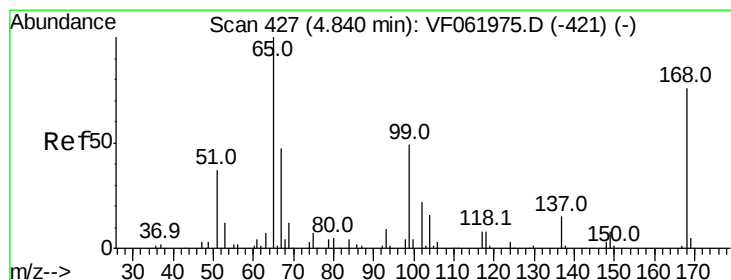
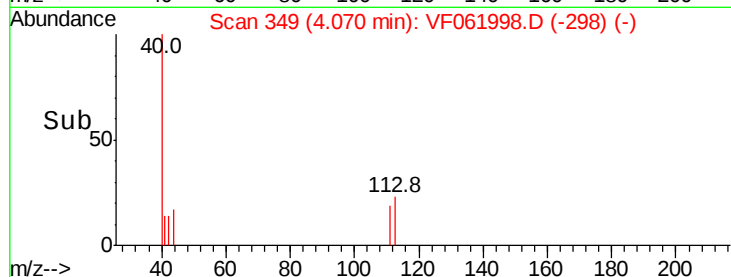
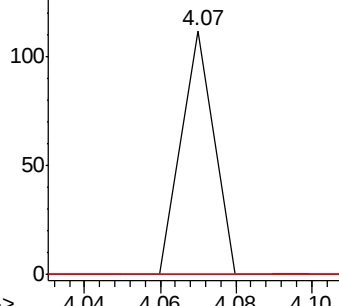
#29
Tetrahydrofuran
Concen: 7.406 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

Instrument :
MSVOA_F
ClientSampleId :
S-5RE

Tot Ion: 42 Resp: 66
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 0.0 34.2 51.4#

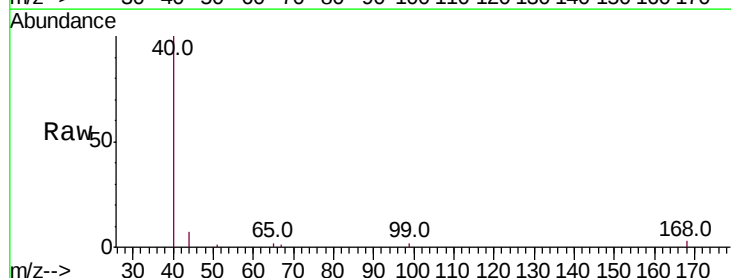


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

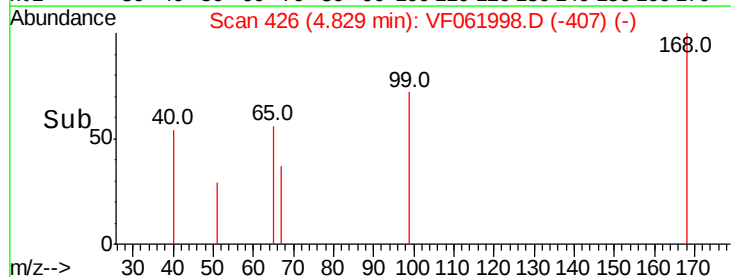
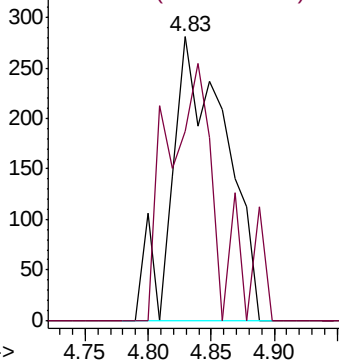


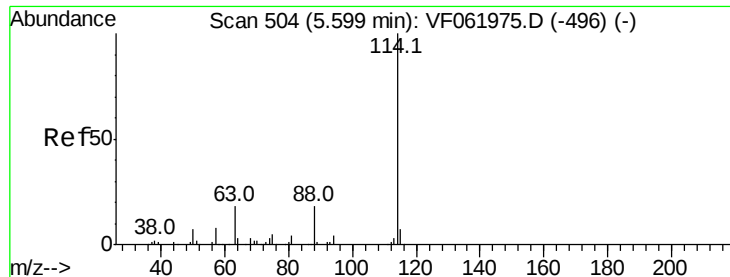
#33
1,2-Dichloroethane-d4
Concen: 18.252 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

Tgt Ion: 65 Resp: 841
Ion Ratio Lower Upper
65 100
67 66.5 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: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

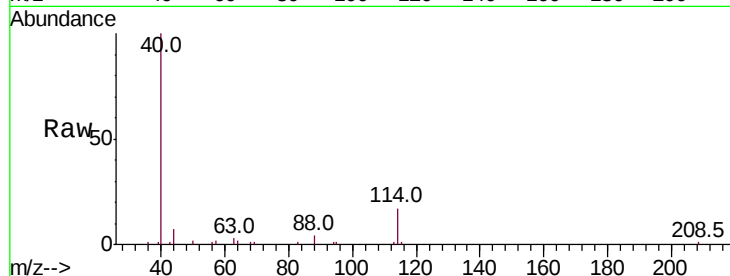
Tot Ion:114 Resp: 7227

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

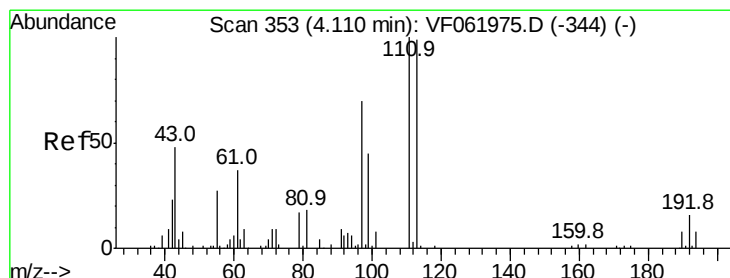
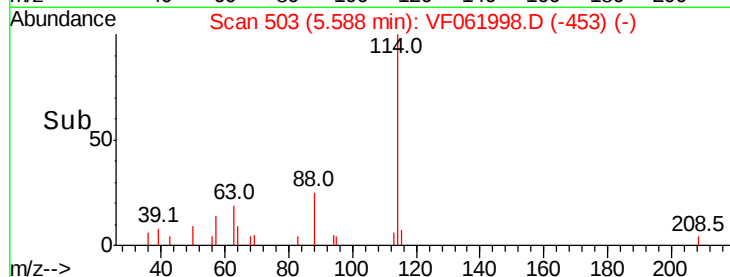
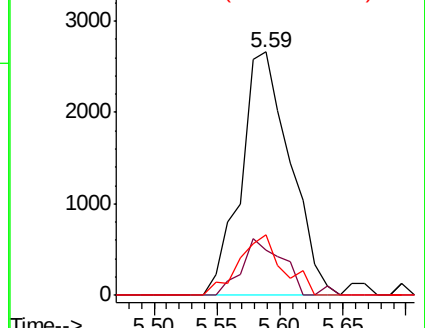
88 24.6 0.0 36.4



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: 38.862 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

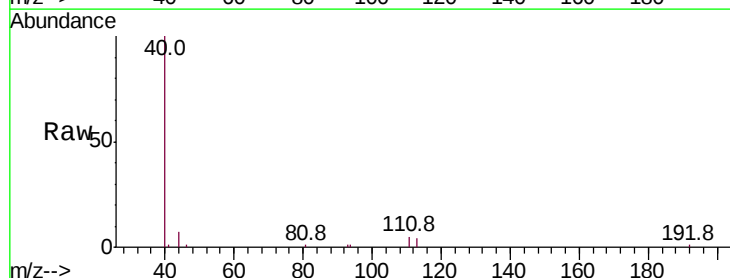
Tgt Ion:113 Resp: 1886

Ion Ratio Lower Upper

113 100

111 130.2 80.8 121.2#

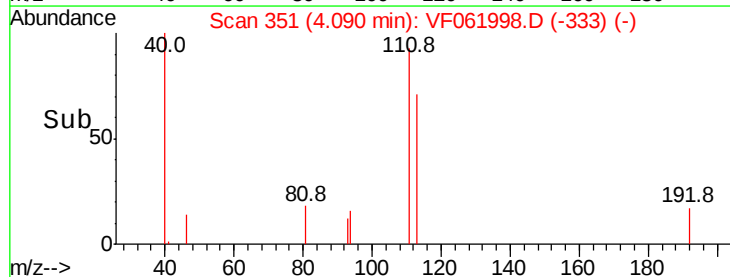
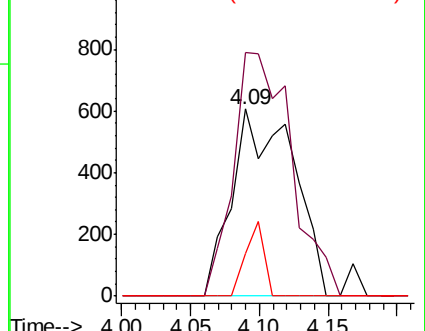
192 23.1 13.0 19.6#

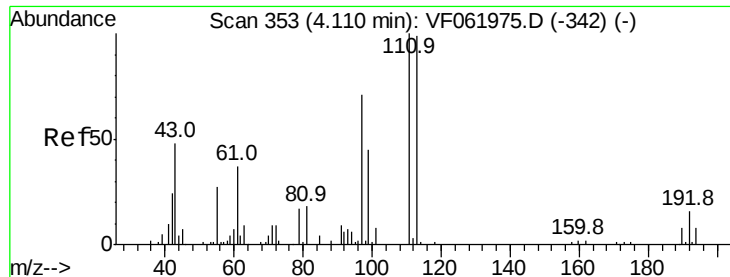


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 3.515 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

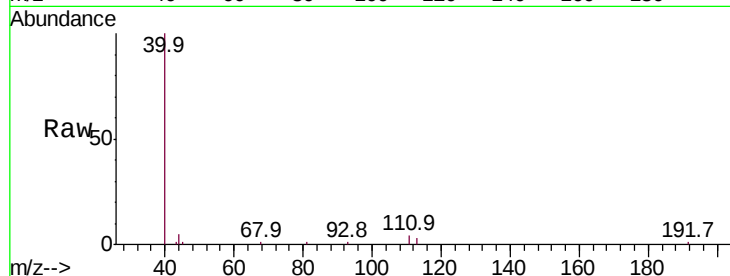
Tot Ion: 43 Resp: 103

Ion Ratio Lower Upper

43 100

61 0.0 59.8 89.6#

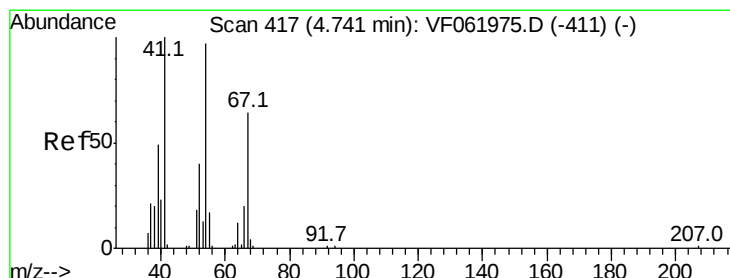
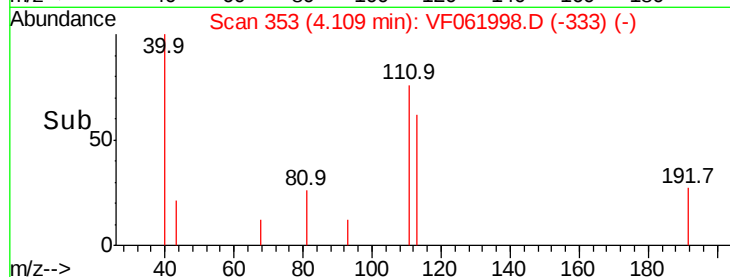
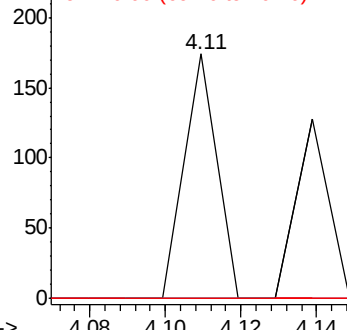
70 0.0 7.8 11.8#



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: 5.429 ug/l

RT: 4.75 min Scan# 418

Delta R.T. 0.01 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Tgt Ion: 41 Resp: 85

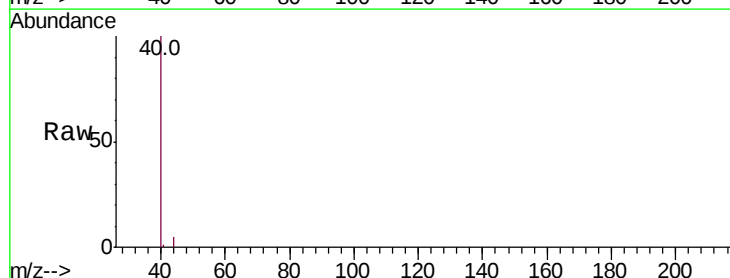
Ion Ratio Lower Upper

41 100

39 0.0 46.2 69.4#

67 0.0 49.8 74.8#

52 0.0 42.7 64.1#

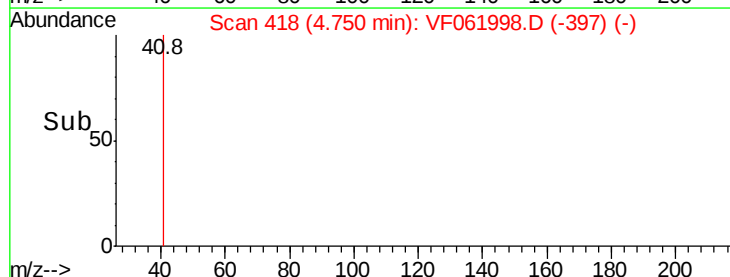
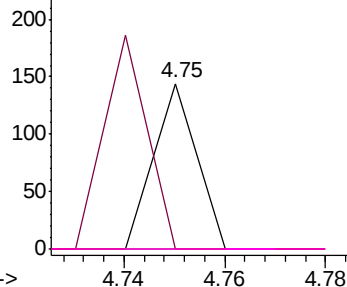


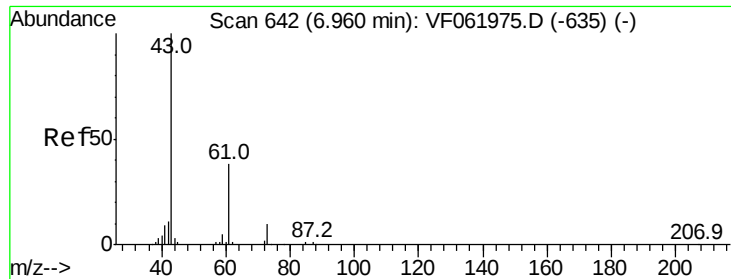
Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 10.210 ug/l

RT: 6.99 min Scan# 645

Delta R.T. 0.03 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

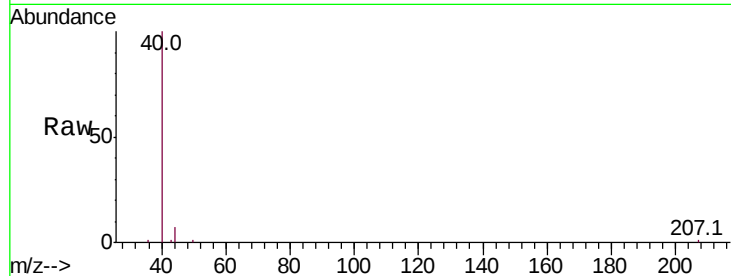
Tot Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

61 0.0 30.1 45.1#

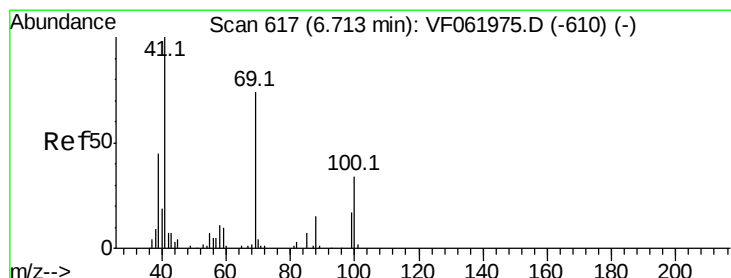
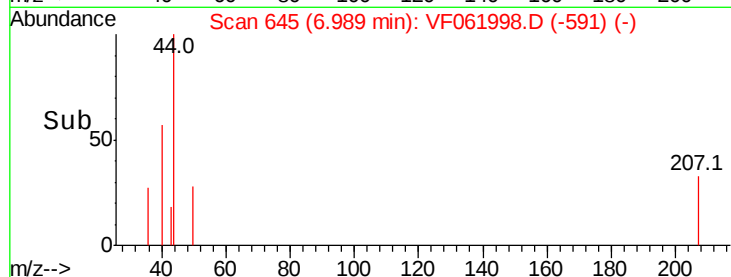
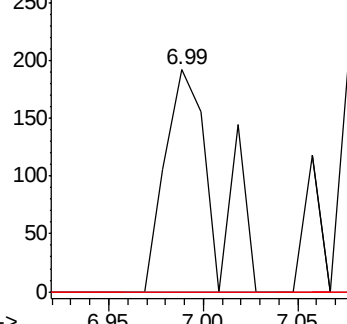
87 0.0 0.4 0.6#



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: 7.185 ug/l

RT: 6.66 min Scan# 612

Delta R.T. -0.05 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

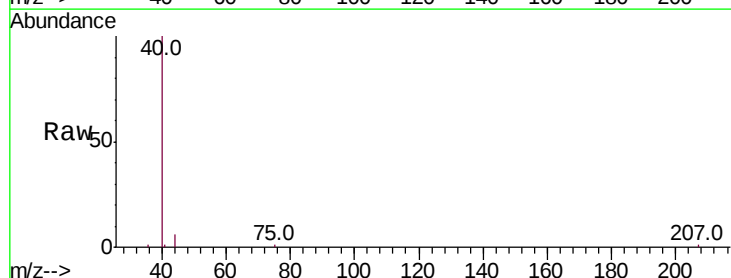
Tgt Ion: 41 Resp: 161

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.6#

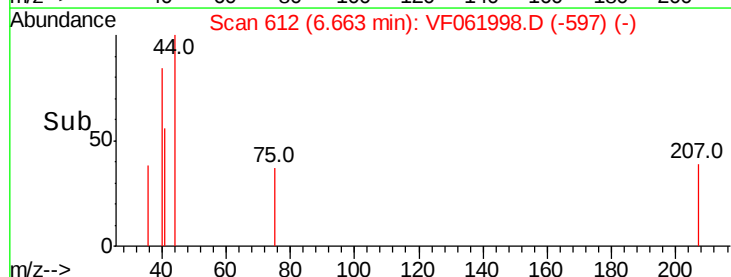
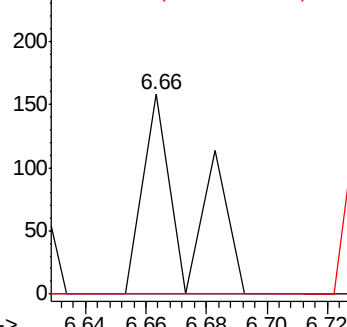
39 0.0 35.6 53.4#

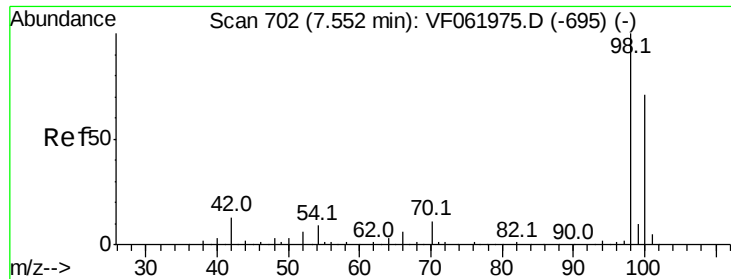


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#50

Toluene-d8

Concen: 55.227 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

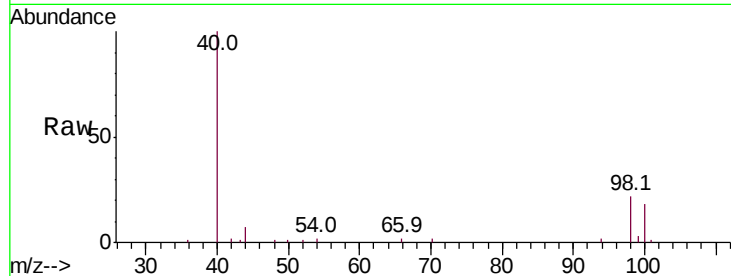
S-5RE

Tot Ion: 98 Resp: 7835

Ion Ratio Lower Upper

98 100

100 81.1 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

3000

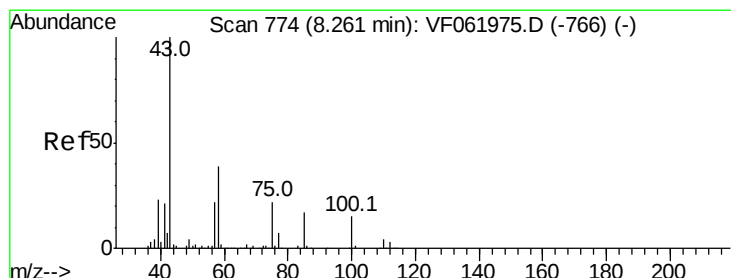
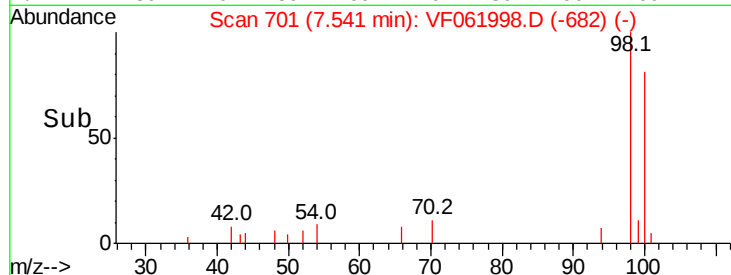
2000

1000

0

7.50 7.60

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.493 ug/l

RT: 8.21 min Scan# 769

Delta R.T. -0.05 min

Lab File: VF061998.D

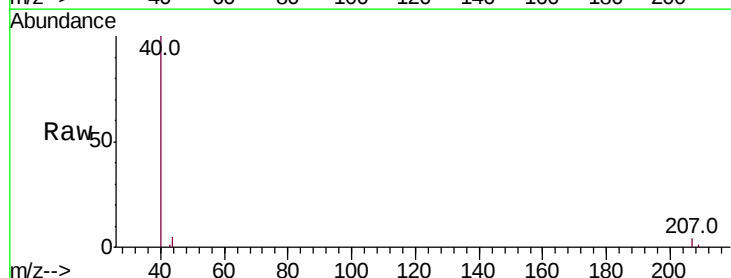
Acq: 18 Mar 2019 15:34

Tgt Ion: 43 Resp: 86

Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.21

150

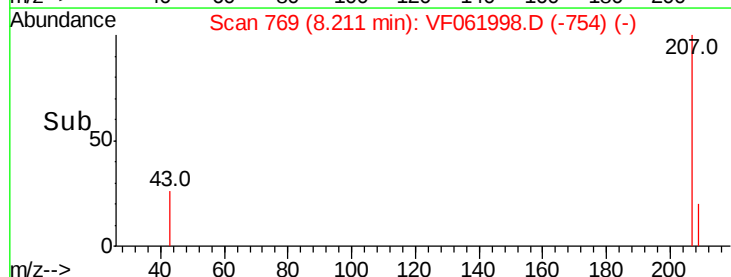
100

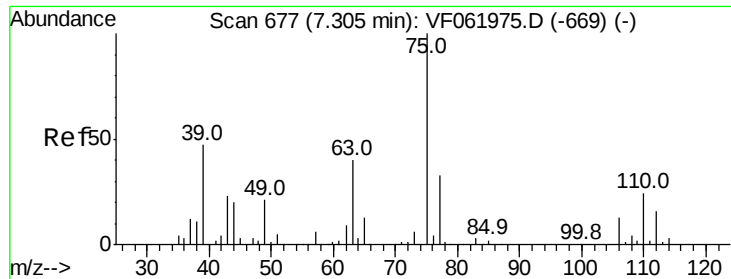
50

0

8.18 8.20 8.22 8.24

Time-->





#54

cis-1,3-Dichloropropene

Concen: 1.661 ug/l

RT: 7.24 min Scan# 671

Delta R.T. -0.06 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

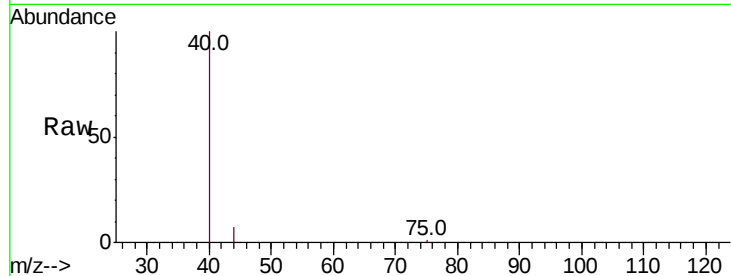
Tot Ion: 75 Resp: 105

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

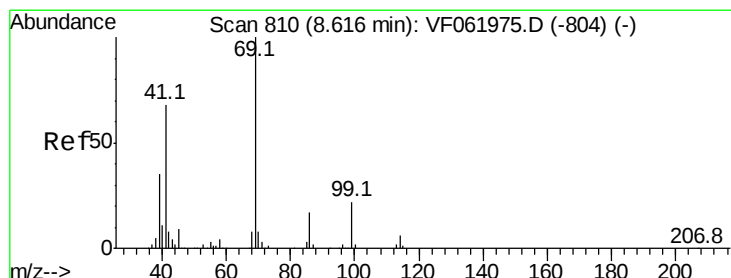
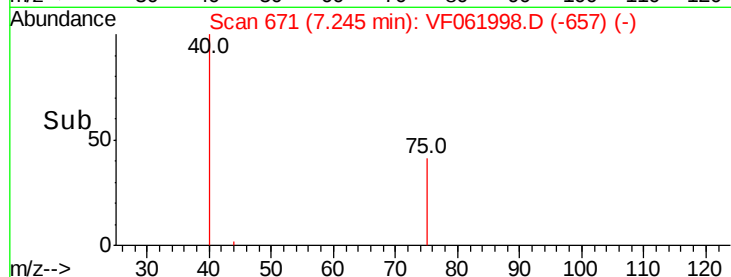
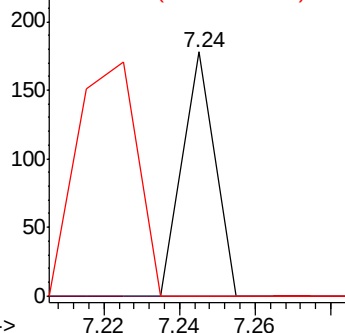
39 0.0 38.0 57.0#



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



#56

Ethyl methacrylate

Concen: 2.267 ug/l

RT: 8.54 min Scan# 802

Delta R.T. -0.08 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

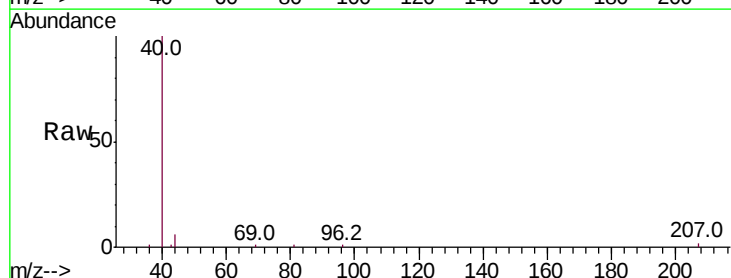
Tgt Ion: 69 Resp: 76

Ion Ratio Lower Upper

69 100

41 0.0 54.7 82.1#

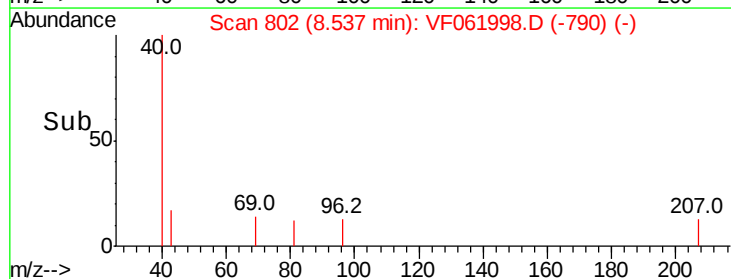
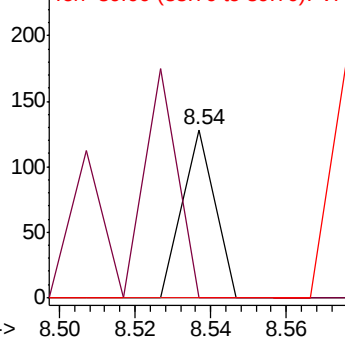
39 0.0 27.9 41.9#

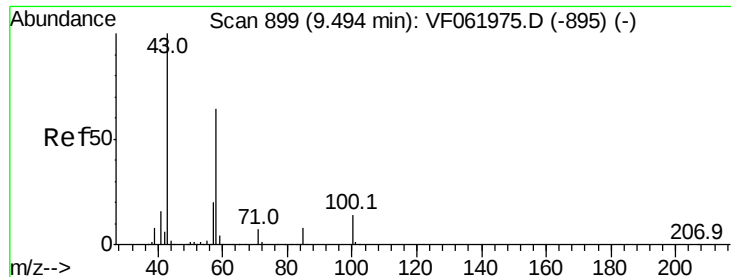


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

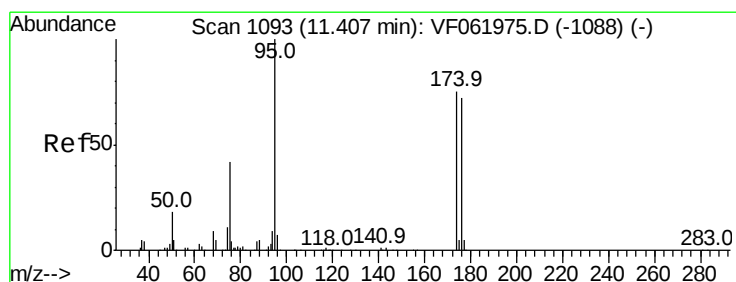
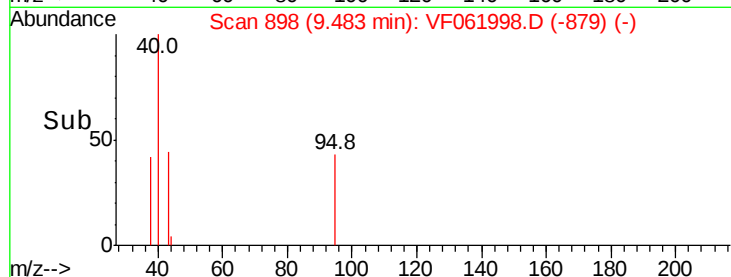
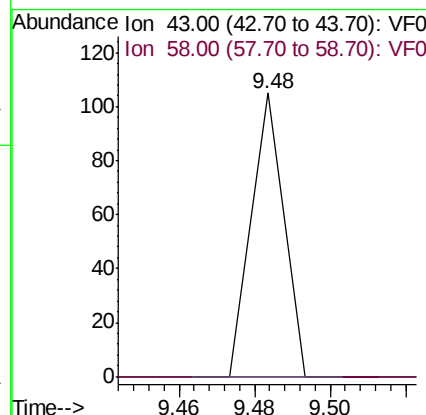
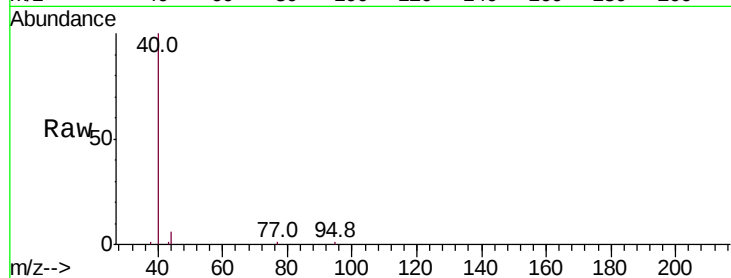




#59
2-Hexanone
Concen: 3.480 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

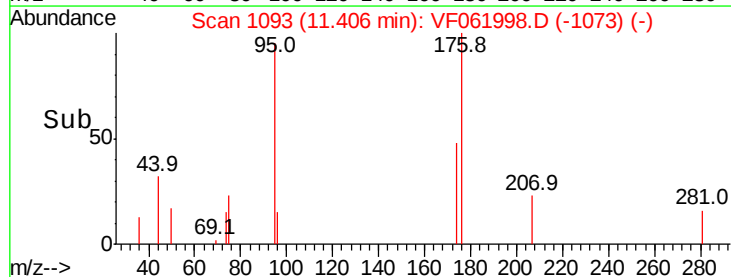
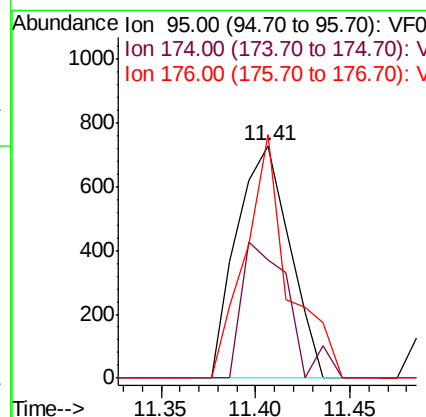
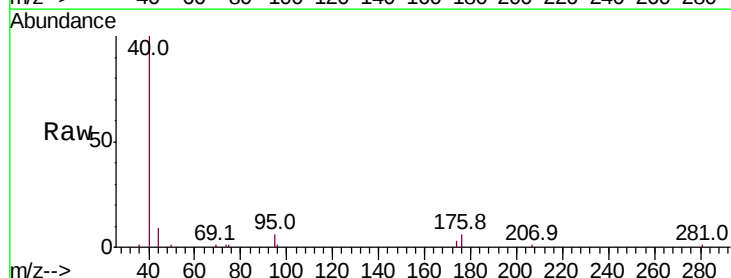
Instrument :
MSVOA_F
ClientSampleId :
S-5RE

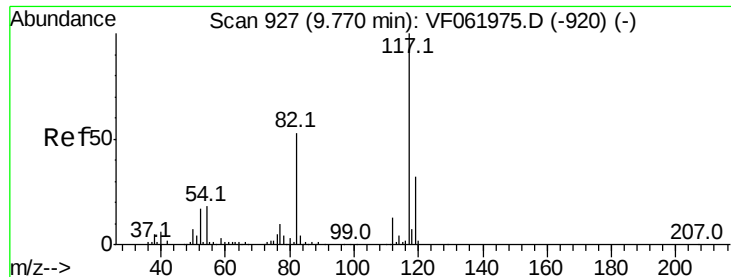
Tot Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.2#



#62
4-Bromofluorobenzene
Concen: 25.107 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

Tgt Ion: 95 Resp: 1415
Ion Ratio Lower Upper
95 100
174 50.6 0.0 149.4
176 104.8 0.0 143.4

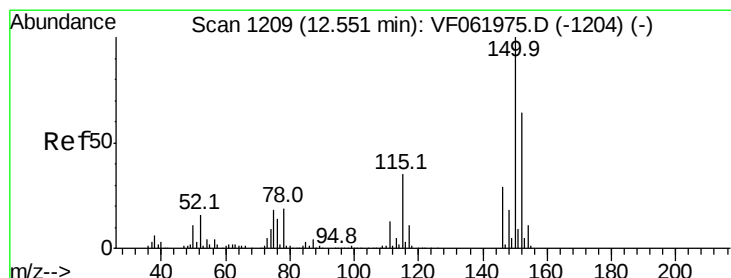
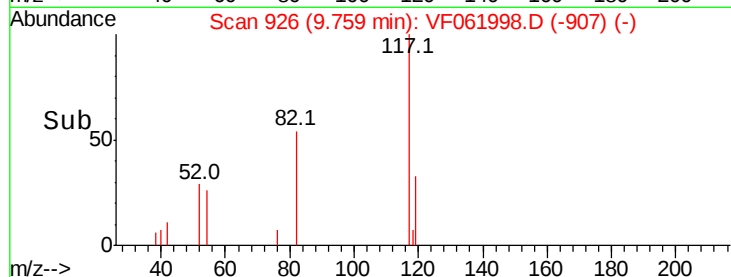
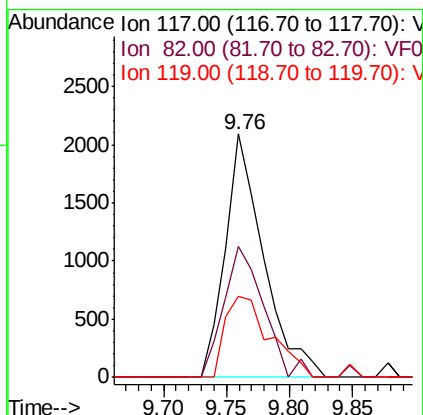
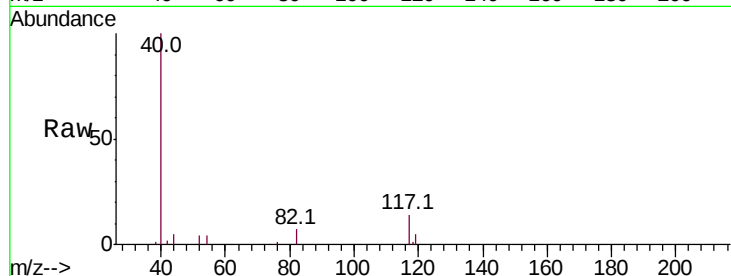




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

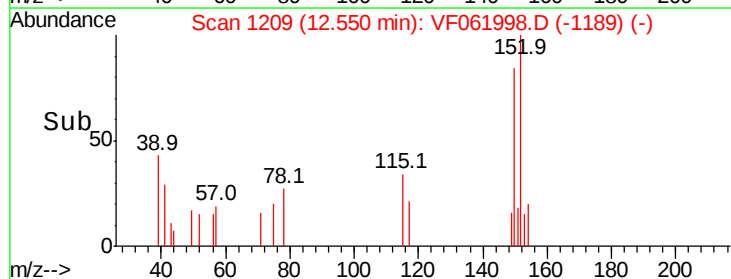
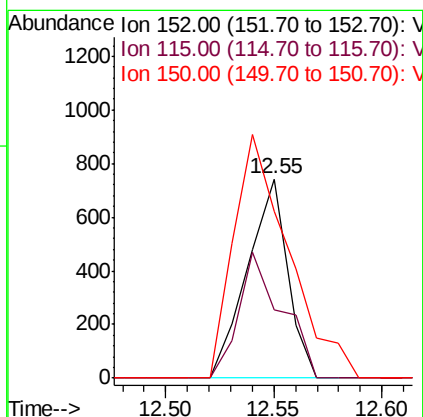
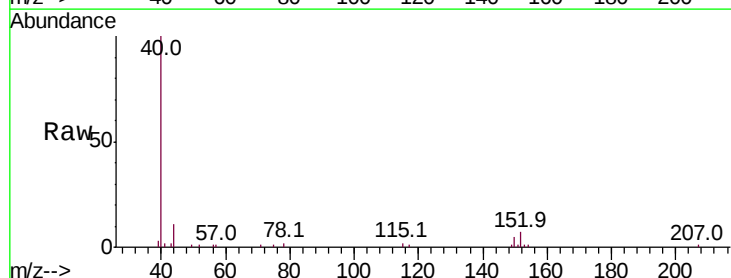
Instrument :
MSVOA_F
ClientSampled :
S-5RE

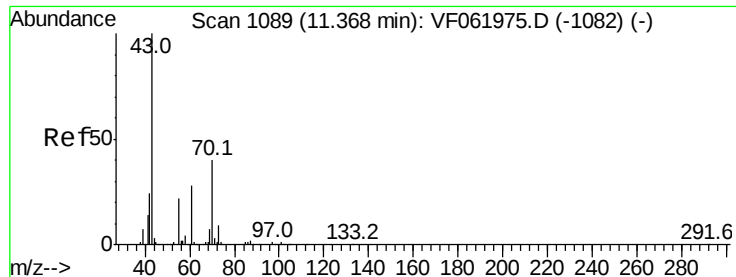
Tot Ion:117 Resp: 4403
Ion Ratio Lower Upper
117 100
82 53.7 42.5 63.7
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061998.D
Acq: 18 Mar 2019 15:34

Tgt Ion:152 Resp: 960
Ion Ratio Lower Upper
152 100
115 34.4 27.3 81.9
150 83.6 0.0 316.2





#74

N-amvl acetate

Concen: 6.514 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. 0.02 min

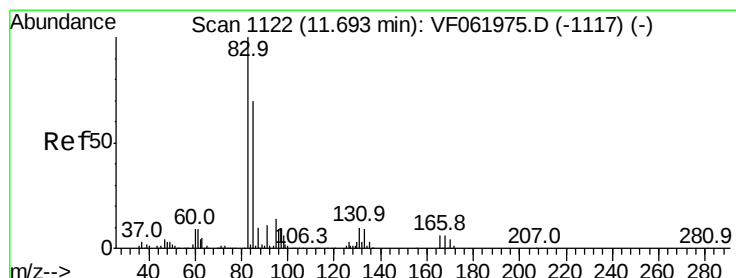
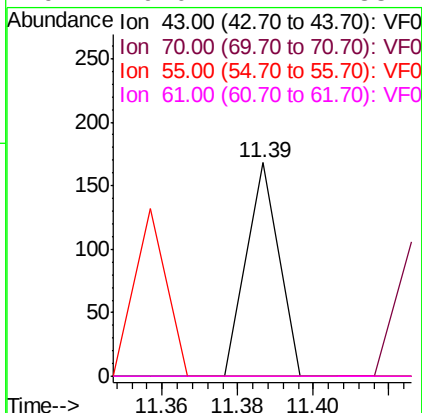
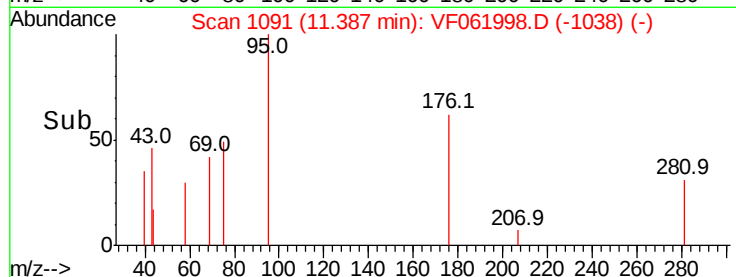
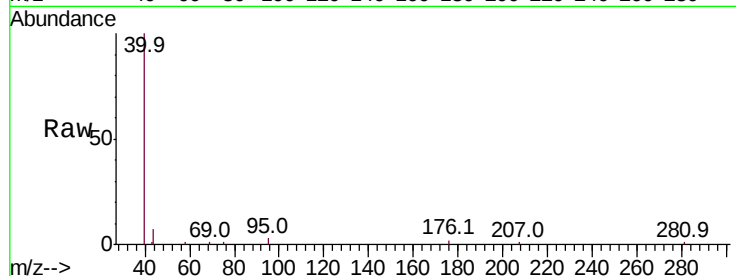
Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :
MSVOA_F
ClientSampled :
S-5RE

Tot Ion: 43 Resp: 99

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#



#75

1,1,2,2-Tetrachloroethane

Concen: 7.582 ug/l

RT: 11.67 min Scan# 1120

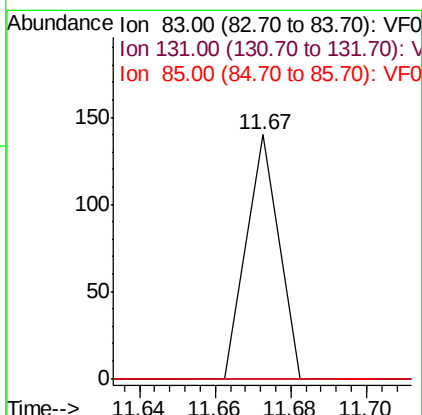
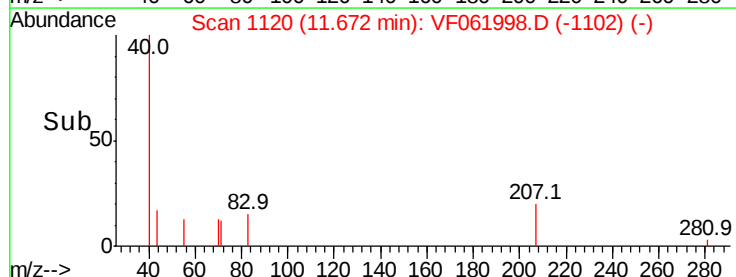
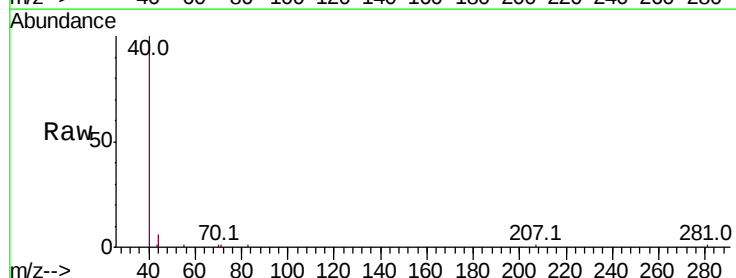
Delta R.T. -0.02 min

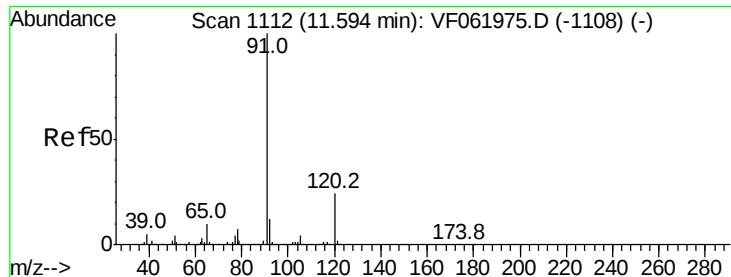
Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Tgt Ion: 83 Resp: 83

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	0.0	35.3	105.9#





#78

n-propylbenzene

Concen: 1.036 ug/l

RT: 11.63 min Scan# 1116

Delta R.T. 0.04 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

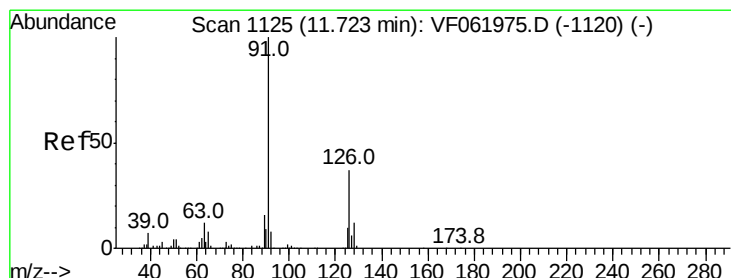
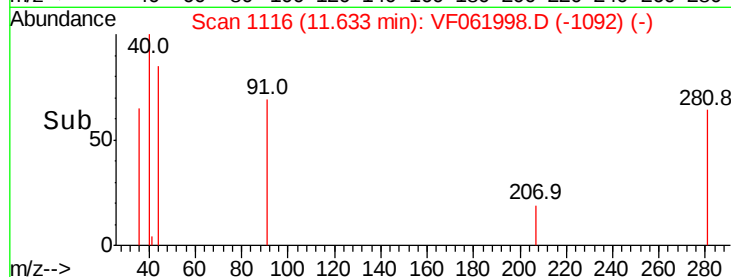
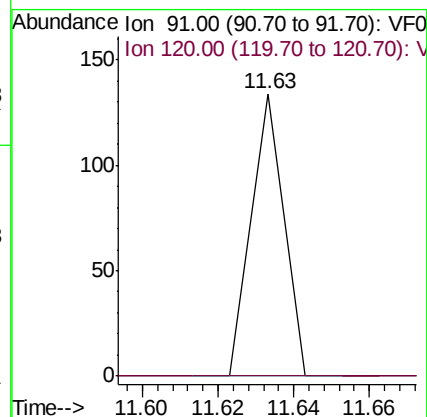
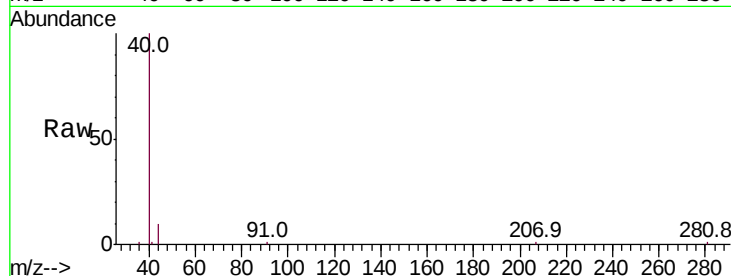
S-5RE

Tot Ion: 91 Resp: 79

Ion Ratio Lower Upper

91 100

120 0.0 11.8 35.3#



#79

2-Chlorotoluene

Concen: 1.835 ug/l

RT: 11.63 min Scan# 1116

Delta R.T. -0.09 min

Lab File: VF061998.D

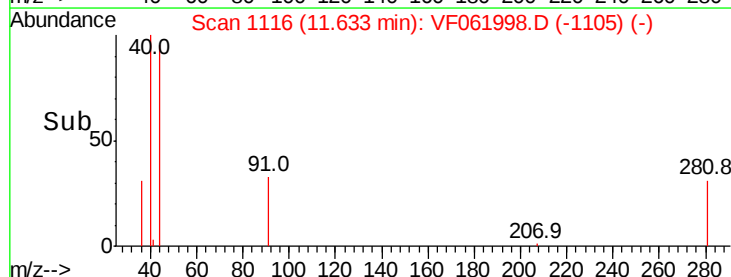
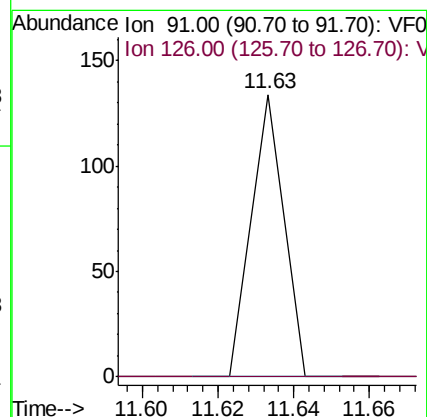
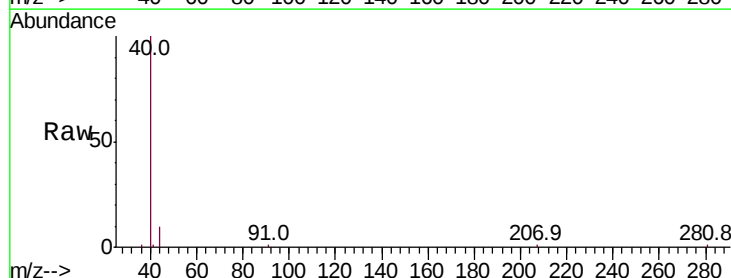
Acq: 18 Mar 2019 15:34

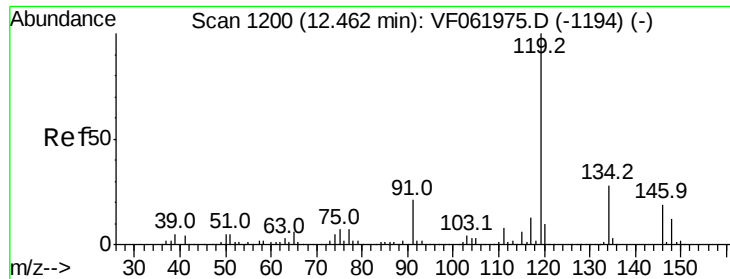
Tgt Ion: 91 Resp: 79

Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.2#

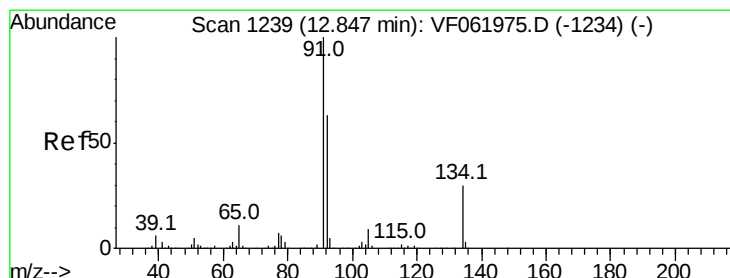
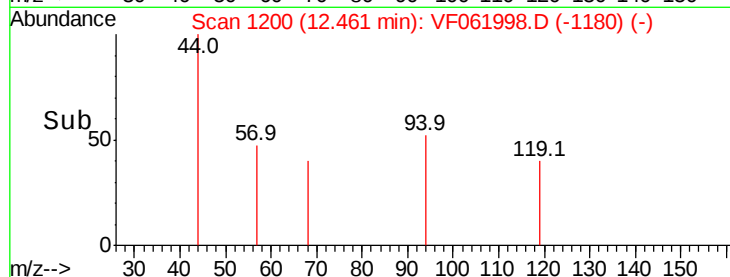
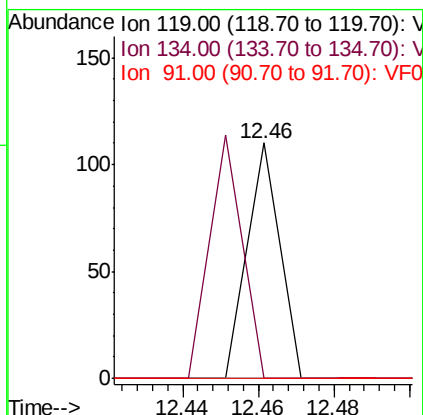
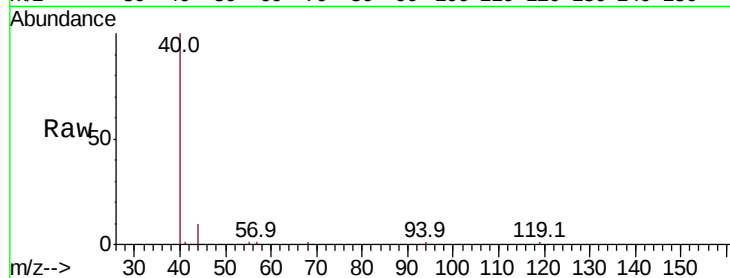




#86
 p-Isopropyltoluene
 Concen: 1.029 ug/l
 RT: 12.46 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VF061998.D
 Acq: 18 Mar 2019 15:34

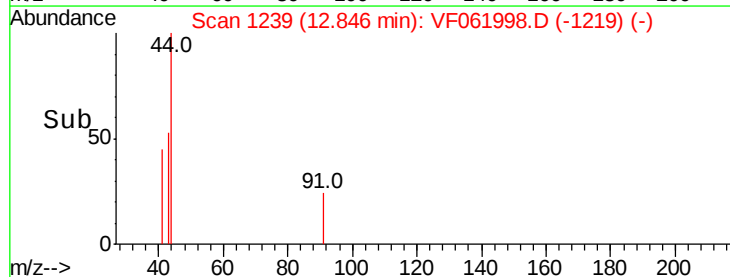
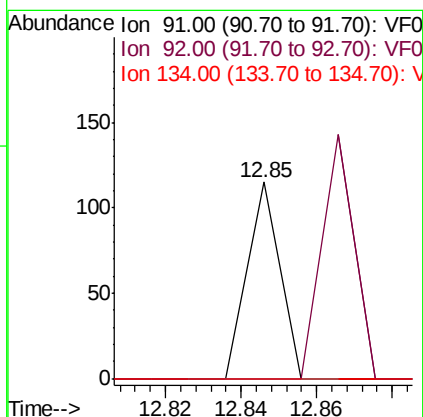
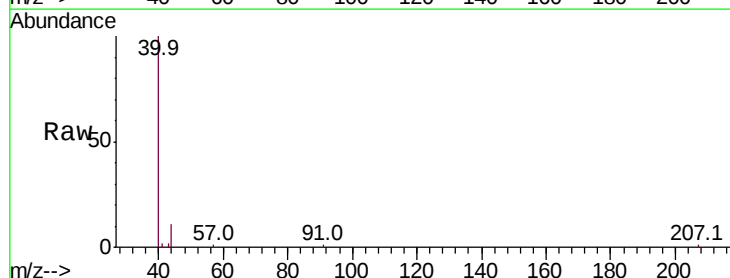
Instrument :
 MSVOA_F
 ClientSampleId :
 S-5RE

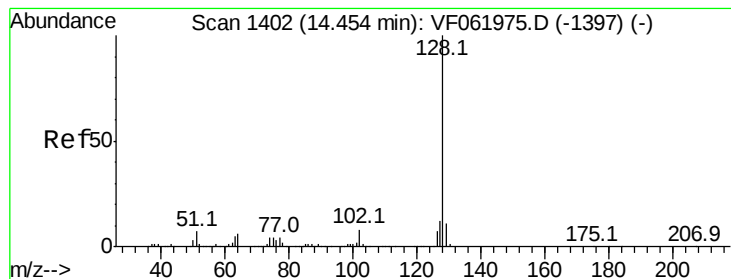
Tot Ion:119 Resp: 65
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.9 41.7#
 91 0.0 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 1.146 ug/l
 RT: 12.85 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VF061998.D
 Acq: 18 Mar 2019 15:34

Tgt Ion: 91 Resp: 68
 Ion Ratio Lower Upper
 91 100
 92 0.0 31.7 95.1#
 134 0.0 15.1 45.3#





#95

Naphthalene

Concen: 2.028 ug/l

RT: 14.45 min Scan# 1402

Delta R.T. -0.00 min

Lab File: VF061998.D

Acq: 18 Mar 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

S-5RE

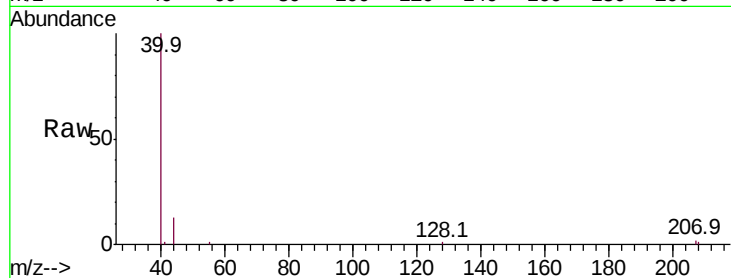
Tot Ion:128 Resp: 71

Ion Ratio Lower Upper

128 100

127 0.0 9.3 13.9#

129 0.0 9.1 13.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

