

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061873.D
 Acq On : 8 Mar 2019 20:13
 Operator : VA/AP
 Sample : K1807-17
 Misc : 5.07µ/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9

Quant Time: Mar 09 01:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	7013	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	8611	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	5881	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	2146	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	920	18.01	ug/l	-0.02
Spiked Amount 50.000			Recovery =	36.02%		
35) Dibromofluoromethane	4.08	113	2229	37.09	ug/l	-0.04
Spiked Amount 50.000			Recovery =	74.18%		
50) Toluene-d8	7.54	98	8281	46.36	ug/l	-0.03
Spiked Amount 50.000			Recovery =	92.72%		
62) 4-Bromofluorobenzene	11.40	95	1976	28.24	ug/l	-0.02
Spiked Amount 50.000			Recovery =	56.48%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	103	1.234	ug/l #	45
5) Bromomethane	1.30	94	158	2.927	ug/l #	3
6) Chloroethane	1.36	64	64	1.700	ug/l #	1
8) Diethyl Ether	1.66	74	72	3.273	ug/l	72
11) Tert butyl alcohol	2.57	59	63	21.733	ug/l #	1
12) 1,1-Dichloroethene	1.85	96	129	2.151	ug/l #	1
13) Acrolein	1.98	56	266	72.418	ug/l #	65
14) Allyl chloride	2.07	41	351	5.312	ug/l #	77
15) Acrylonitrile	2.93	53	175	18.959	ug/l #	16
16) Acetone	2.21	43	1052	98.335	ug/l #	50
18) Methyl Acetate	2.32	43	1872	83.185	ug/l #	62
19) Methyl tert-butyl Ether	2.40	73	148	1.459	ug/l #	56
20) Methylene Chloride	2.16	84	81	Below Cal	#	43
21) trans-1,2-Dichloroethene	2.31	96	91	1.612	ug/l #	23
22) Diisopropyl ether	2.79	45	389	2.263	ug/l #	9
23) Vinyl Acetate	3.23	43	227	2.956	ug/l #	76
24) 1,1-Dichloroethane	2.83	63	173	1.684	ug/l #	85
25) 2-Butanone	4.37	43	280	12.867	ug/l #	56
26) 2,2-Dichloropropane	3.59	77	60	1.308	ug/l #	55
29) Tetrahydrofuran	4.07	42	148	15.770	ug/l #	33
31) Cyclohexane	3.74	56	130	1.208	ug/l #	15
37) Ethyl Acetate	4.10	43	70	2.050	ug/l #	20
41) Methacrylonitrile	4.75	41	145	7.752	ug/l #	16
43) Isopropyl Acetate	7.01	43	188	4.467	ug/l #	42
48) Methyl methacrylate	6.67	41	82	3.079	ug/l #	18
51) 4-Methyl-2-Pentanone	8.20	43	157	5.398	ug/l #	35
55) 1,1,2-Trichloroethane	8.44	97	83	2.290	ug/l #	15
57) 1,3-Dichloropropane	8.84	76	60	1.012	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.36	63	73	11.299	ug/l #	44
59) 2-Hexanone	9.45	43	148	7.053	ug/l #	22
74) N-amyl acetate	11.30	43	130	3.822	ug/l #	12
76) 1,2,3-Trichloropropane	11.64	75	73	4.356	ug/l #	39

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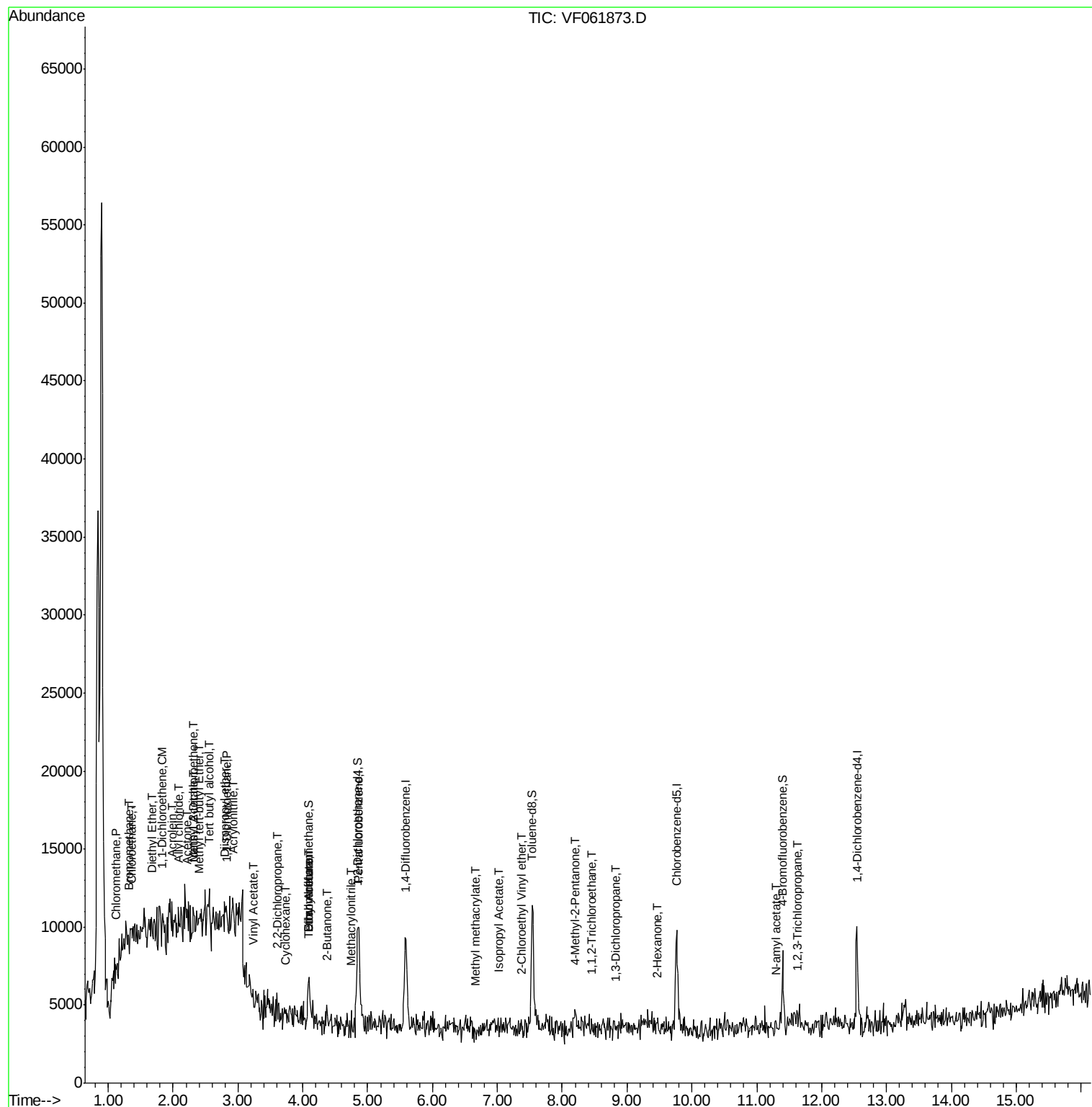
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

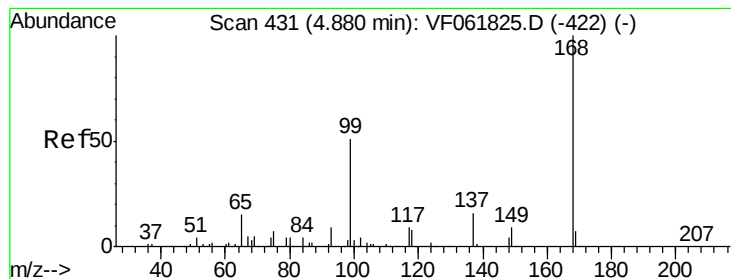
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

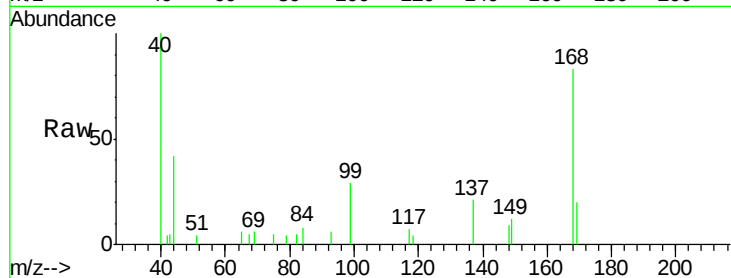
TP-9

Tot Ion:168 Resp: 7013

Ion Ratio Lower Upper

168 100

99 35.5 40.8 61.2#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

2500

2000

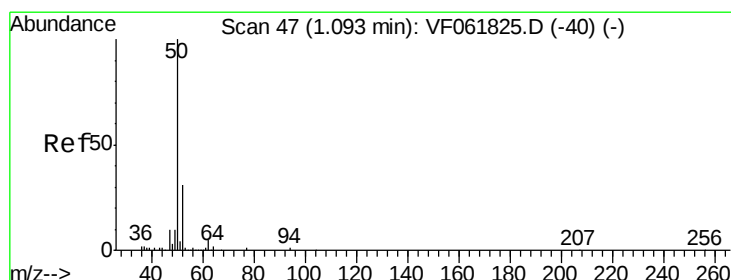
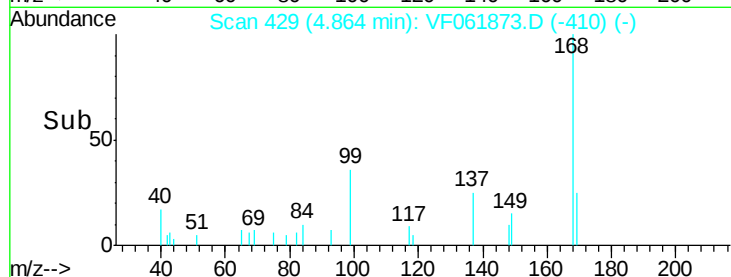
1500

1000

500

0

Time-->



#3

Chloromethane

Concen: 1.234 ug/l

RT: 1.12 min Scan# 49

Delta R.T. 0.02 min

Lab File: VF061873.D

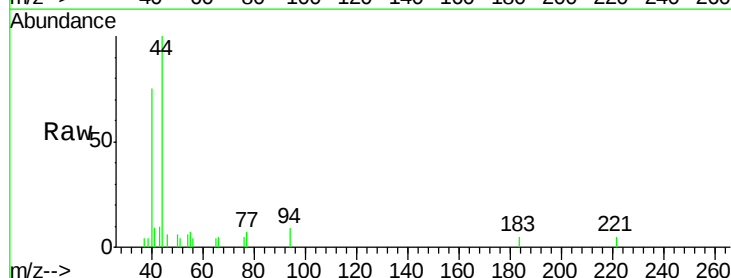
Acq: 8 Mar 2019 20:13

Tgt Ion: 50 Resp: 103

Ion Ratio Lower Upper

50 100

52 0.0 23.8 35.8#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.12

200

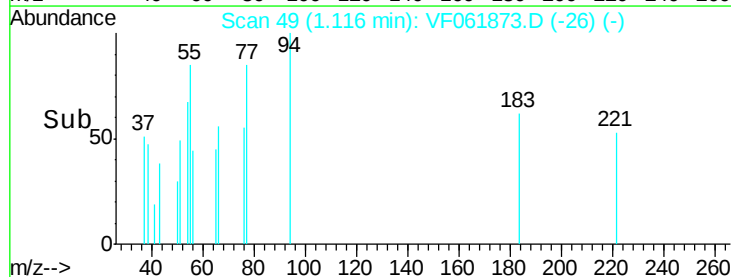
150

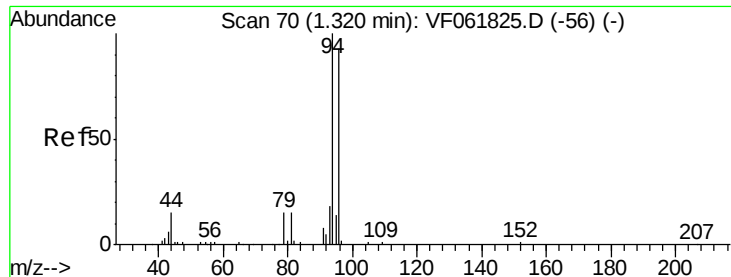
100

50

0

Time-->





#5

Bromomethane

Concen: 2.927 ug/l

RT: 1.30 min Scan# 68

Delta R.T. -0.02 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

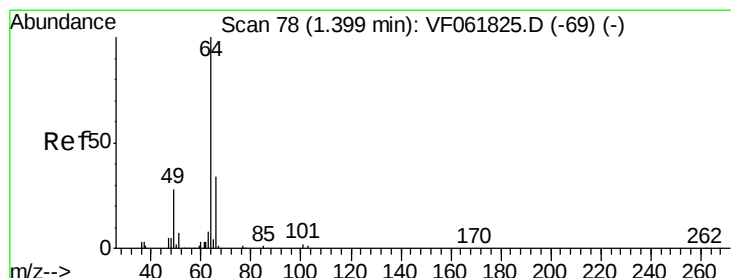
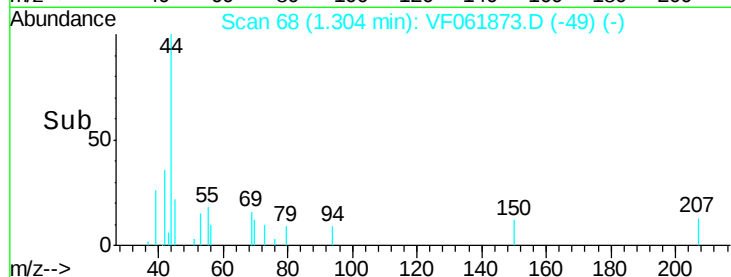
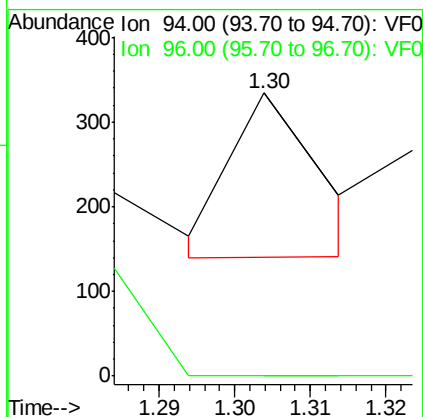
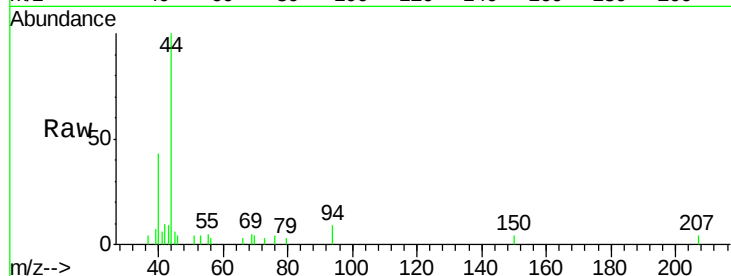
TP-9

Tot Ion: 94 Resp: 158

Ion Ratio Lower Upper

94 100

96 0.0 75.2 112.8#



#6

Chloroethane

Concen: 1.700 ug/l

RT: 1.36 min Scan# 74

Delta R.T. -0.04 min

Lab File: VF061873.D

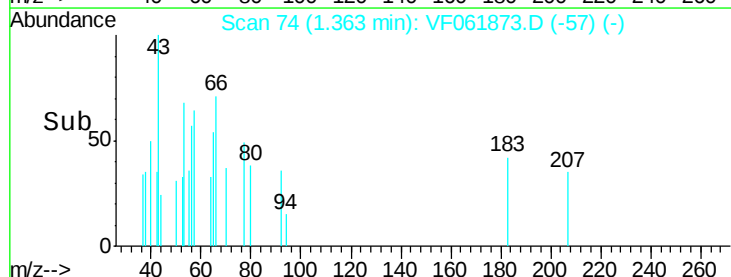
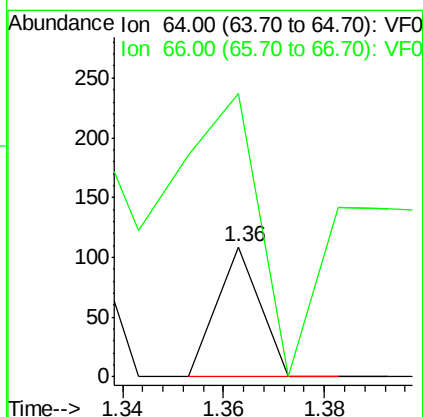
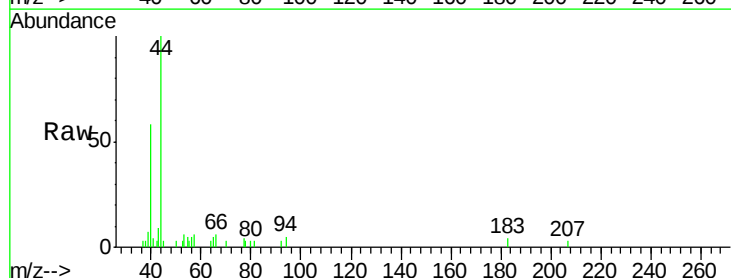
Acq: 8 Mar 2019 20:13

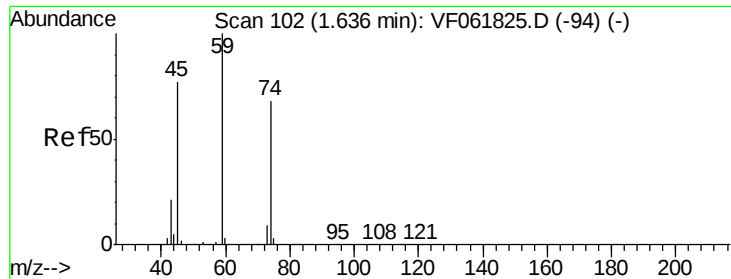
Tgt Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 217.4 27.0 40.4#





#8

Diethyl Ether

Concen: 3.273 ug/l

RT: 1.66 min Scan# 104

Delta R.T. 0.02 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

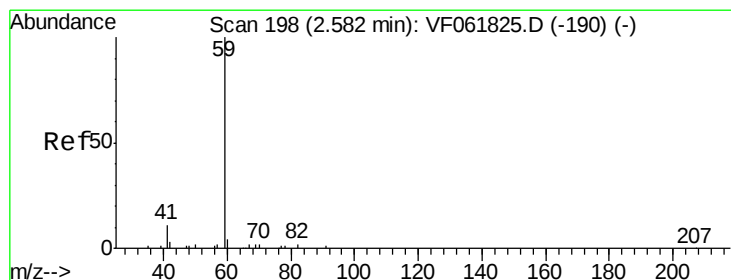
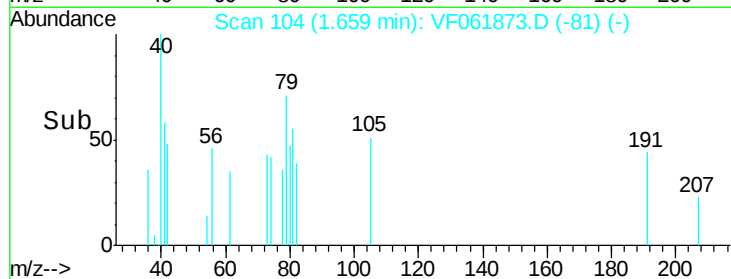
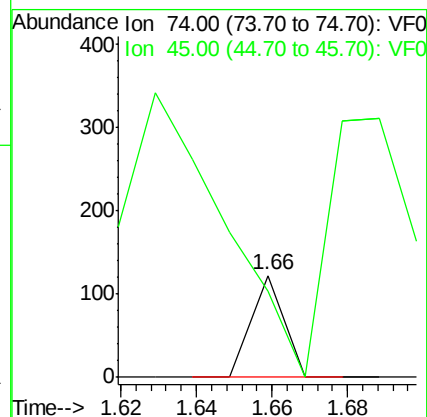
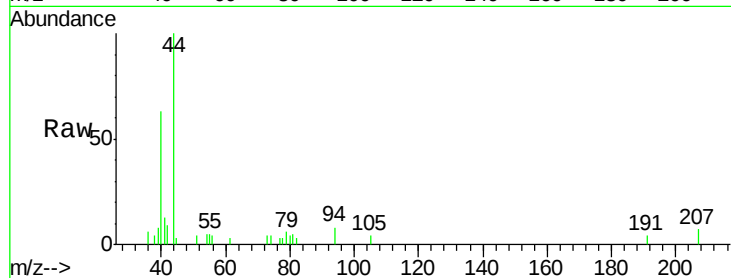
Instrument :
MSVOA_F
ClientSampleId :
TP-9

Tot Ion: 74 Resp: 72

Ion Ratio Lower Upper

74 100

45 84.3 57.2 171.6



#11

Tert butyl alcohol

Concen: 21.733 ug/l

RT: 2.57 min Scan# 196

Delta R.T. -0.02 min

Lab File: VF061873.D

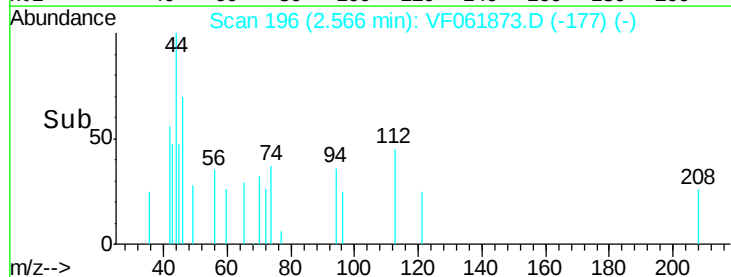
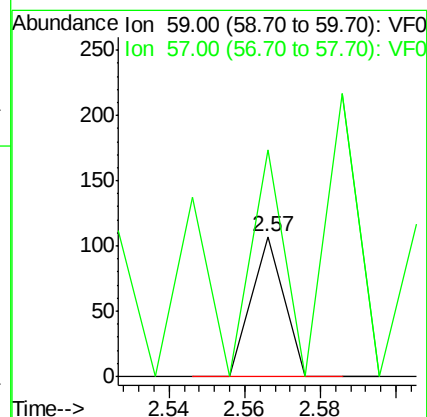
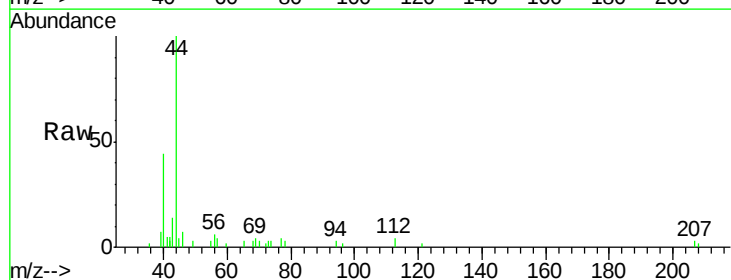
Acq: 8 Mar 2019 20:13

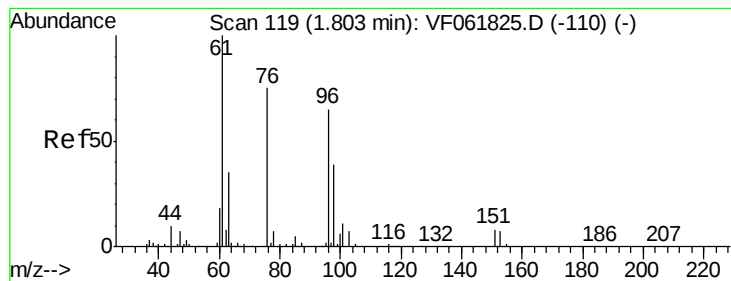
Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 162.6 11.8 17.6#





#12

1,1-Dichloroethene

Concen: 2.151 ug/l

RT: 1.85 min Scan# 123

Delta R.T. 0.04 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

TP-9

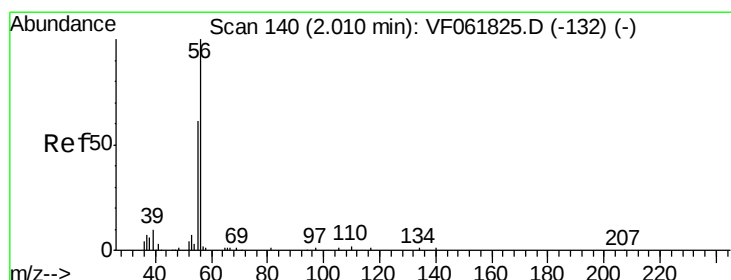
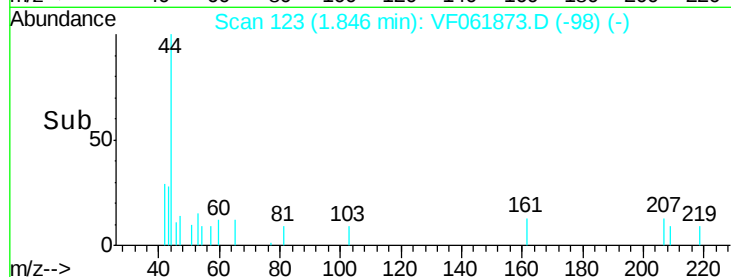
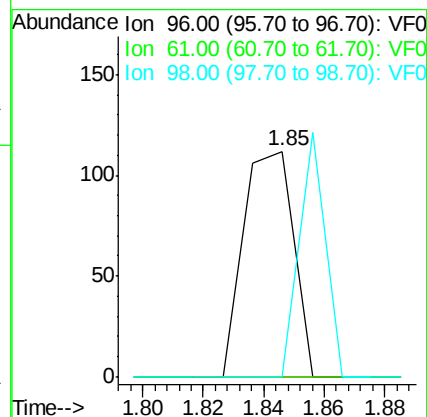
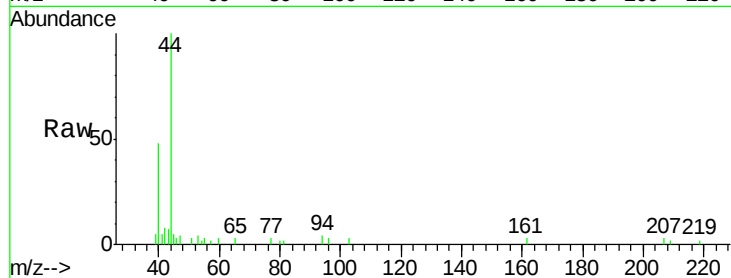
Tot Ion: 96 Resp: 129

Ion Ratio Lower Upper

96 100

61 0.0 122.5 183.7#

98 0.0 47.1 70.7#



#13

Acrolein

Concen: 72.418 ug/l

RT: 1.98 min Scan# 137

Delta R.T. -0.03 min

Lab File: VF061873.D

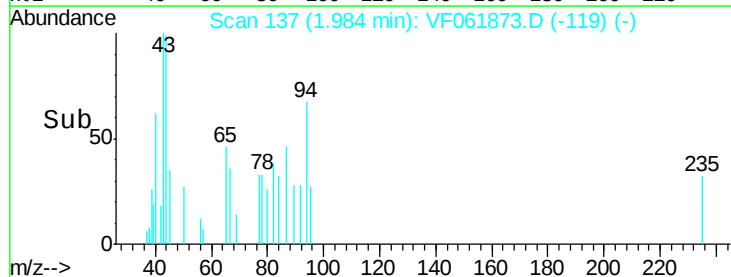
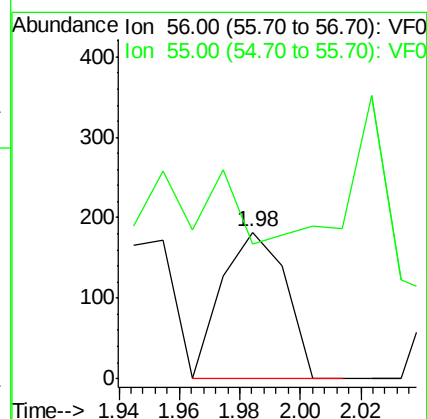
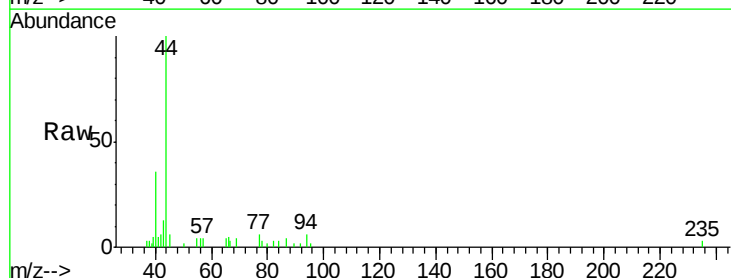
Acq: 8 Mar 2019 20:13

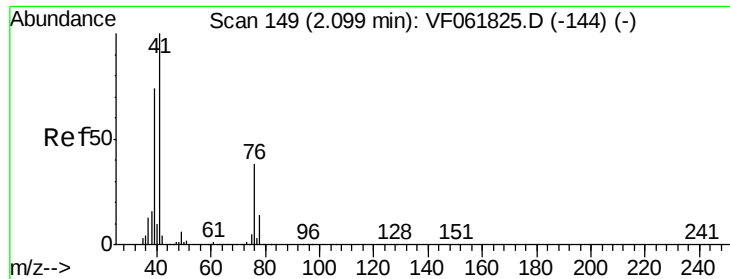
Tgt Ion: 56 Resp: 266

Ion Ratio Lower Upper

56 100

55 91.8 51.3 76.9#





#14

Allvl chloride

Concen: 5.312 ug/l

RT: 2.07 min Scan# 146

Delta R.T. -0.03 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

TP-9

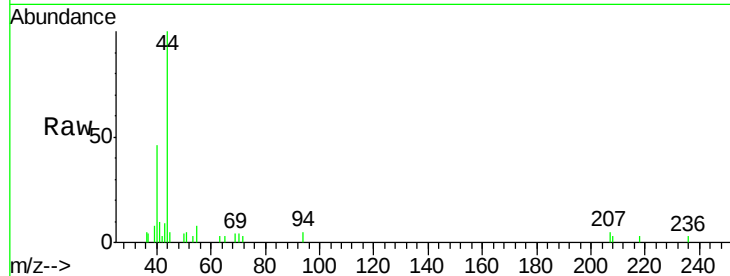
Tot Ion: 41 Resp: 351

Ion Ratio Lower Upper

41 100

39 75.1 59.6 89.4

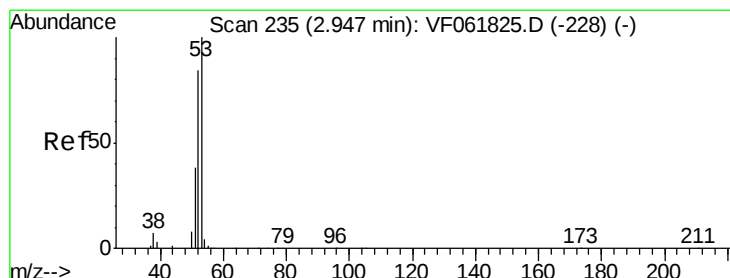
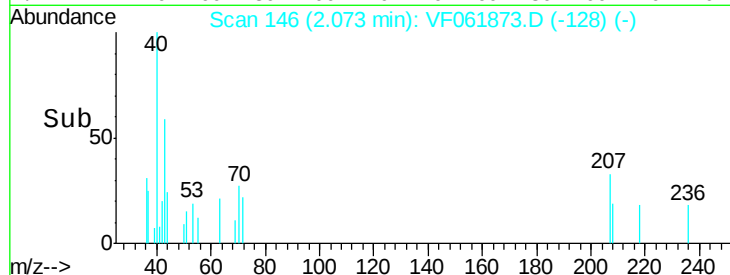
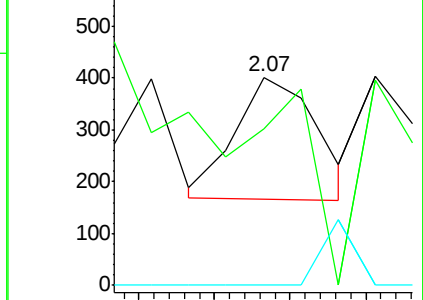
76 0.0 32.3 48.5#



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: 18.959 ug/l

RT: 2.93 min Scan# 233

Delta R.T. -0.02 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

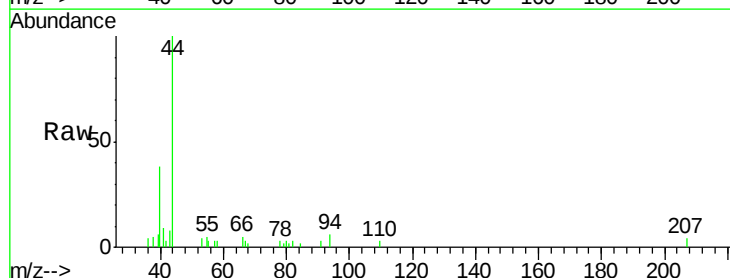
Tgt Ion: 53 Resp: 175

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

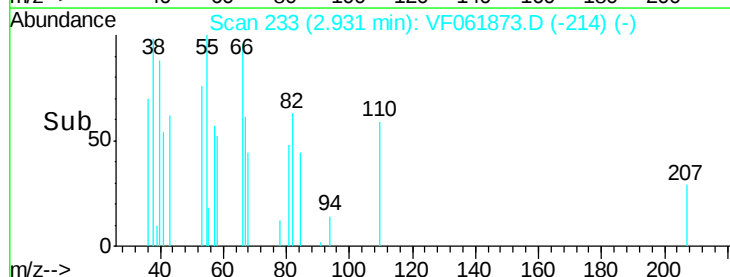
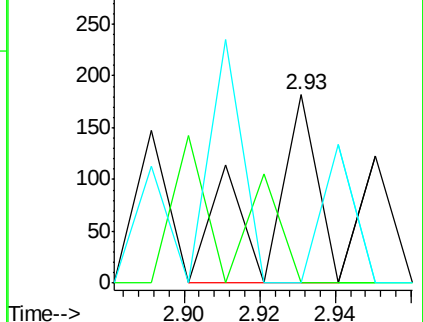
51 0.0 30.7 46.1#

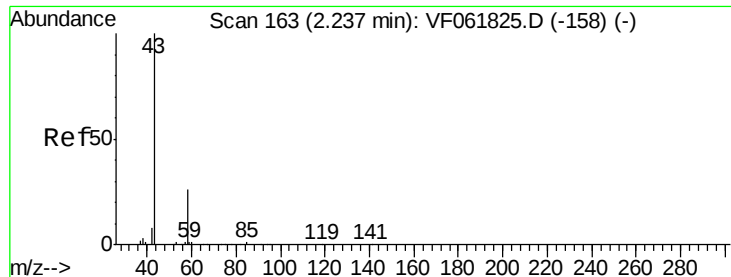


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

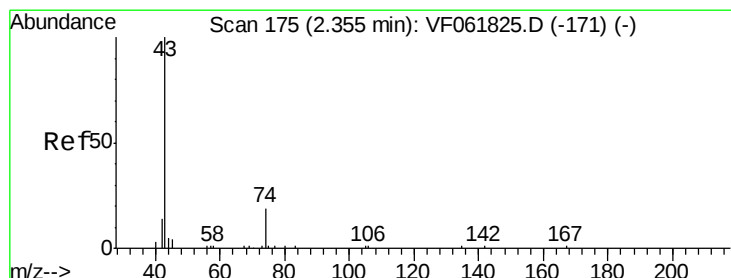
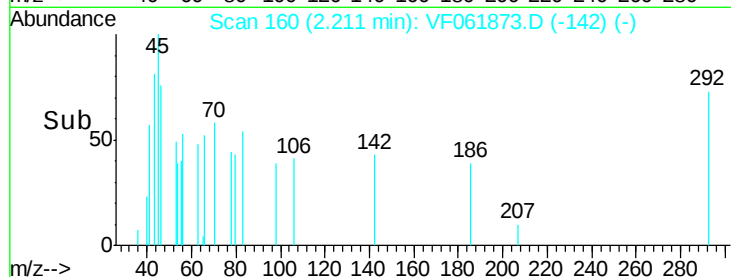
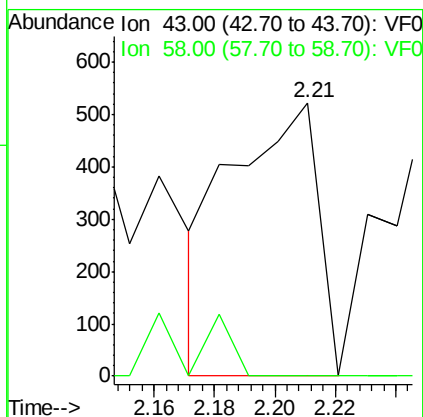
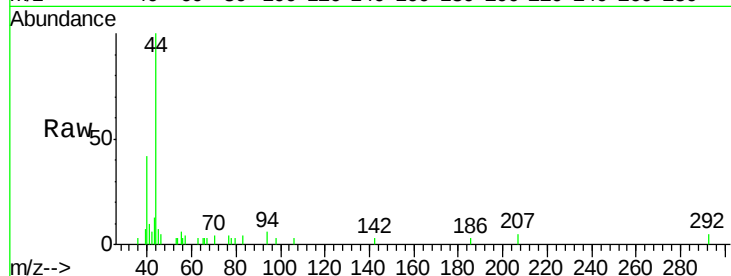




#16
Acetone
Concen: 98.335 ug/l
RT: 2.21 min Scan# 160
Delta R.T. -0.03 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

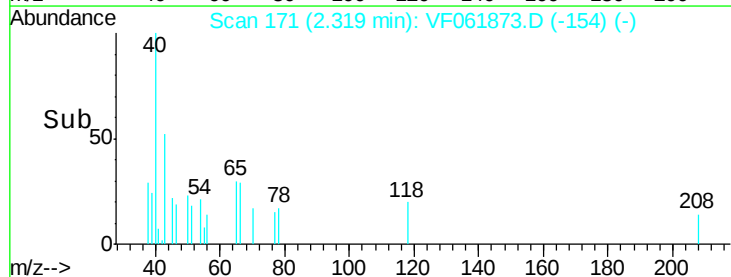
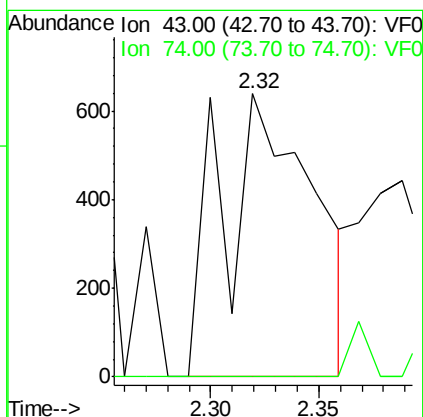
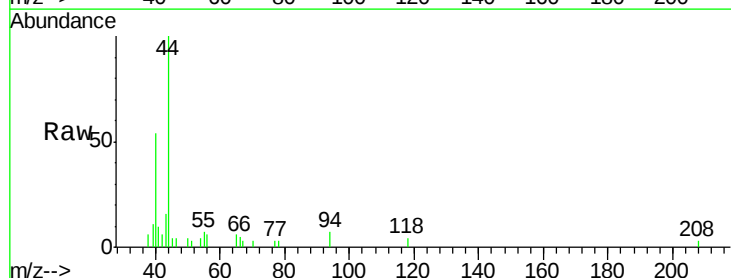
Instrument :
MSVOA_F
ClientSampled :
TP-9

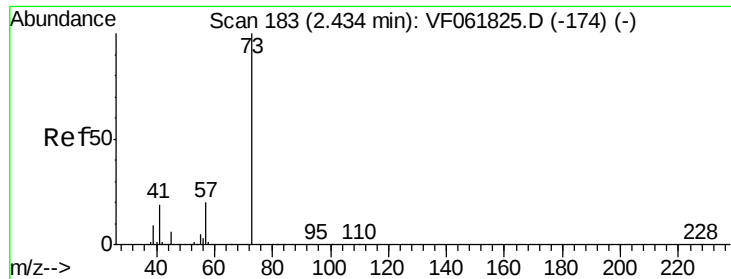
Tot Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5#



#18
Methyl Acetate
Concen: 83.185 ug/l
RT: 2.32 min Scan# 171
Delta R.T. -0.04 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
74 0.0 13.2 19.8#



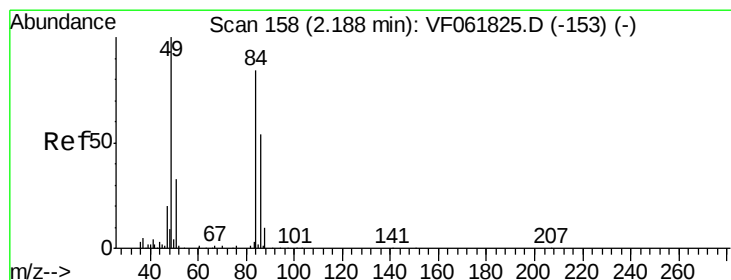
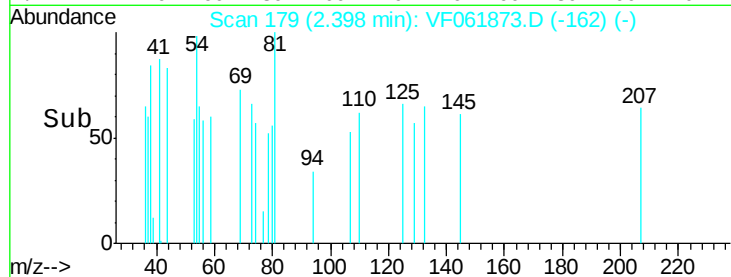
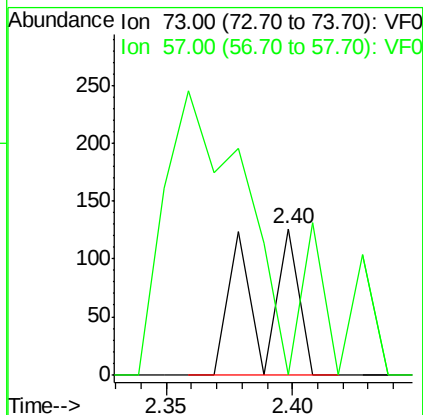
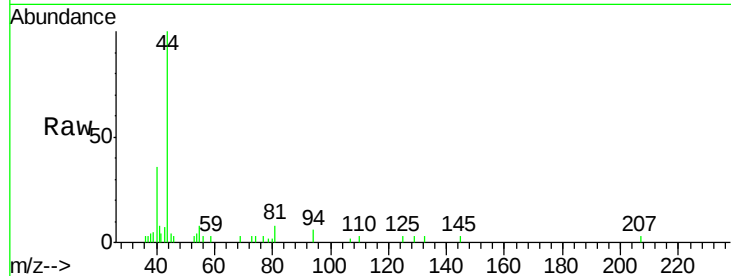


#19

Methyl tert-butyl Ether
 Concen: 1.459 ug/l
 RT: 2.40 min Scan# 179
 Delta R.T. -0.04 min
 Lab File: VF061873.D
 Acq: 8 Mar 2019 20:13

Instrument :
 MSVOA_F
 ClientSampled :
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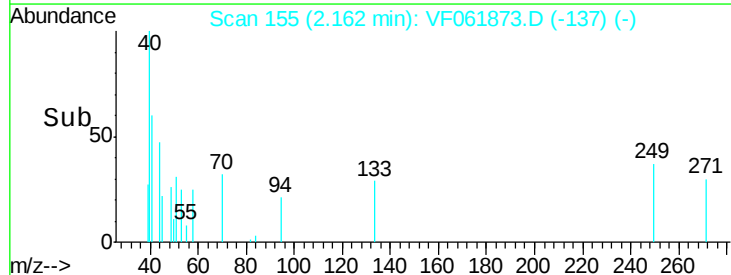
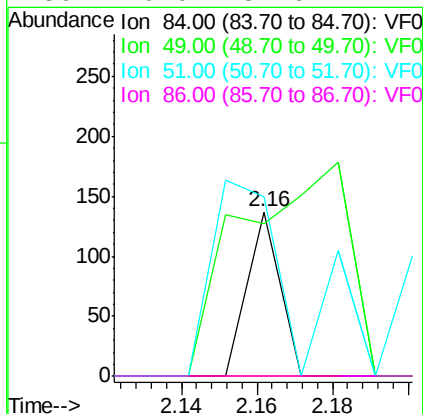
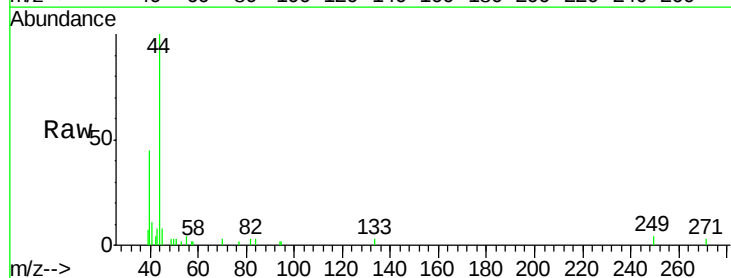
Tot Ion: 73 Resp: 148
 Ion Ratio Lower Upper
 73 100
 57 0.0 16.1 24.1#

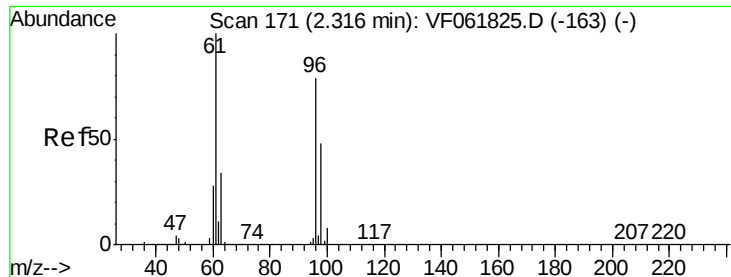


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.16 min Scan# 155
 Delta R.T. -0.03 min
 Lab File: VF061873.D
 Acq: 8 Mar 2019 20:13

Tgt Ion: 84 Resp: 81
 Ion Ratio Lower Upper
 84 100
 49 92.7 96.8 145.2#
 51 109.5 31.8 47.6#
 86 0.0 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 1.612 ug/l

RT: 2.31 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

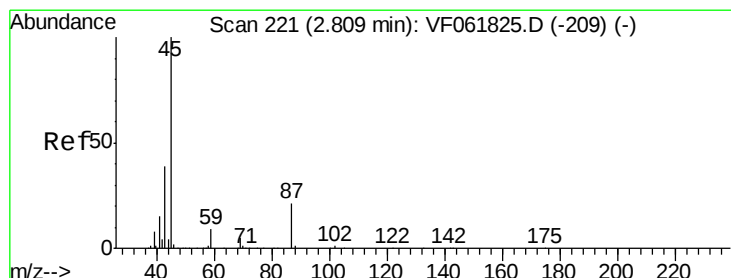
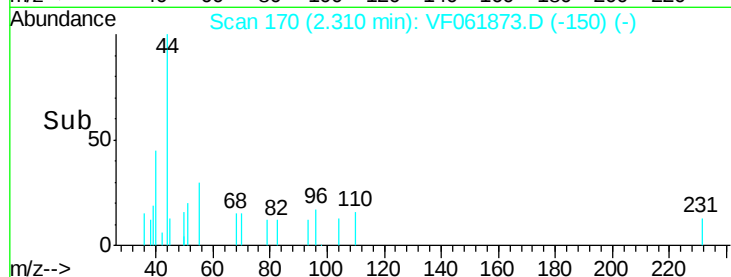
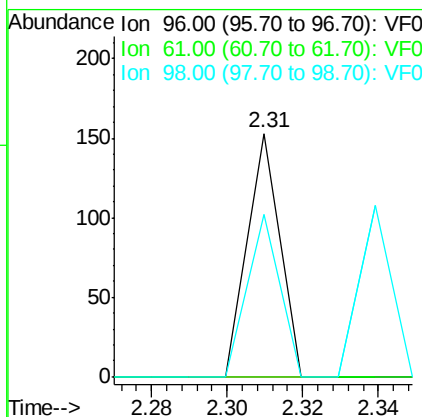
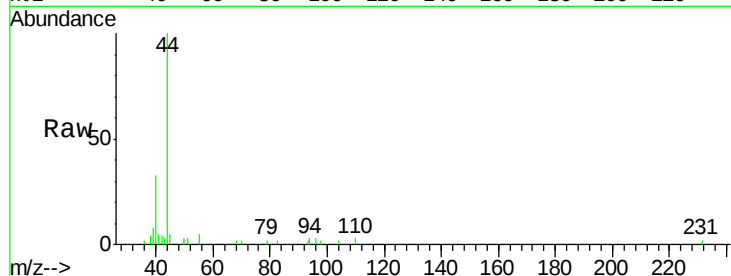
MSVOA_F

ClientSampleId :

TP-9

Tot Ion: 96 Resp: 91

Ion	Ratio	Lower	Upper
96	100		
61	0.0	101.0	151.6#
98	66.7	48.8	73.2



#22

Diisopropyl ether

Concen: 2.263 ug/l

RT: 2.79 min Scan# 219

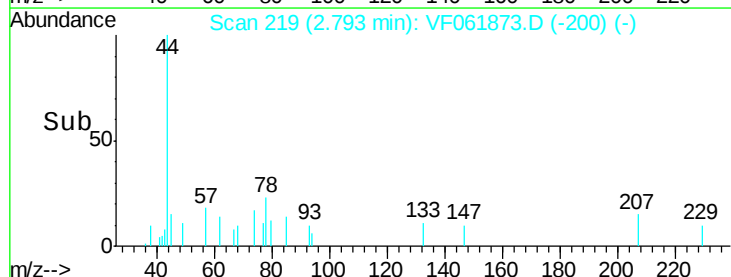
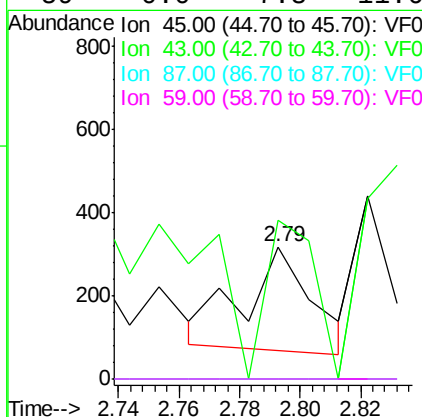
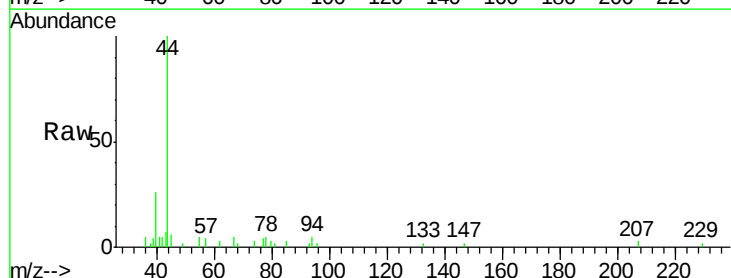
Delta R.T. -0.02 min

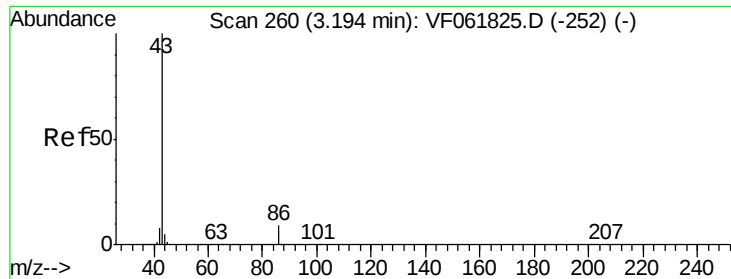
Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Tgt Ion: 45 Resp: 389

Ion	Ratio	Lower	Upper
45	100		
43	120.4	31.8	47.8#
87	0.0	17.1	25.7#
59	0.0	7.8	11.6#





#23

Vinyl Acetate

Concen: 2.956 ug/l

RT: 3.23 min Scan# 263

Delta R.T. 0.03 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

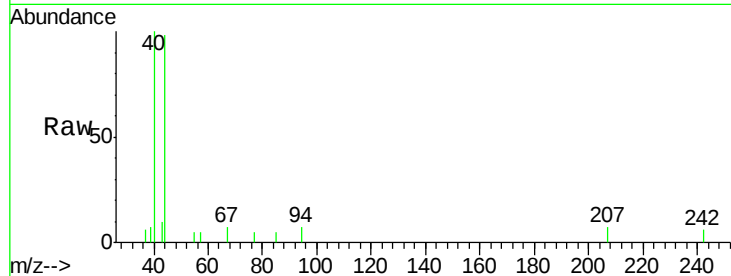
TP-9

Tot Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

250

200

150

100

50

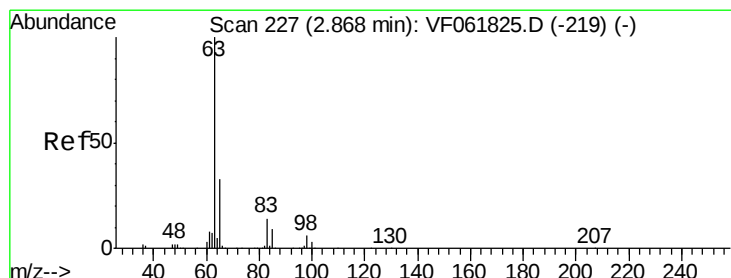
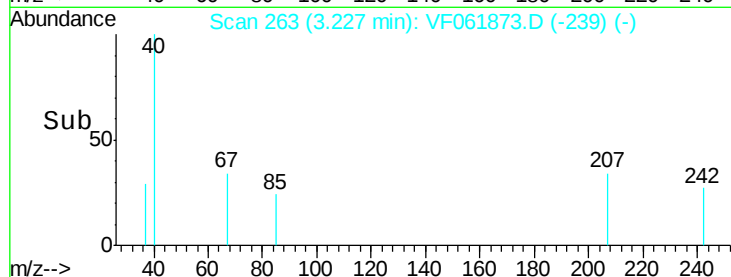
0

3.20

3.22

3.24

Time-->



#24

1,1-Dichloroethane

Concen: 1.684 ug/l

RT: 2.83 min Scan# 223

Delta R.T. -0.04 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

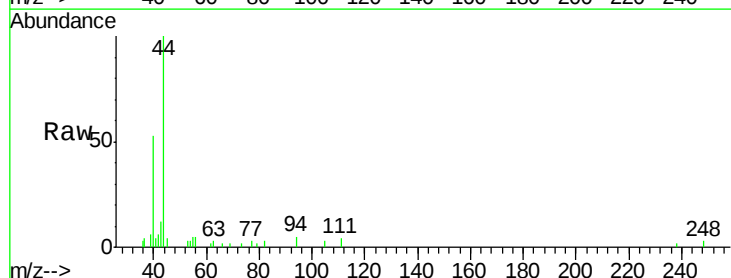
Tgt Ion: 63 Resp: 173

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.6#

100 0.0 1.8 5.3#



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

200

150

100

50

0

2.78

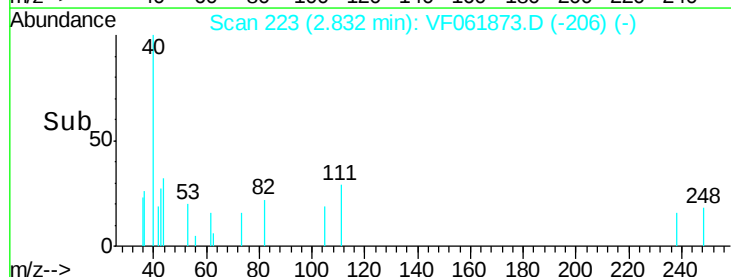
2.80

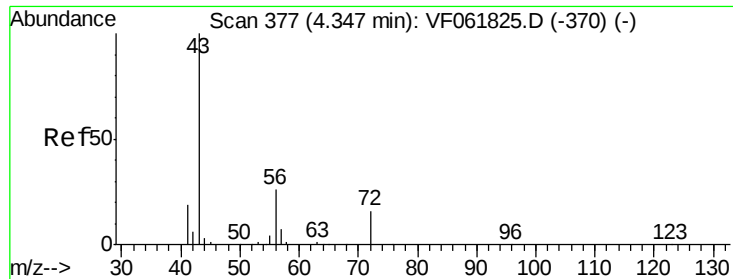
2.82

2.84

2.86

Time-->

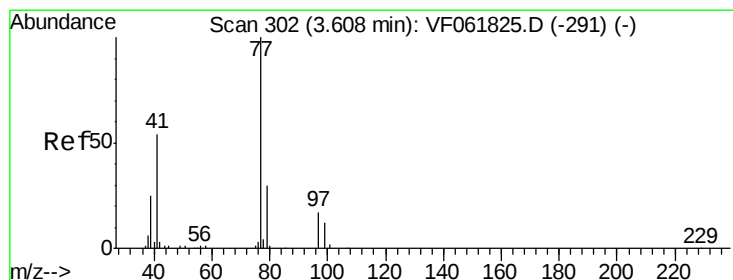
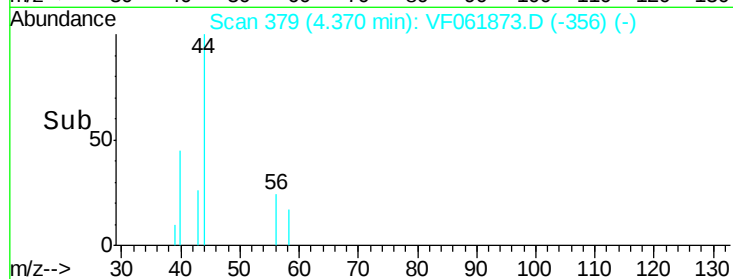
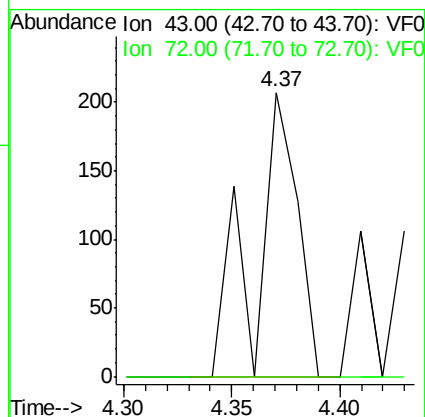
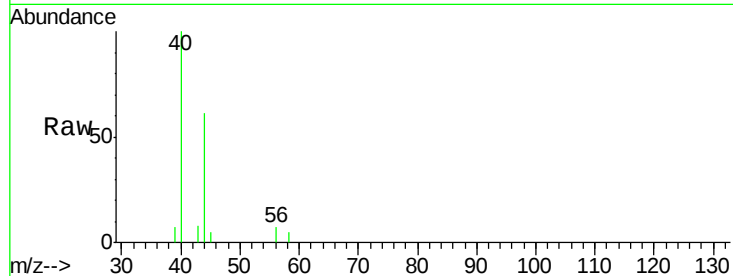




#25
 2-Butanone
 Concen: 12.867 ug/l
 RT: 4.37 min Scan# 379
 Delta R.T. 0.02 min
 Lab File: VF061873.D
 Acq: 8 Mar 2019 20:13

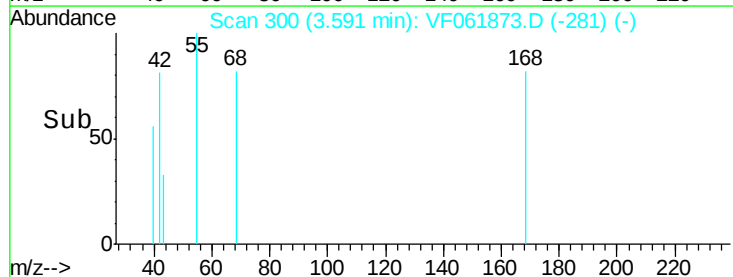
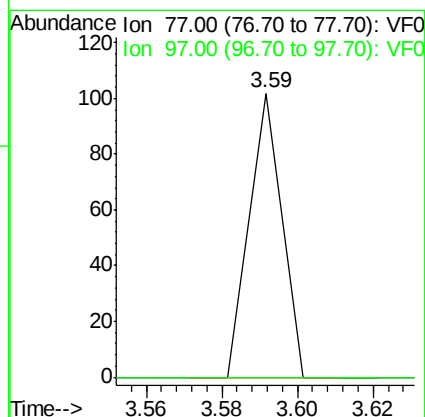
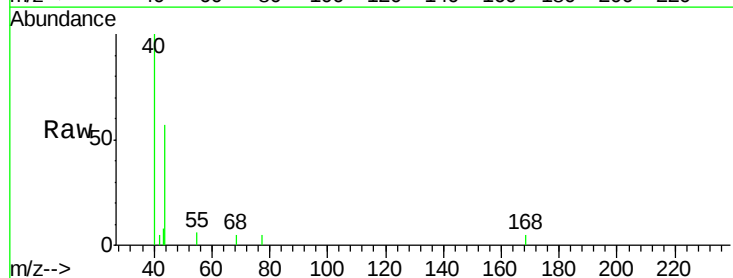
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9

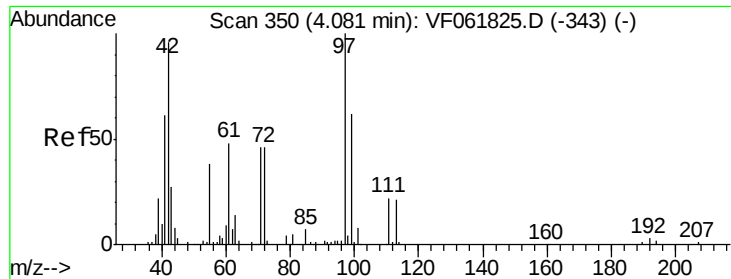
Tot Ion: 43 Resp: 280
 Ion Ratio Lower Upper
 43 100
 72 0.0 16.2 24.4#



#26
 2,2-Dichloropropane
 Concen: 1.308 ug/l
 RT: 3.59 min Scan# 300
 Delta R.T. -0.02 min
 Lab File: VF061873.D
 Acq: 8 Mar 2019 20:13

Tgt Ion: 77 Resp: 60
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.4 31.4#

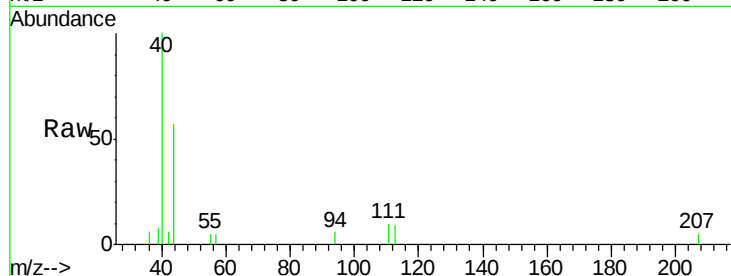




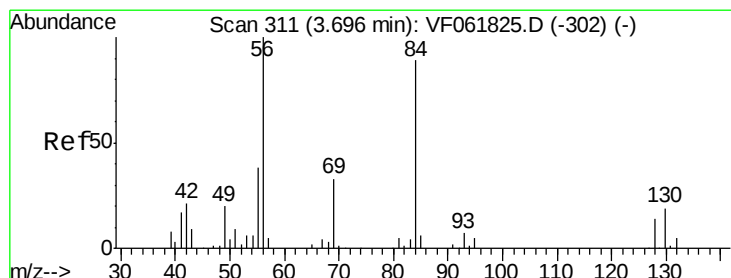
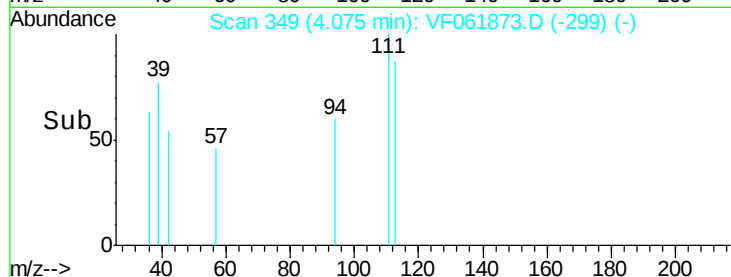
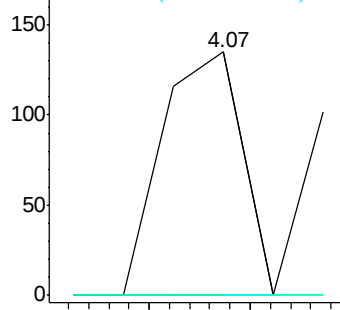
#29
Tetrahydrofuran
Concen: 15.770 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Instrument :
MSVOA_F
ClientSampled :
TP-9

Tot Ion: 42 Resp: 148
Ion Ratio Lower Upper
42 100
72 0.0 34.4 51.6#
71 0.0 34.6 52.0#

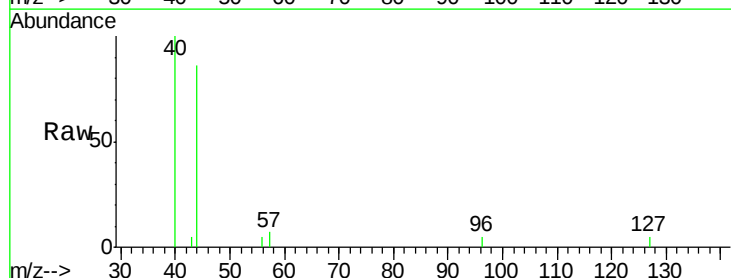


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

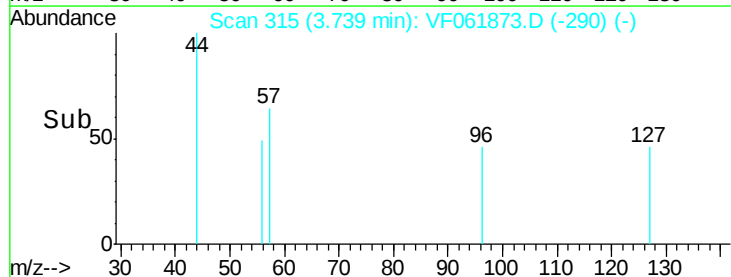
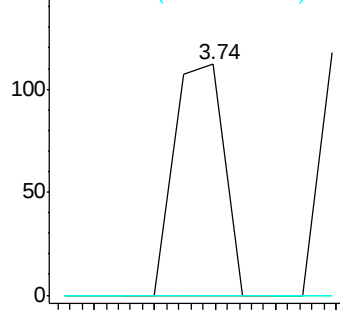


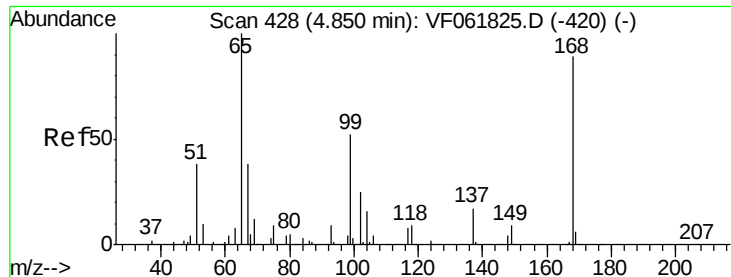
#31
Cyclohexane
Concen: 1.208 ug/l
RT: 3.74 min Scan# 315
Delta R.T. 0.04 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
69 0.0 26.0 39.0#
84 0.0 71.0 106.6#



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

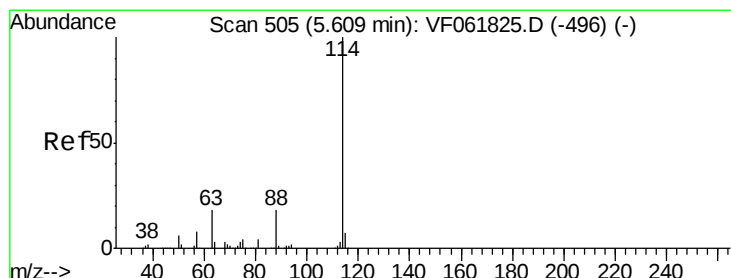
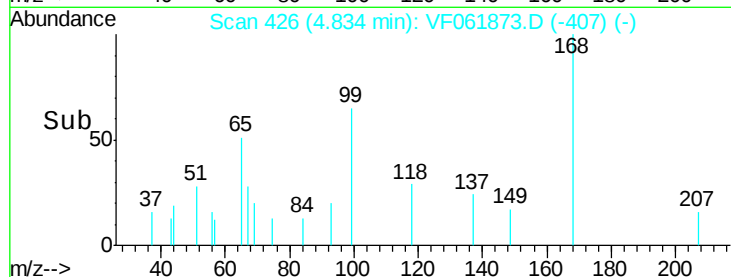
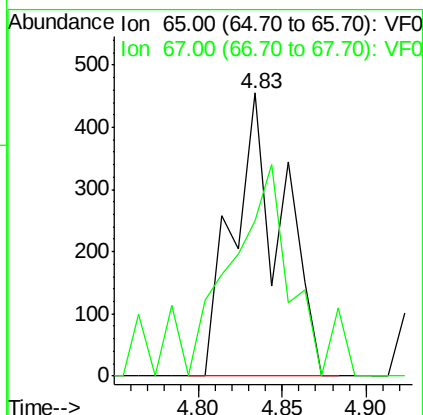
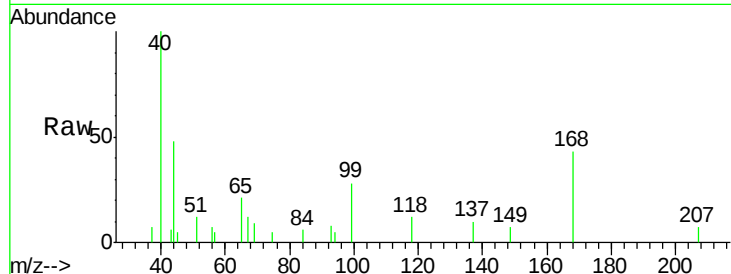




#33
 1,2-Dichloroethane-d4
 Concen: 18.014 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF061873.D
 Acq: 8 Mar 2019 20:13

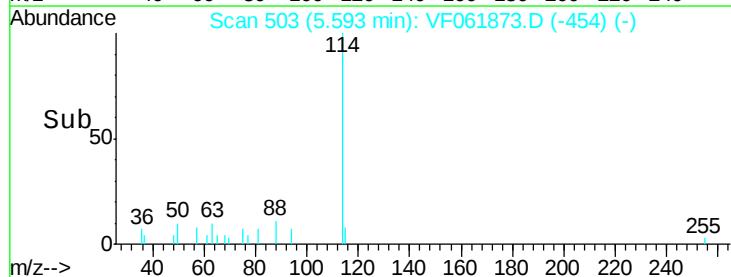
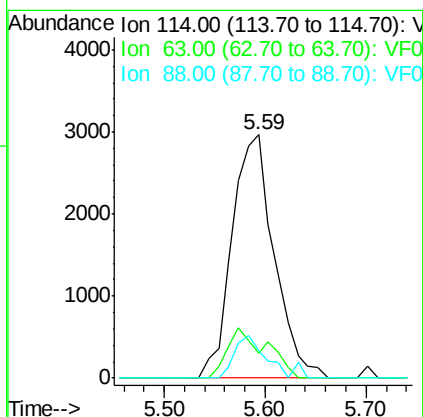
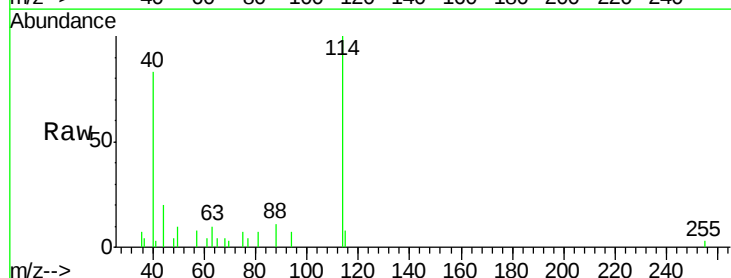
Instrument :
 MSVOA_F
 ClientSampled :
 TP-9

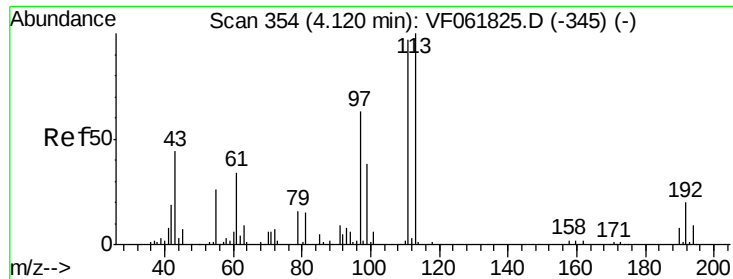
Tot Ion: 65 Resp: 920
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061873.D
 Acq: 8 Mar 2019 20:13

Tgt Ion: 114 Resp: 8611
 Ion Ratio Lower Upper
 114 100
 63 10.1 0.0 35.6
 88 11.3 0.0 35.6

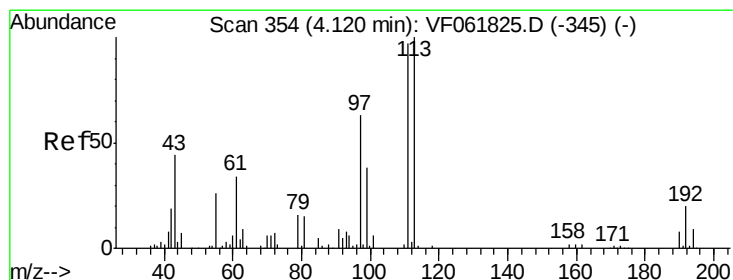
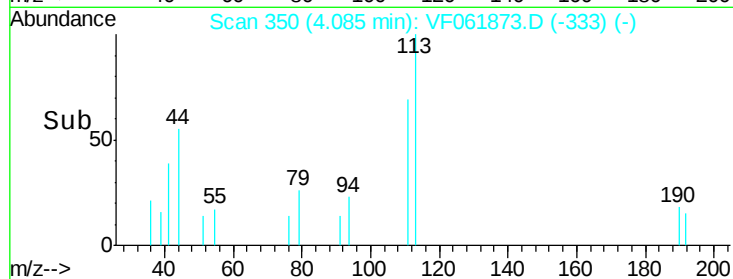
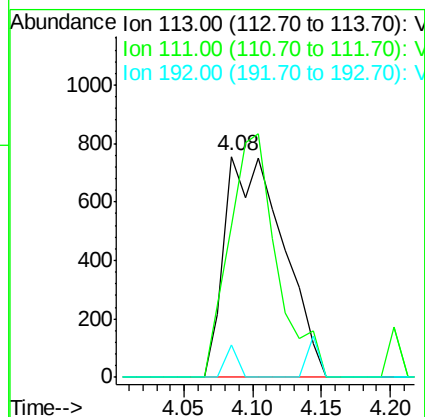
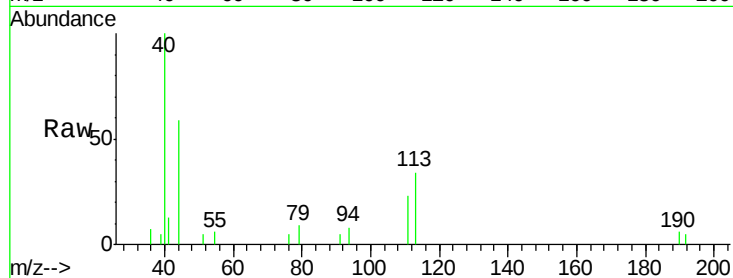




#35
Dibromofluoromethane
Concen: 37.092 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

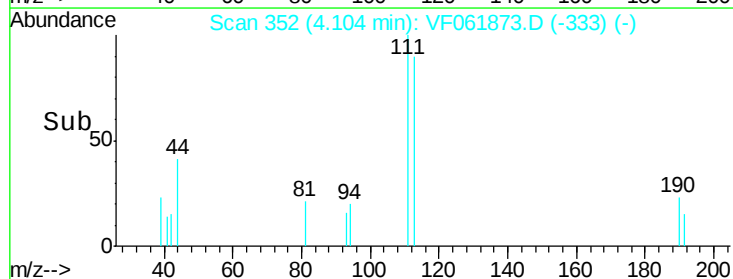
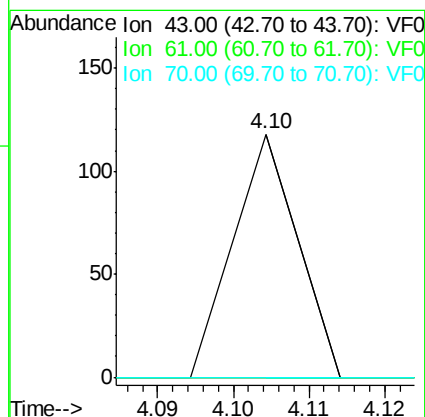
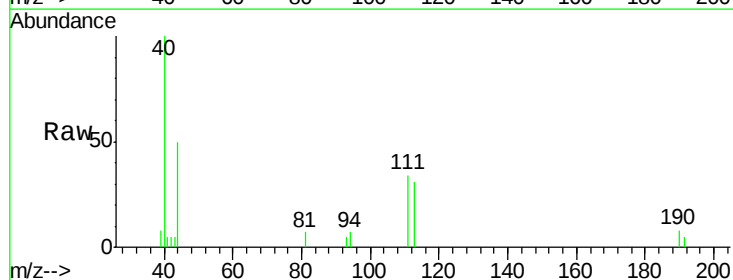
Instrument :
MSVOA_F
ClientSampled :
TP-9

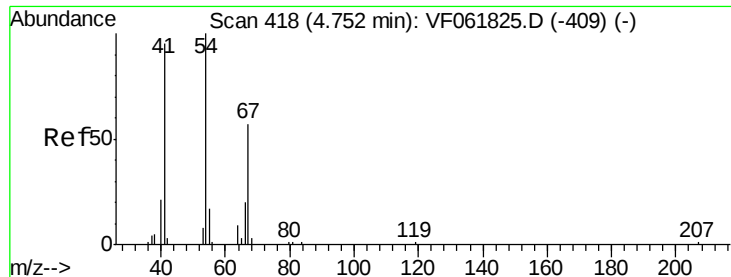
Tot Ion:113 Resp: 2229
Ion Ratio Lower Upper
113 100
111 68.6 77.6 116.4#
192 15.0 15.9 23.9#



#37
Ethyl Acetate
Concen: 2.050 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
61 0.0 60.7 91.1#
70 0.0 10.6 15.8#

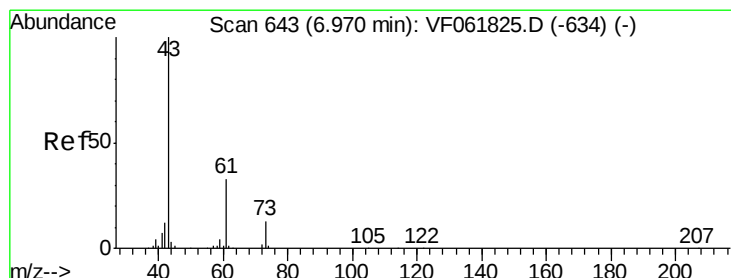
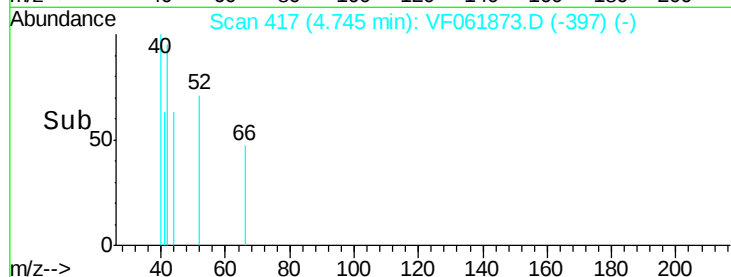
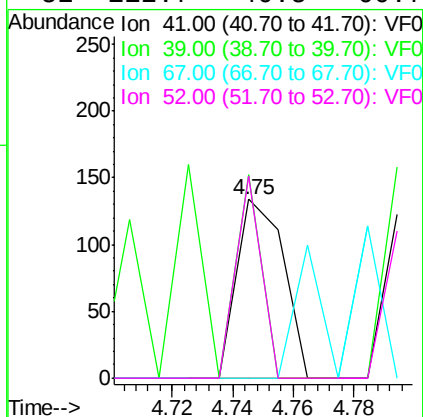
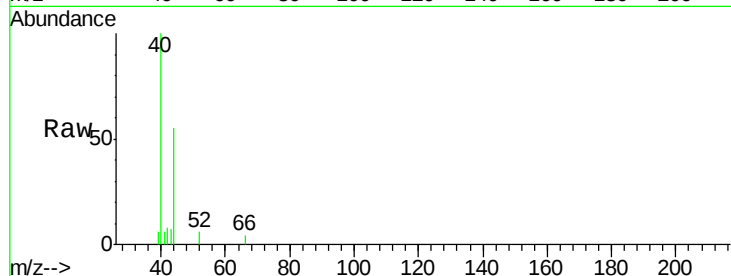




#41
Methacrylonitrile
Concen: 7.752 ug/l
RT: 4.75 min Scan# 417
Delta R.T. -0.01 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

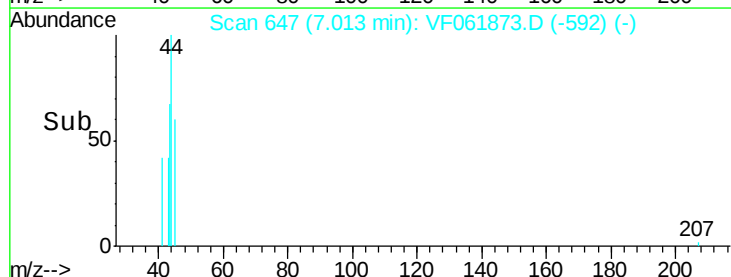
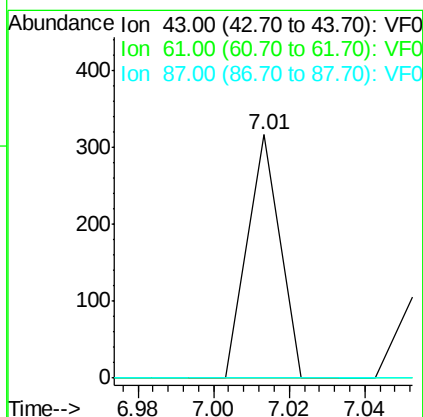
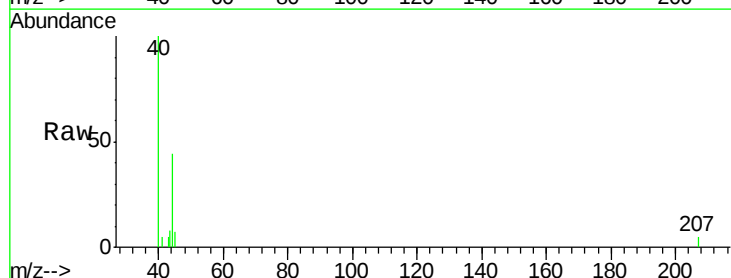
Instrument :
MSVOA_F
ClientSampleId :
TP-9

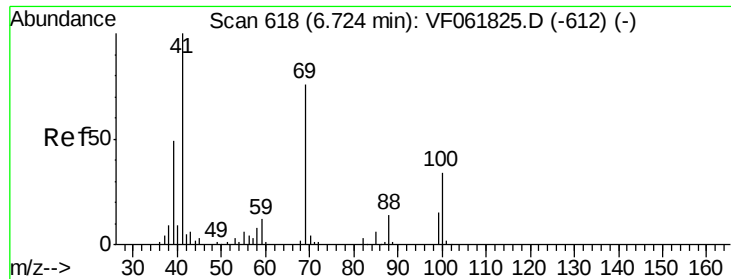
Tot Ion	Ion	Ratio	Lower	Upper	Resp
41	100				145
39	113.4	43.0	64.6#		
67	0.0	47.8	71.8#		
52	112.7	40.5	60.7#		



#43
Isopropyl Acetate
Concen: 4.467 ug/l
RT: 7.01 min Scan# 647
Delta R.T. 0.04 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion	Ion	Ratio	Lower	Upper	Resp
43	100				188
61	0.0	26.1	39.1#		
87	0.0	0.0	0.0		

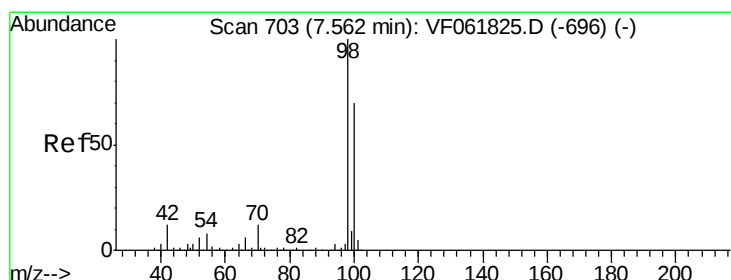
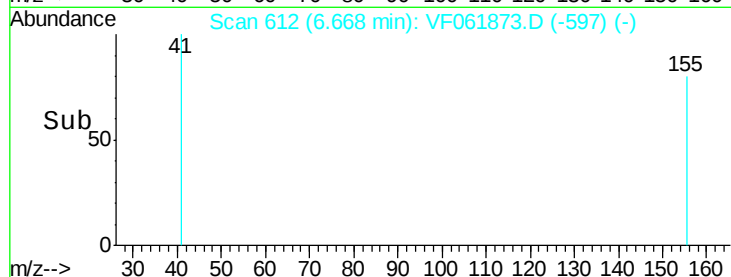
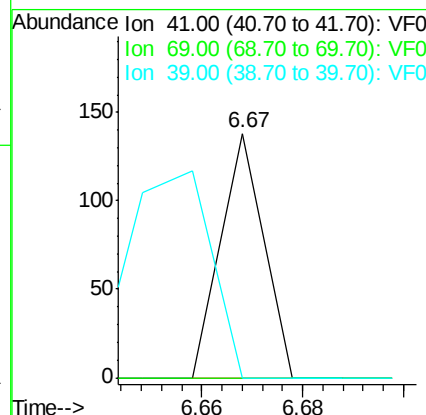
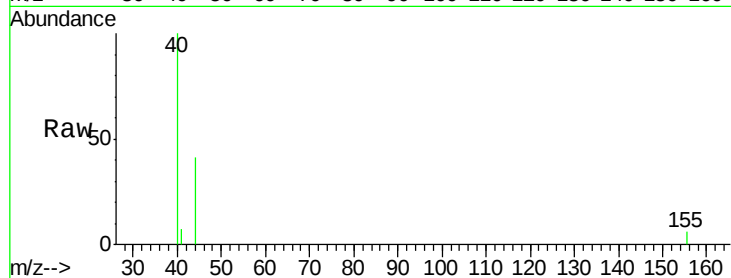




#48
Methvl methacrylate
Concen: 3.079 ug/l
RT: 6.67 min Scan# 612
Delta R.T. -0.06 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

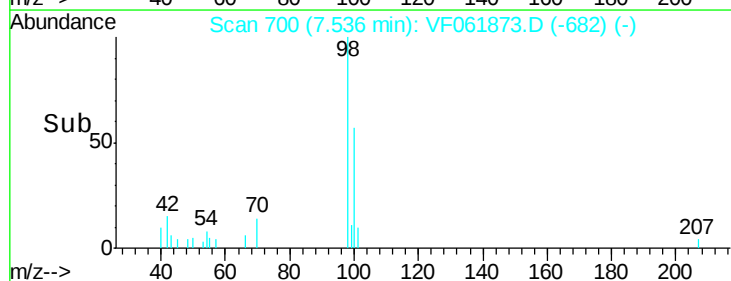
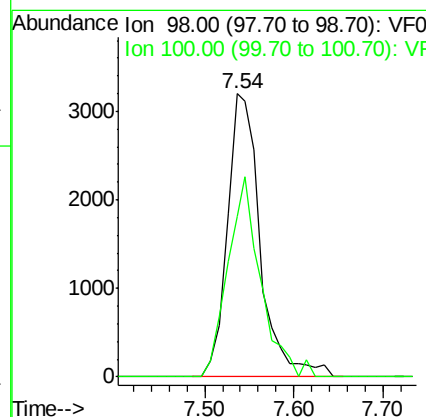
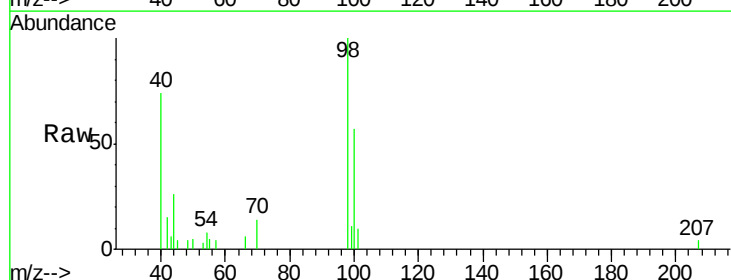
Instrument :
MSVOA_F
ClientSampled :
TP-9

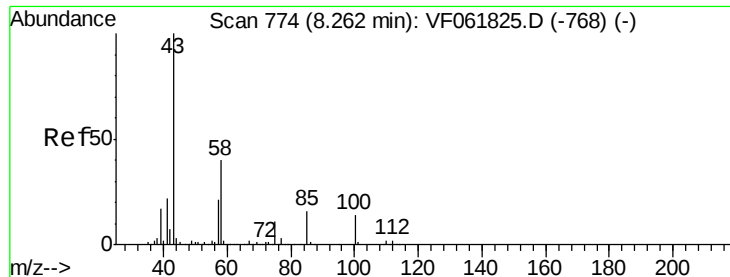
Tot Ion: 41 Resp: 82
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 0.0 39.7 59.5#



#50
Toluene-d8
Concen: 46.362 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion: 98 Resp: 8281
Ion Ratio Lower Upper
98 100
100 56.7 56.0 84.0





#51

4-Methyl-2-Pentanone

Concen: 5.398 ug/l

RT: 8.20 min Scan# 767

Delta R.T. -0.07 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

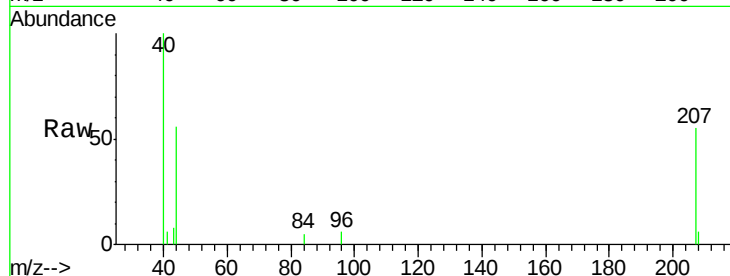
TP-9

Tot Ion: 43 Resp: 157

Ion Ratio Lower Upper

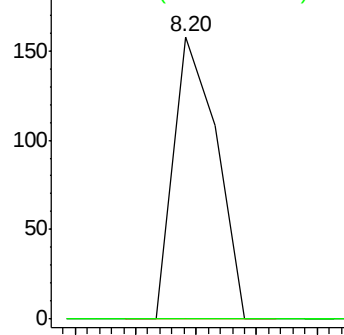
43 100

58 0.0 31.8 47.8#

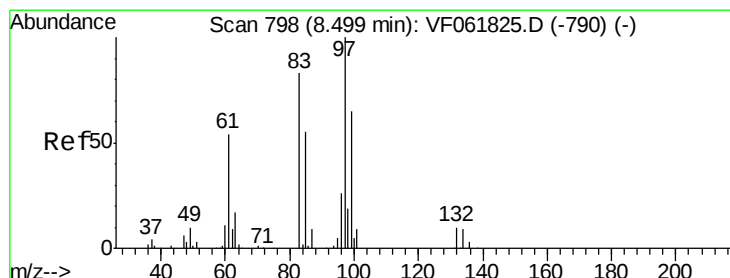
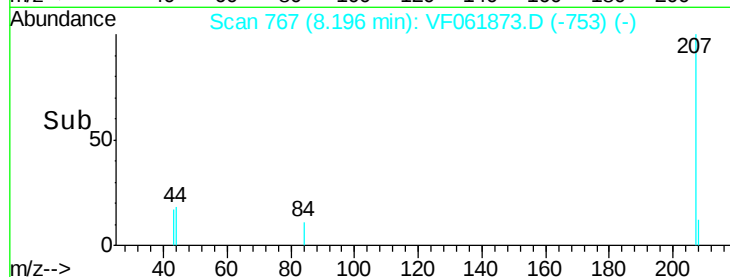


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time--> 8.16 8.18 8.20 8.22 8.24



#55

1,1,2-Trichloroethane

Concen: 2.290 ug/l

RT: 8.44 min Scan# 792

Delta R.T. -0.06 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Tgt Ion: 97 Resp: 83

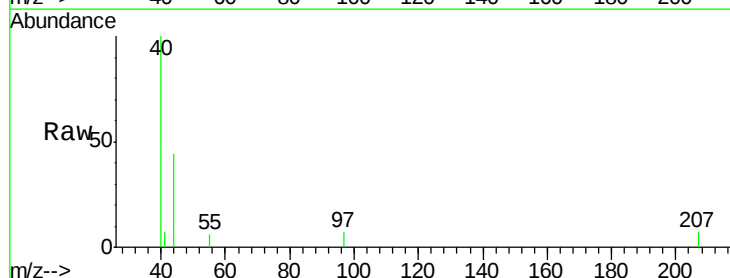
Ion Ratio Lower Upper

97 100

83 0.0 66.5 99.7#

85 0.0 44.2 66.2#

99 0.0 51.8 77.6#

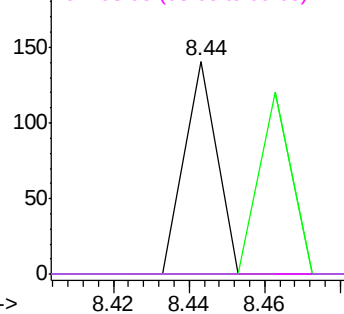


Abundance Ion 97.00 (96.70 to 97.70): VF0

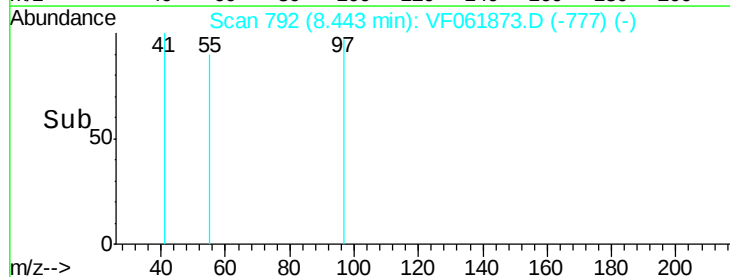
Ion 82.95 (82.65 to 83.65): VF0

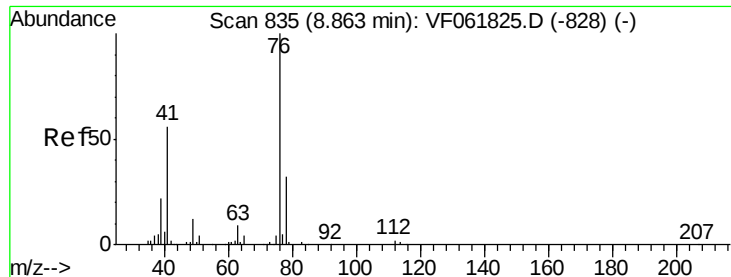
Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



Time--> 8.42 8.44 8.46





#57

1,3-Dichloropropane

Concen: 1.012 ug/l

RT: 8.84 min Scan# 832

Delta R.T. -0.03 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

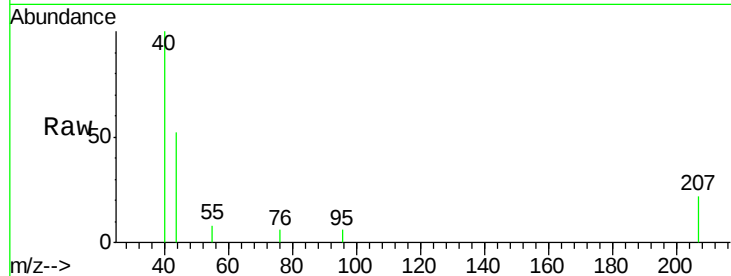
TP-9

Tot Ion: 76 Resp: 60

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

8.84

100

80

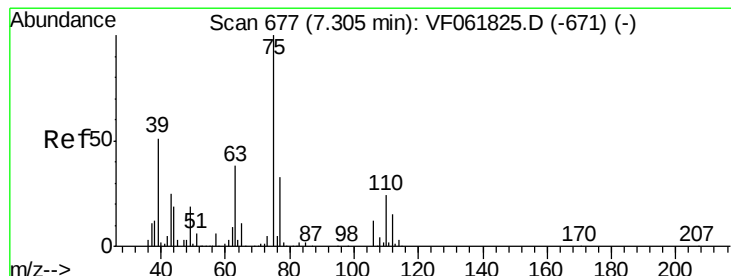
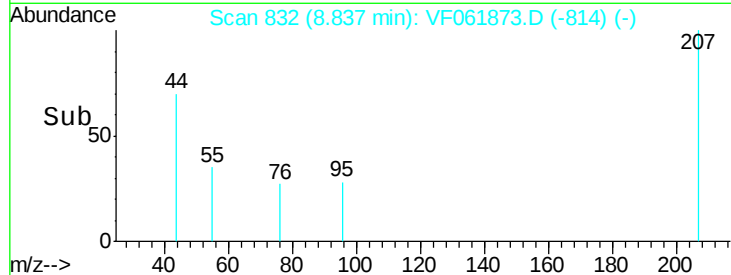
60

40

20

0

Time--> 8.80 8.82 8.84 8.86



#58

2-Chloroethyl Vinyl ether

Concen: 11.299 ug/l

RT: 7.36 min Scan# 682

Delta R.T. 0.05 min

Lab File: VF061873.D

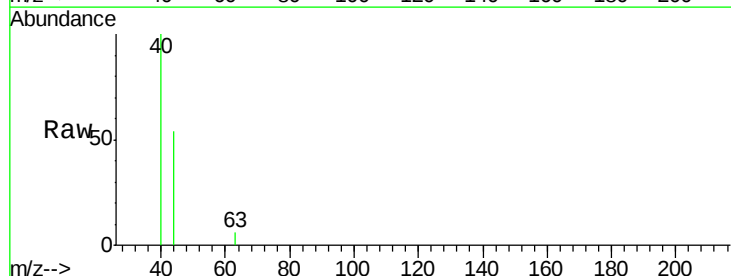
Acq: 8 Mar 2019 20:13

Tgt Ion: 63 Resp: 73

Ion Ratio Lower Upper

63 100

106 0.0 24.3 36.5#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

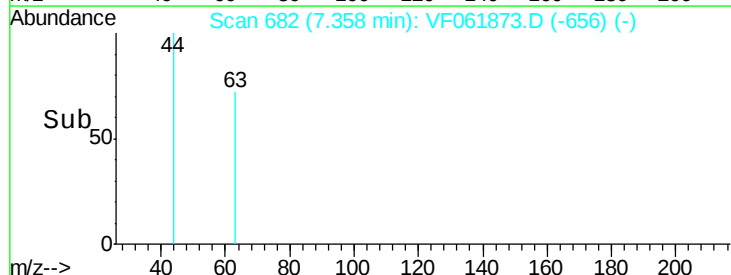
7.36

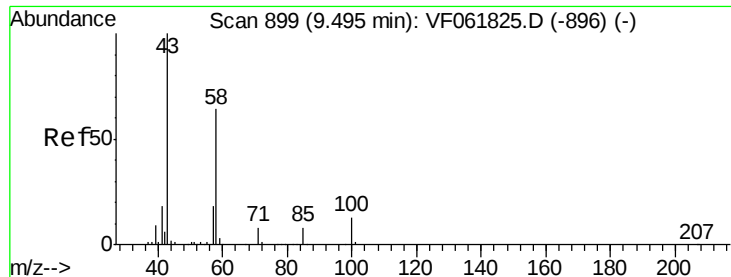
100

50

0

Time--> 7.32 7.34 7.36 7.38

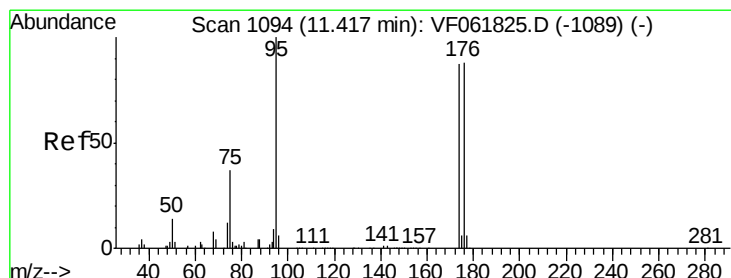
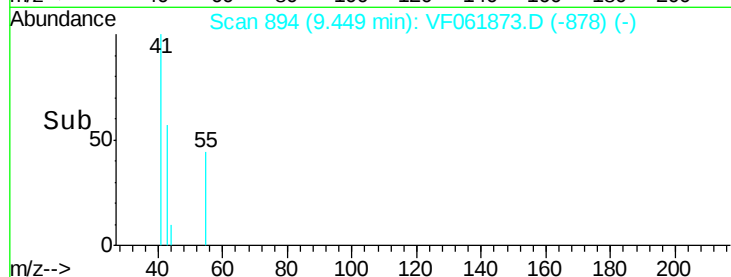
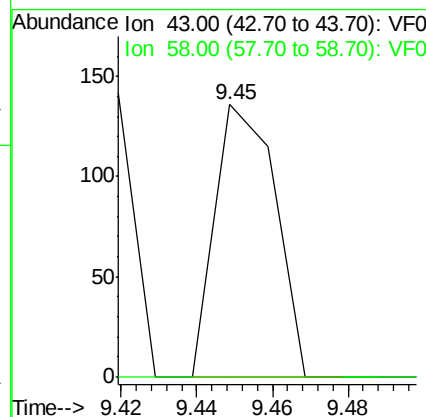
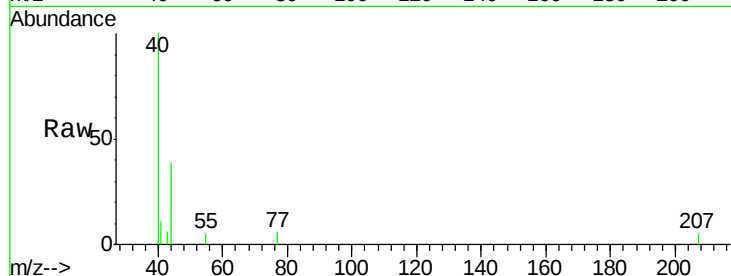




#59
2-Hexanone
Concen: 7.053 ug/l
RT: 9.45 min Scan# 894
Delta R.T. -0.05 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

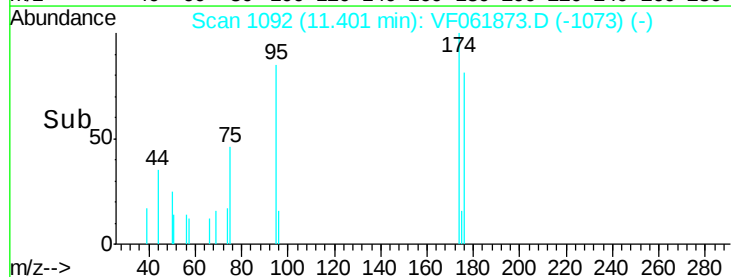
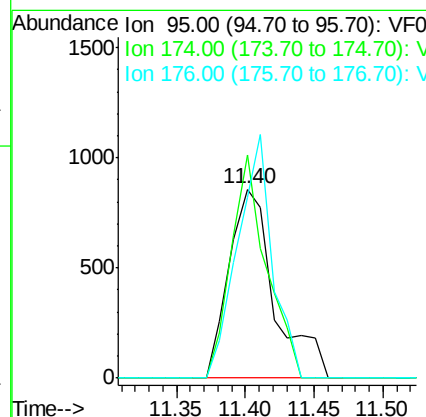
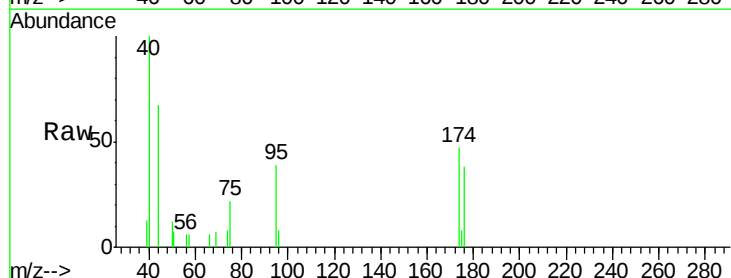
Instrument :
MSVOA_F
ClientSampleId :
TP-9

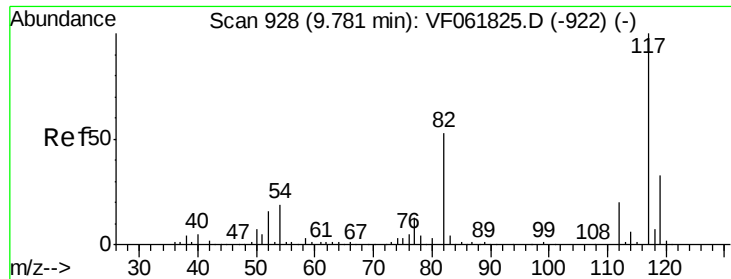
Tot Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: 28.241 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion: 95 Resp: 1976
Ion Ratio Lower Upper
95 100
174 118.3 0.0 174.0
176 95.5 0.0 175.2

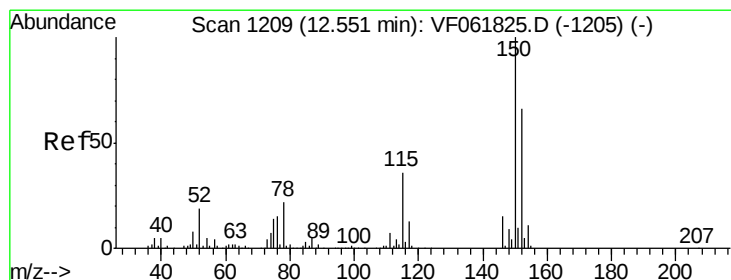
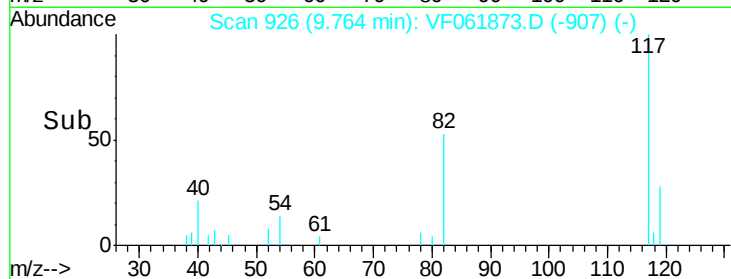
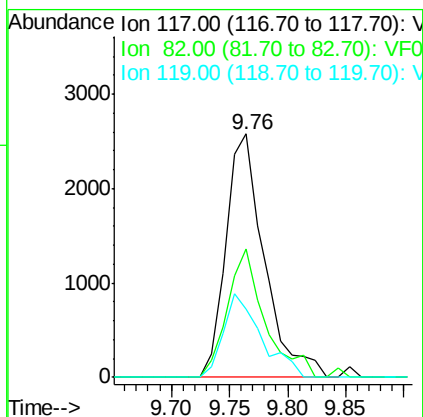
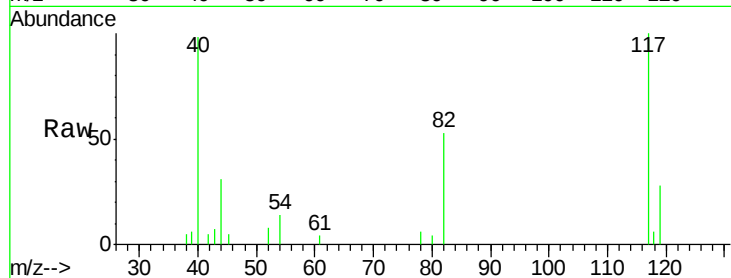




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

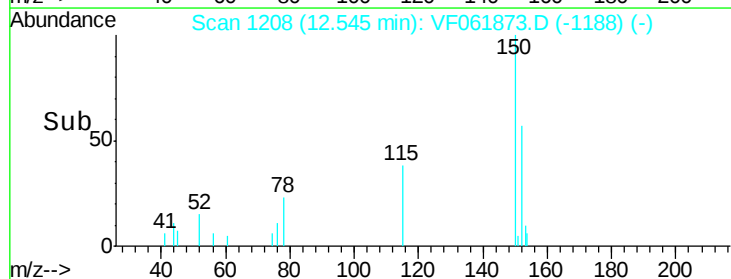
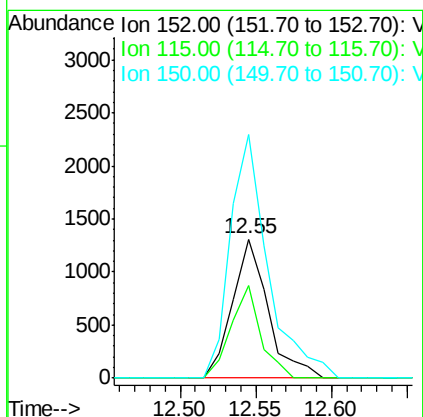
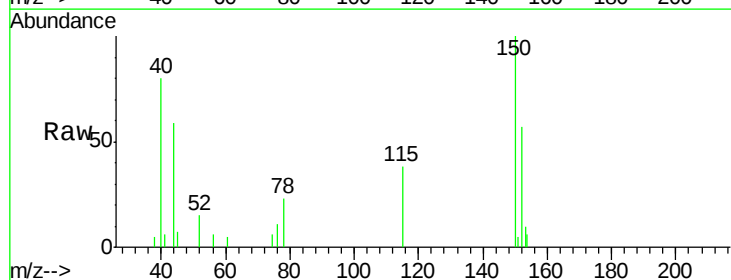
Instrument :
MSVOA_F
ClientSampled :
TP-9

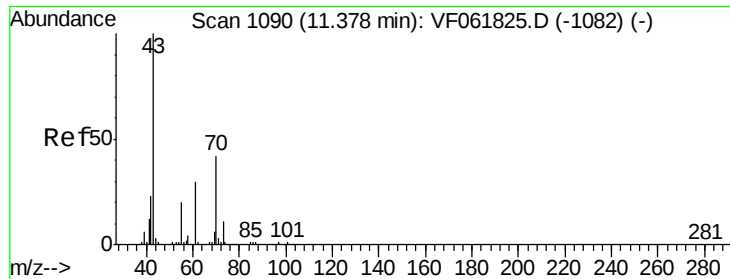
Tot Ion:117 Resp: 5881
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 27.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061873.D
Acq: 8 Mar 2019 20:13

Tgt Ion:152 Resp: 2146
Ion Ratio Lower Upper
152 100
115 66.8 27.7 83.1
150 175.3 0.0 304.2





#74

N-amvl acetate

Concen: 3.822 ug/l

RT: 11.30 min Scan# 1082

Delta R.T. -0.08 min

Lab File: VF061873.D

Acq: 8 Mar 2019 20:13

Instrument :

MSVOA_F

ClientSampled :

TP-9

Tot Ion: 43 Resp: 130

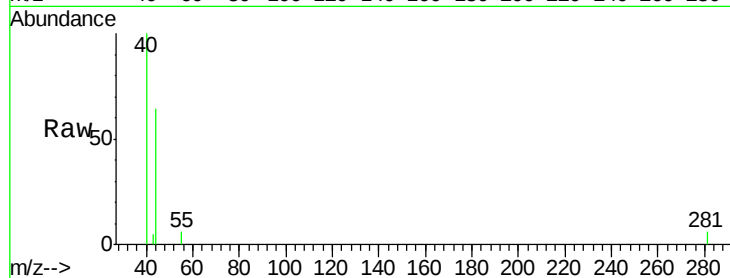
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 103.6 16.3 24.5#

61 0.0 24.0 36.0#

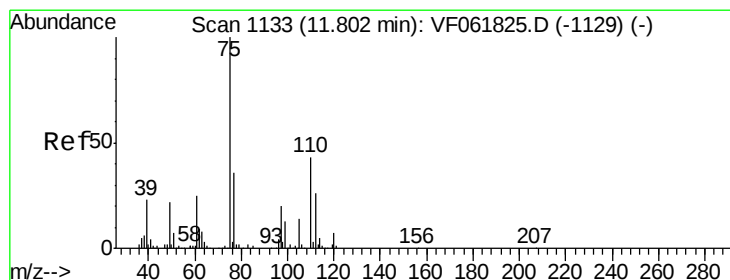
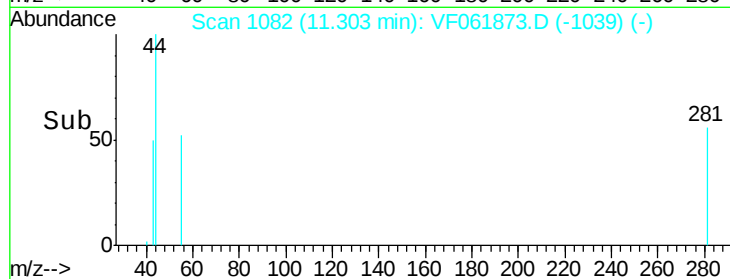
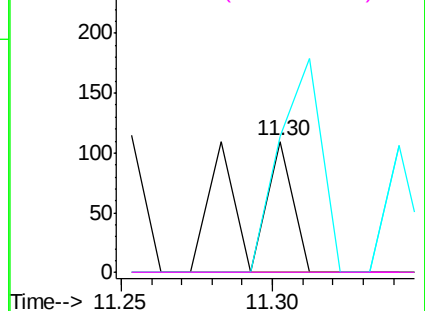


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#76

1,2,3-Trichloropropane

Concen: 4.356 ug/l

RT: 11.64 min Scan# 1116

Delta R.T. -0.16 min

Lab File: VF061873.D

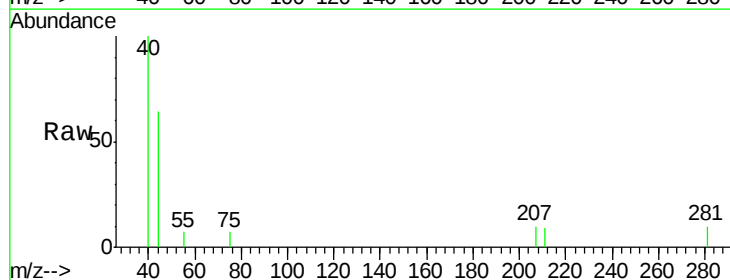
Acq: 8 Mar 2019 20:13

Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

77 0.0 18.1 54.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

