

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062006.D
 Acq On : 18 Mar 2019 19:23
 Operator : VA/AP
 Sample : K1958-05
 Misc : 7.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 19 01:24:30 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	4.84	168	1451	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	2549	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	2286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	554	53.04	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	106.08%	
35) Dibromofluoromethane	4.10	113	647	37.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.60%	
50) Toluene-d8	7.54	98	2440	48.76	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.40	95	786	39.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	74	4.708	ug/l #	46
5) Bromomethane	1.33	94	324	30.337	ug/l #	3
7) Trichlorofluoromethane	1.30	101	61	3.029	ug/l #	21
8) Diethyl Ether	1.55	74	99	22.111	ug/l #	59
9) 1,1,2-Trichlorotrifluoroet	1.95	101	69	4.862	ug/l #	18
10) Methyl Iodide	2.05	142	60	2.416	ug/l #	1
11) Tert butyl alcohol	2.52	59	60	93.878	ug/l #	71
12) 1,1-Dichloroethene	1.81	96	72	5.879	ug/l #	1
13) Acrolein	1.84	56	403	584.092	ug/l #	85
14) Allyl chloride	2.09	41	308	19.703	ug/l #	17
15) Acrylonitrile	2.96	53	273	140.463	ug/l #	18
16) Acetone	2.23	43	1384	590.081	ug/l #	50
17) Carbon Disulfide	1.86	76	116	3.275	ug/l #	76
18) Methyl Acetate	2.45	43	1090	227.159	ug/l #	63
19) Methyl tert-butyl Ether	2.44	73	153	6.895	ug/l #	1
20) Methylene Chloride	2.17	84	97	8.033	ug/l #	3
21) trans-1,2-Dichloroethene	2.30	96	479	37.480	ug/l #	1
22) Diisopropyl ether	2.76	45	300	7.978	ug/l #	44
23) Vinyl Acetate	3.16	43	386	26.041	ug/l #	77
24) 1,1-Dichloroethane	2.88	63	170	7.775	ug/l #	86
25) 2-Butanone	4.32	43	371	79.870	ug/l #	51
26) 2,2-Dichloropropane	3.65	77	70	6.788	ug/l #	54
27) cis-1,2-Dichloroethene	3.39	96	60	3.725	ug/l #	1
29) Tetrahydrofuran	4.06	42	311	153.952	ug/l #	33
31) Cyclohexane	3.74	56	97	4.528	ug/l #	16
36) 1,1-Dichloropropene	4.12	75	167	7.255	ug/l #	42
37) Ethyl Acetate	4.11	43	177	17.125	ug/l #	19
41) Methacrylonitrile	4.72	41	68	12.314	ug/l #	22
43) Isopropyl Acetate	6.99	43	72	5.888	ug/l #	38
48) Methyl methacrylate	6.71	41	71	8.984	ug/l #	20
51) 4-Methyl-2-Pentanone	8.24	43	66	7.600	ug/l #	36
55) 1,1,2-Trichloroethane	8.38	97	59	5.672	ug/l #	14
59) 2-Hexanone	9.49	43	62	9.866	ug/l #	23
74) N-amyl acetate	11.37	43	67	5.187	ug/l #	43

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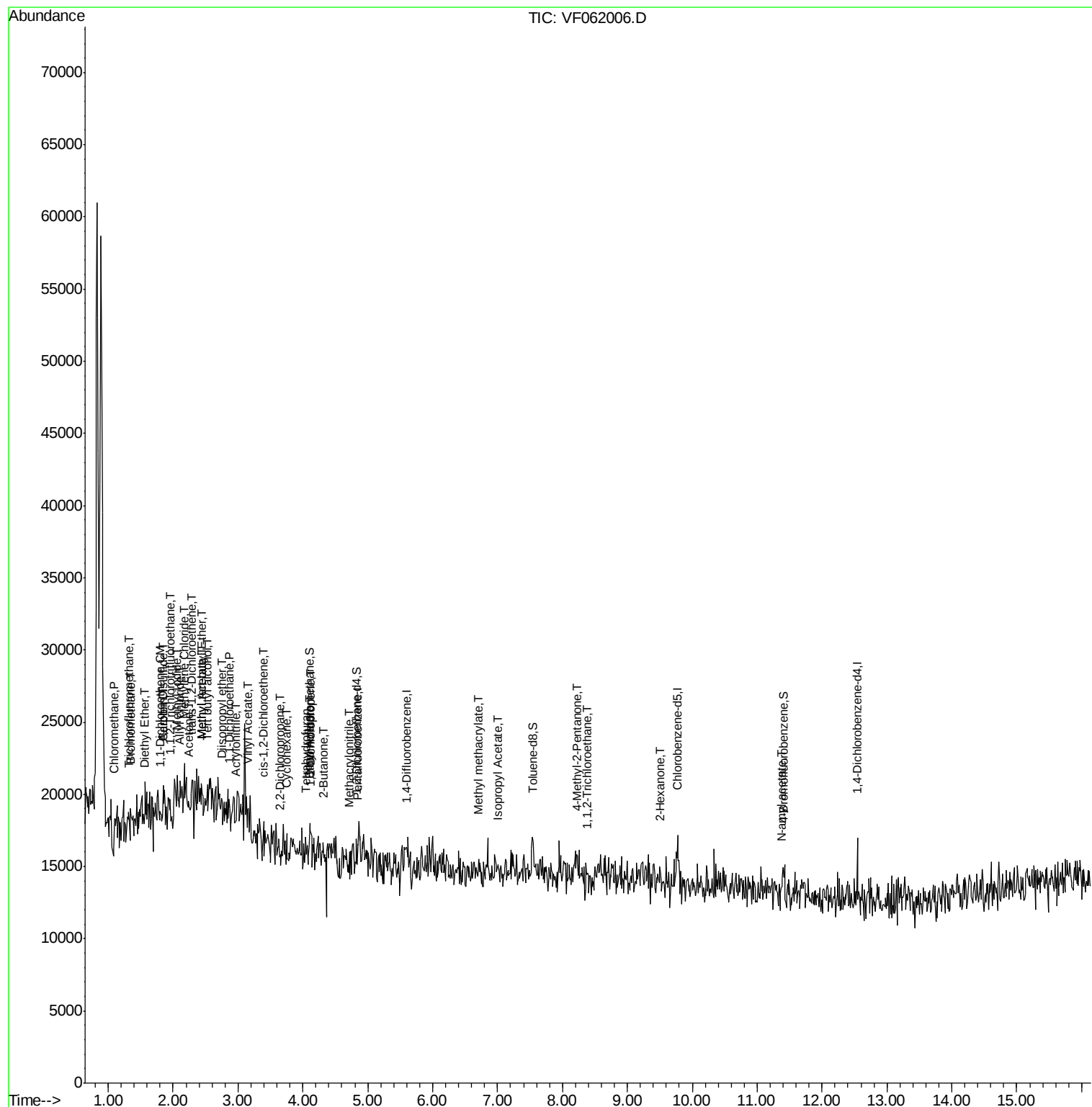
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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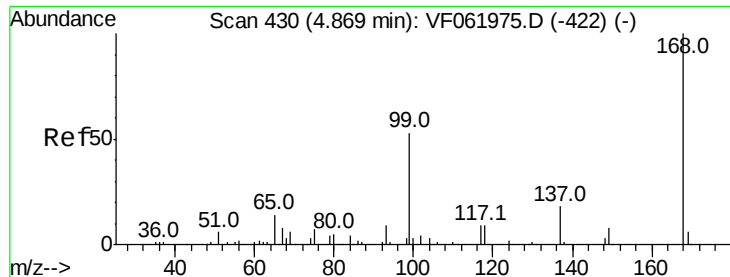
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

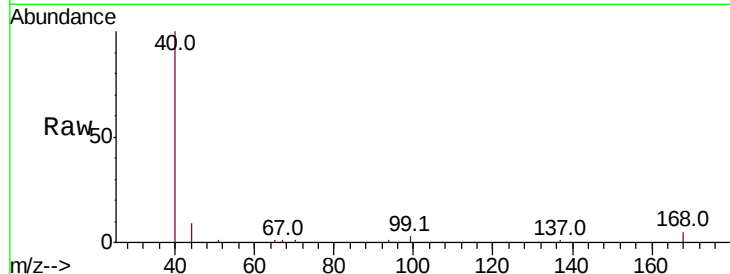
Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tot Ion:168 Resp: 1451

Ion Ratio Lower Upper

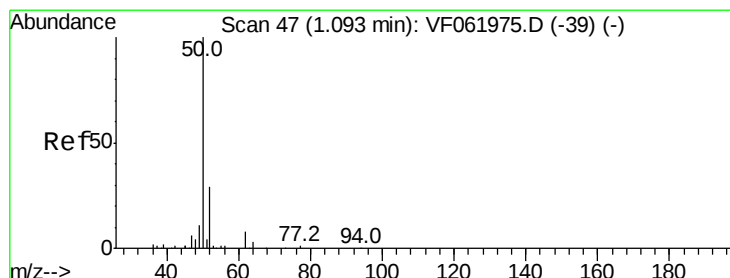
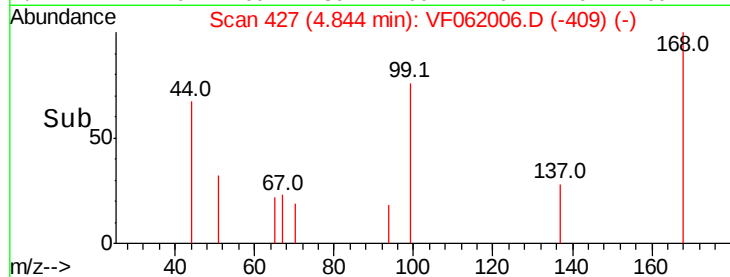
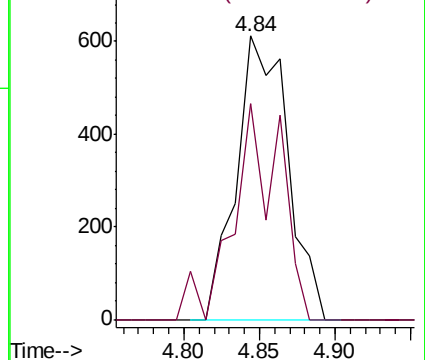
168 100

99 76.3 42.4 63.6#



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: 4.708 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.01 min

Lab File: VF062006.D

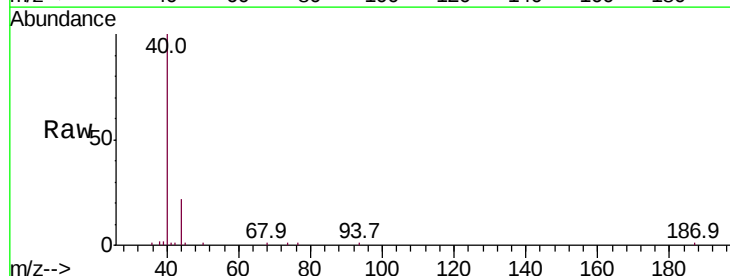
Acq: 18 Mar 2019 19:23

Tgt Ion: 50 Resp: 74

Ion Ratio Lower Upper

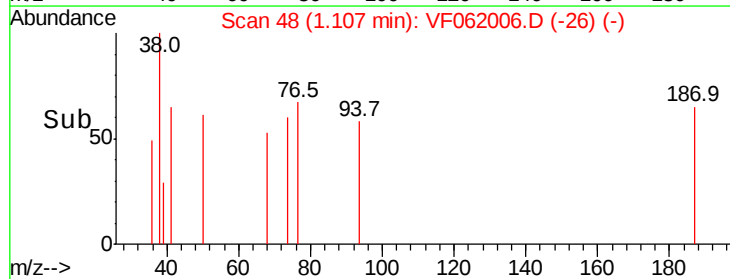
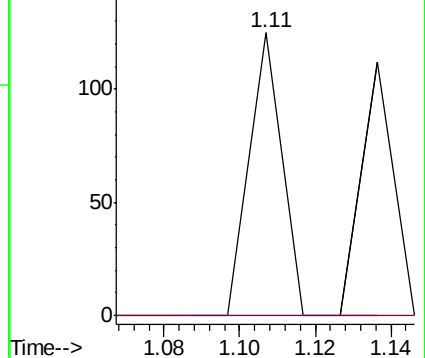
50 100

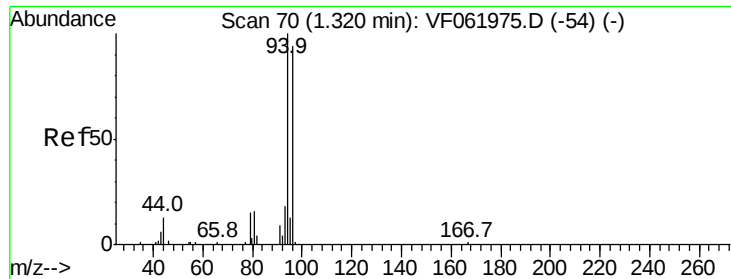
52 0.0 22.6 34.0#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#5

Bromomethane

Concen: 30.337 ug/l

RT: 1.33 min Scan# 71

Delta R.T. 0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampleId :

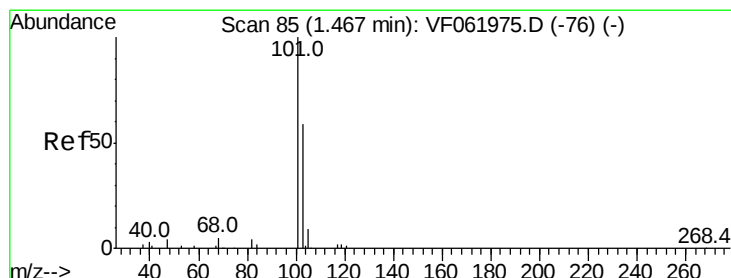
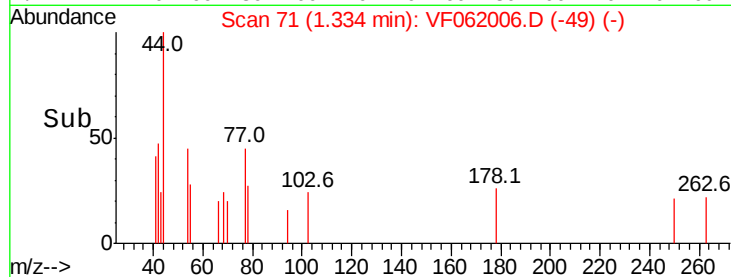
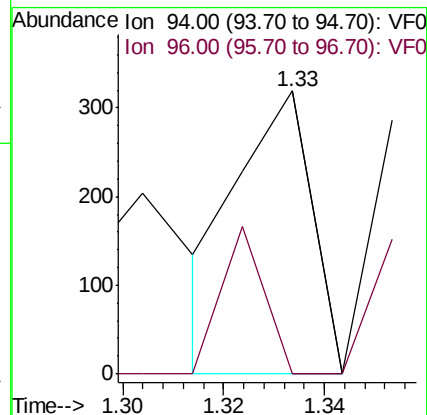
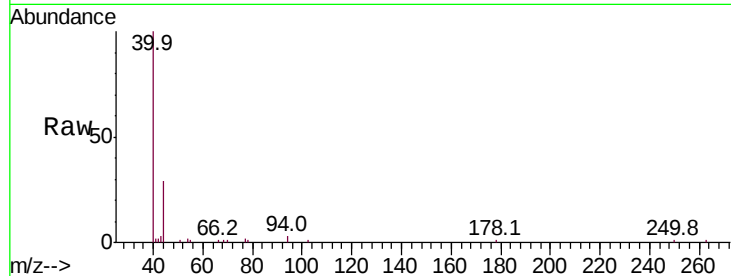
TP-3

Tot Ion: 94 Resp: 324

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.6#



#7

Trichlorofluoromethane

Concen: 3.029 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.16 min

Lab File: VF062006.D

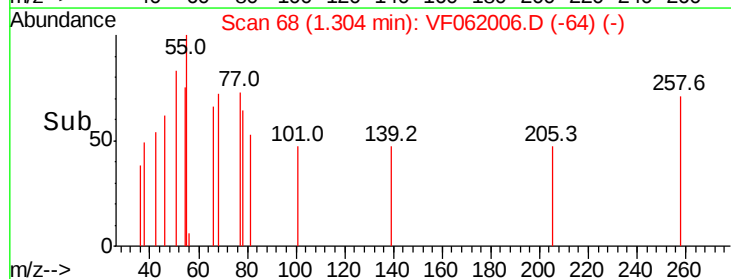
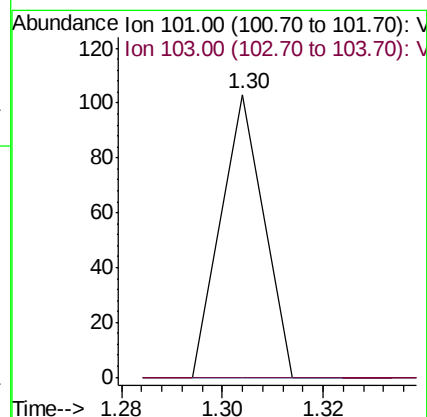
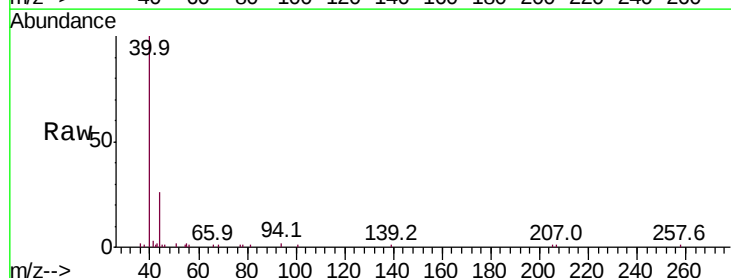
Acq: 18 Mar 2019 19:23

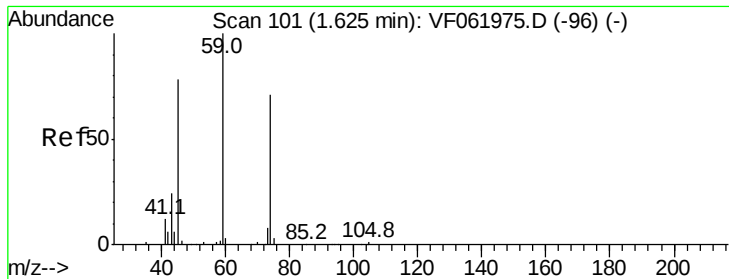
Tgt Ion:101 Resp: 61

Ion Ratio Lower Upper

101 100

103 0.0 47.3 70.9#





#8

Diethyl Ether

Concen: 22.111 ug/l

RT: 1.55 min Scan# 93

Delta R.T. -0.07 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

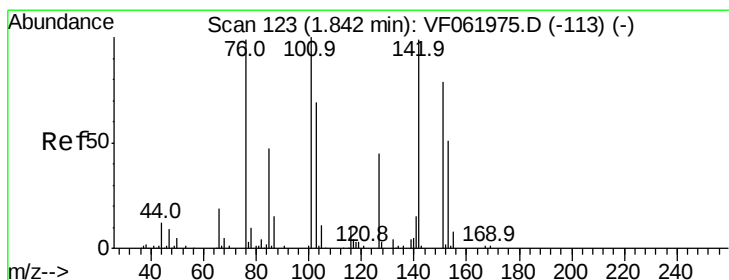
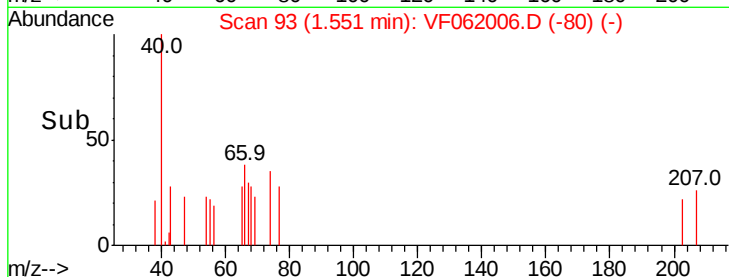
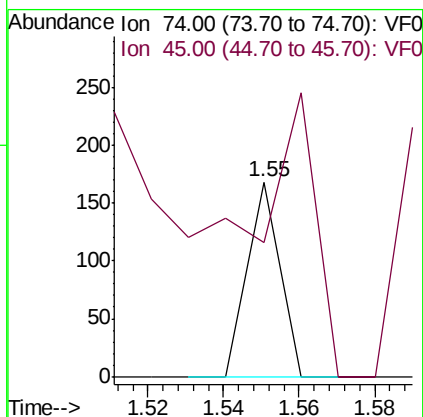
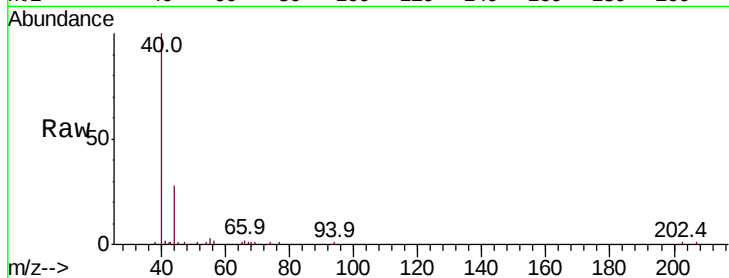
Instrument :
MSVOA_F
ClientSampled :
TP-3

Tot Ion: 74 Resp: 99

Ion Ratio Lower Upper

74 100

45 69.0 56.3 168.8



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.862 ug/l

RT: 1.95 min Scan# 134

Delta R.T. 0.11 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

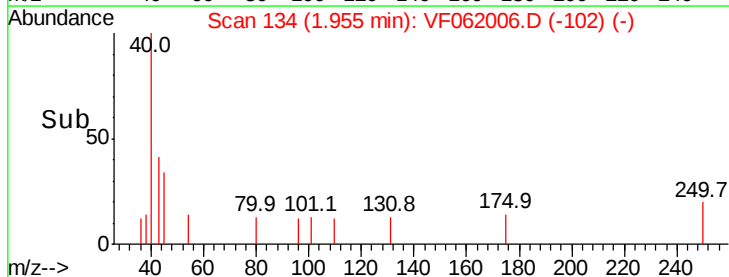
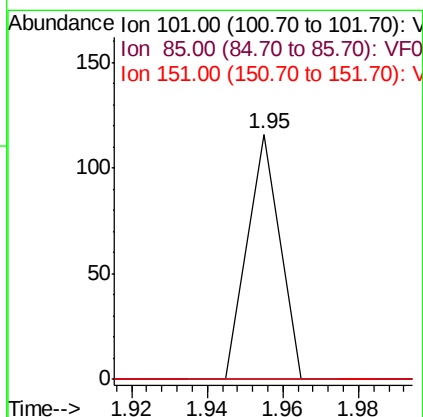
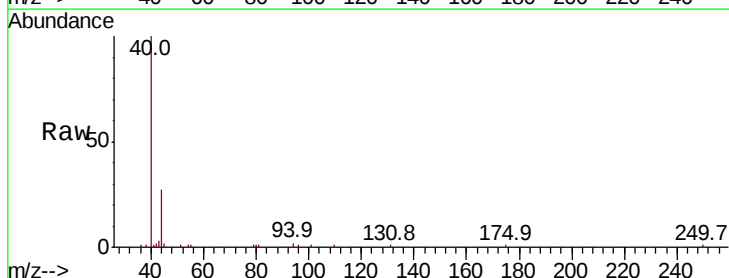
Tgt Ion: 101 Resp: 69

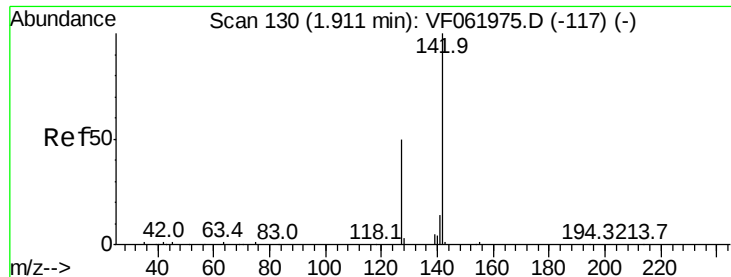
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 62.2 93.2#





#10

Methyl Iodide

Concen: 2.416 ug/l

RT: 2.05 min Scan# 144

Delta R.T. 0.14 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampled :

TP-3

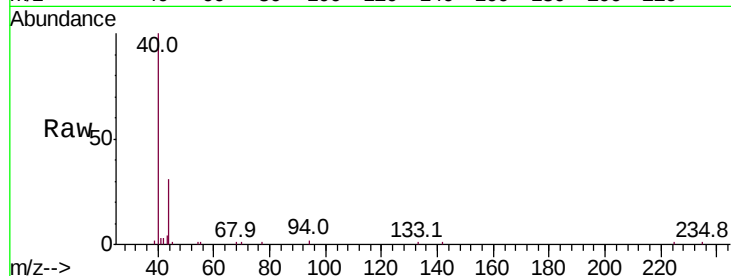
Tot Ion:142 Resp: 60

Ion Ratio Lower Upper

142 100

127 0.0 39.7 59.5#

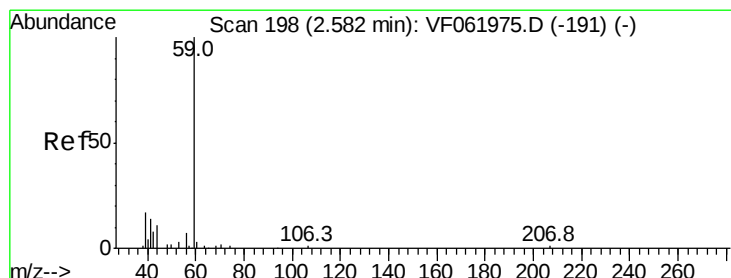
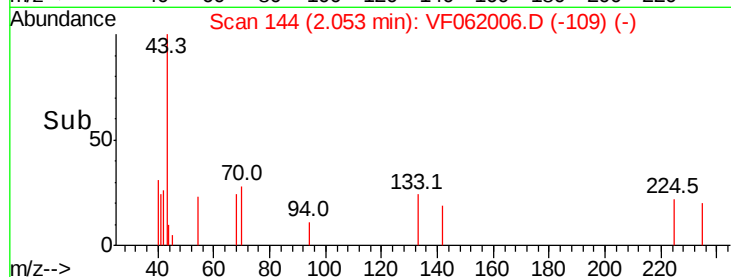
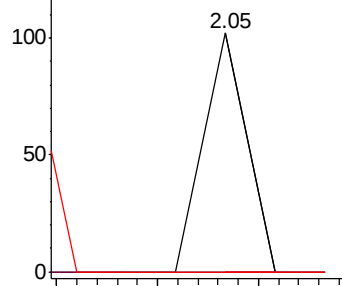
141 100.0 10.8 16.2#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#11

Tert butyl alcohol

Concen: 93.878 ug/l

RT: 2.52 min Scan# 191

Delta R.T. -0.06 min

Lab File: VF062006.D

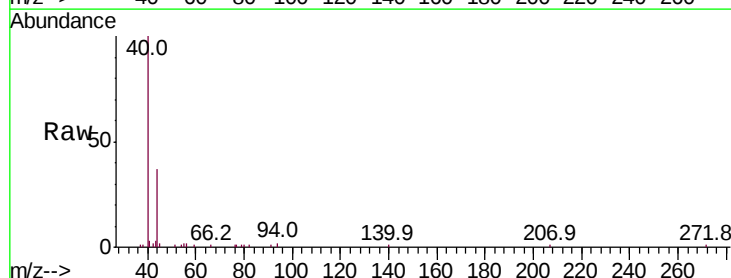
Acq: 18 Mar 2019 19:23

Tgt Ion: 59 Resp: 60

Ion Ratio Lower Upper

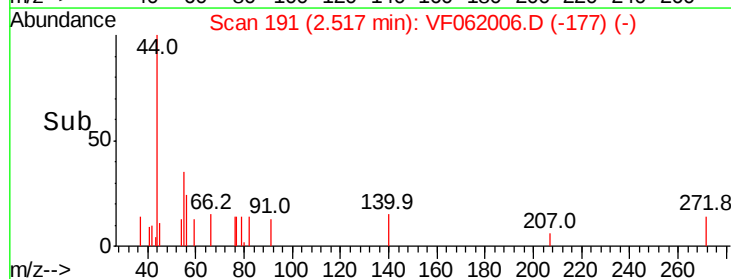
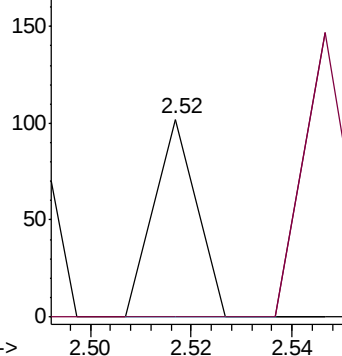
59 100

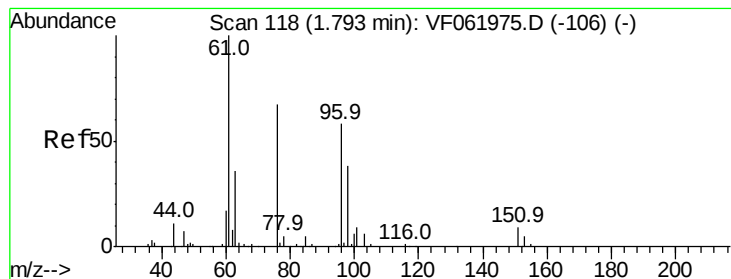
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 5.879 ug/l

RT: 1.81 min Scan# 119

Delta R.T. 0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampled :

TP-3

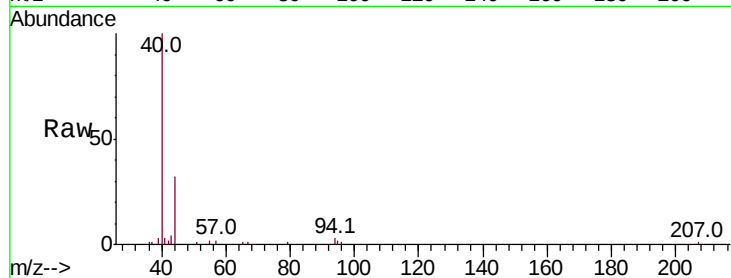
Tot Ion: 96 Resp: 72

Ion Ratio Lower Upper

96 100

61 0.0 138.6 208.0#

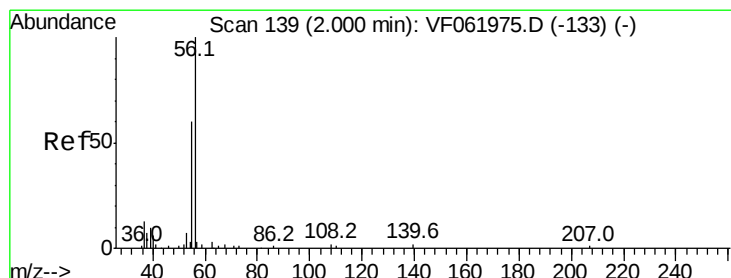
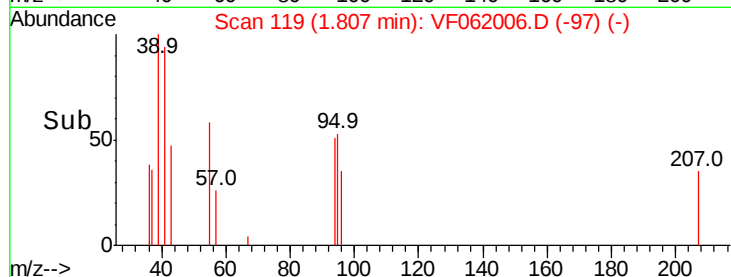
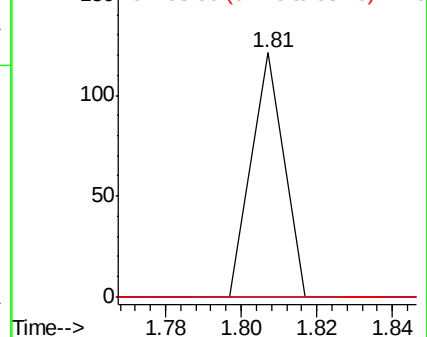
98 0.0 53.2 79.8#



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



#13

Acrolein

Concen: 584.092 ug/l

RT: 1.84 min Scan# 122

Delta R.T. -0.16 min

Lab File: VF062006.D

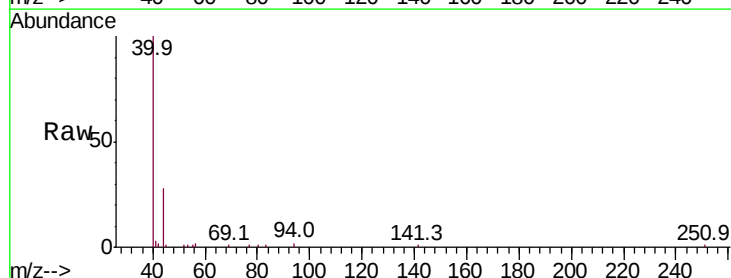
Acq: 18 Mar 2019 19:23

Tgt Ion: 56 Resp: 403

Ion Ratio Lower Upper

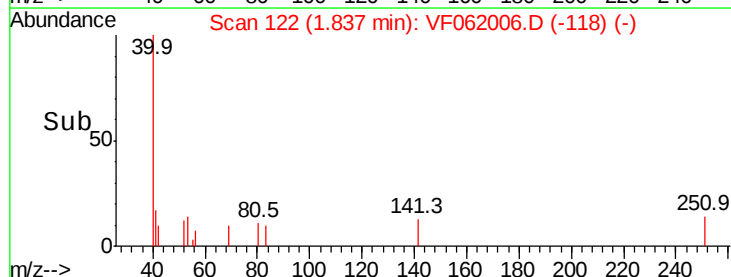
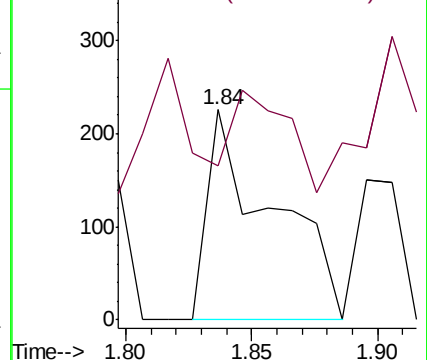
56 100

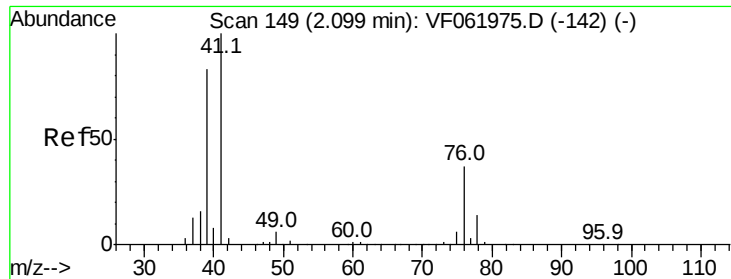
55 73.0 49.1 73.7



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#14

Allvl chloride

Concen: 19.703 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.01 min

Lab File: VF062006.D

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TP-3

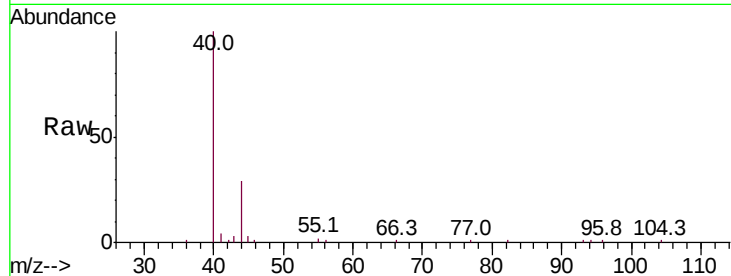
Tot Ion: 41 Resp: 308

Ion Ratio Lower Upper

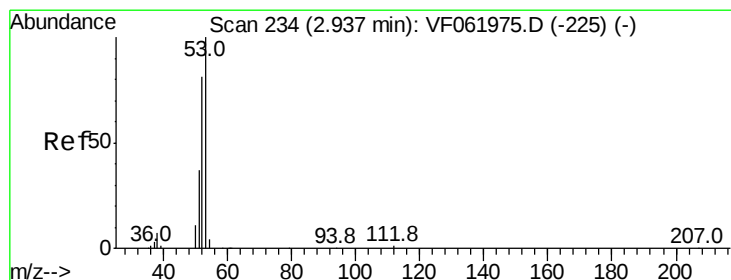
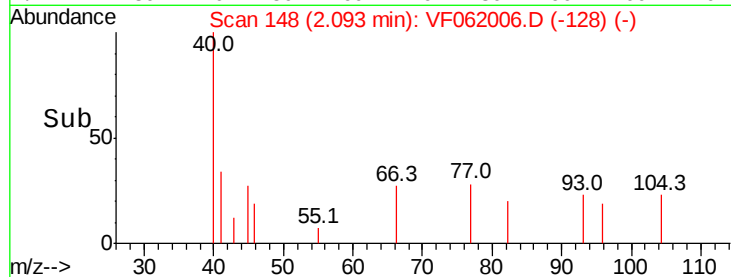
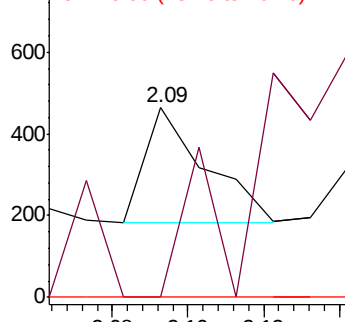
41 100

39 0.0 66.8 100.2#

76 0.0 31.1 46.7#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 76.00 (75.70 to 76.70): VF0



#15

Acrylonitrile

Concen: 140.463 ug/l

RT: 2.96 min Scan# 236

Delta R.T. 0.02 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

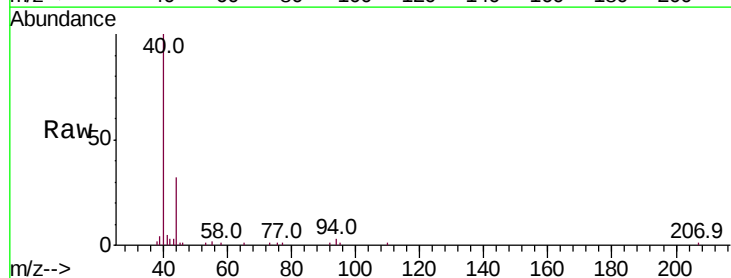
Tgt Ion: 53 Resp: 273

Ion Ratio Lower Upper

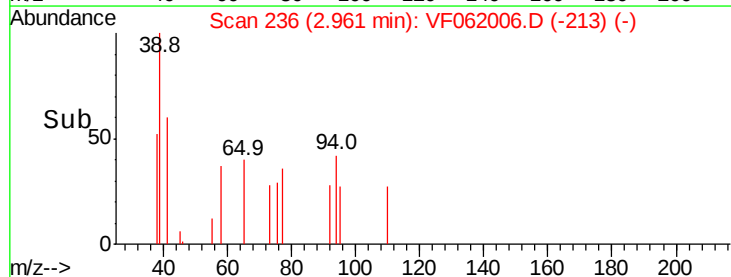
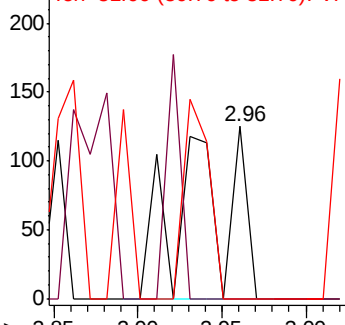
53 100

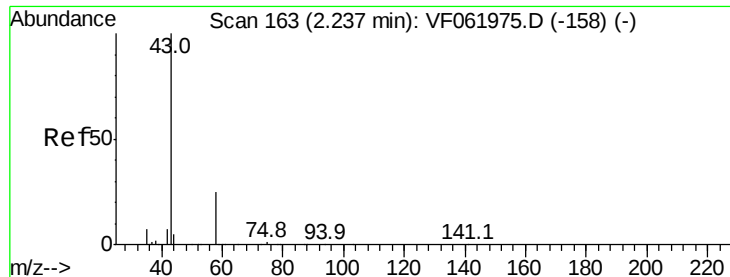
52 0.0 64.4 96.6#

51 0.0 30.3 45.5#



Abundance Ion 53.00 (52.70 to 53.70): VF0
Ion 52.00 (51.70 to 52.70): VF0
Ion 51.00 (50.70 to 51.70): VF0





#16

Acetone

Concen: 590.081 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampleId :

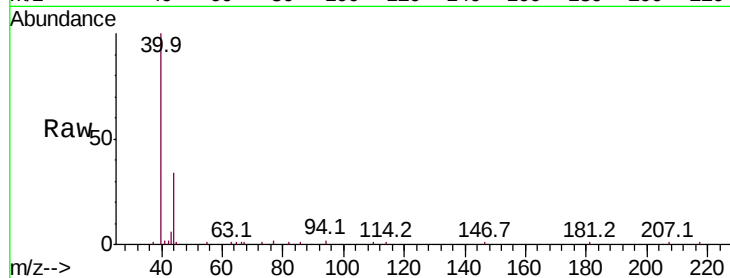
TP-3

Tot Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

800

600

400

200

0

2.15 2.20 2.25

2.23

2.23

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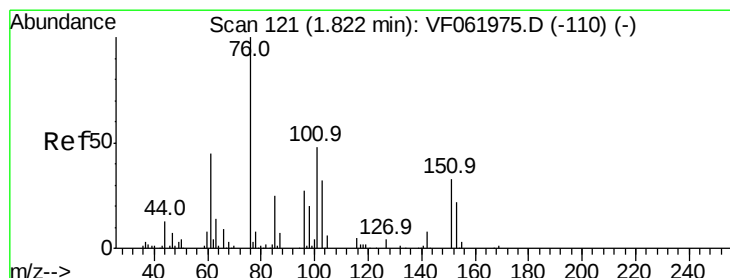
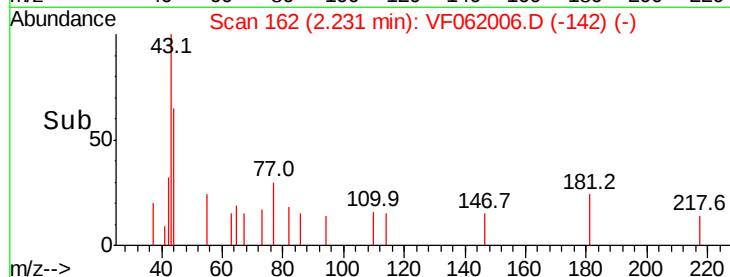
2.23

2.23

2.23

2.23

2.23



#17

Carbon Disulfide

Concen: 3.275 ug/l

RT: 1.86 min Scan# 124

Delta R.T. 0.03 min

Lab File: VF062006.D

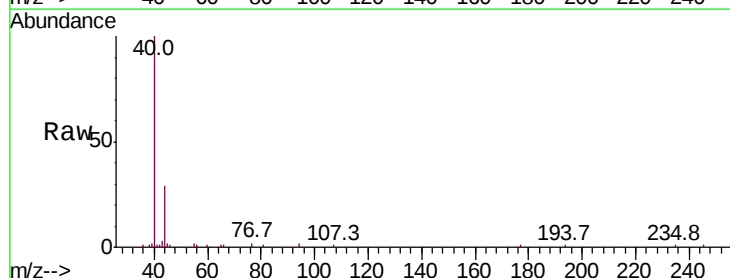
Acq: 18 Mar 2019 19:23

Tgt Ion: 76 Resp: 116

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

200

150

100

50

0

1.82 1.84 1.86 1.88

1.86

1.86

1.86

1.86

1.86

1.86

1.86

1.86

1.86

1.86

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1.86

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1.86

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1.86

1.86

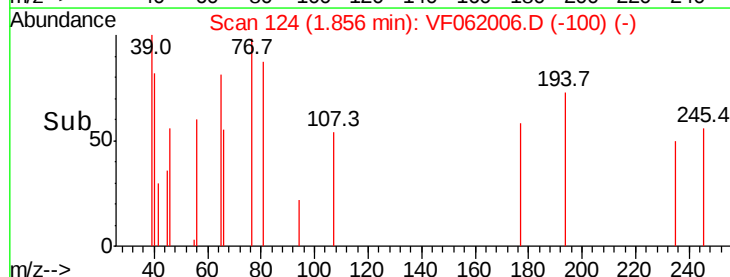
1.86

1.86

1.86

1.86

1.86



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

200

150

100

50

0

1.82 1.84 1.86 1.88

1.86

1.86

1.86

1.86

1.86

1.86

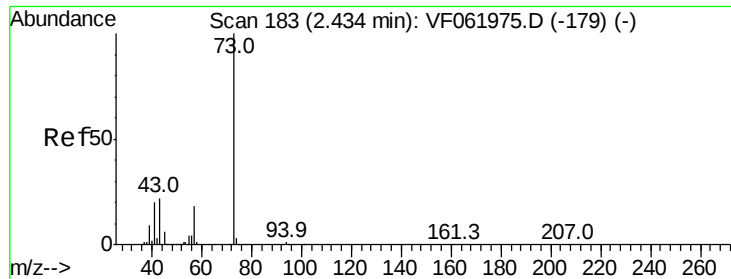
1.86

1.86

1.86

1.86

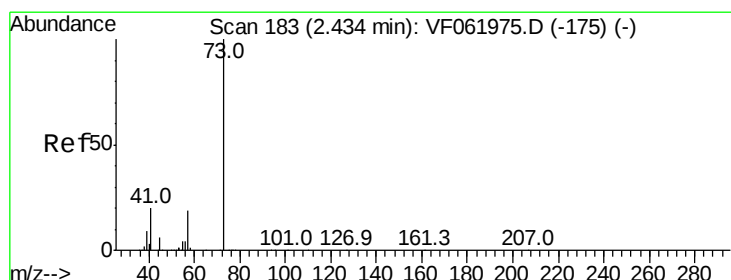
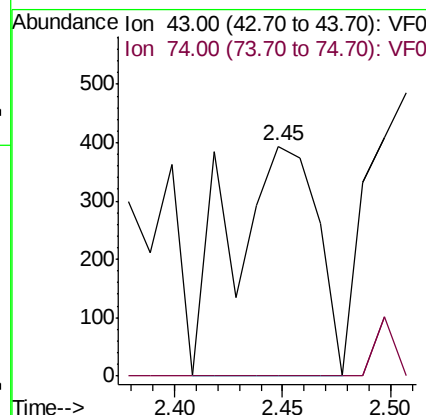
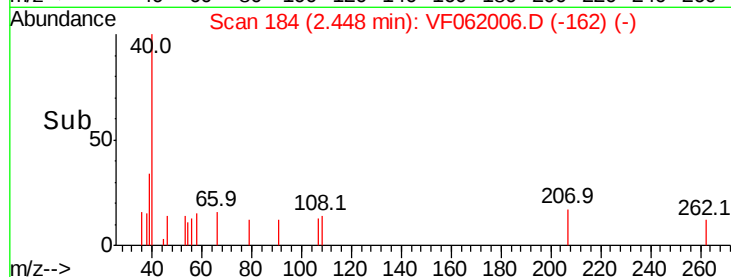
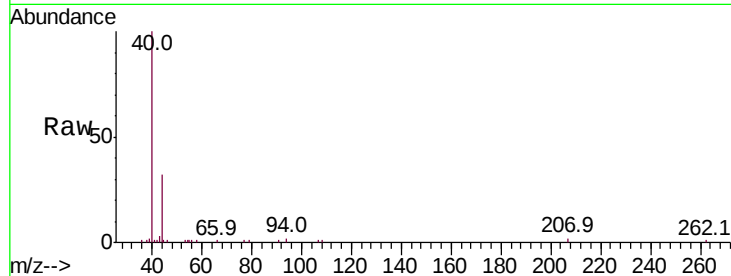
1.86



#18
Methyl Acetate
Concen: 227.159 ug/l
RT: 2.45 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062006.D
Acq: 18 Mar 2019 19:23

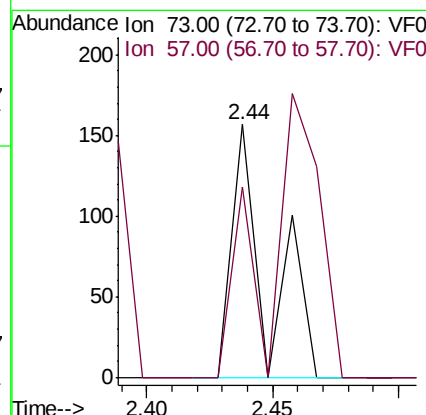
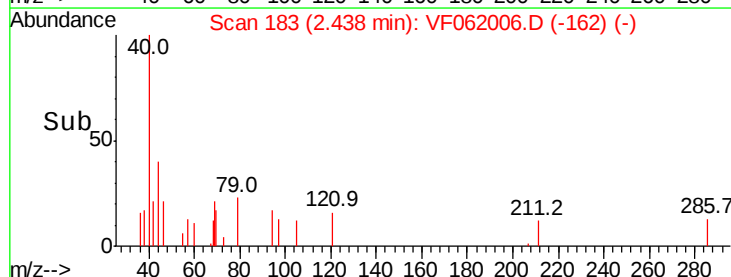
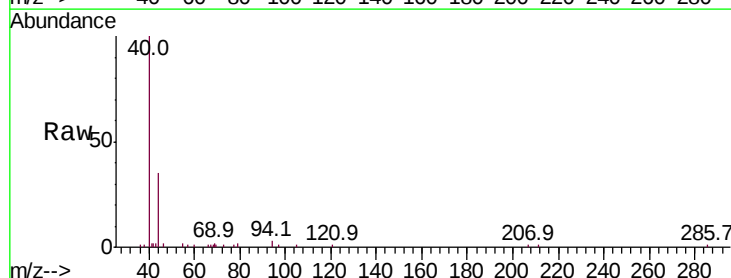
Instrument :
MSVOA_F
ClientSampled :
TP-3

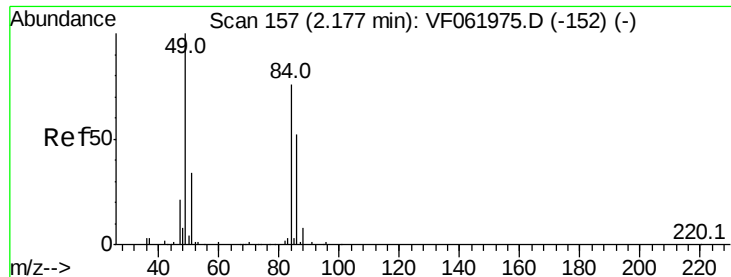
Tot Ion: 43 Resp: 1090
Ion Ratio Lower Upper
43 100
74 0.0 12.6 18.8#



#19
Methyl tert-butyl Ether
Concen: 6.895 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062006.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 73 Resp: 153
Ion Ratio Lower Upper
73 100
57 75.2 15.3 22.9#





#20

Methylene Chloride

Concen: 8.033 ug/l

RT: 2.17 min Scan# 156

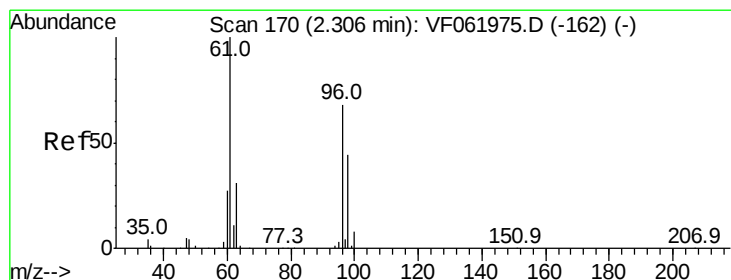
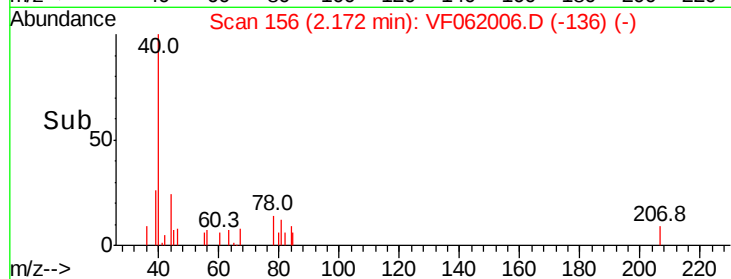
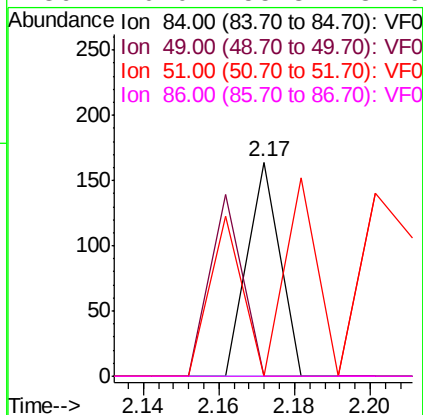
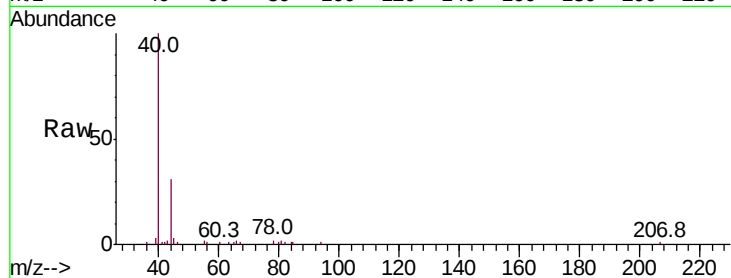
Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :
MSVOA_F
ClientSampled :
TP-3

Tot Ion:	84	Resp:	97
Ion	Ratio	Lower	Upper
84	100		
49	0.0	107.0	160.6#
51	0.0	37.2	55.8#
86	0.0	55.3	82.9#



#21

trans-1,2-Dichloroethene

Concen: 37.480 ug/l

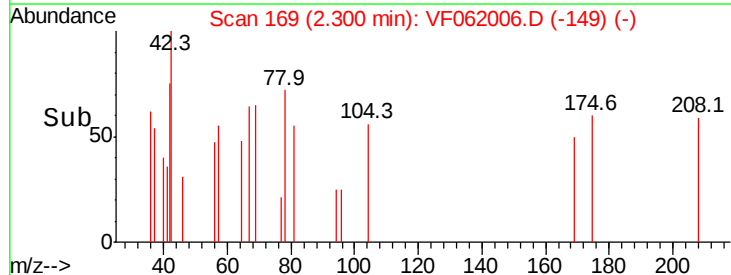
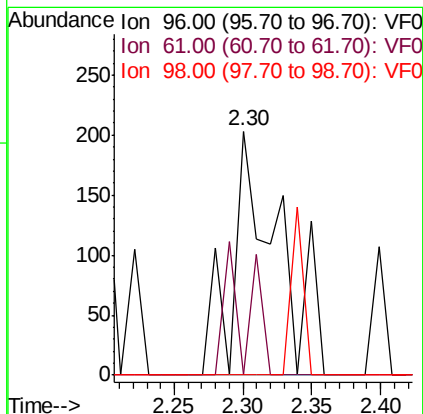
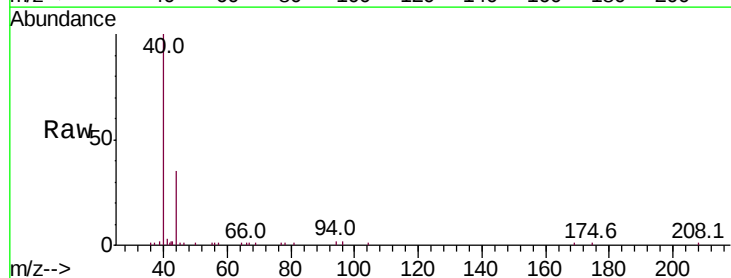
RT: 2.30 min Scan# 169

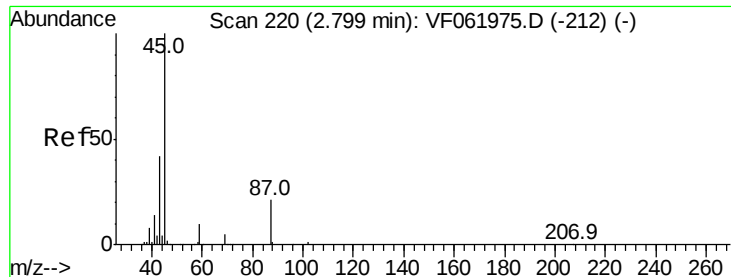
Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Tgt Ion:	96	Resp:	479
Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.4	176.2#
98	0.0	51.2	76.8#





#22

Diisopropyl ether

Concen: 7.978 ug/l

RT: 2.76 min Scan# 216

Delta R.T. -0.04 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampleID :

TP-3

Tot Ion: 45 Resp: 300

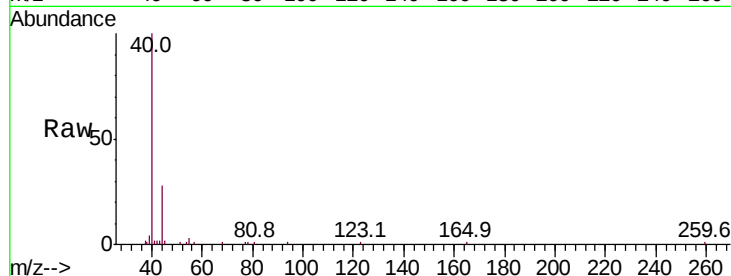
Ion Ratio Lower Upper

45 100

43 85.3 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

600

400

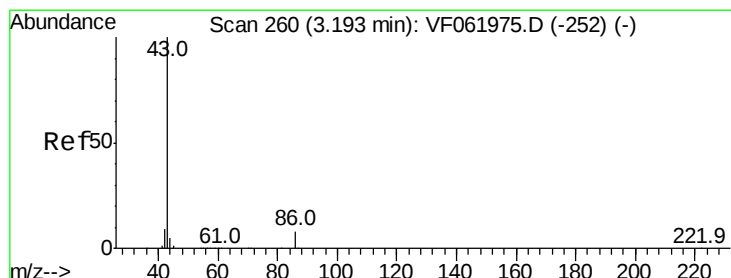
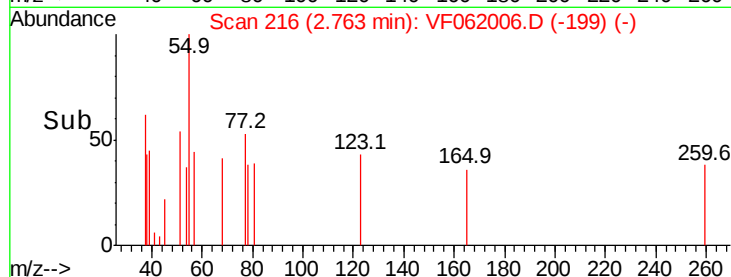
200

0

2.75

2.80

Time-->



#23

Vinyl Acetate

Concen: 26.041 ug/l

RT: 3.16 min Scan# 256

Delta R.T. -0.04 min

Lab File: VF062006.D

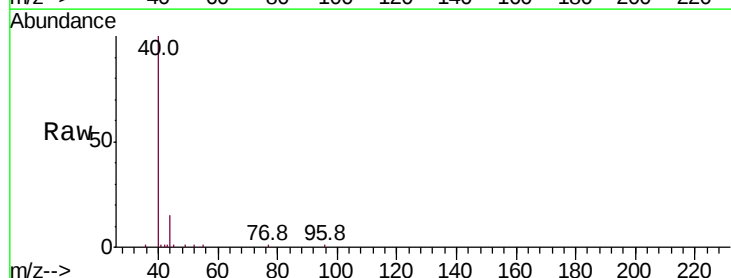
Acq: 18 Mar 2019 19:23

Tgt Ion: 43 Resp: 386

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

250

200

150

100

50

0

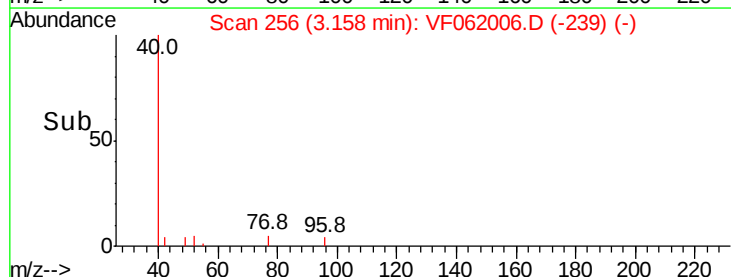
3.12

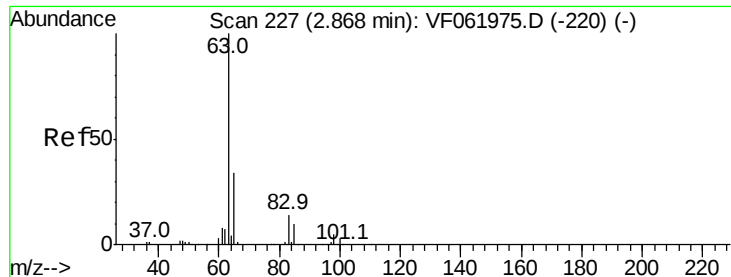
3.14

3.16

3.18

Time-->





#24

1,1-Dichloroethane

Concen: 7.775 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampleId :

TP-3

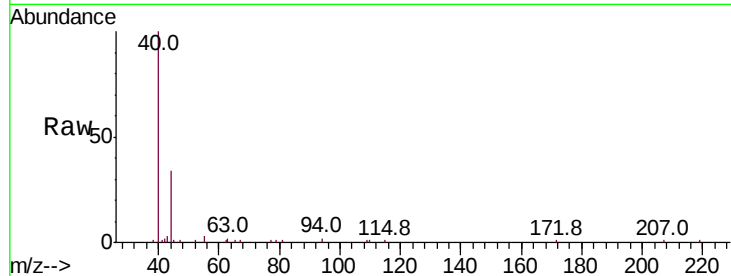
Tot Ion: 63 Resp: 170

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

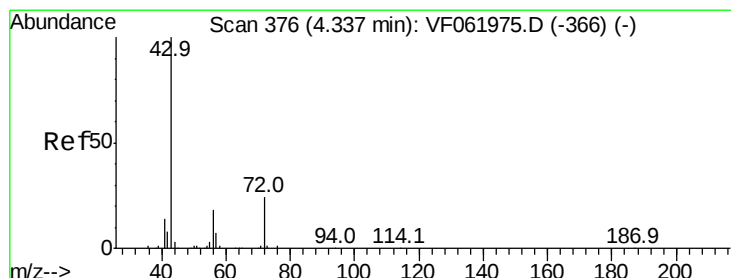
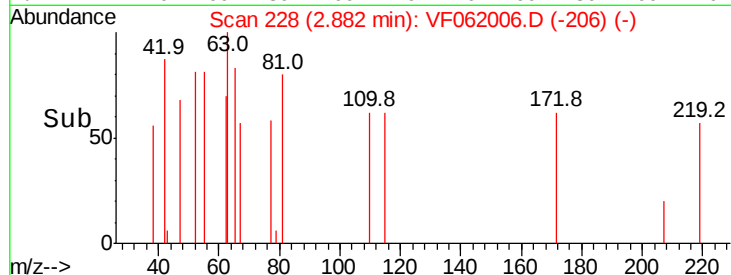
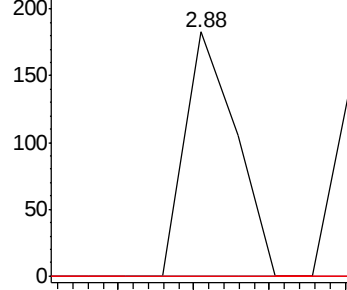
100 0.0 1.7 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#25

2-Butanone

Concen: 79.870 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.02 min

Lab File: VF062006.D

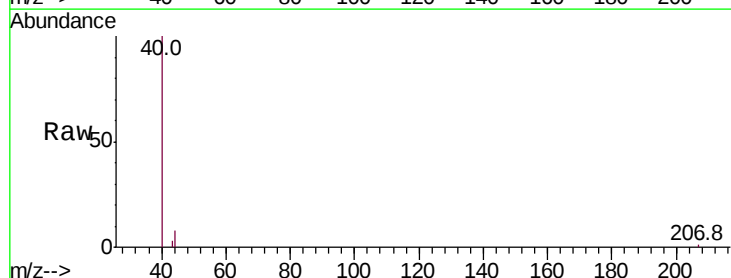
Acq: 18 Mar 2019 19:23

Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

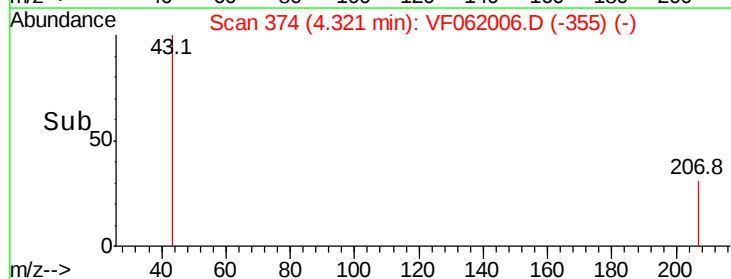
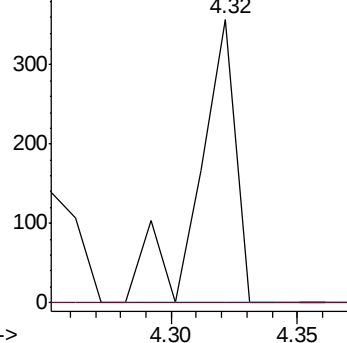
43 100

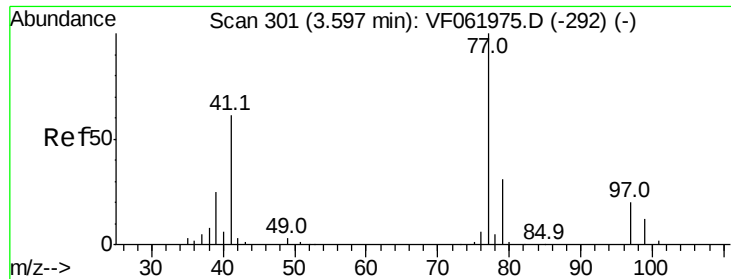
72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 6.788 ug/l

RT: 3.65 min Scan# 306

Delta R.T. 0.05 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampled :

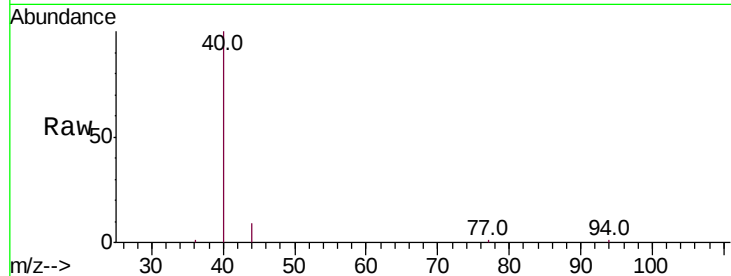
TP-3

Tot Ion: 77 Resp: 70

Ion Ratio Lower Upper

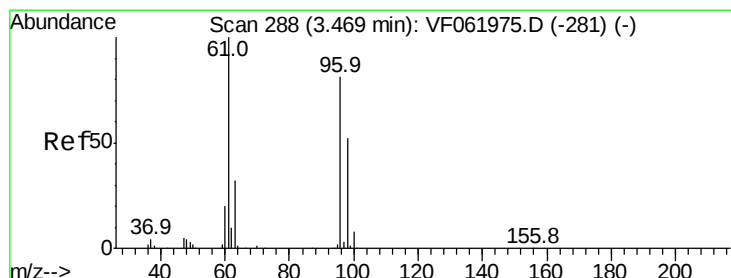
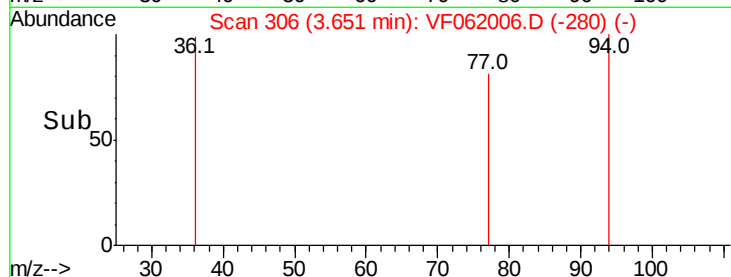
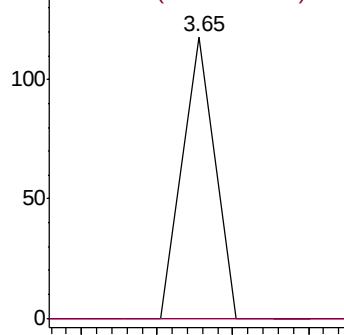
77 100

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



#27

cis-1,2-Dichloroethene

Concen: 3.725 ug/l

RT: 3.39 min Scan# 280

Delta R.T. -0.07 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

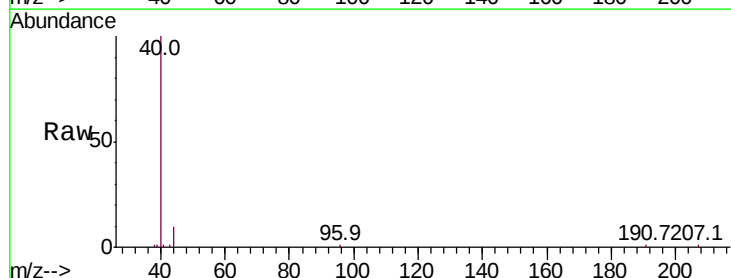
Tgt Ion: 96 Resp: 60

Ion Ratio Lower Upper

96 100

61 0.0 0.0 246.6

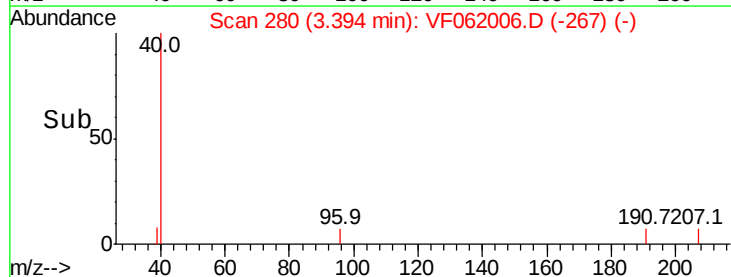
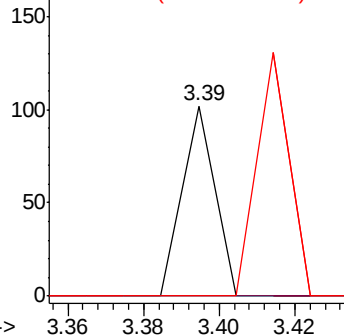
98 0.0 0.0 129.2

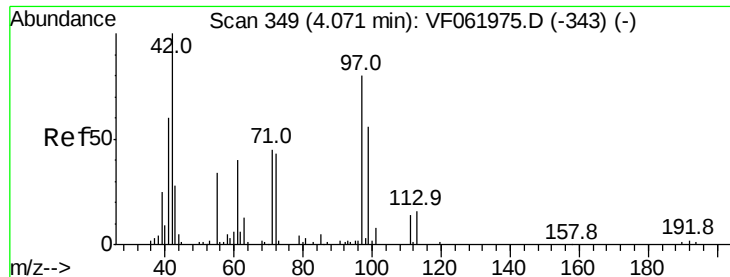


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#29

Tetrahydrofuran

Concen: 153.952 ug/l

RT: 4.06 min Scan# 347

Delta R.T. -0.02 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampleId :

TP-3

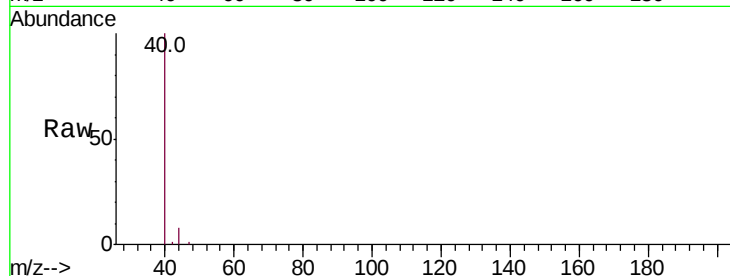
Tot Ion: 42 Resp: 311

Ion Ratio Lower Upper

42 100

72 0.0 34.0 51.0#

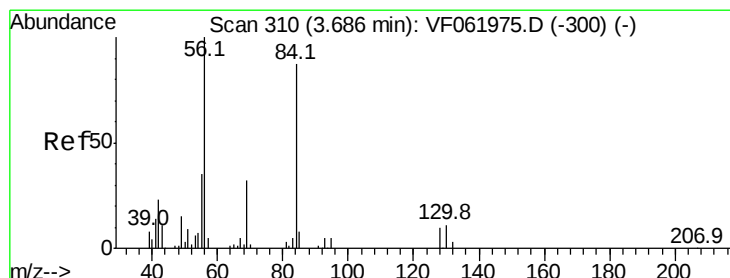
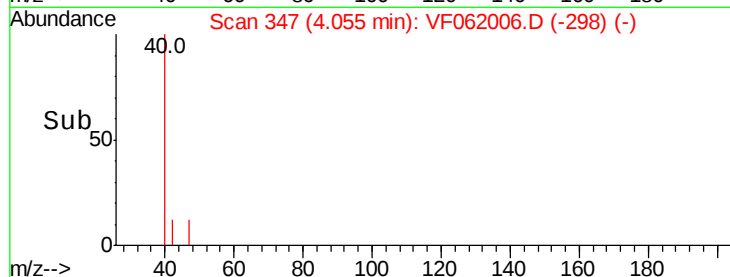
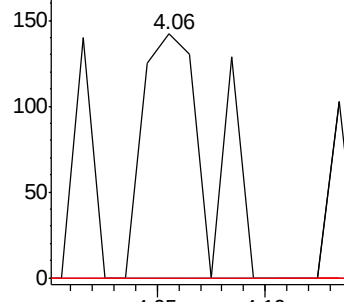
71 0.0 34.2 51.4#



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



#31

Cyclohexane

Concen: 4.528 ug/l

RT: 3.74 min Scan# 315

Delta R.T. 0.05 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

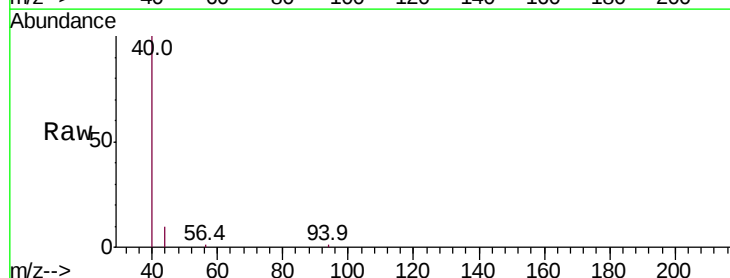
Tgt Ion: 56 Resp: 97

Ion Ratio Lower Upper

56 100

69 0.0 25.8 38.8#

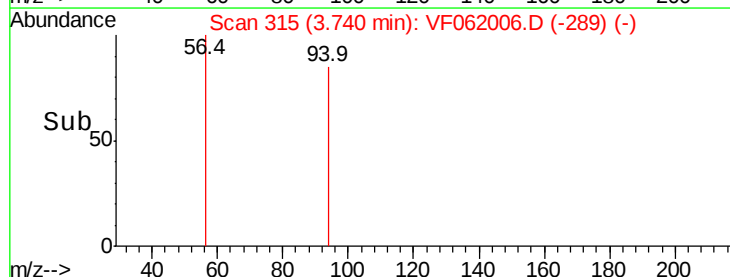
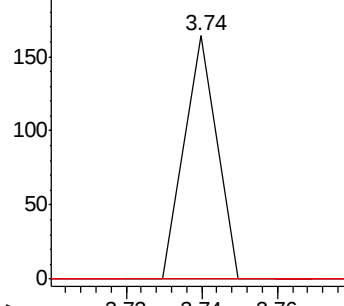
84 0.0 69.5 104.3#

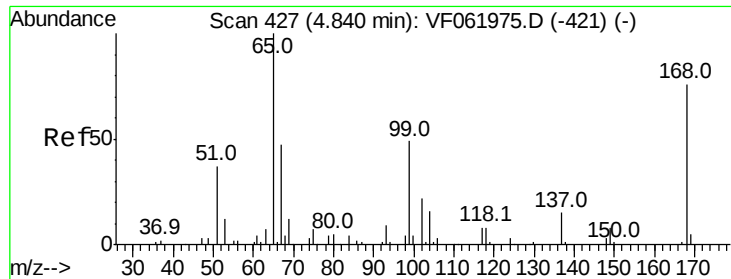


Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 53.040 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampled :

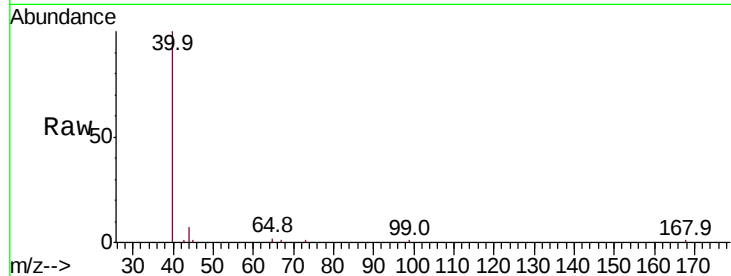
TP-3

Tot Ion: 65 Resp: 554

Ion Ratio Lower Upper

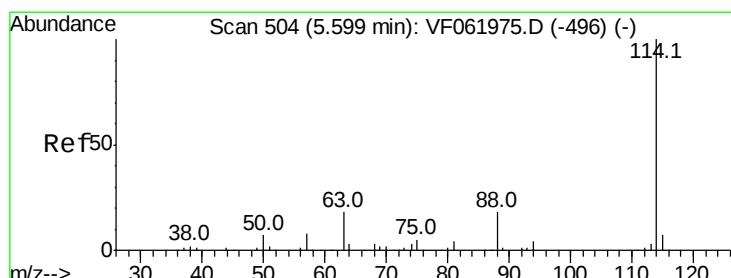
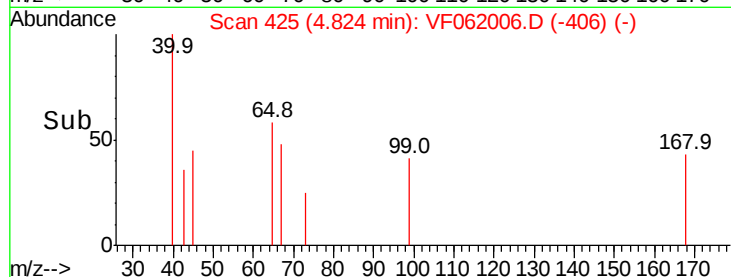
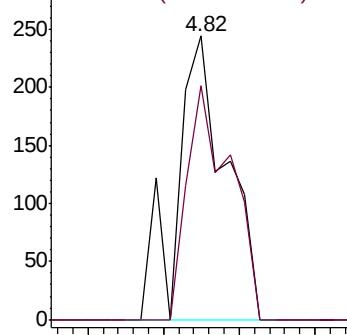
65 100

67 82.4 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: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

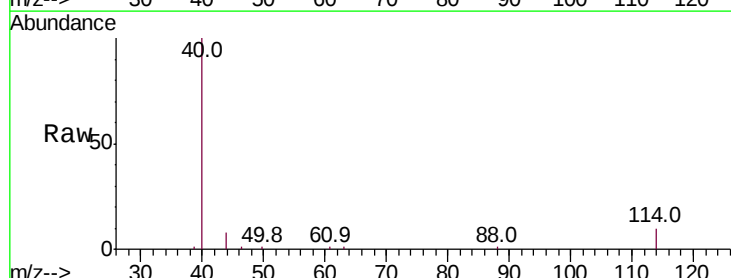
Tgt Ion:114 Resp: 2549

Ion Ratio Lower Upper

114 100

63 13.6 0.0 36.4

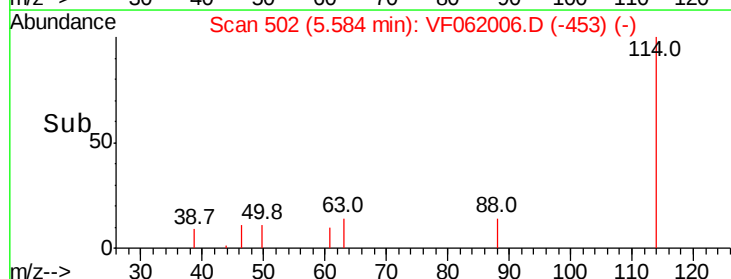
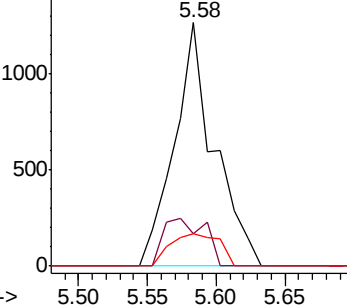
88 13.6 0.0 36.4

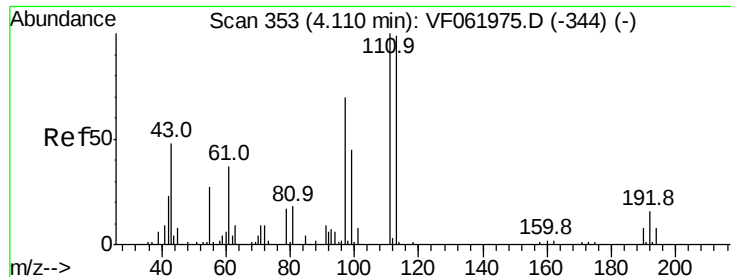


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 37.799 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampled :

TP-3

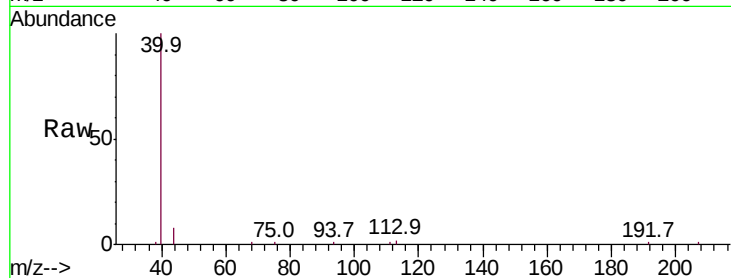
Tot Ion:113 Resp: 647

Ion Ratio Lower Upper

113 100

111 54.6 80.8 121.2#

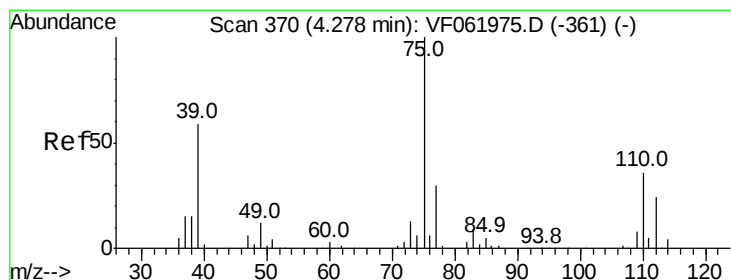
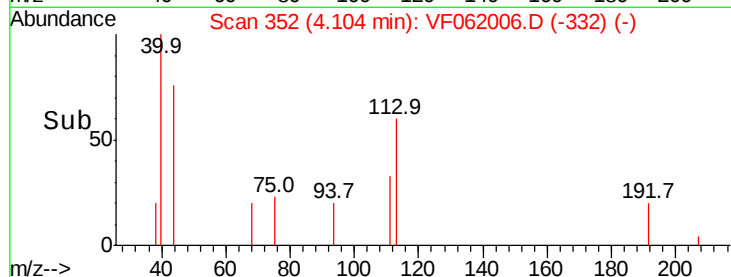
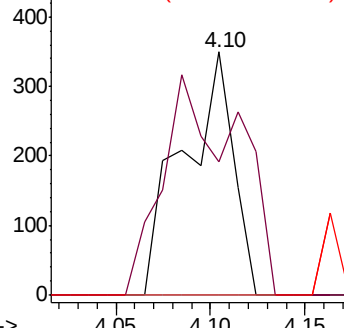
192 0.0 13.0 19.6#



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



#36

1,1-Dichloropropene

Concen: 7.255 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.15 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

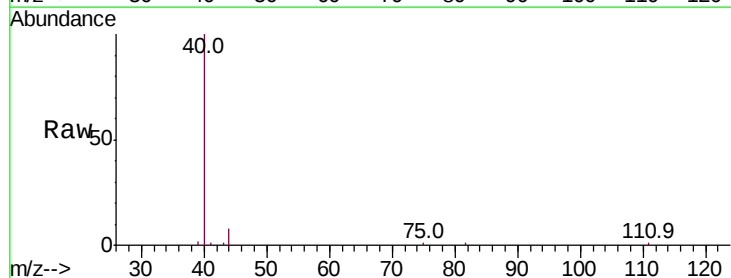
Tgt Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

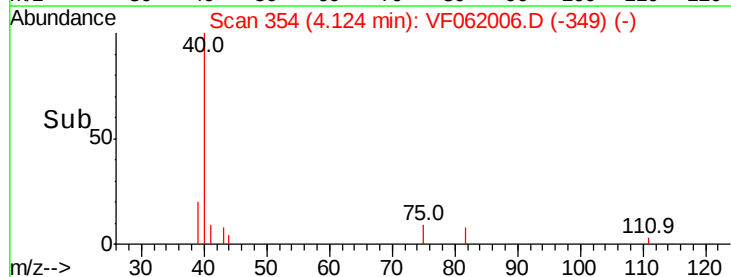
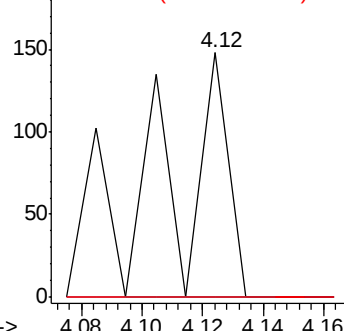
77 0.0 24.2 36.2#

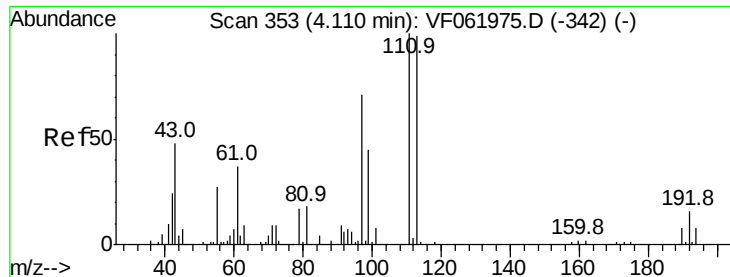


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 17.125 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampleId :

TP-3

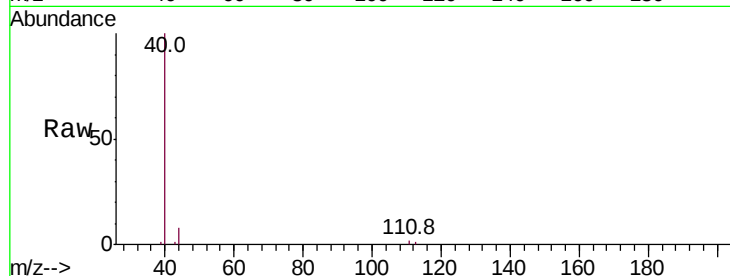
Tot Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

61 0.0 59.8 89.6#

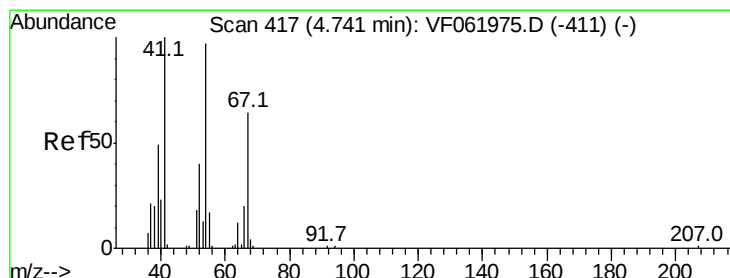
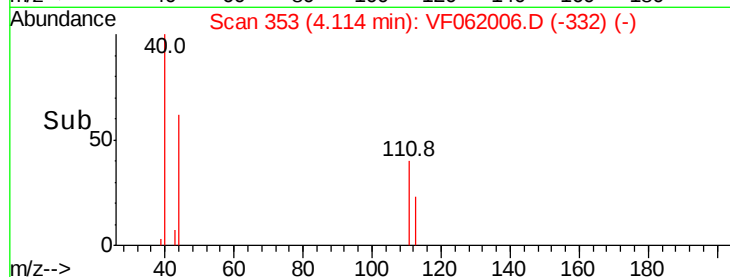
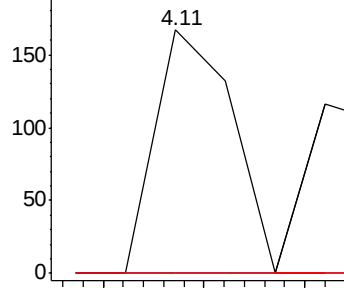
70 0.0 7.8 11.8#



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: 12.314 ug/l

RT: 4.72 min Scan# 414

Delta R.T. -0.03 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Tgt Ion: 41 Resp: 68

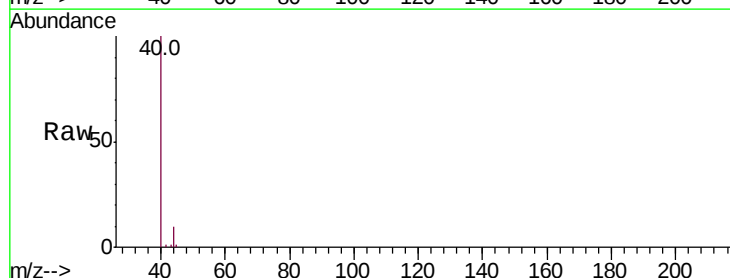
Ion Ratio Lower Upper

41 100

39 0.0 46.2 69.4#

67 0.0 49.8 74.8#

52 0.0 42.7 64.1#

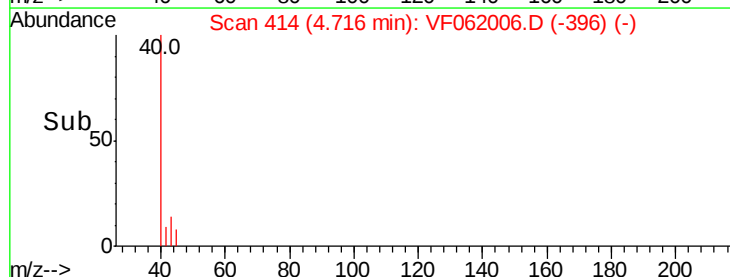
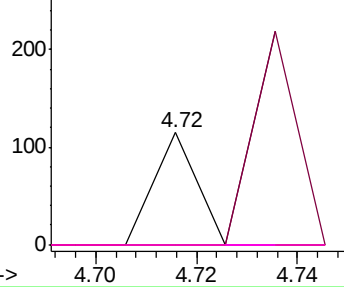


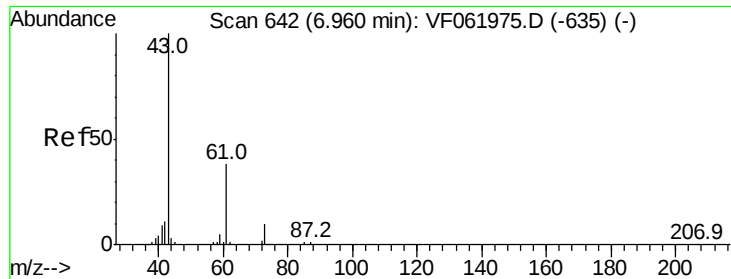
Abundance Ion 41.00 (40.70 to 41.70): VF0

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



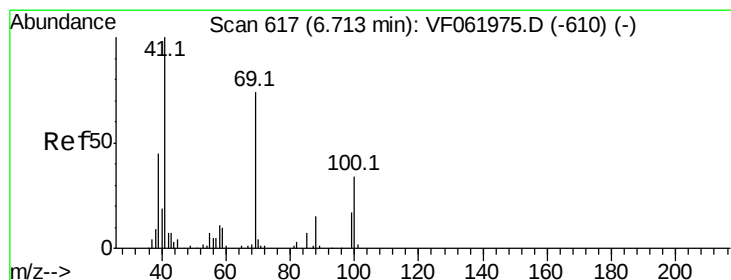
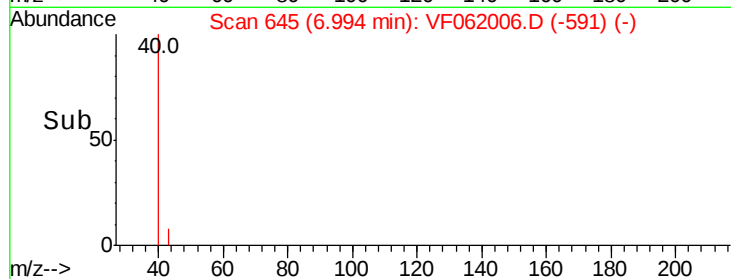
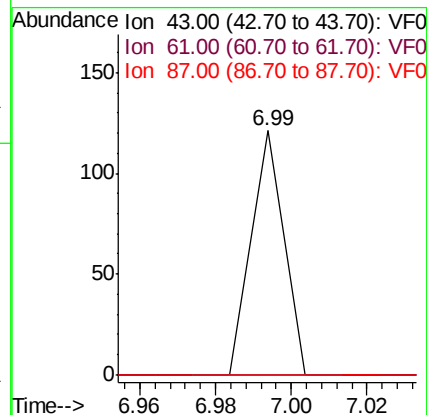
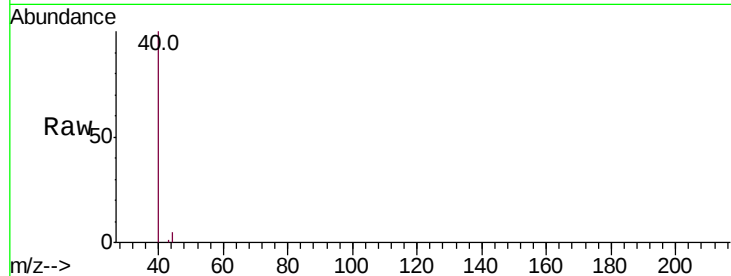


#43

Isopropyl Acetate
 Concen: 5.888 ug/l
 RT: 6.99 min Scan# 645
 Delta R.T. 0.03 min
 Lab File: VF062006.D
 Acq: 18 Mar 2019 19:23

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

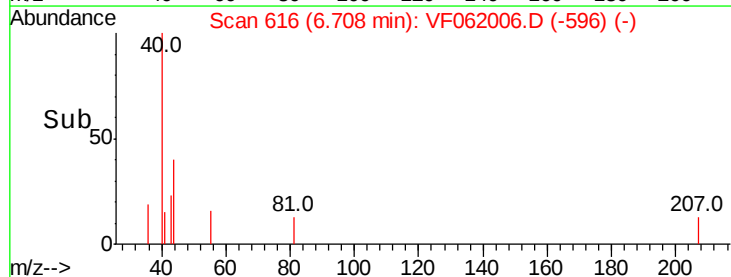
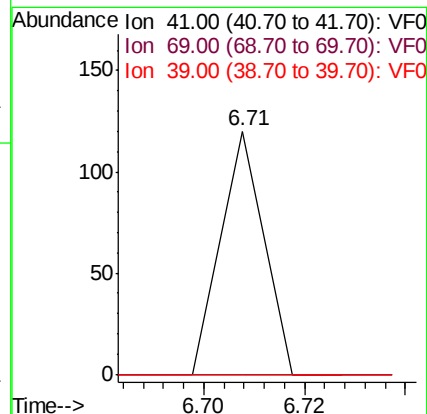
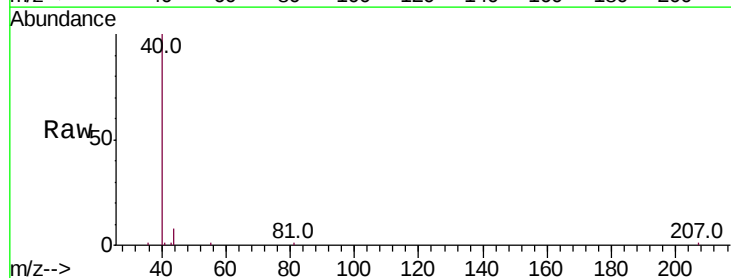
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	30.1	45.1#
87	0.0	0.4	0.6#

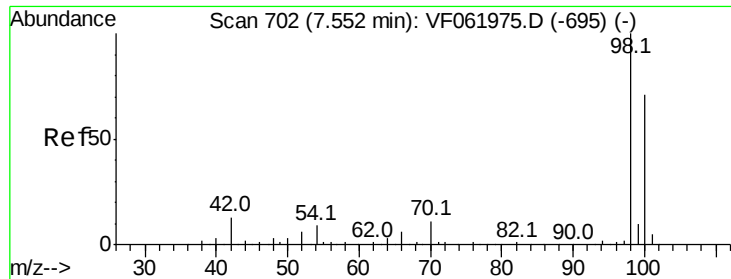


#48

Methyl methacrylate
 Concen: 8.984 ug/l
 RT: 6.71 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: VF062006.D
 Acq: 18 Mar 2019 19:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.6#
39	0.0	35.6	53.4#

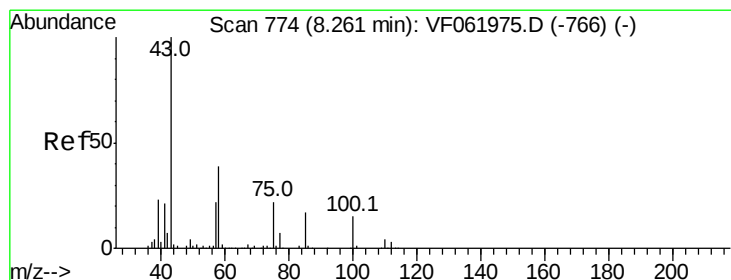
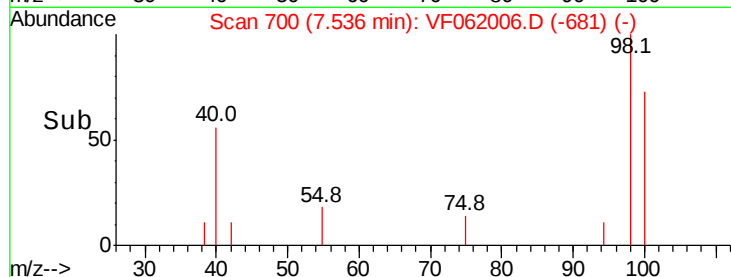
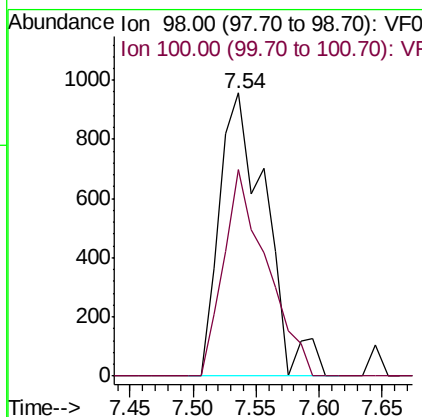
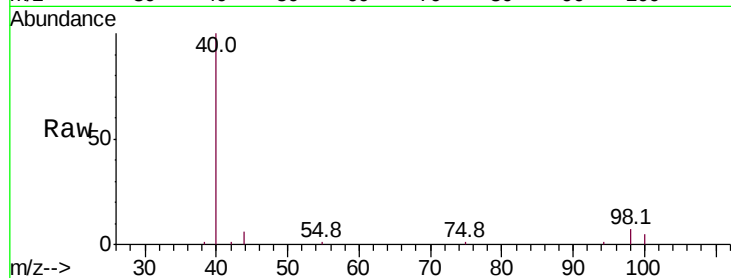




#50
Toluene-d8
Concen: 48.763 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF062006.D
Acq: 18 Mar 2019 19:23

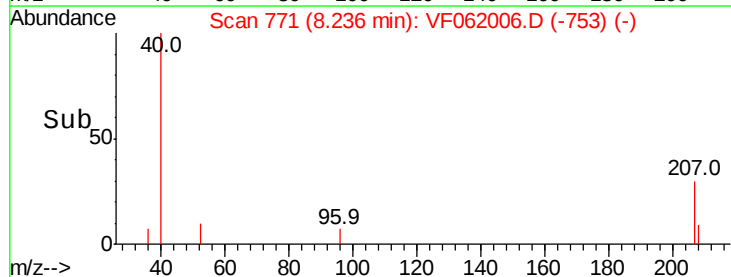
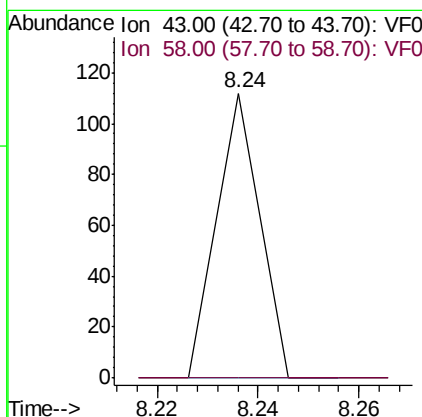
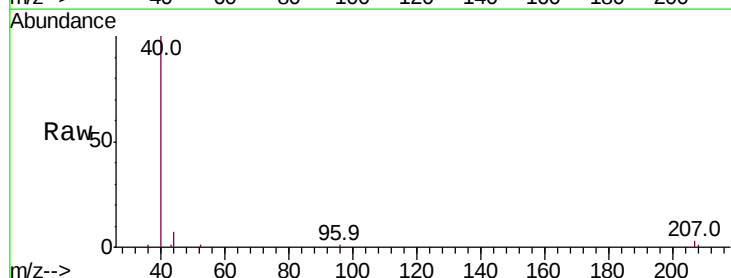
Instrument :
MSVOA_F
ClientSampled :
TP-3

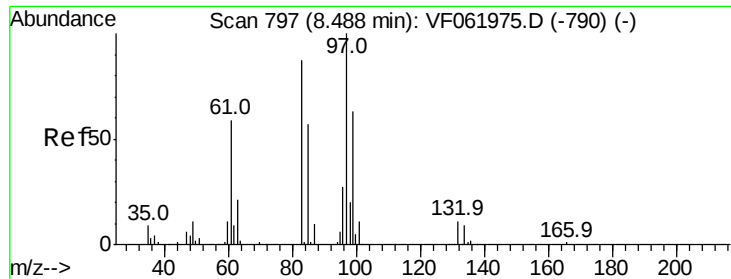
Tot Ion: 98 Resp: 2440
Ion Ratio Lower Upper
98 100
100 72.7 56.8 85.2



#51
4-Methyl-2-Pentanone
Concen: 7.600 ug/l
RT: 8.24 min Scan# 771
Delta R.T. -0.03 min
Lab File: VF062006.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 31.1 46.7#





#55

1,1,2-Trichloroethane

Concen: 5.672 ug/l

RT: 8.38 min Scan# 786

Delta R.T. -0.10 min

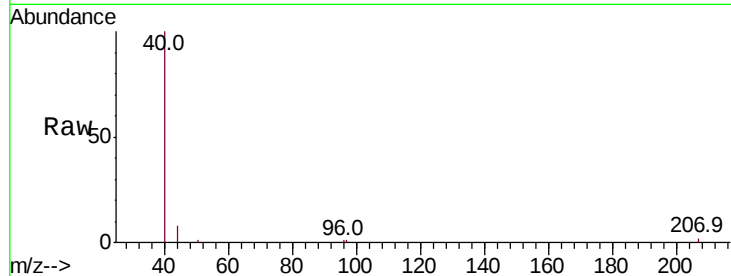
Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tot Ion: 97 Resp: 59

Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.7	104.5#
85	0.0	45.8	68.6#
99	0.0	50.3	75.5#

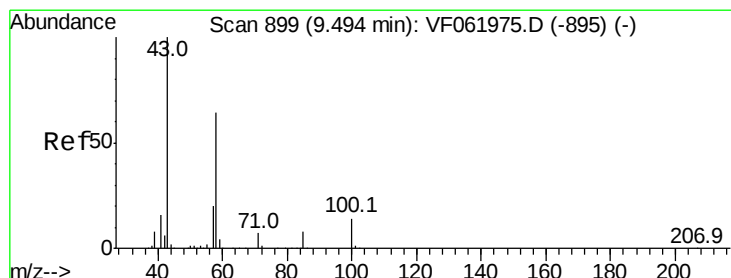
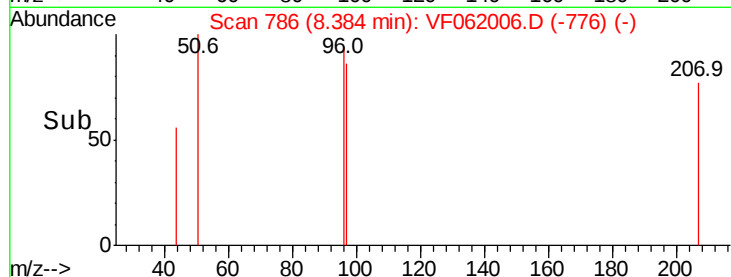
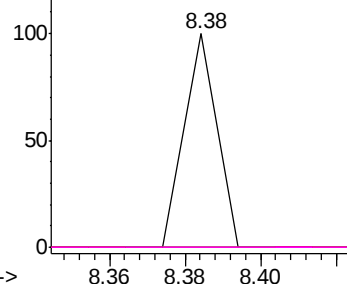


Abundance Ion 97.00 (96.70 to 97.70): VF0

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



#59

2-Hexanone

Concen: 9.866 ug/l

RT: 9.49 min Scan# 898

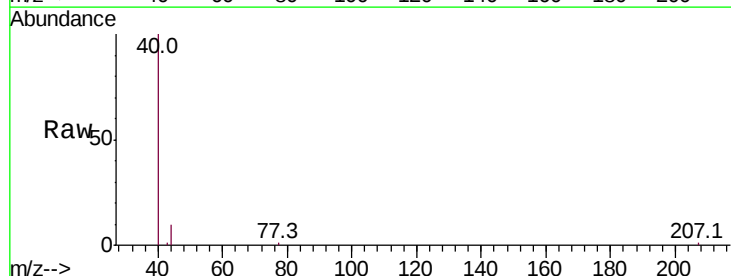
Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

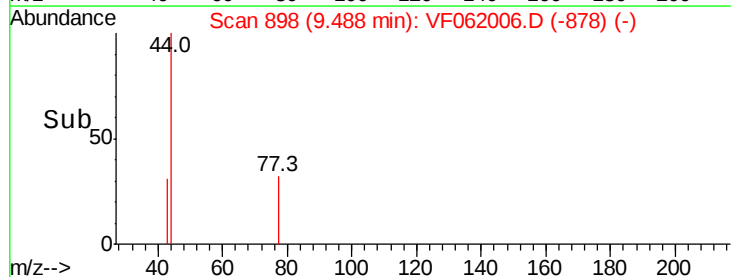
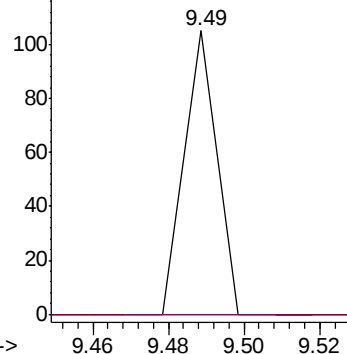
Tgt Ion: 43 Resp: 62

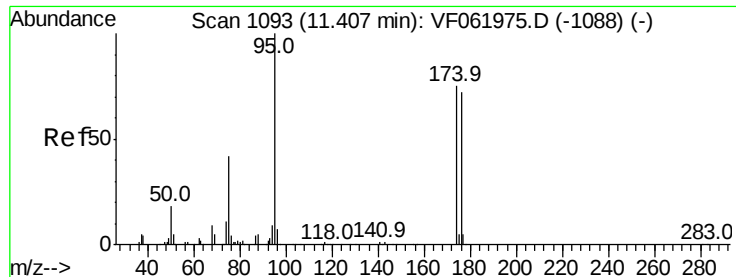
Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	85.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 39.541 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

Instrument :

MSVOA_F

ClientSampled :

TP-3

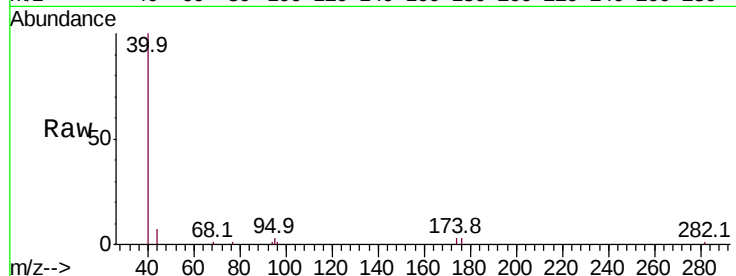
Tot Ion: 95 Resp: 786

Ion Ratio Lower Upper

95 100

174 97.3 0.0 149.4

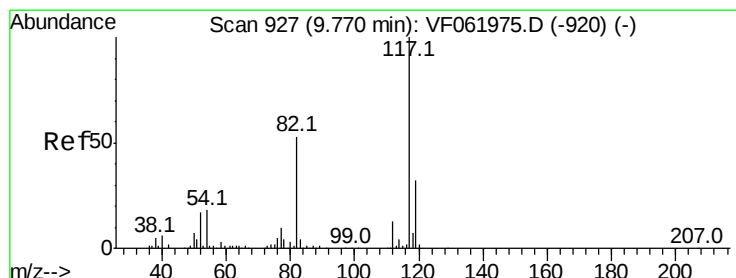
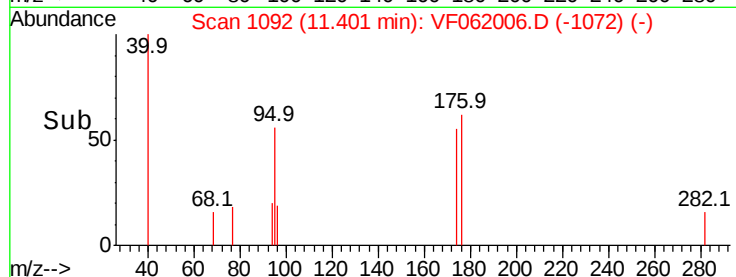
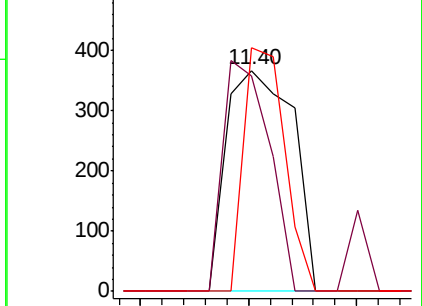
176 110.1 0.0 143.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF062006.D

Acq: 18 Mar 2019 19:23

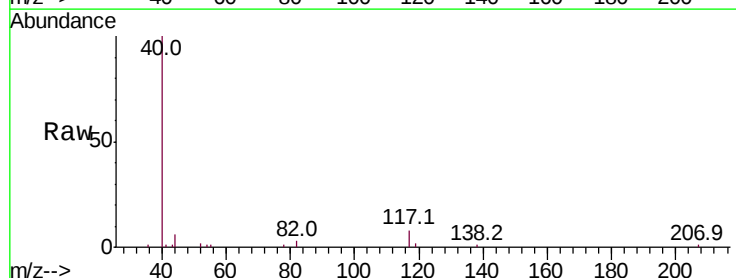
Tgt Ion: 117 Resp: 2286

Ion Ratio Lower Upper

117 100

82 39.2 42.5 63.7#

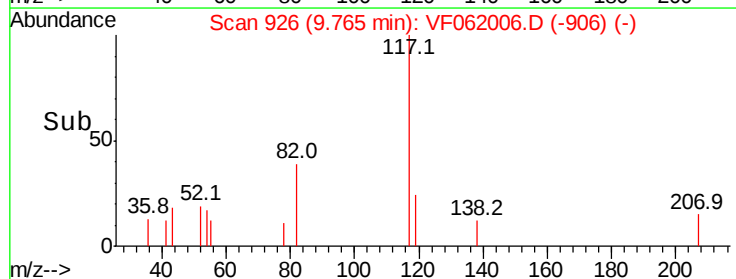
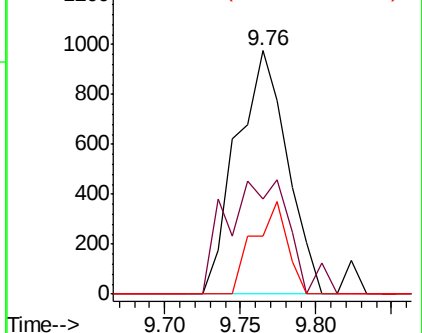
119 23.8 25.4 38.0#

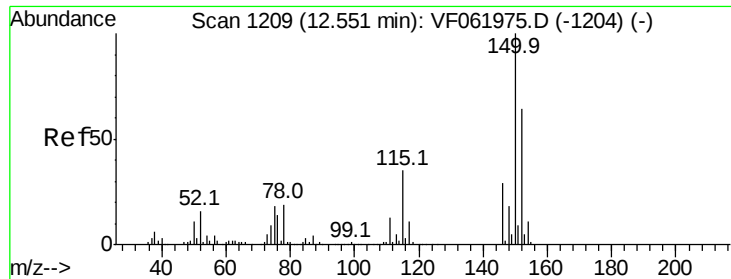


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



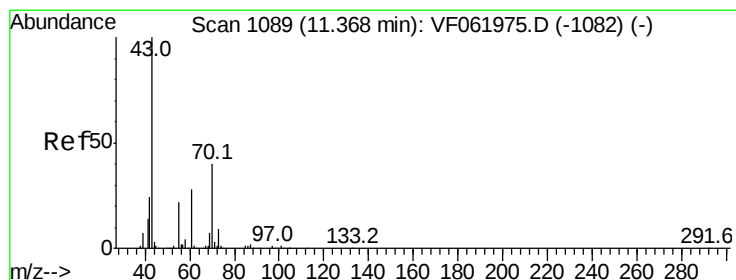
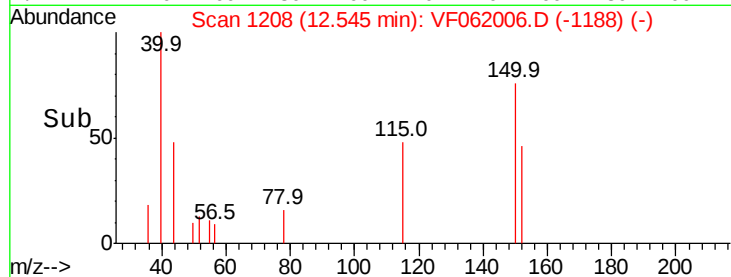
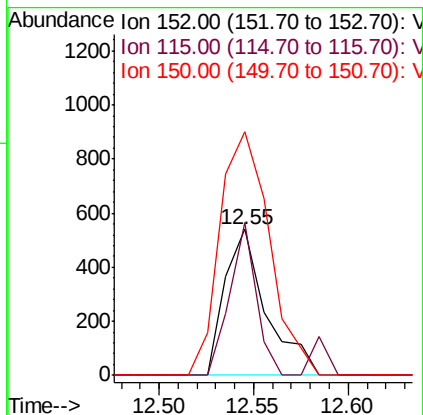
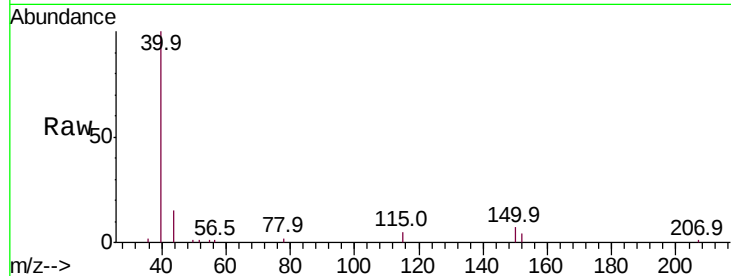


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062006.D
Acq: 18 Mar 2019 19:23

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 816
Ion Ratio Lower Upper
152 100
115 104.8 27.3 81.9#
150 166.5 0.0 316.2



#74

N-ethyl acetate
Concen: 5.187 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VF062006.D
Acq: 18 Mar 2019 19:23

Tgt Ion: 43 Resp: 67
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#

