

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062024.D
 Acq On : 19 Mar 2019 18:20
 Operator : VA/AP
 Sample : K1958-03
 Misc : 7.40g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Mar 20 05:22:21 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	6454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	7935	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	5813	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	1880	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.81	65	1100	23.68	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	47.36%	
35) Dibromofluoromethane	4.09	113	2182	40.95	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	81.90%	
50) Toluene-d8	7.54	98	8119	52.12	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.40	95	1913	30.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	61.82%	

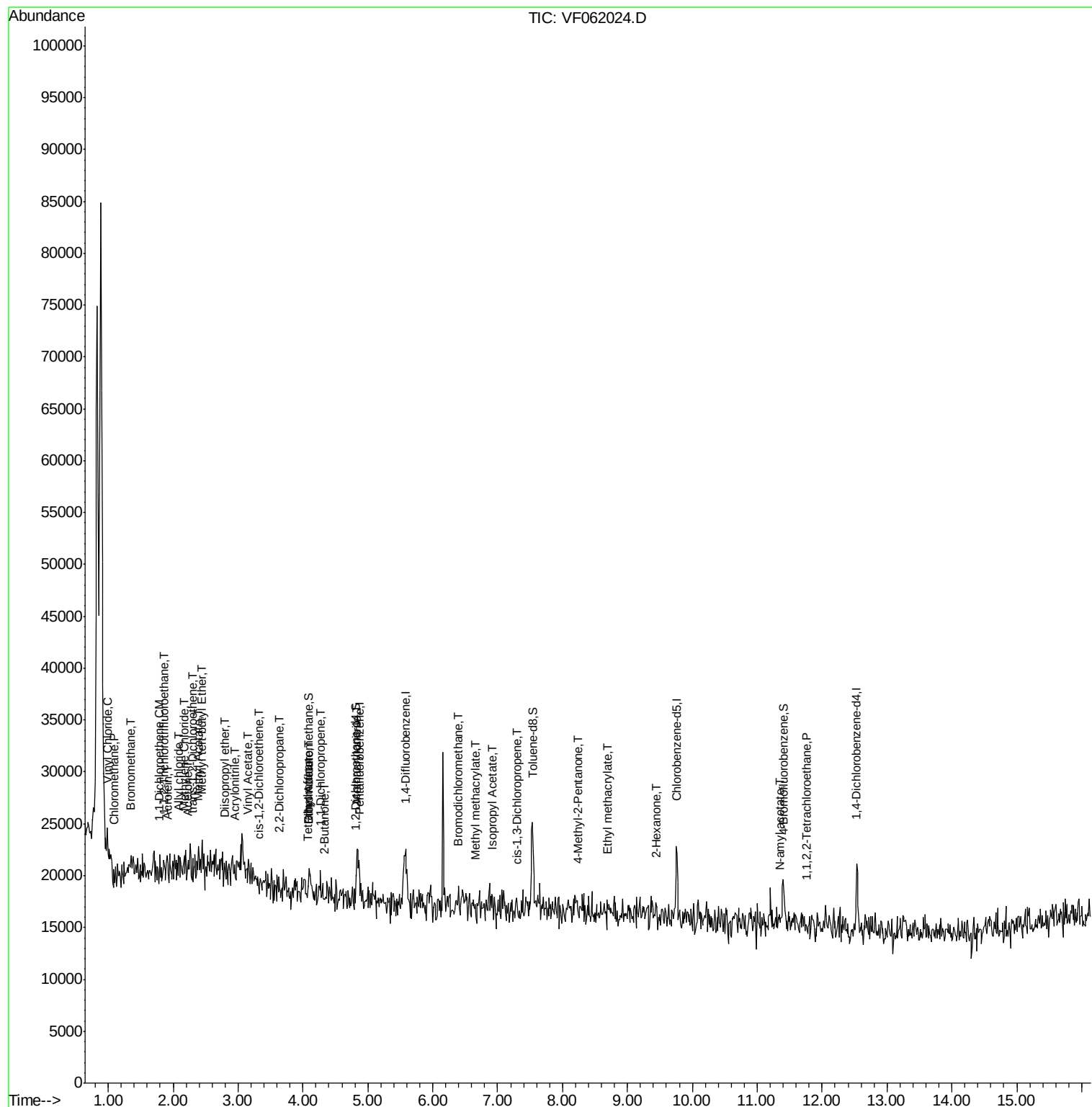
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	108	1.545	ug/l #	46
4) Vinyl Chloride	0.99	62	79	1.168	ug/l #	40
5) Bromomethane	1.34	94	652	13.725	ug/l #	3
9) 1,1,2-Trichlorotrifluoroet	1.85	101	66	1.046	ug/l #	18
12) 1,1-Dichloroethene	1.78	96	77	1.414	ug/l #	1
13) Acrolein	1.92	56	515	167.811	ug/l	91
14) Allyl chloride	2.08	41	653	9.391	ug/l #	70
15) Acrylonitrile	2.94	53	313	36.206	ug/l #	18
16) Acetone	2.22	43	1372	131.513	ug/l #	50
18) Methyl Acetate	2.40	43	634	29.705	ug/l #	63
19) Methyl tert-butyl Ether	2.45	73	131	1.327	ug/l #	1
20) Methylene Chloride	2.16	84	183	3.407	ug/l #	48
21) trans-1,2-Dichloroethene	2.29	96	135	2.375	ug/l #	1
22) Diisopropyl ether	2.80	45	568	3.396	ug/l #	1
23) Vinyl Acetate	3.17	43	769	11.664	ug/l #	77
25) 2-Butanone	4.33	43	167	8.083	ug/l #	51
26) 2,2-Dichloropropane	3.63	77	70	1.526	ug/l #	54
27) cis-1,2-Dichloroethene	3.32	96	72	1.005	ug/l	1
29) Tetrahydrofuran	4.06	42	105	11.686	ug/l #	33
36) 1,1-Dichloropropene	4.28	75	73	1.019	ug/l #	42
37) Ethyl Acetate	4.10	43	389	12.090	ug/l #	19
41) Methacrylonitrile	4.82	41	157	9.133	ug/l #	1
43) Isopropyl Acetate	6.91	43	61	1.602	ug/l #	38
47) Bromodichloromethane	6.38	83	64	1.016	ug/l #	25
48) Methyl methacrylate	6.66	41	73	2.967	ug/l #	20
51) 4-Methyl-2-Pentanone	8.25	43	63	2.331	ug/l #	36
54) cis-1,3-Dichloropropene	7.31	75	85	1.224	ug/l #	34
56) Ethyl methacrylate	8.69	69	81	2.201	ug/l #	24
59) 2-Hexanone	9.44	43	192	9.814	ug/l #	23
74) N-amyl acetate	11.34	43	162	5.443	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.76	83	72	3.358	ug/l #	22

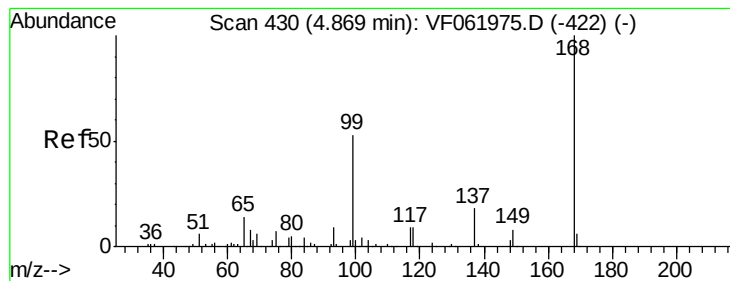
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

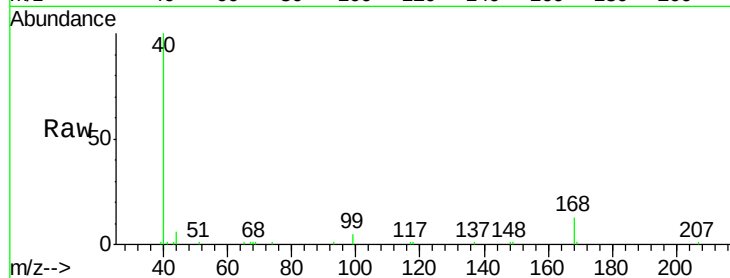
ClientSampleId :

Tot Ion:168 Resp: 6454

Ion Ratio Lower Upper

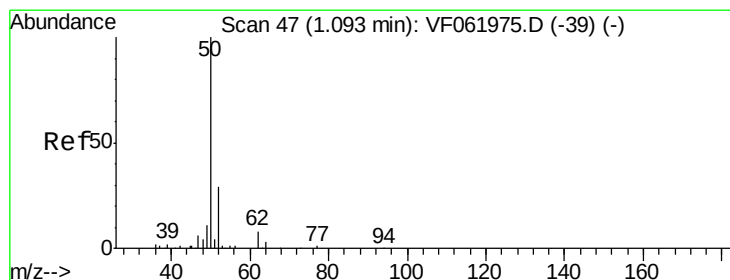
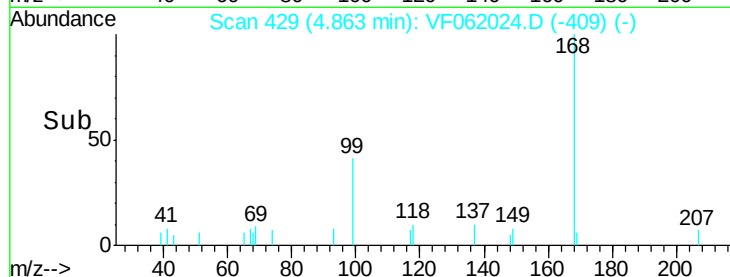
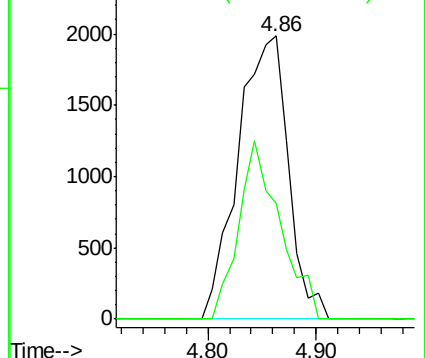
168 100

99 40.9 42.4 63.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: 1.545 ug/l

RT: 1.10 min Scan# 47

Delta R.T. 0.00 min

Lab File: VF062024.D

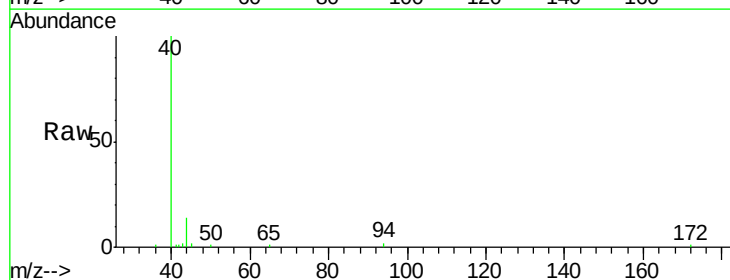
Acq: 19 Mar 2019 18:20

Tgt Ion: 50 Resp: 108

Ion Ratio Lower Upper

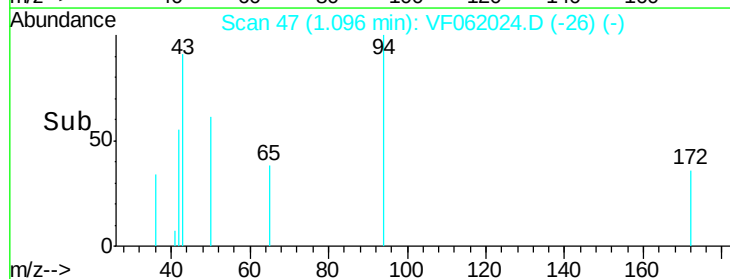
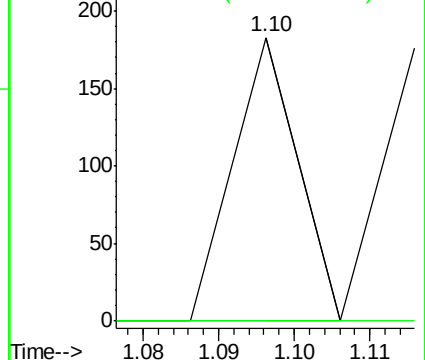
50 100

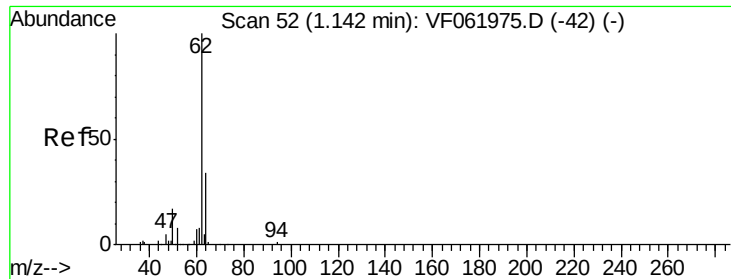
52 0.0 22.6 34.0#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#4

Vinyl Chloride

Concen: 1.168 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.15 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

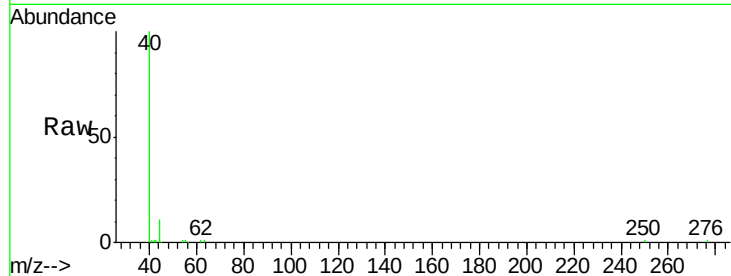
ClientSampleId :

Tot Ion: 62 Resp: 79

Ion Ratio Lower Upper

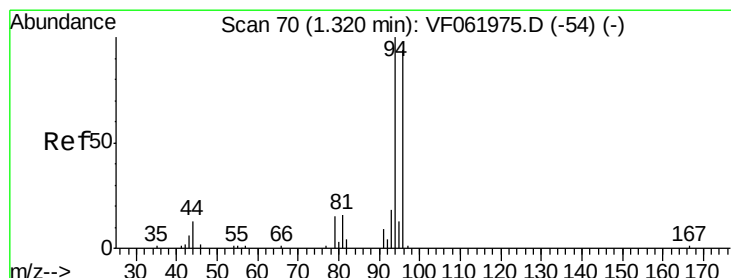
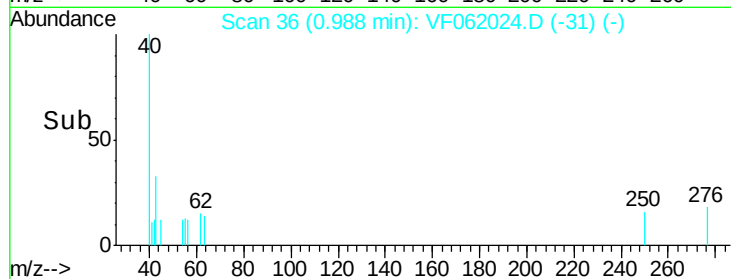
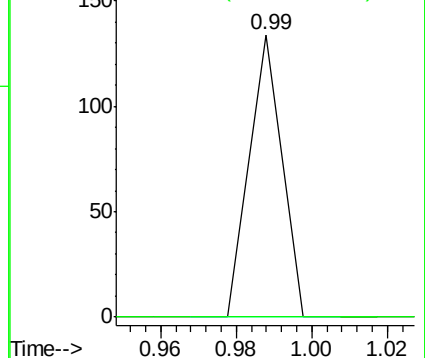
62 100

64 0.0 27.4 41.2#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



#5

Bromomethane

Concen: 13.725 ug/l

RT: 1.34 min Scan# 72

Delta R.T. 0.02 min

Lab File: VF062024.D

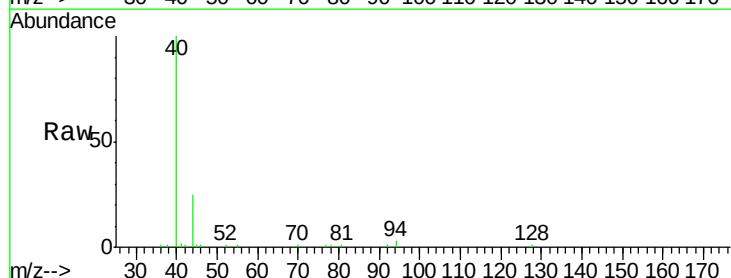
Acq: 19 Mar 2019 18:20

Tgt Ion: 94 Resp: 652

Ion Ratio Lower Upper

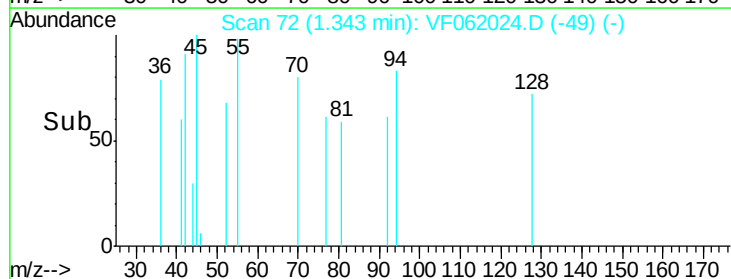
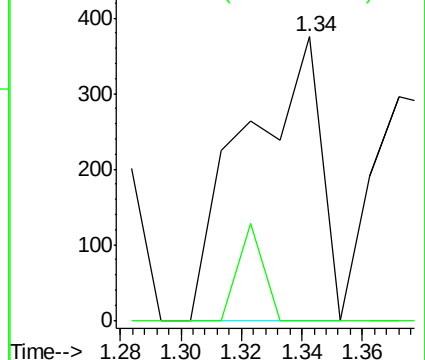
94 100

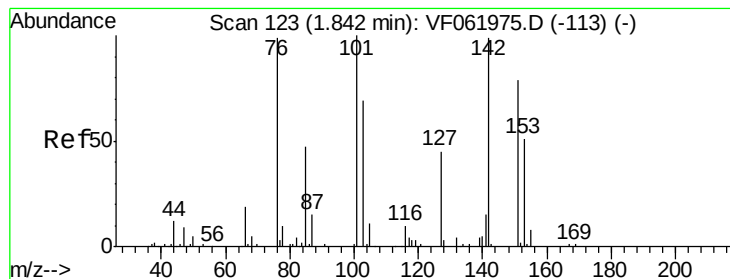
96 0.0 75.0 112.6#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.046 ug/l

RT: 1.85 min Scan# 123

Delta R.T. 0.00 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampleId :

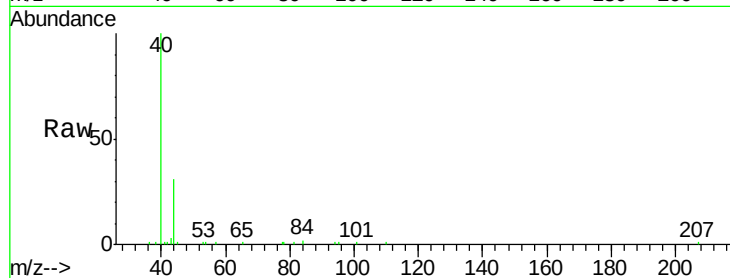
Tot Ion: 101 Resp: 66

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

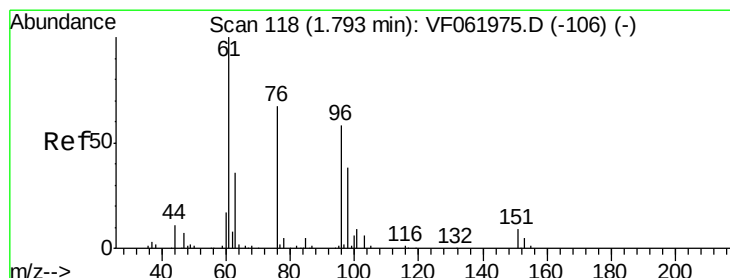
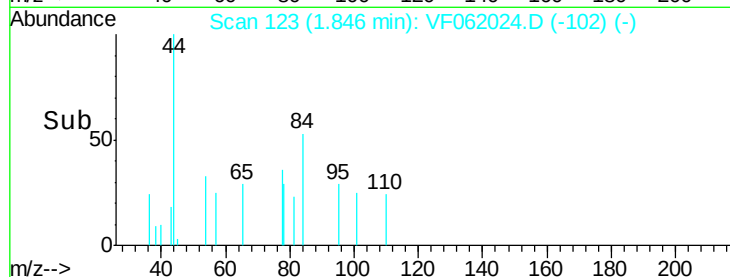
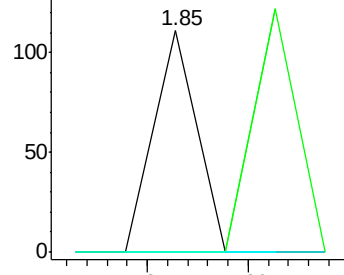
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.414 ug/l

RT: 1.78 min Scan# 116

Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

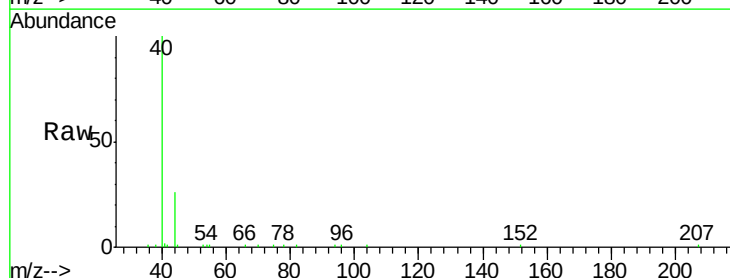
Tgt Ion: 96 Resp: 77

Ion Ratio Lower Upper

96 100

61 0.0 138.6 208.0#

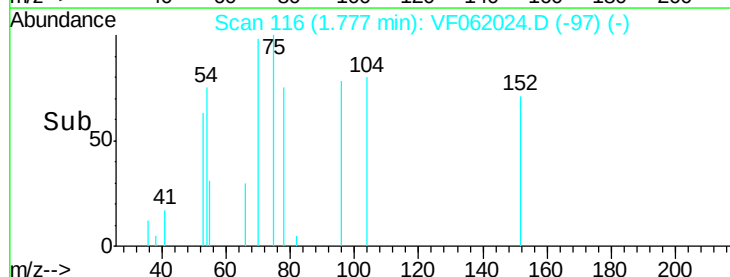
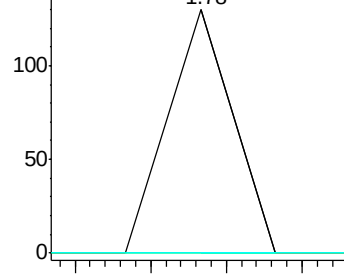
98 0.0 53.2 79.8#

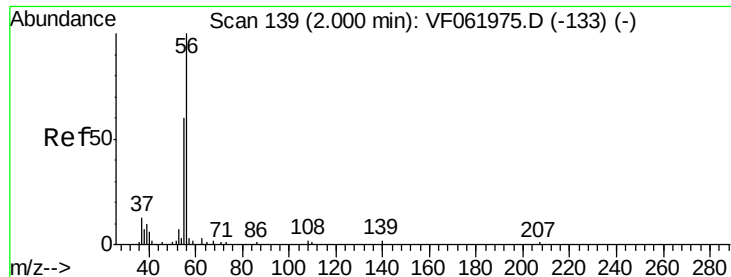


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 167.811 ug/l

RT: 1.92 min Scan# 131

Delta R.T. -0.07 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

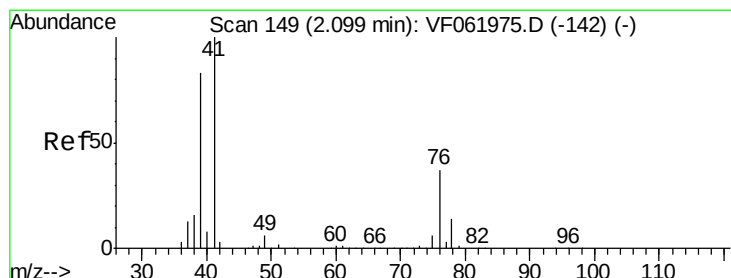
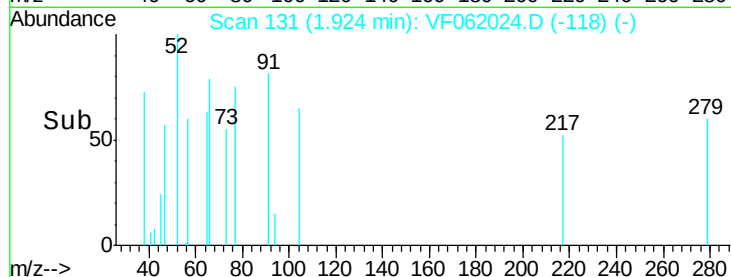
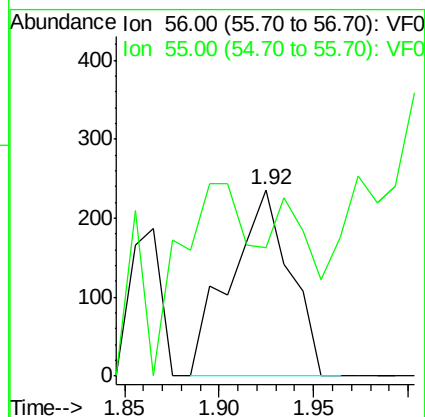
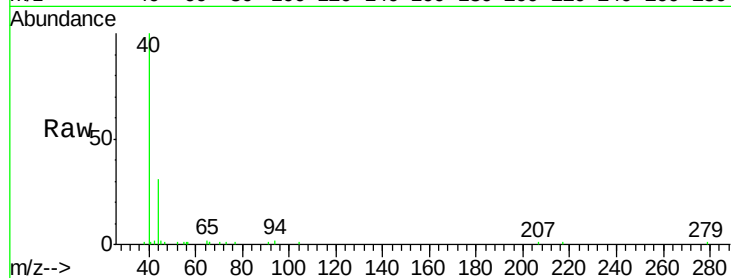
ClientSampleId :

Tot Ion: 56 Resp: 515

Ion Ratio Lower Upper

56 100

55 68.6 49.1 73.7



#14

Allyl chloride

Concen: 9.391 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

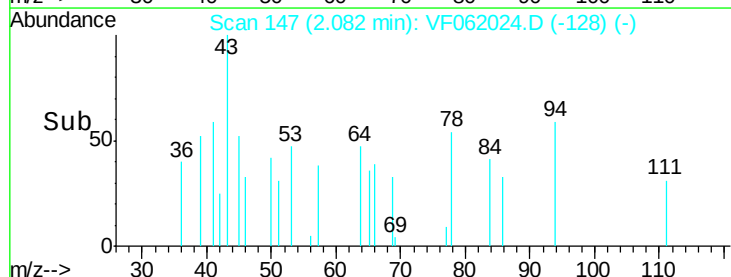
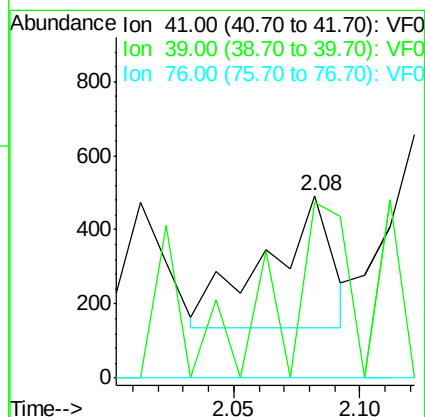
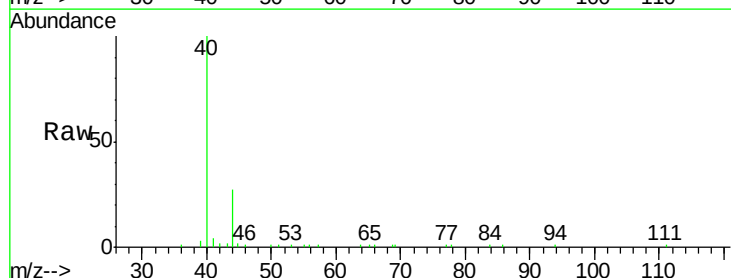
Tgt Ion: 41 Resp: 653

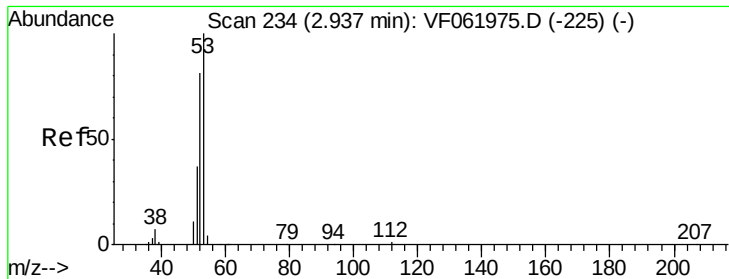
Ion Ratio Lower Upper

41 100

39 96.3 66.8 100.2

76 0.0 31.1 46.7#





#15

Acrylonitrile

Concen: 36.206 ug/l

RT: 2.94 min Scan# 234

Delta R.T. 0.00 min

Lab File: VF062024.D

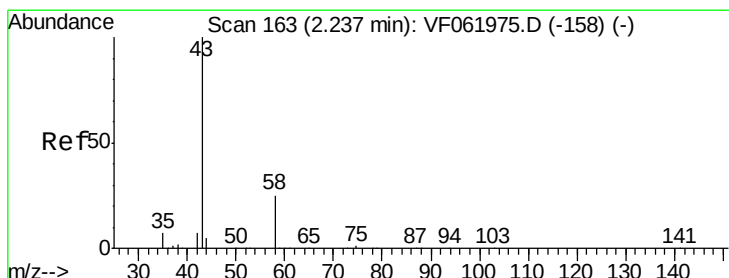
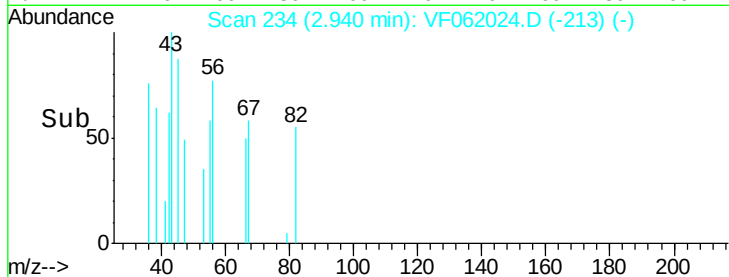
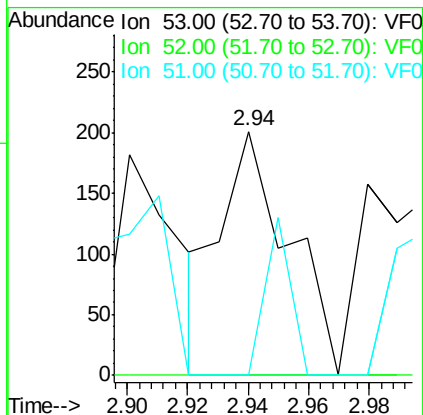
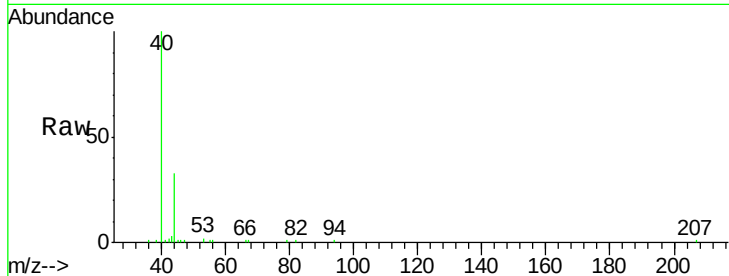
Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	53	Resp:	313
Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.4	96.6#
51	0.0	30.3	45.5#



#16

Acetone

Concen: 131.513 ug/l

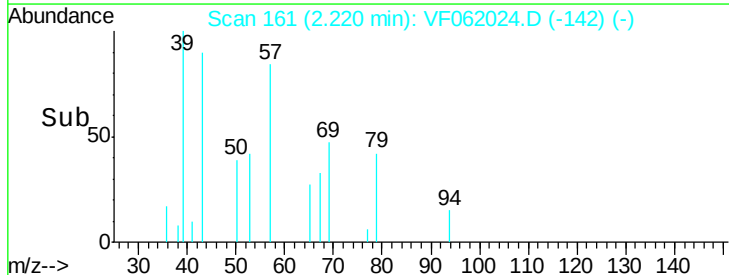
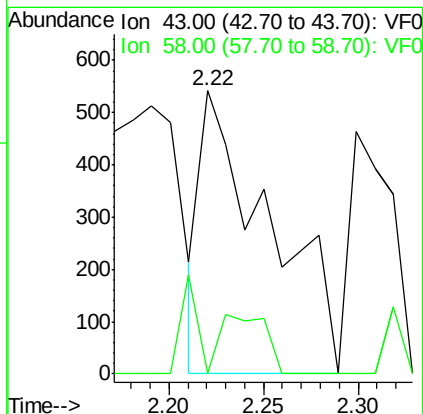
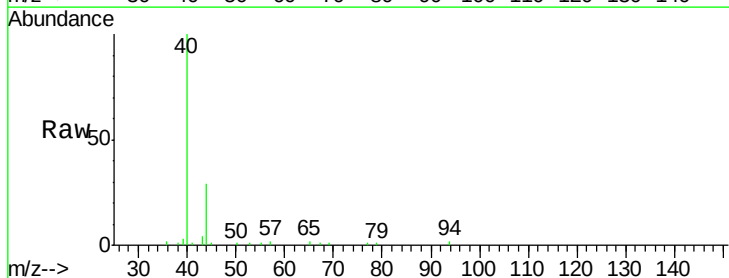
RT: 2.22 min Scan# 161

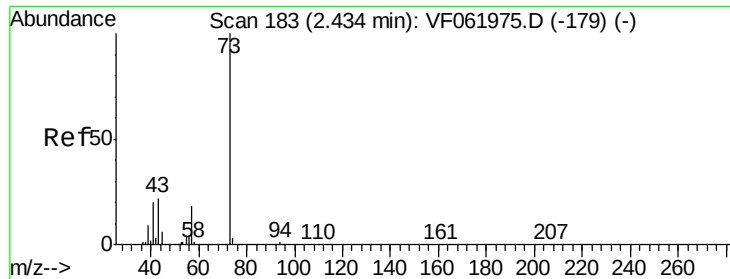
Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Tgt Ion:	43	Resp:	1372
Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#

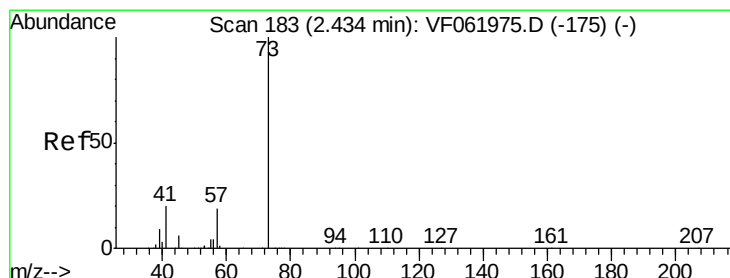
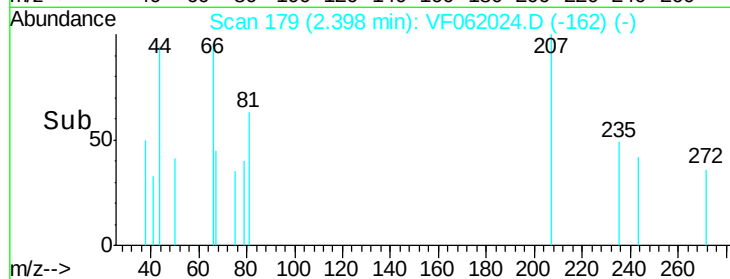
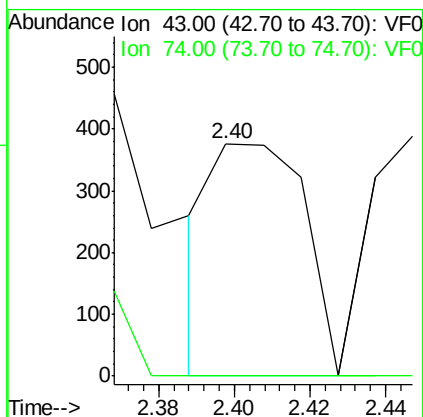
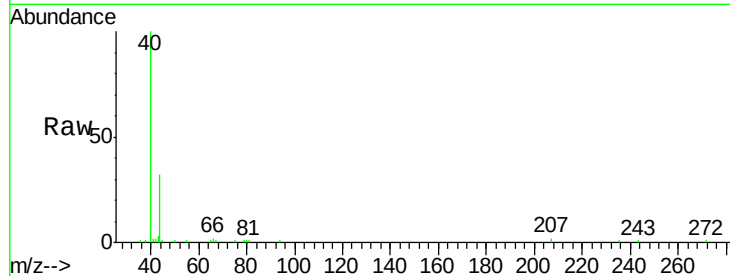




#18
Methyl Acetate
Concen: 29.705 ug/l
RT: 2.40 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

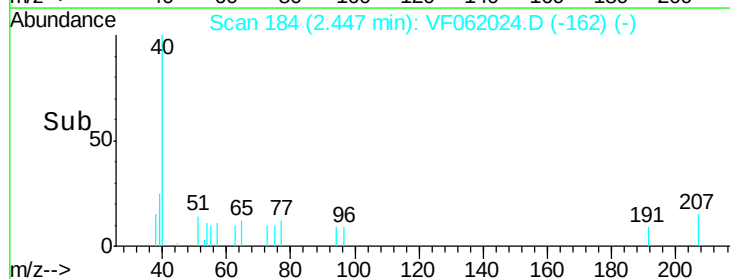
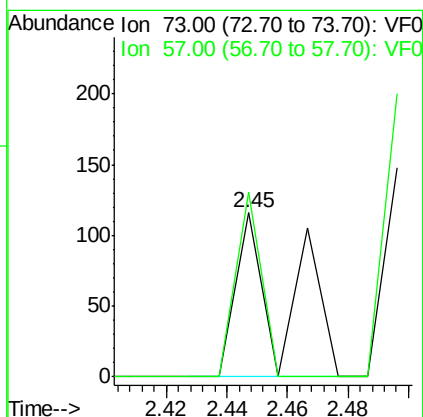
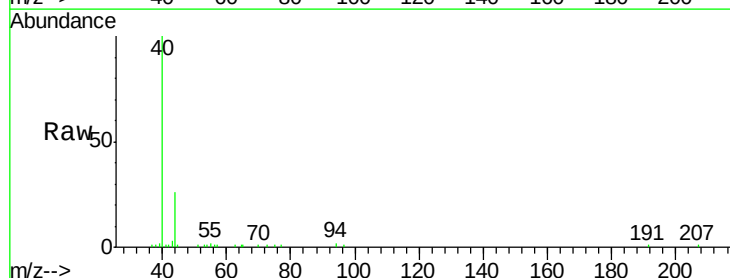
Instrument :
MSVOA_F
ClientSampleId :

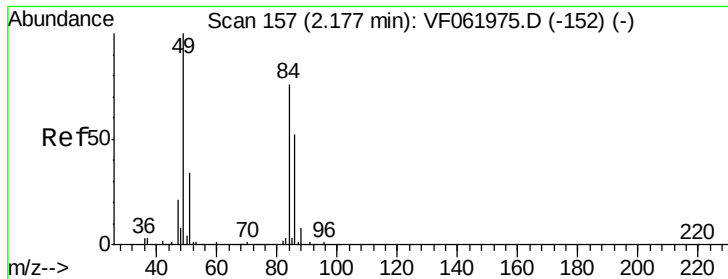
Tot Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
74 0.0 12.6 18.8#



#19
Methyl tert-butyl Ether
Concen: 1.327 ug/l
RT: 2.45 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 73 Resp: 131
Ion Ratio Lower Upper
73 100
57 112.9 15.3 22.9#





#20

Methylene Chloride

Concen: 3.407 ug/l

RT: 2.16 min Scan# 155

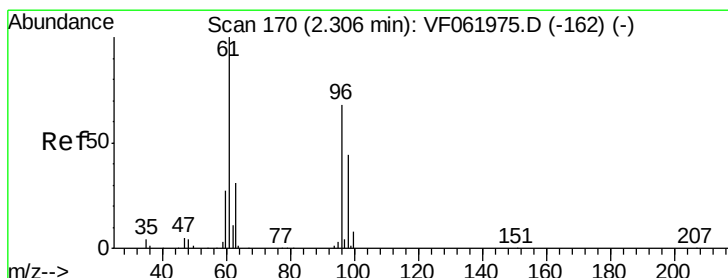
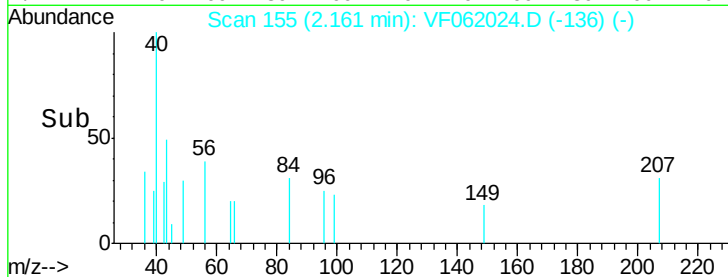
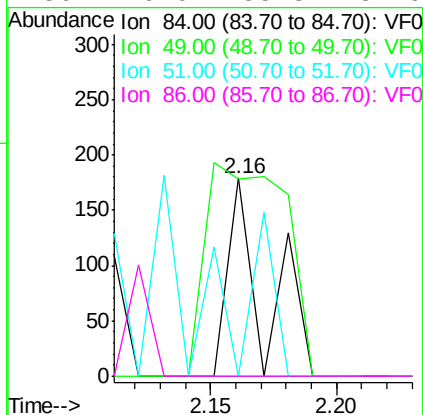
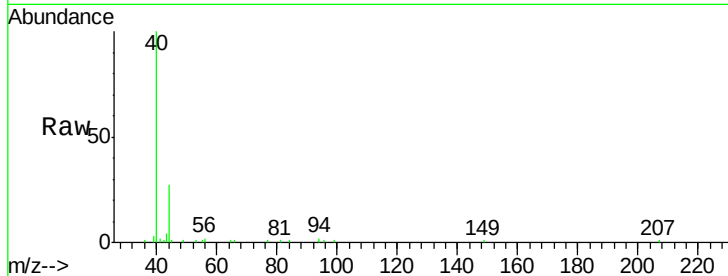
Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	84	Resp:	183
Ion	Ratio	Lower	Upper
84	100		
49	99.4	107.0	160.6#
51	0.0	37.2	55.8#
86	0.0	55.3	82.9#



#21

trans-1,2-Dichloroethene

Concen: 2.375 ug/l

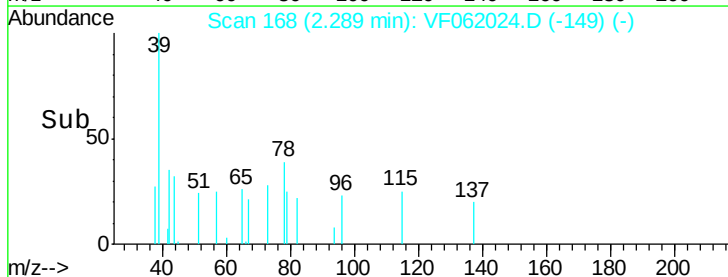
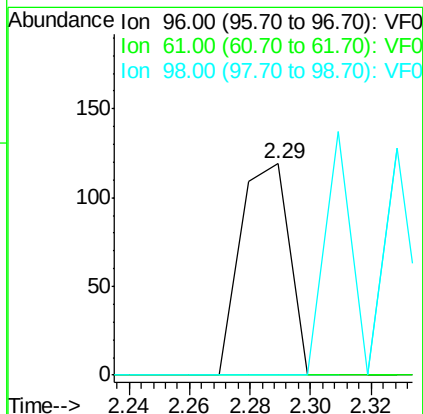
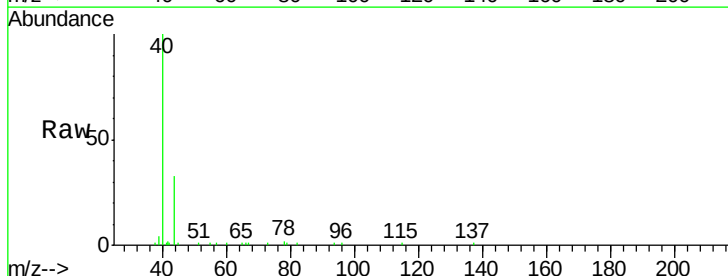
RT: 2.29 min Scan# 168

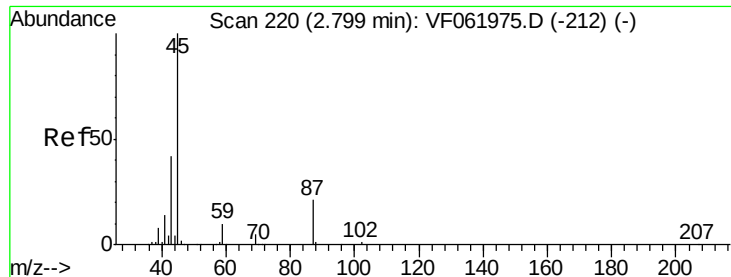
Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Tgt Ion:	96	Resp:	135
Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.4	176.2#
98	0.0	51.2	76.8#





#22

Diisopropyl ether

Concen: 3.396 ug/l

RT: 2.80 min Scan# 220

Delta R.T. 0.00 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampled :

Tot Ion: 45 Resp: 568

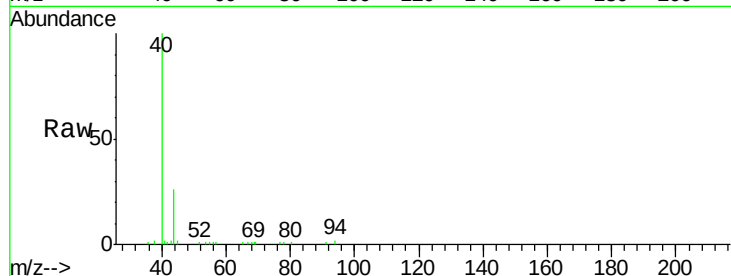
Ion Ratio Lower Upper

45 100

43 141.8 33.7 50.5#

87 0.0 17.1 25.7#

59 0.0 8.0 12.0#

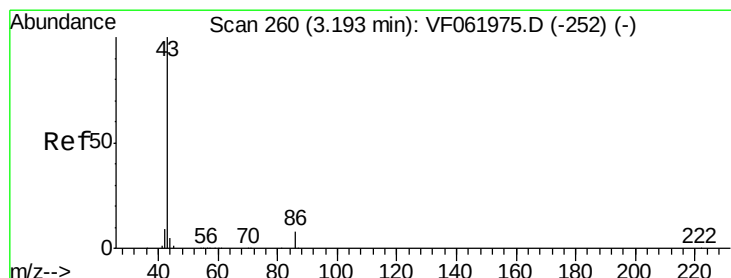
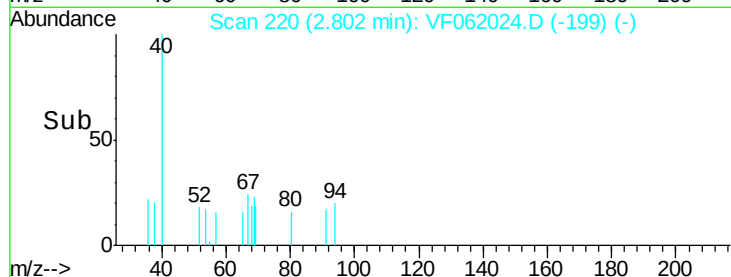
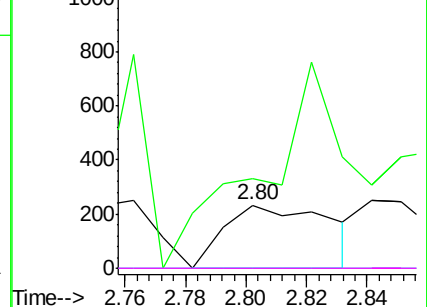


Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 11.664 ug/l

RT: 3.17 min Scan# 257

Delta R.T. -0.03 min

Lab File: VF062024.D

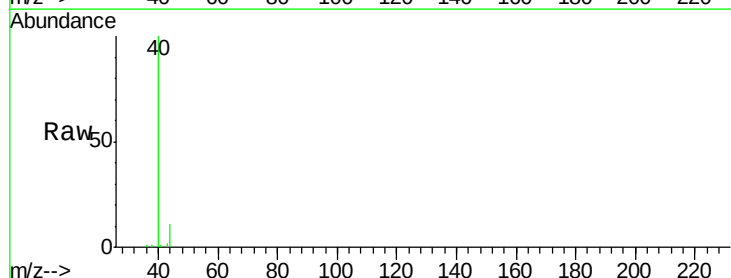
Acq: 19 Mar 2019 18:20

Tgt Ion: 43 Resp: 769

Ion Ratio Lower Upper

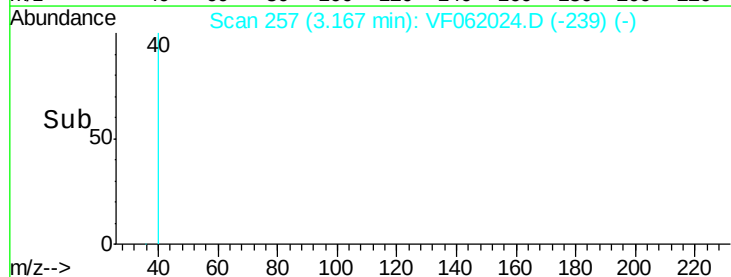
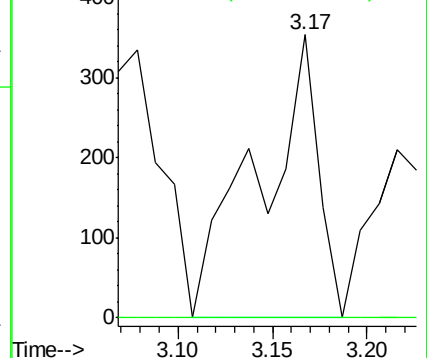
43 100

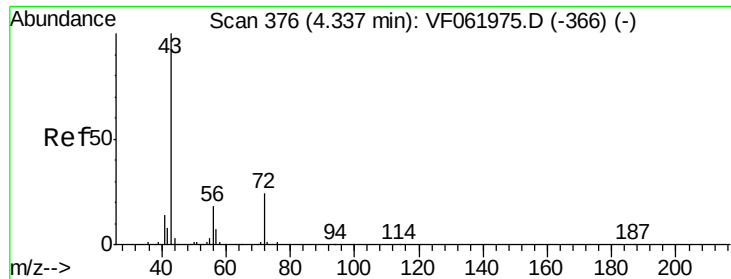
86 0.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 8.083 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.01 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

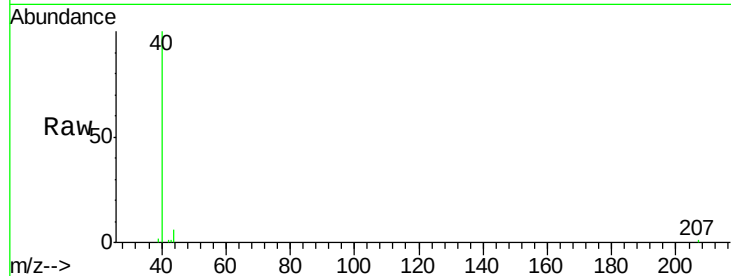
ClientSampleId :

Tot Ion: 43 Resp: 167

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.33

150

100

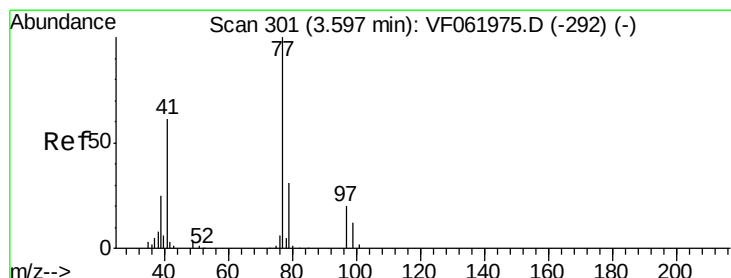
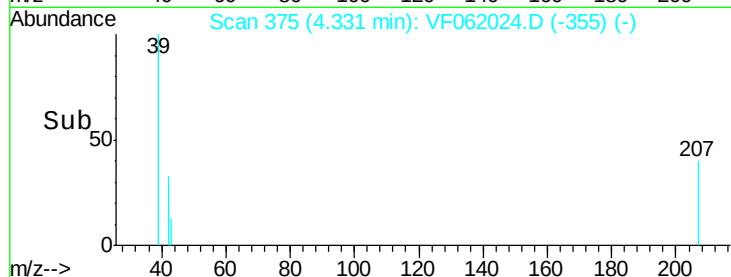
50

0

4.30

4.35

Time-->



#26

2,2-Dichloropropane

Concen: 1.526 ug/l

RT: 3.63 min Scan# 304

Delta R.T. 0.03 min

Lab File: VF062024.D

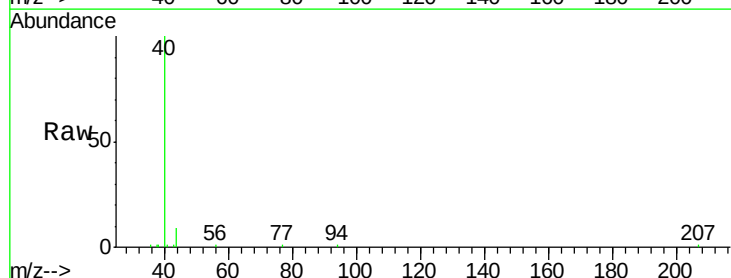
Acq: 19 Mar 2019 18:20

Tgt 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

3.63

100

50

0

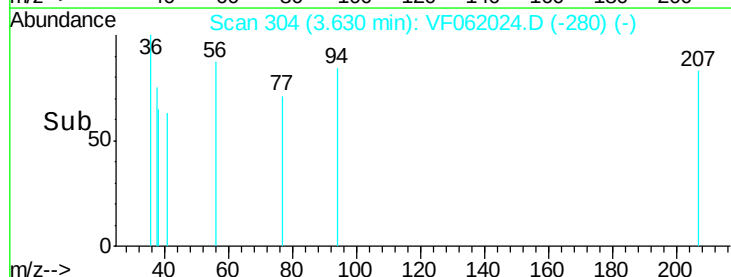
3.60

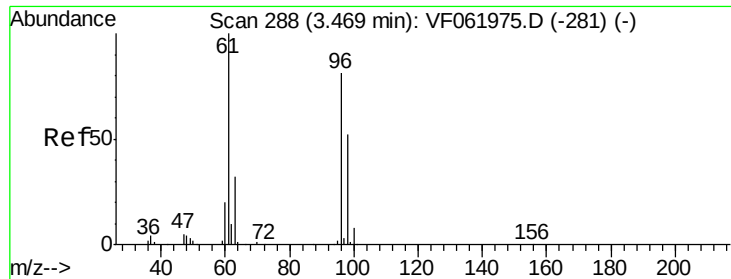
3.62

3.64

3.66

Time-->



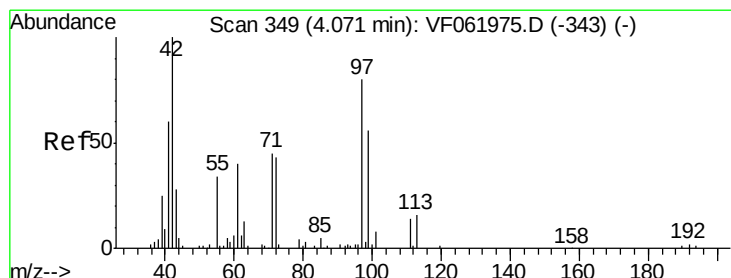
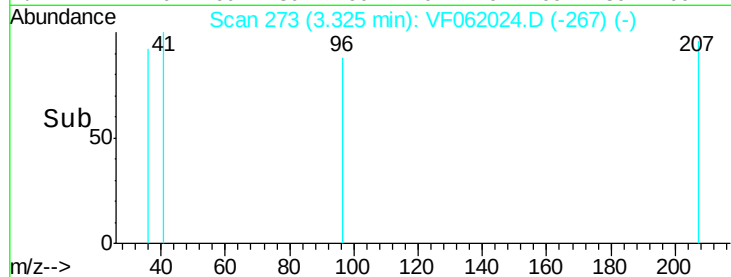
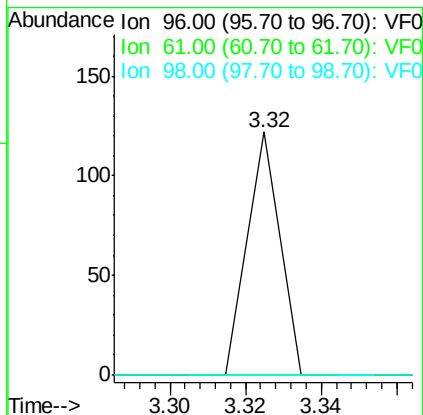
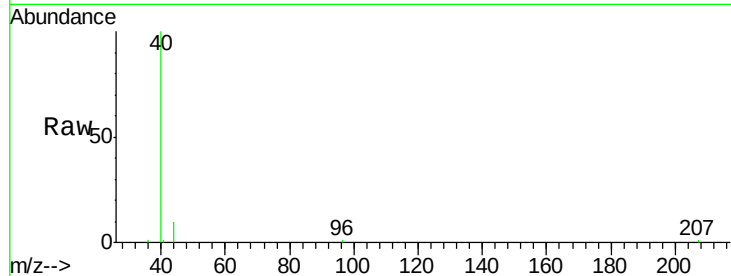


#27

cis-1,2-Dichloroethene
 Concen: 1.005 ug/l
 RT: 3.32 min Scan# 273
 Delta R.T. -0.14 min
 Lab File: VF062024.D
 Acq: 19 Mar 2019 18:20

Instrument :
 MSVOA_F
 ClientSampleId :

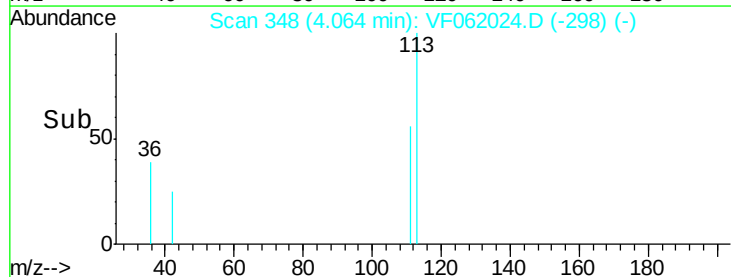
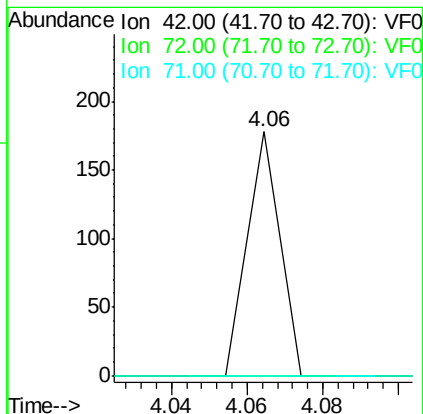
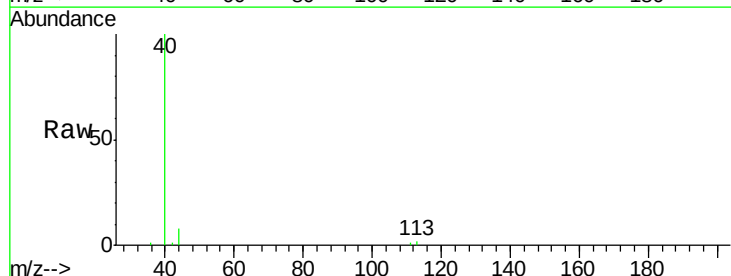
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	246.6
98	0.0	0.0	129.2

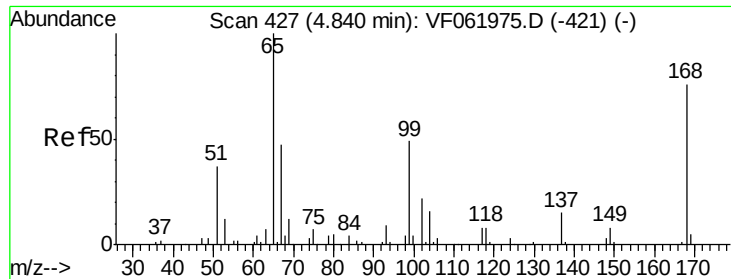


#29

Tetrahydrofuran
 Concen: 11.686 ug/l
 RT: 4.06 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VF062024.D
 Acq: 19 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	34.2	51.4#

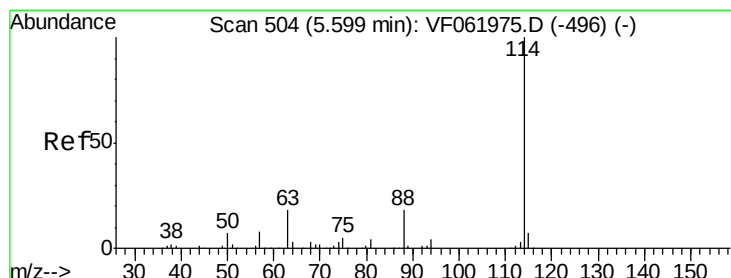
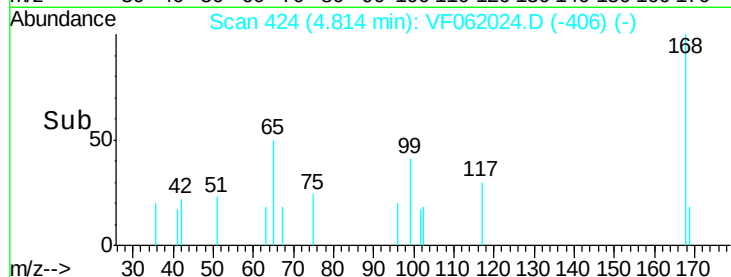
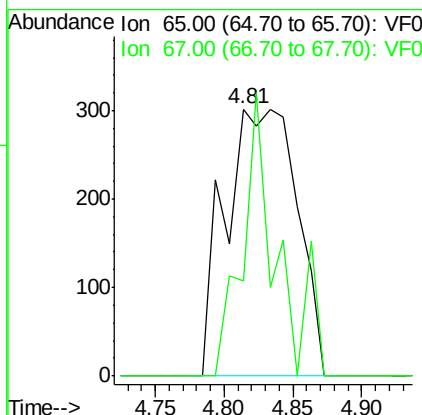
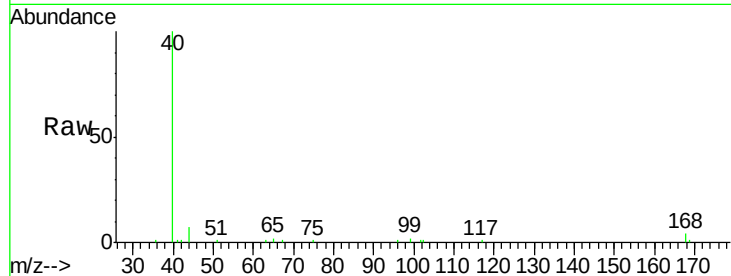




#33
 1,2-Dichloroethane-d4
 Concen: 23.677 ug/l
 RT: 4.81 min Scan# 424
 Delta R.T. -0.03 min
 Lab File: VF062024.D
 Acq: 19 Mar 2019 18:20

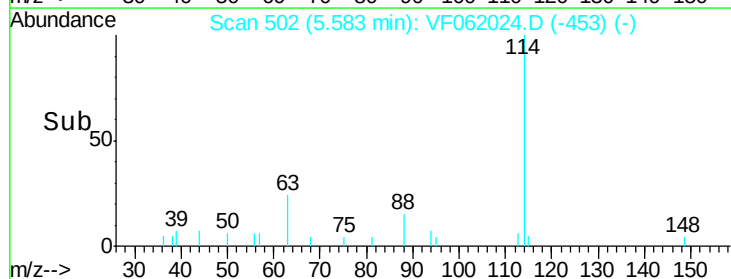
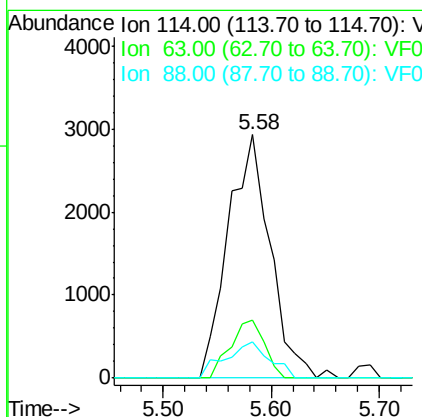
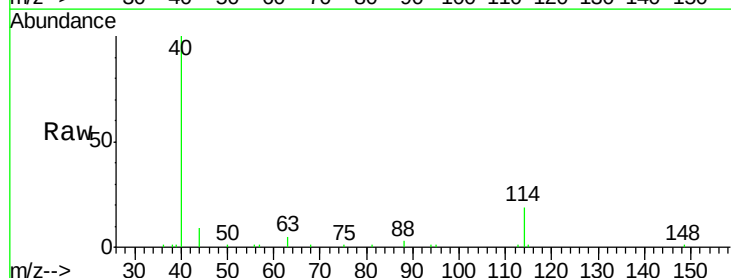
Instrument :
 MSVOA_F
 ClientSampleId :

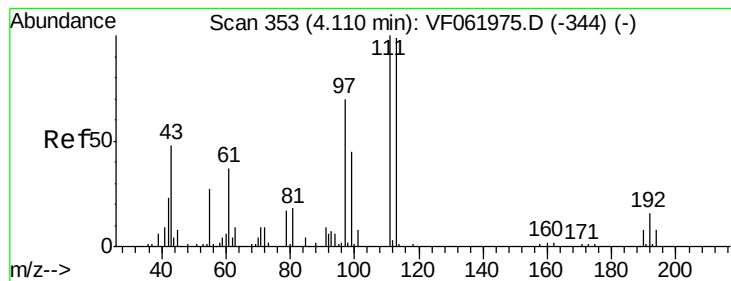
Tot Ion: 65 Resp: 1100
 Ion Ratio Lower Upper
 65 100
 67 35.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062024.D
 Acq: 19 Mar 2019 18:20

Tgt Ion: 114 Resp: 7935
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 36.4
 88 14.7 0.0 36.4





#35

Dibromofluoromethane

Concen: 40.950 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampled :

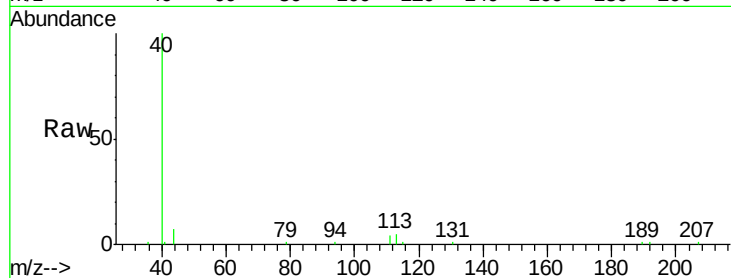
Tot Ion: 113 Resp: 2182

Ion Ratio Lower Upper

113 100

111 82.3 80.8 121.2

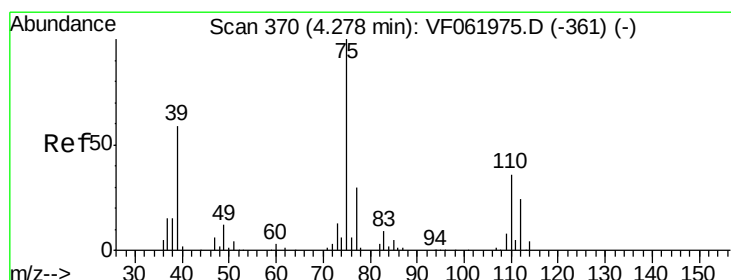
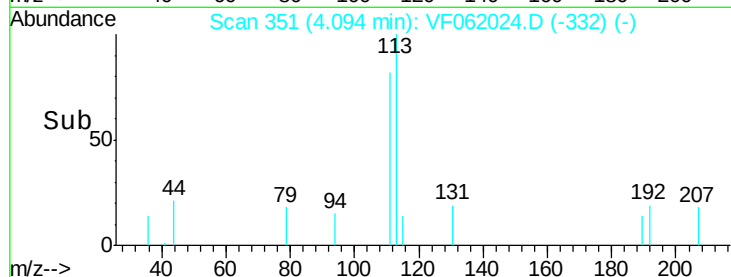
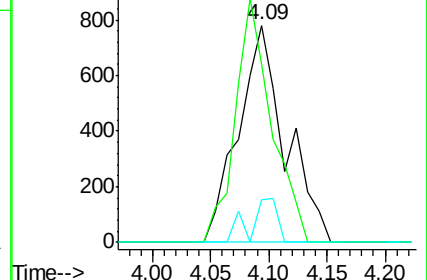
192 19.5 13.0 19.6



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: 1.019 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

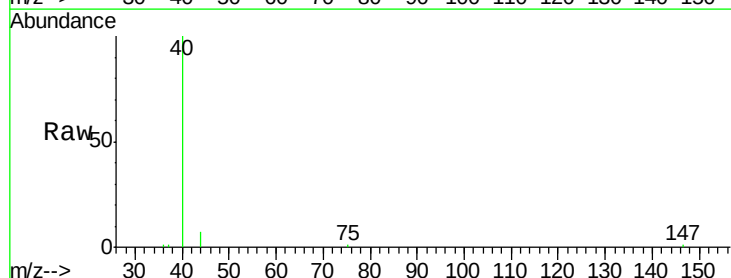
Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

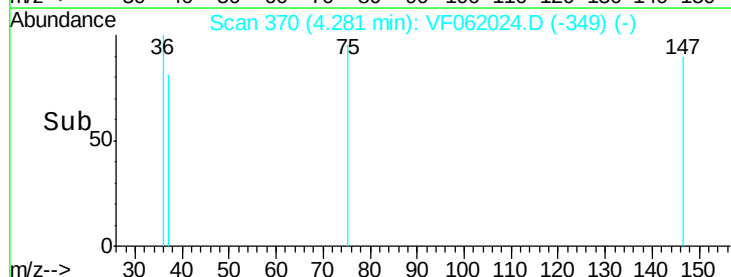
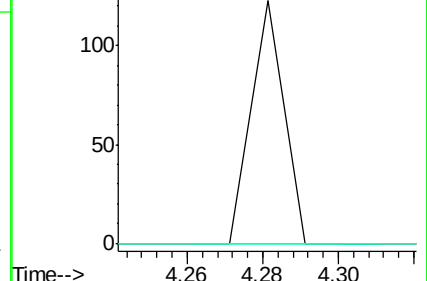
77 0.0 24.2 36.2#

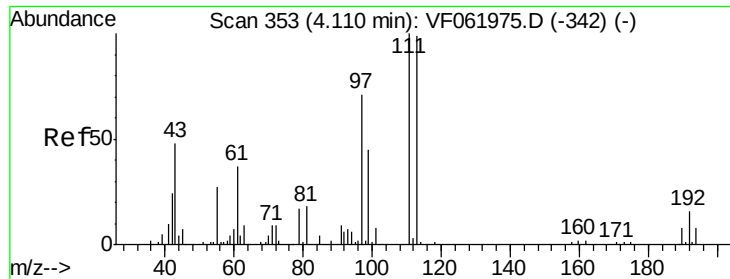


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 12.090 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampled :

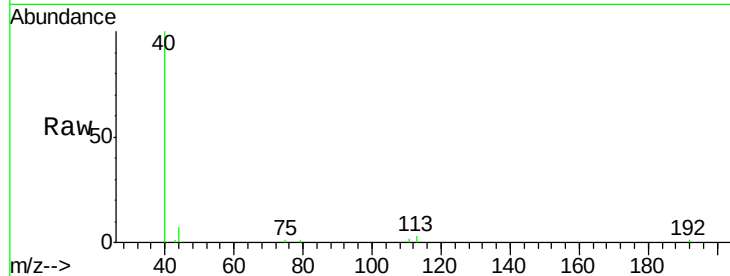
Tot Ion: 43 Resp: 389

Ion Ratio Lower Upper

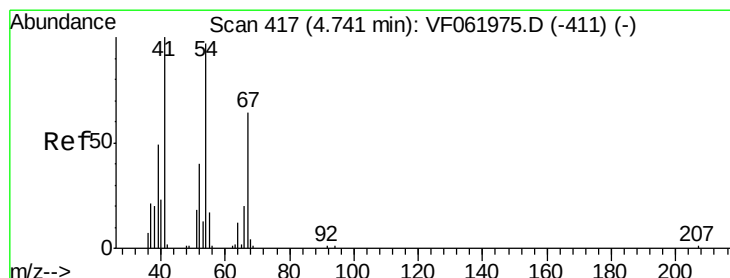
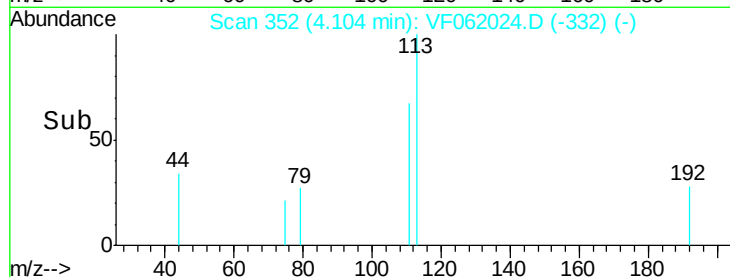
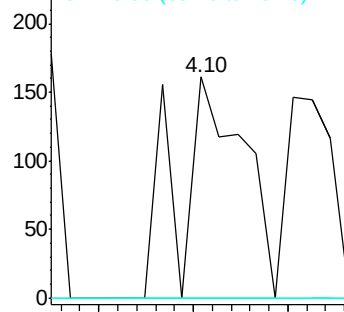
43 100

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: 9.133 ug/l

RT: 4.82 min Scan# 425

Delta R.T. 0.08 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Tgt Ion: 41 Resp: 157

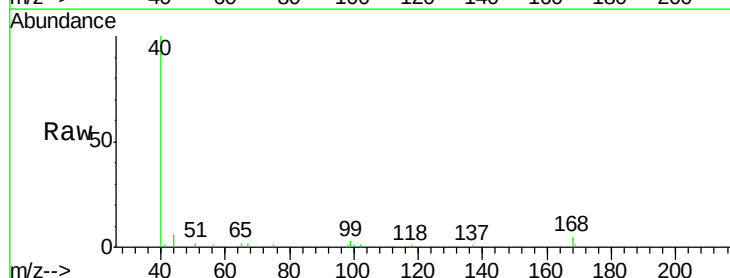
Ion Ratio Lower Upper

41 100

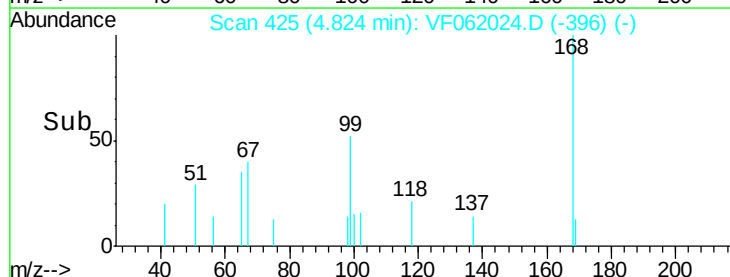
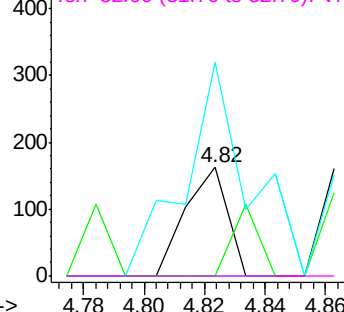
39 0.0 46.2 69.4#

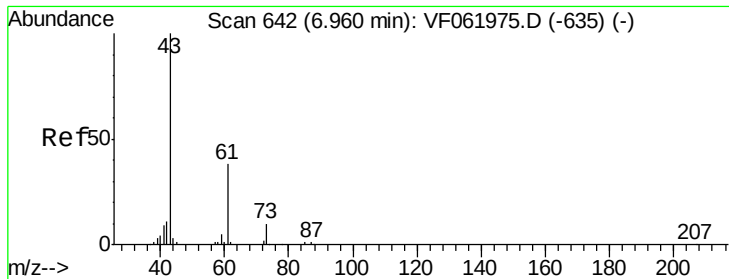
67 197.5 49.8 74.8#

52 0.0 42.7 64.1#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0





#43

Isopropyl Acetate

Concen: 1.602 ug/l

RT: 6.91 min Scan# 637

Delta R.T. -0.05 min

Lab File: VF062024.D

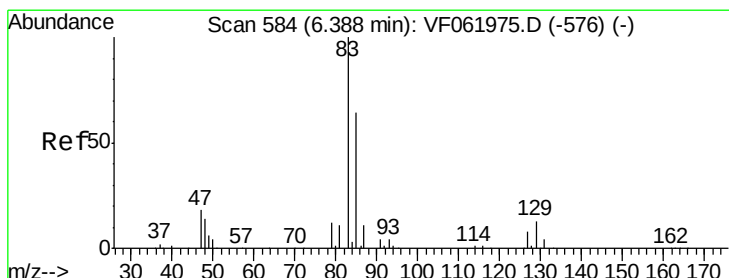
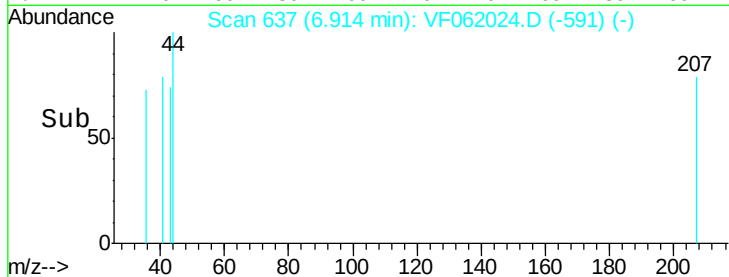
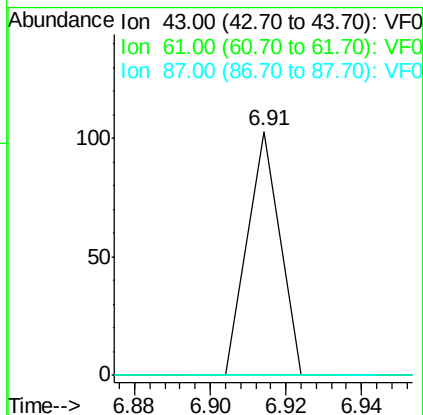
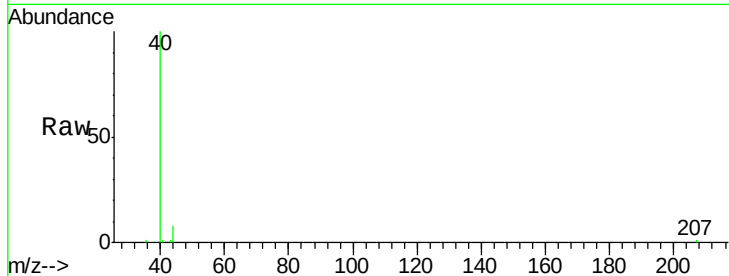
Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampleId :

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



#47

Bromodichloromethane

Concen: 1.016 ug/l

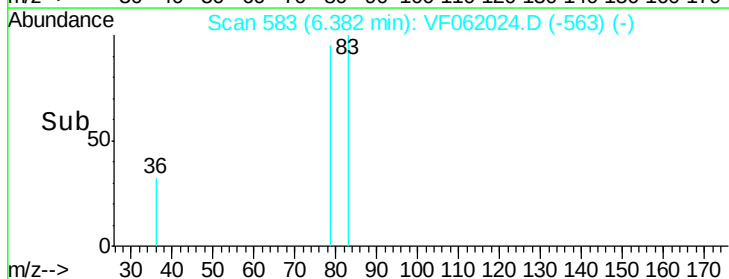
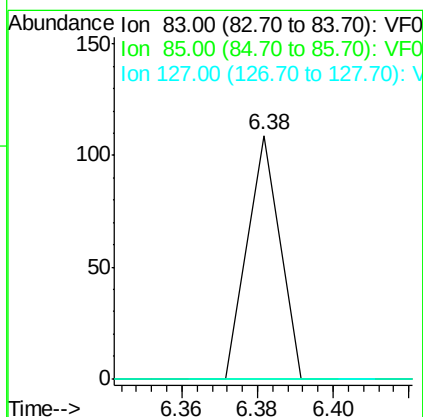
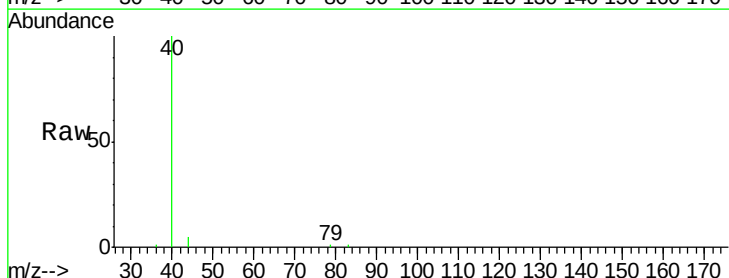
RT: 6.38 min Scan# 583

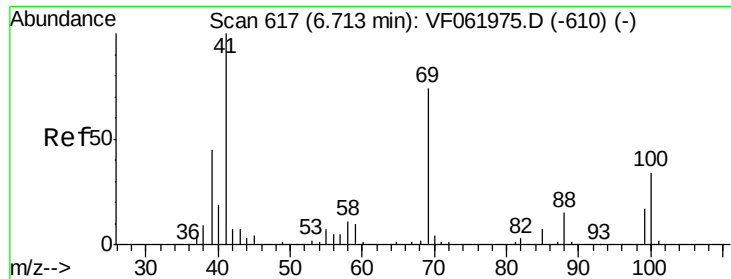
Delta R.T. -0.01 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Tgt Ion:	83	Resp:	64
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.4	77.2#
127	0.0	6.5	9.7#

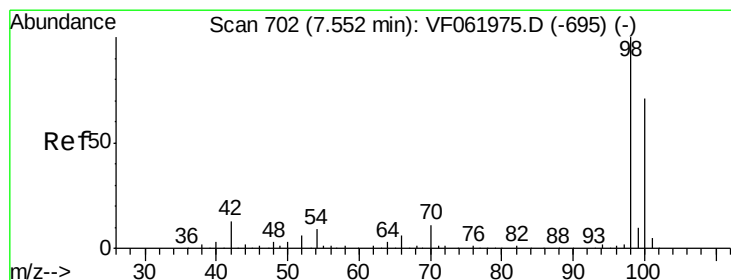
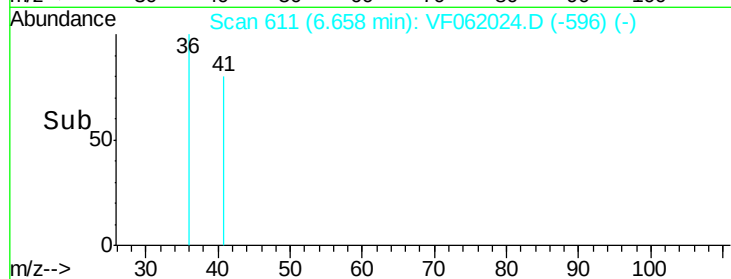
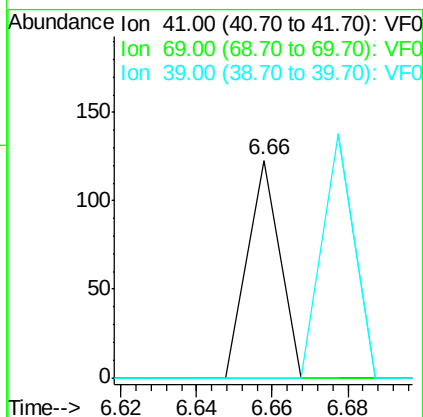
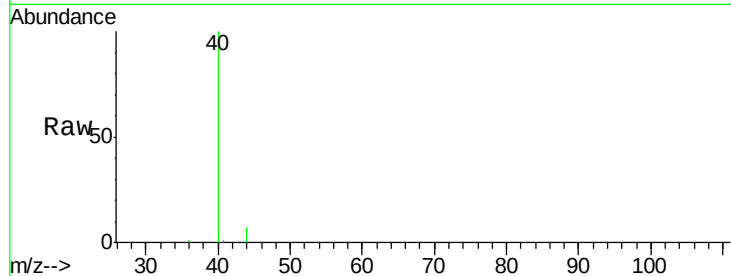




#48
Methyl methacrylate
Concen: 2.967 ug/l
RT: 6.66 min Scan# 611
Delta R.T. -0.06 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

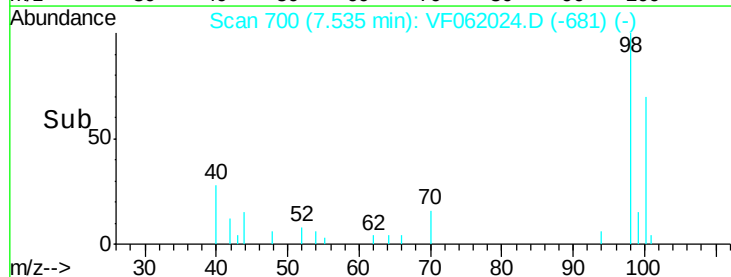
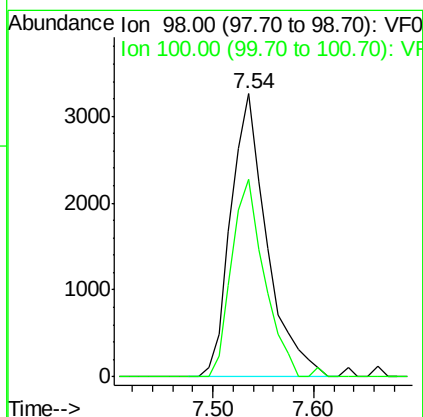
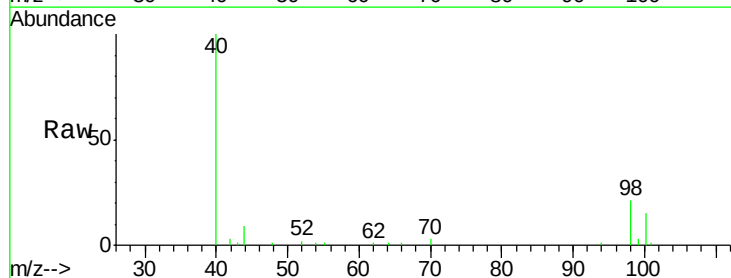
Instrument :
MSVOA_F
ClientSampleId :

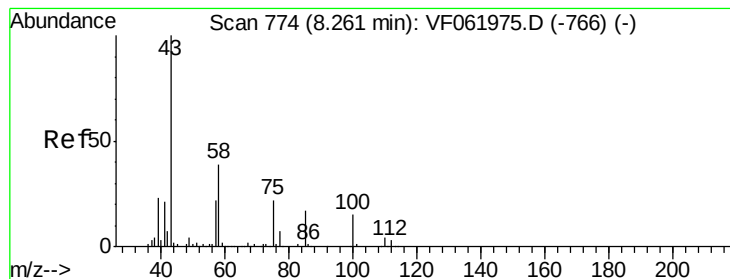
Tot Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
69 0.0 59.0 88.6#
39 0.0 35.6 53.4#



#50
Toluene-d8
Concen: 52.122 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 98 Resp: 8119
Ion Ratio Lower Upper
98 100
100 69.7 56.8 85.2





#51

4-Methyl-2-Pentanone

Concen: 2.331 ug/l

RT: 8.25 min Scan# 772

Delta R.T. -0.02 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

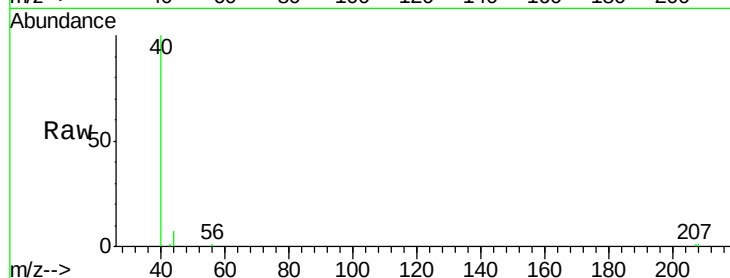
ClientSampleId :

Tot Ion: 43 Resp: 63

Ion Ratio Lower Upper

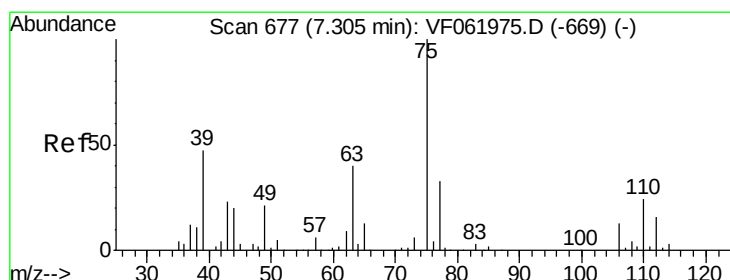
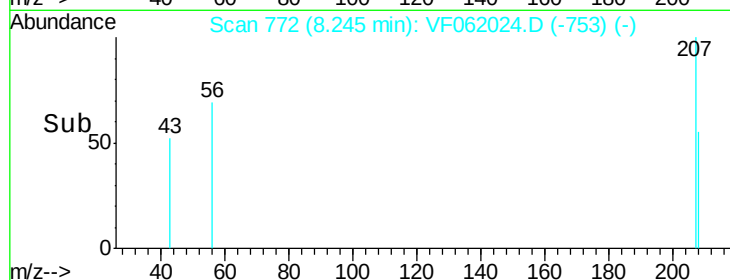
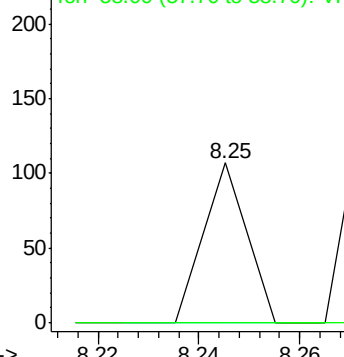
43 100

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



#54

cis-1,3-Dichloropropene

Concen: 1.224 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.00 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

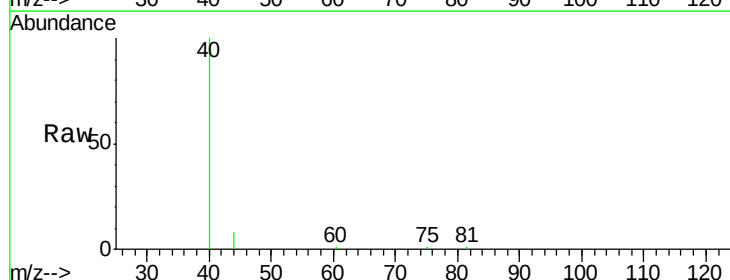
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

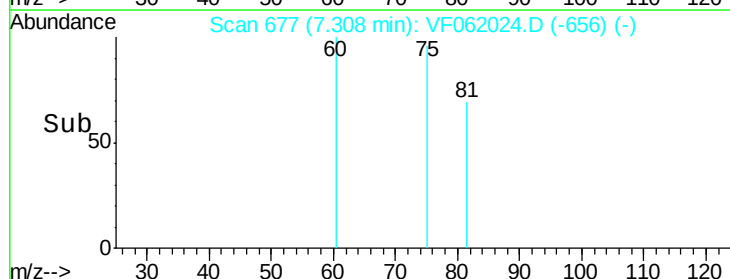
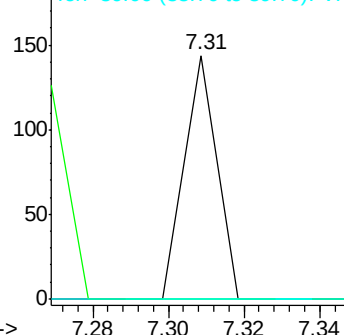
39 0.0 38.0 57.0#

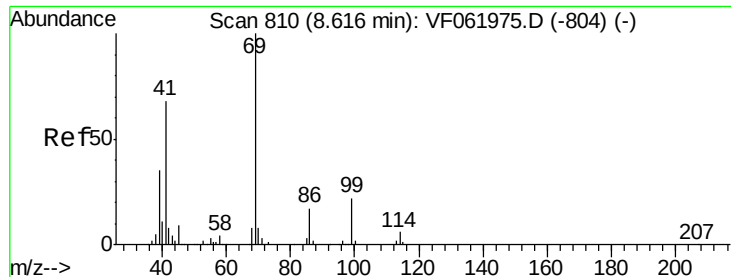


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#56

Ethyl methacrylate

Concen: 2.201 ug/l

RT: 8.69 min Scan# 817

Delta R.T. 0.07 min

Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampleId :

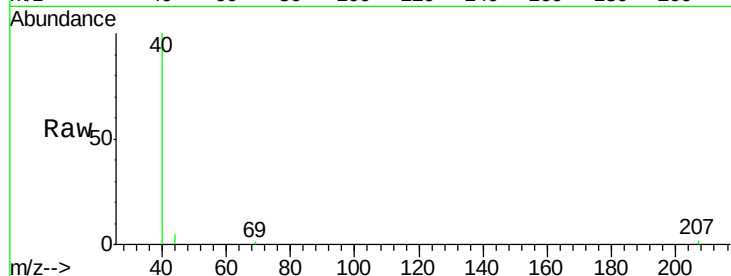
Tot Ion: 69 Resp: 81

Ion Ratio Lower Upper

69 100

41 0.0 54.7 82.1#

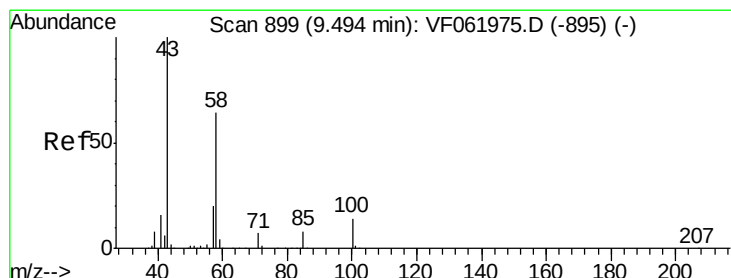
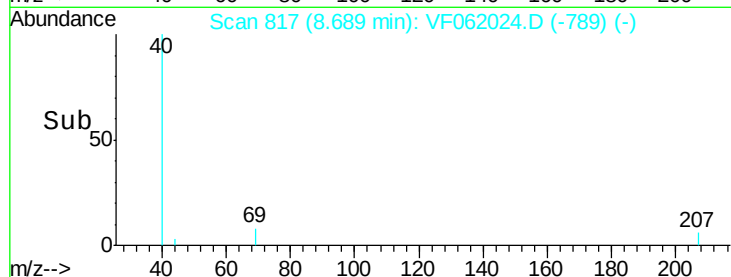
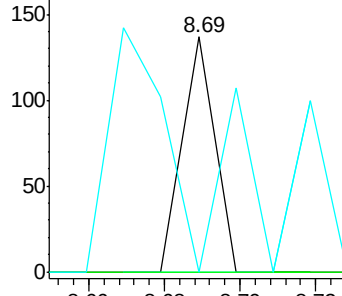
39 0.0 27.9 41.9#



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: 9.814 ug/l

RT: 9.44 min Scan# 893

Delta R.T. -0.06 min

Lab File: VF062024.D

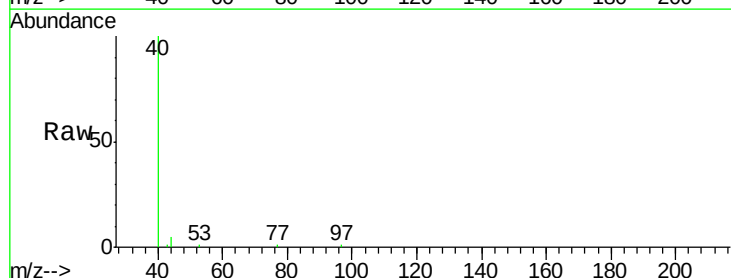
Acq: 19 Mar 2019 18:20

Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

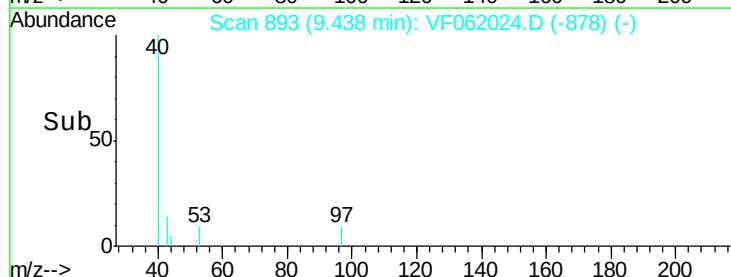
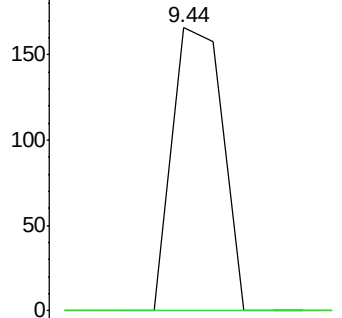
43 100

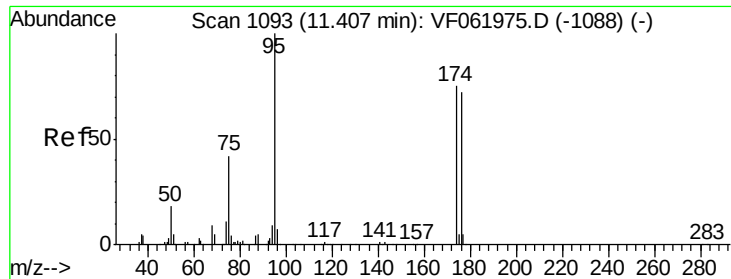
58 0.0 28.4 85.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

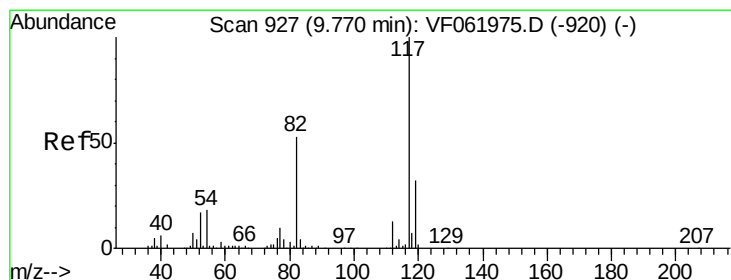
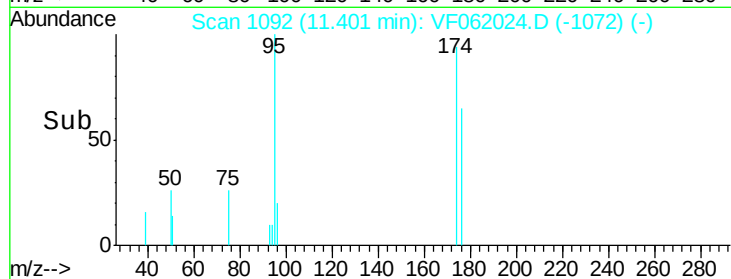
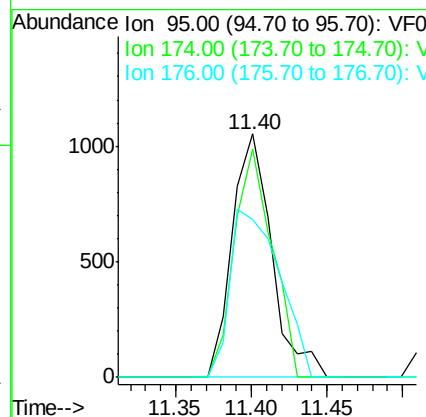
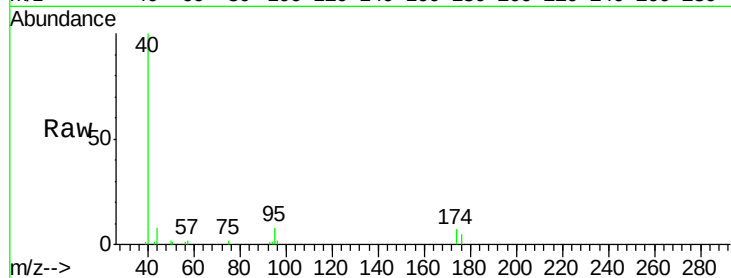




#62
4-Bromofluorobenzene
Concen: 30.914 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

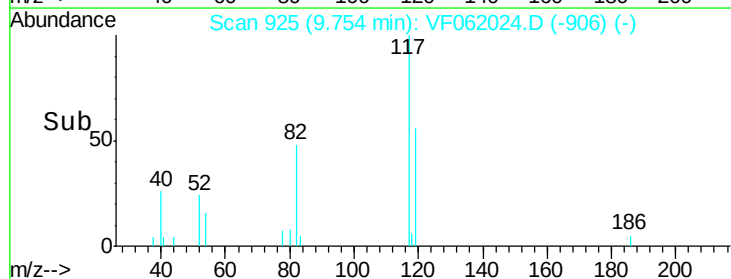
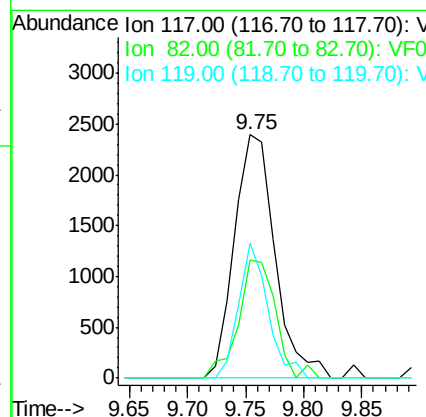
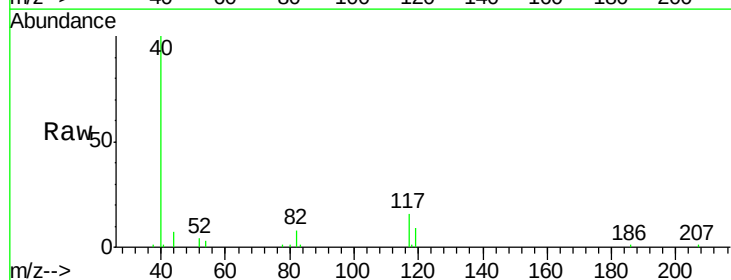
Instrument :
MSVOA_F
ClientSampled :

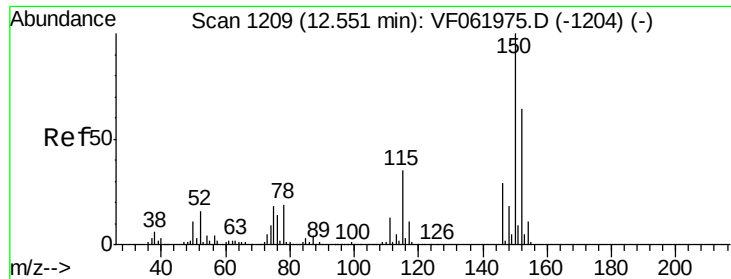
Tot Ion	95	Resp	1913
Ion Ratio	Lower	Upper	
95	100		
174	93.5	0.0	149.4
176	65.0	0.0	143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

Tgt Ion	117	Resp	5813
Ion Ratio	Lower	Upper	
117	100		
82	48.5	42.5	63.7
119	55.6	25.4	38.0#



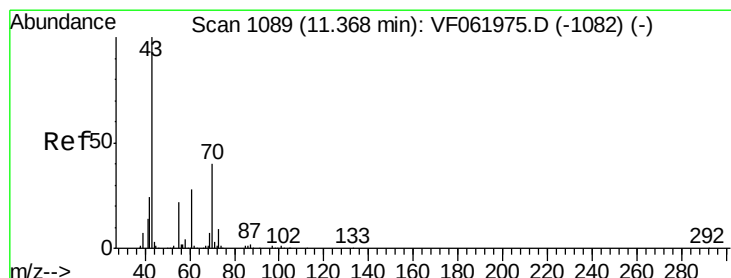
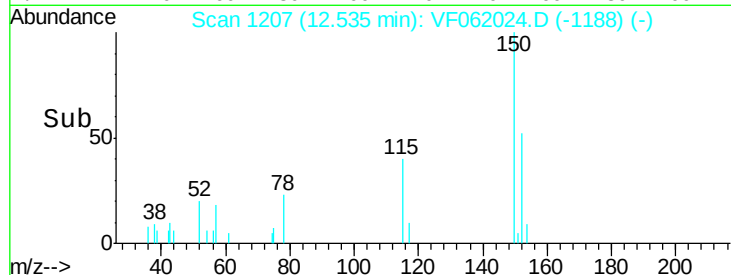
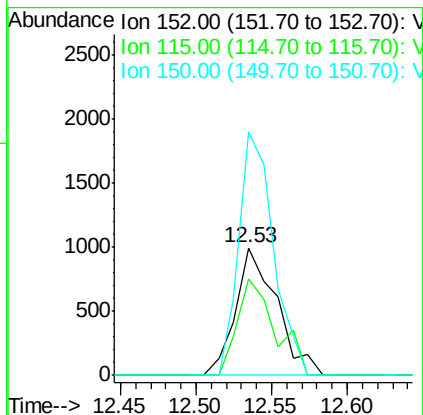
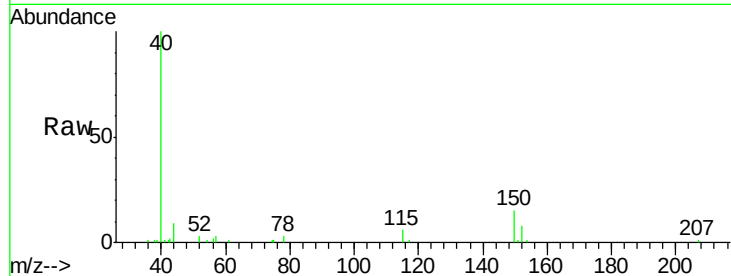


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :

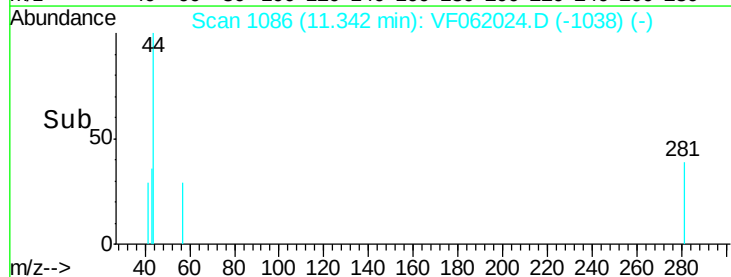
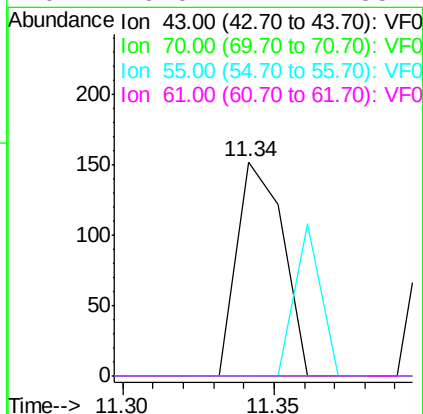
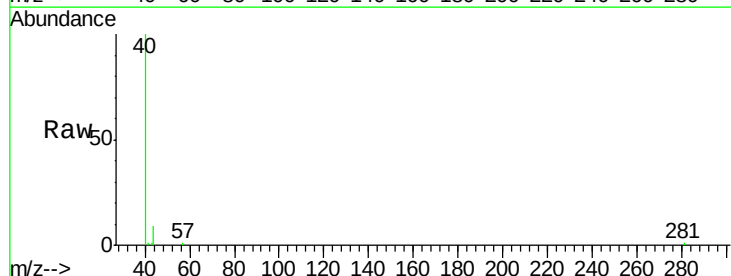
Tot Ion:152 Resp: 1880
Ion Ratio Lower Upper
152 100
115 75.6 27.3 81.9
150 191.3 0.0 316.2

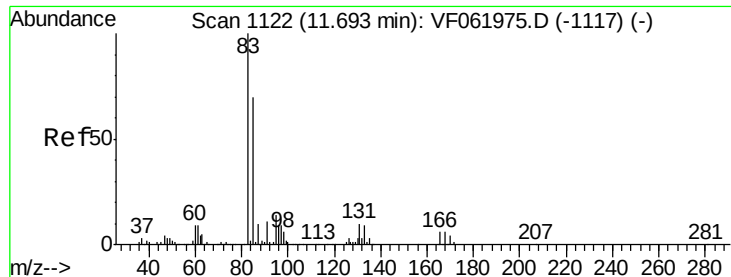


#74

N-aryl acetate
Concen: 5.443 ug/l
RT: 11.34 min Scan# 1086
Delta R.T. -0.03 min
Lab File: VF062024.D
Acq: 19 Mar 2019 18:20

Tgt Ion: 43 Resp: 162
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: 3.358 ug/l

RT: 11.76 min Scan# 1128

Delta R.T. 0.06 min

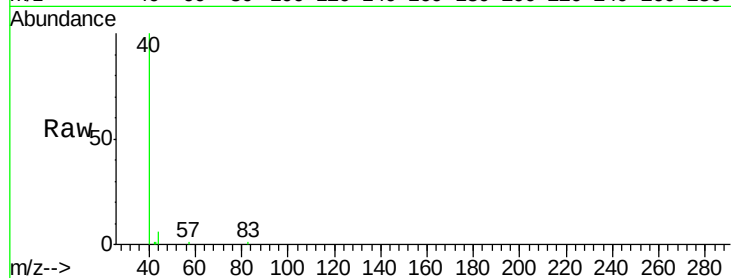
Lab File: VF062024.D

Acq: 19 Mar 2019 18:20

Instrument :

MSVOA_F

ClientSampleId :



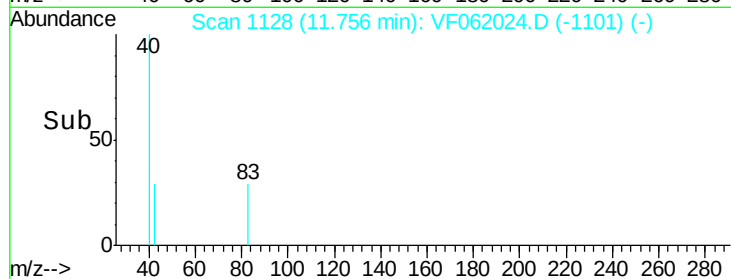
Tot Ion: 83 Resp: 72

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 35.3 105.9#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

