

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022519\
 Data File : VF061730.D
 Acq On : 25 Feb 2019 15:09
 Operator : VA/AP
 Sample : K1348-05
 Misc : 5.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-022219-B

Quant Time: Feb 26 04:32:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	10192	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	12817	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	8670	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	2025	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	1333	17.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	35.68%	
35) Dibromofluoromethane	4.11	113	3103	32.60	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	65.20%	
50) Toluene-d8	7.56	98	10567	38.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.24%	
62) 4-Bromofluorobenzene	11.42	95	2362	21.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	42.68%	

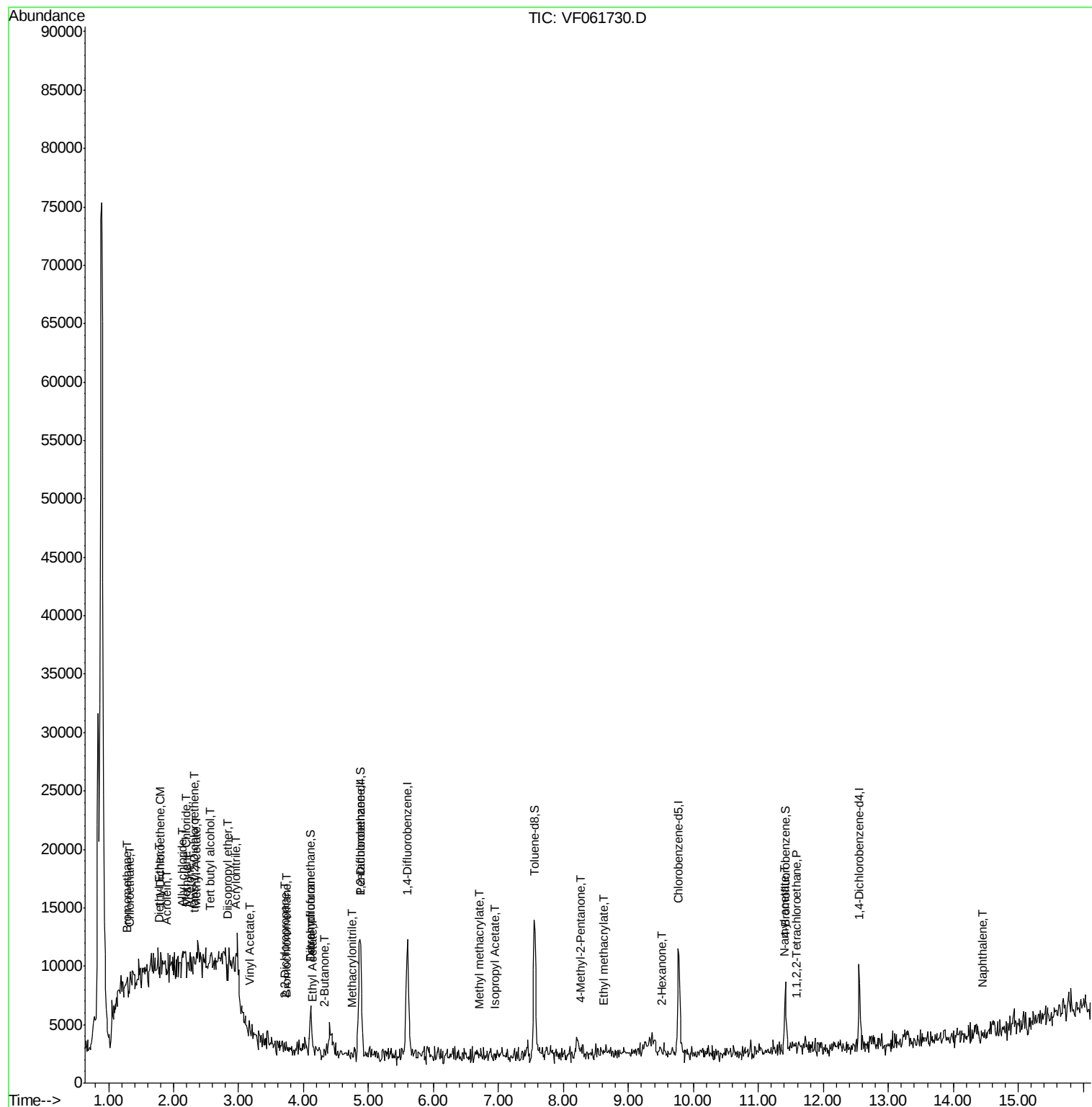
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.29	94	230	2.927	ug/l #	48
6) Chloroethane	1.33	64	67	1.191	ug/l #	40
8) Diethyl Ether	1.78	74	73	2.104	ug/l	67
11) Tert butyl alcohol	2.56	59	72	16.646	ug/l #	63
12) 1,1-Dichloroethene	1.79	96	117	1.340	ug/l #	1
13) Acrolein	1.90	56	1044	192.042	ug/l	94
14) Allyl chloride	2.13	41	523	4.880	ug/l #	71
15) Acrylonitrile	2.96	53	273	17.794	ug/l #	36
16) Acetone	2.26	43	2063	128.650	ug/l #	46
18) Methyl Acetate	2.34	43	293	8.111	ug/l #	59
20) Methylene Chloride	2.18	84	634	5.116	ug/l #	51
21) trans-1,2-Dichloroethene	2.31	96	186	1.959	ug/l #	1
22) Diisopropyl ether	2.83	45	540	2.099	ug/l #	47
23) Vinyl Acetate	3.18	43	378	3.008	ug/l #	74
25) 2-Butanone	4.34	43	91	2.598	ug/l #	55
26) 2,2-Dichloropropane	3.70	77	71	1.077	ug/l #	52
28) Bromochloromethane	3.74	49	85	1.138	ug/l #	3
29) Tetrahydrofuran	4.10	42	235	14.761	ug/l #	33
37) Ethyl Acetate	4.15	43	239	4.053	ug/l #	30
41) Methacrylonitrile	4.75	41	283	9.384	ug/l #	22
43) Isopropyl Acetate	6.94	43	176	2.521	ug/l #	43
48) Methyl methacrylate	6.70	41	104	2.476	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	361	7.238	ug/l #	34
56) Ethyl methacrylate	8.61	69	66	1.002	ug/l #	26
59) 2-Hexanone	9.52	43	76	2.174	ug/l #	23
74) N-amyl acetate	11.40	43	434	12.541	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	11.58	83	64	2.478	ug/l #	26
95) Naphthalene	14.45	128	144	1.739	ug/l #	69

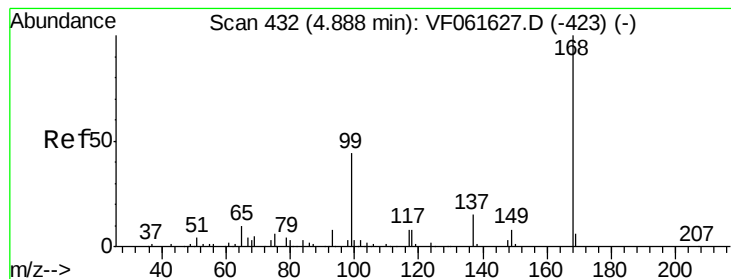
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

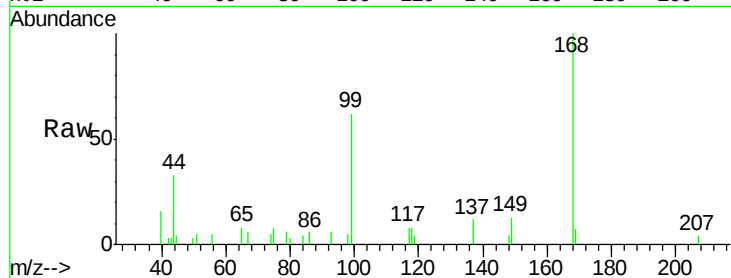
OK-03-022219-B

Tot Ion:168 Resp: 10192

Ion Ratio Lower Upper

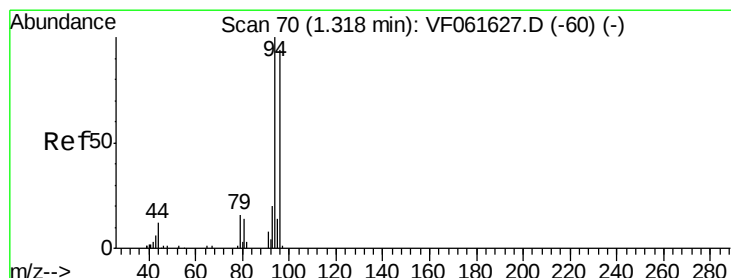
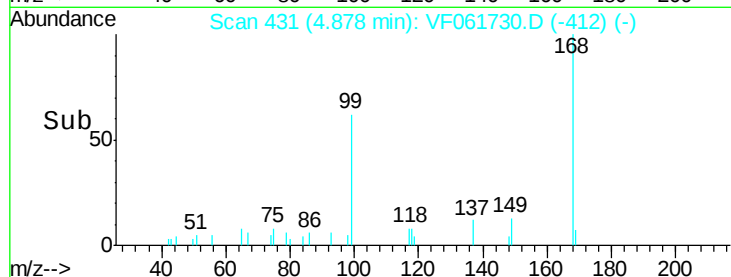
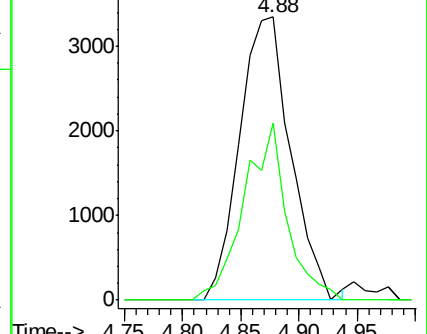
168 100

99 62.4 34.9 52.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#5

Bromomethane

Concen: 2.927 ug/l

RT: 1.29 min Scan# 67

Delta R.T. -0.03 min

Lab File: VF061730.D

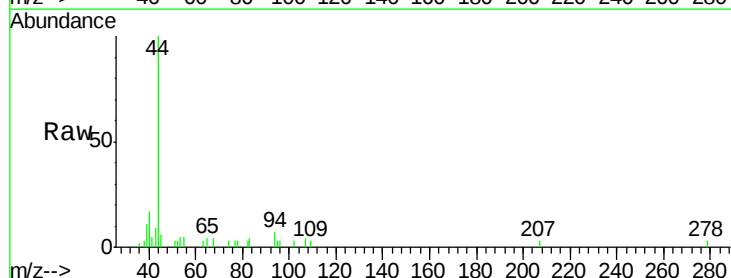
Acq: 25 Feb 2019 15:09

Tgt Ion: 94 Resp: 230

Ion Ratio Lower Upper

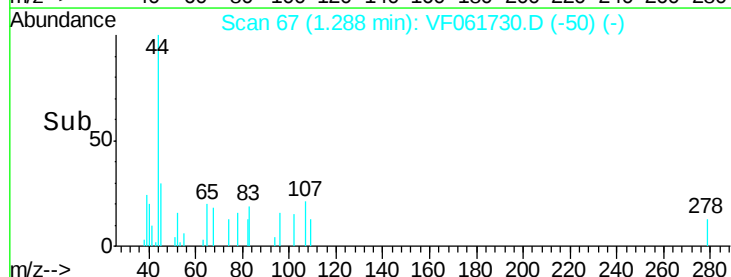
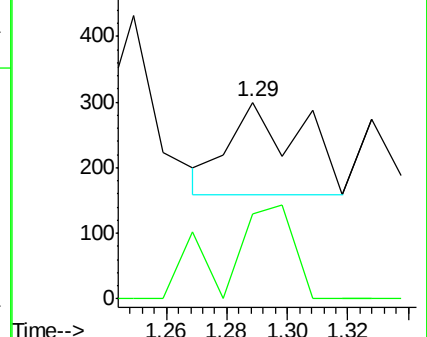
94 100

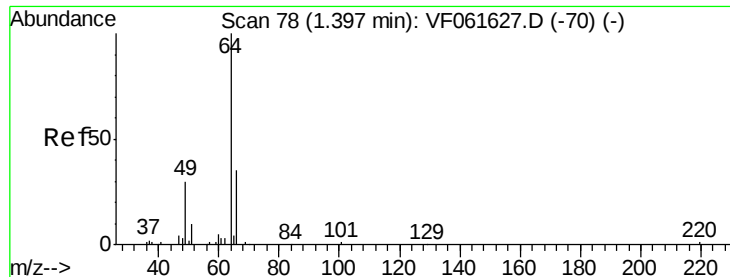
96 43.3 74.6 112.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#6

Chloroethane

Concen: 1.191 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.07 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

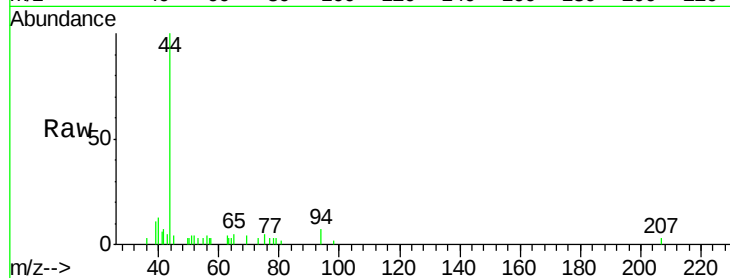
OK-03-022219-B

Tot Ion: 64 Resp: 67

Ion Ratio Lower Upper

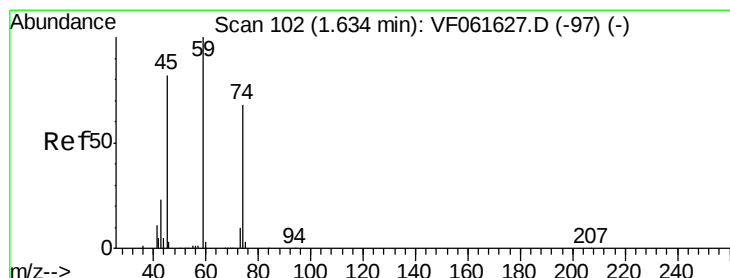
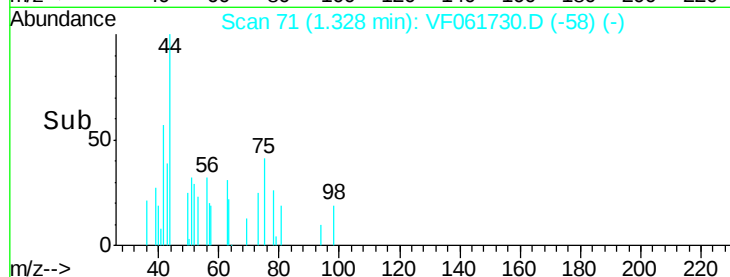
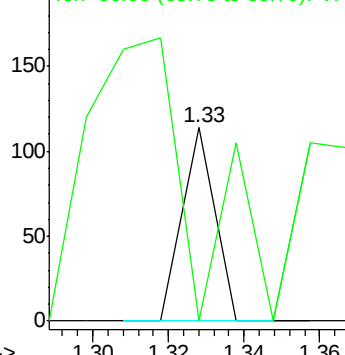
64 100

66 0.0 27.9 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#8

Diethyl Ether

Concen: 2.104 ug/l

RT: 1.78 min Scan# 117

Delta R.T. 0.15 min

Lab File: VF061730.D

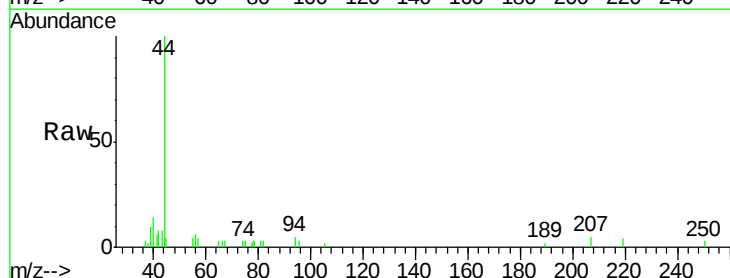
Acq: 25 Feb 2019 15:09

Tgt Ion: 74 Resp: 73

Ion Ratio Lower Upper

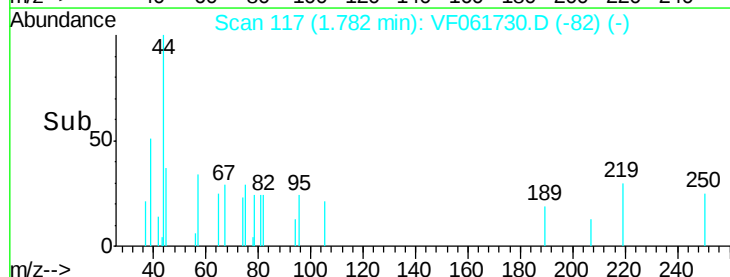
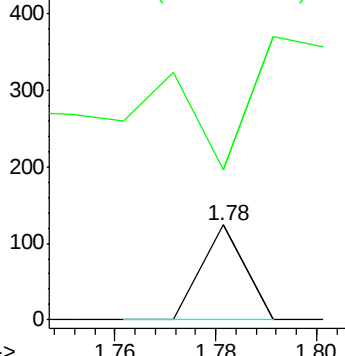
74 100

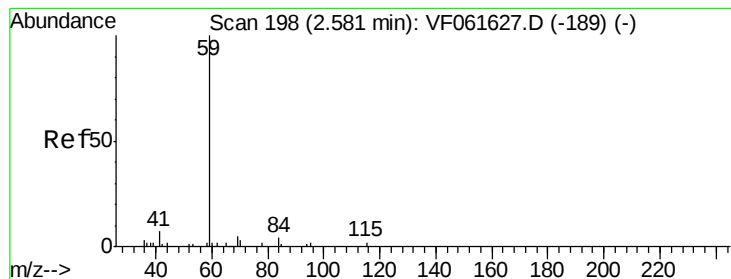
45 158.1 60.8 182.3



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#11

Tert butyl alcohol

Concen: 16.646 ug/l

RT: 2.56 min Scan# 196

Delta R.T. -0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

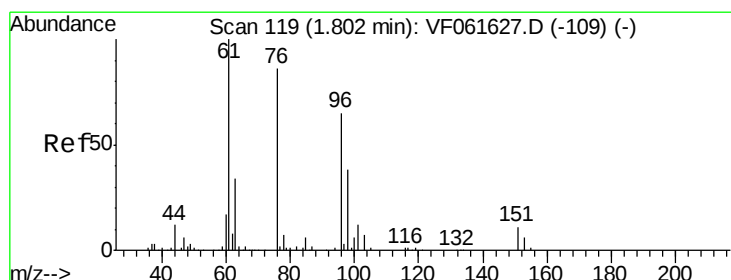
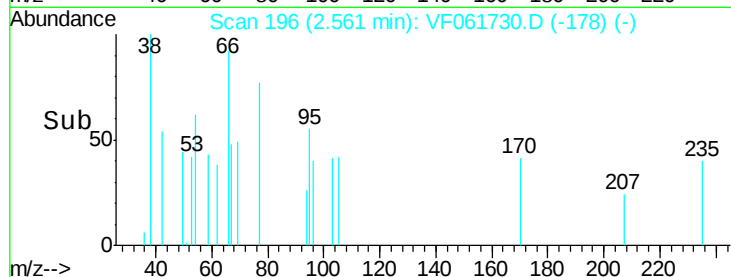
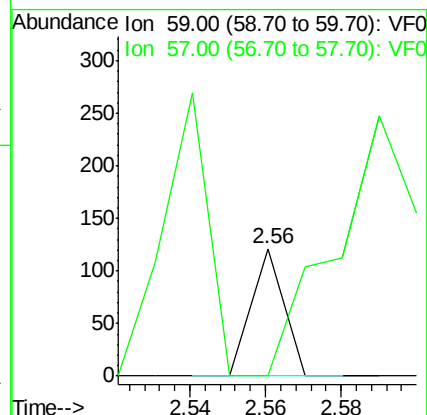
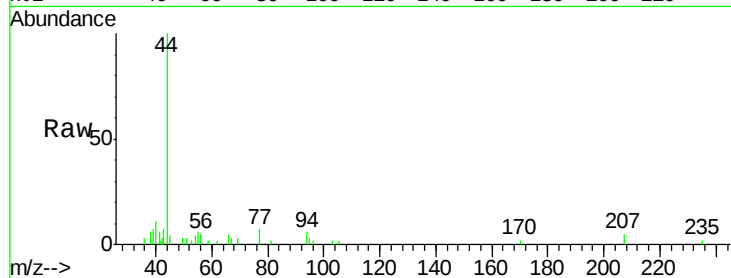
OK-03-022219-B

Tot Ion: 59 Resp: 72

Ion Ratio Lower Upper

59 100

57 0.0 12.5 18.7#



#12

1,1-Dichloroethene

Concen: 1.340 ug/l

RT: 1.79 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

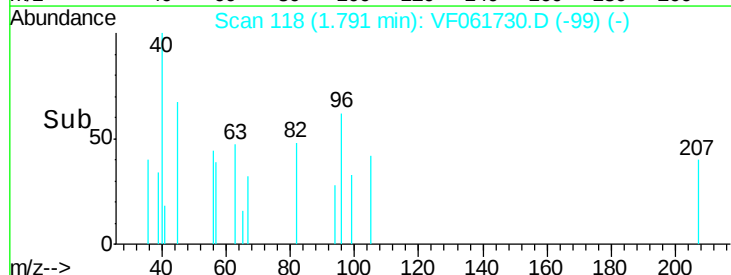
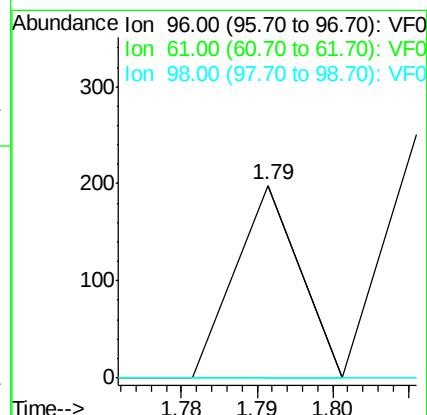
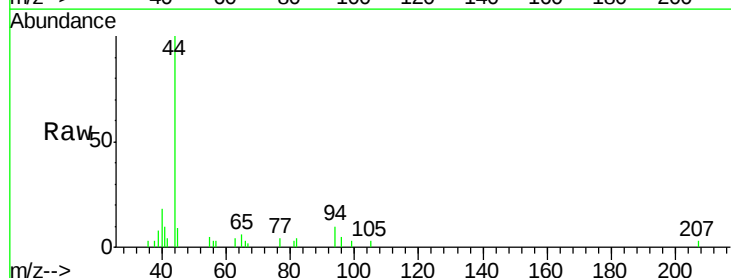
Tgt Ion: 96 Resp: 117

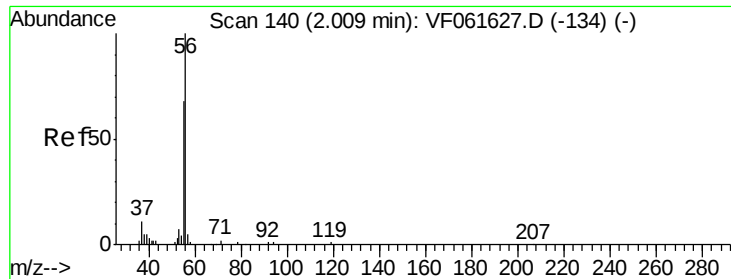
Ion Ratio Lower Upper

96 100

61 0.0 122.6 184.0#

98 0.0 47.2 70.8#





#13

Acrolein

Concen: 192.042 ug/l

RT: 1.90 min Scan# 129

Delta R.T. -0.11 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

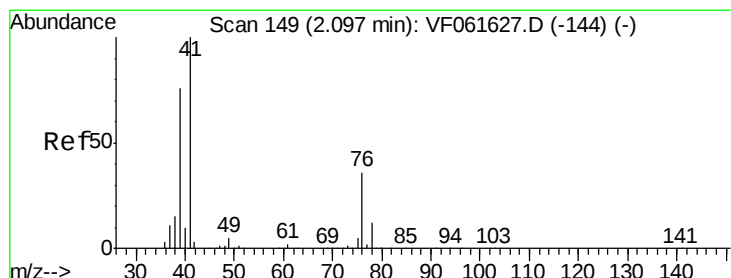
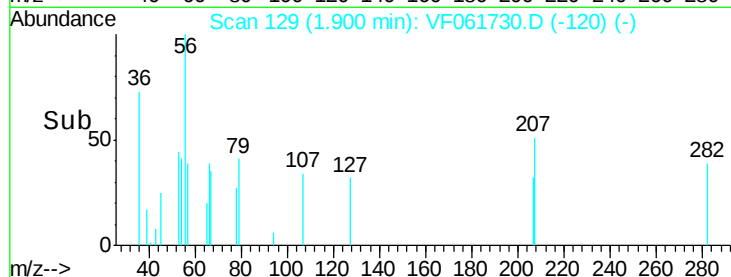
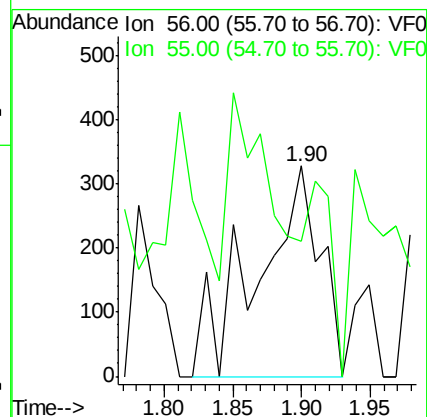
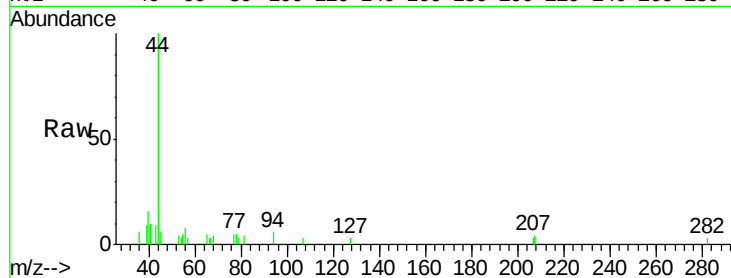
OK-03-022219-B

Tot Ion: 56 Resp: 1044

Ion Ratio Lower Upper

56 100

55 64.2 55.0 82.6



#14

Allyl chloride

Concen: 4.880 ug/l

RT: 2.13 min Scan# 152

Delta R.T. 0.03 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

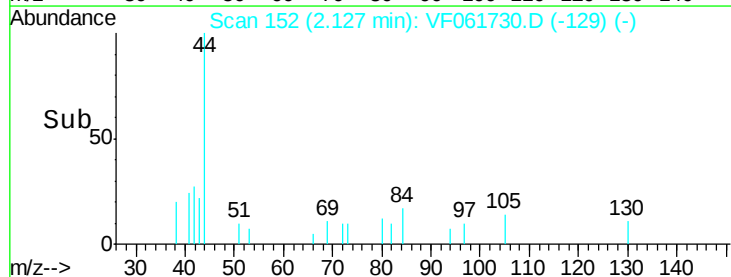
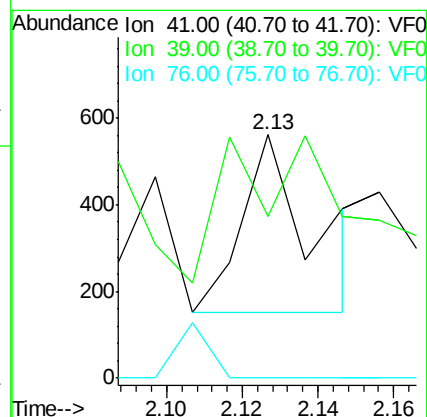
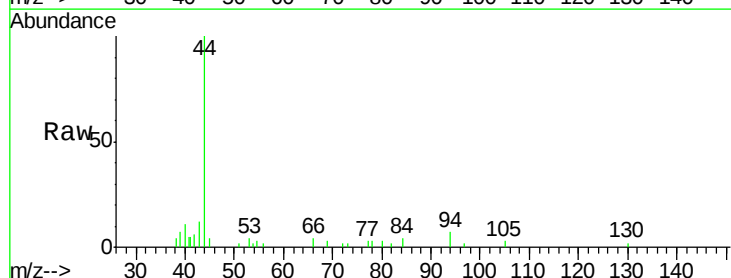
Tgt Ion: 41 Resp: 523

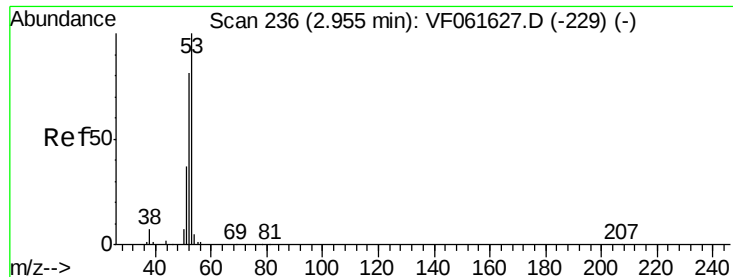
Ion Ratio Lower Upper

41 100

39 66.4 61.6 92.4

76 0.0 30.3 45.5#





#15

Acrylonitrile

Concen: 17.794 ug/l

RT: 2.96 min Scan# 237

Delta R.T. 0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

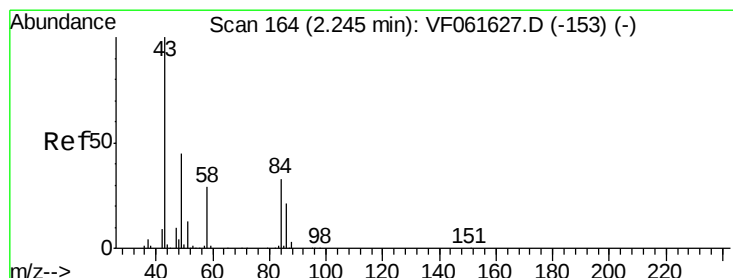
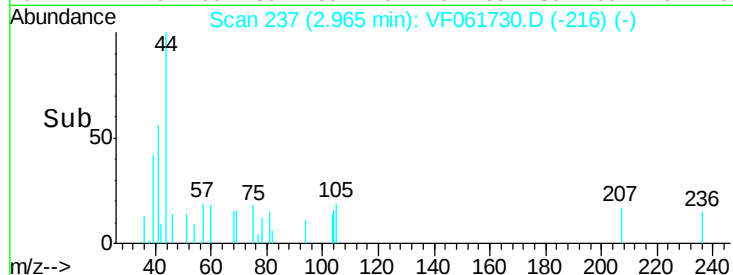
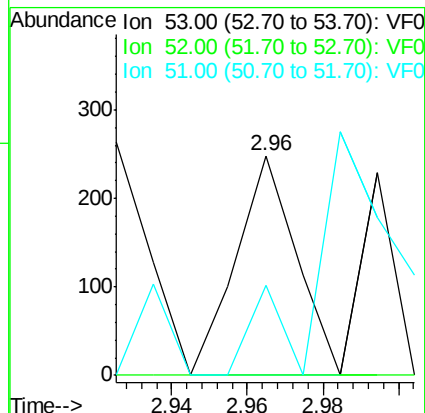
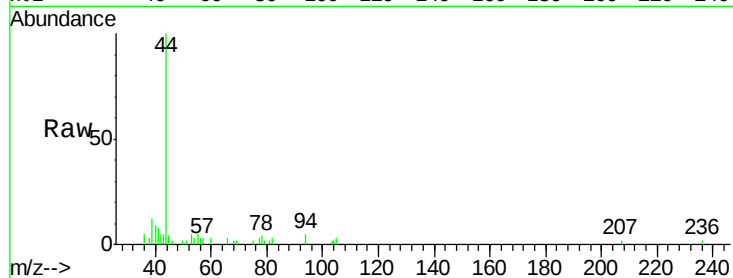
Tot Ion: 53 Resp: 273

Ion Ratio Lower Upper

53 100

52 0.0 64.6 97.0#

51 41.1 29.8 44.8



#16

Acetone

Concen: 128.650 ug/l

RT: 2.26 min Scan# 166

Delta R.T. 0.02 min

Lab File: VF061730.D

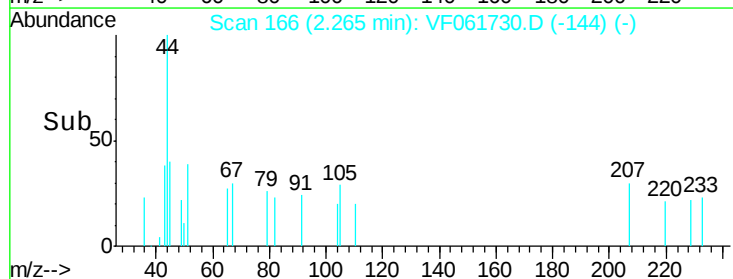
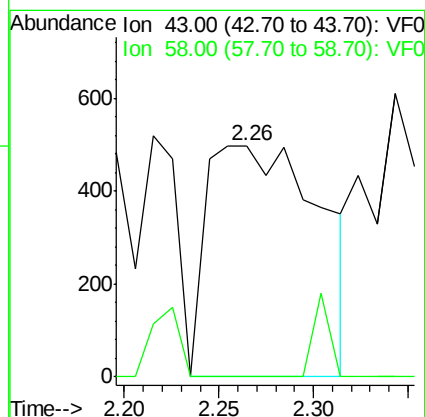
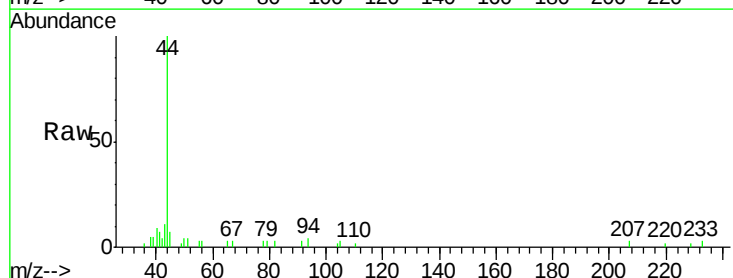
Acq: 25 Feb 2019 15:09

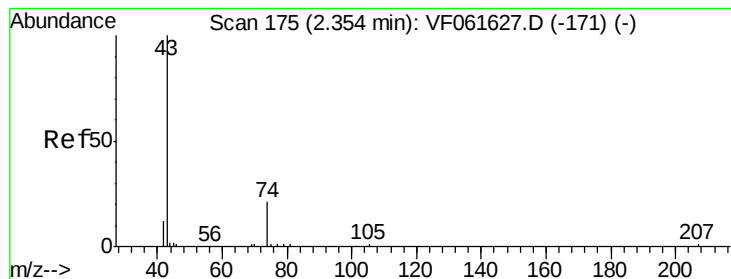
Tgt Ion: 43 Resp: 2063

Ion Ratio Lower Upper

43 100

58 0.0 22.9 34.3#





#18

Methyl Acetate

Concen: 8.111 ug/l

RT: 2.34 min Scan# 174

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

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ClientSampleId :

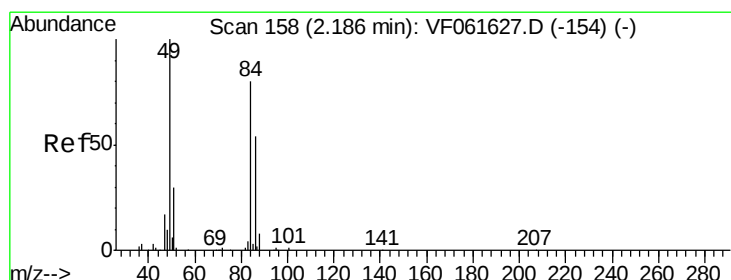
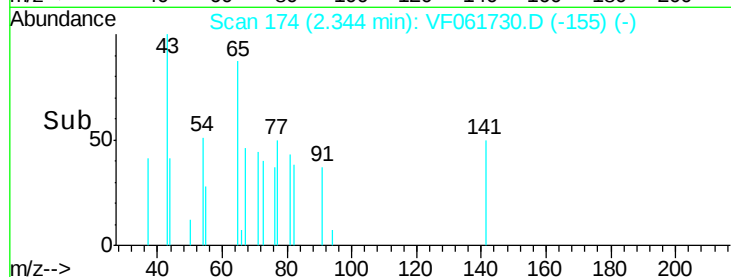
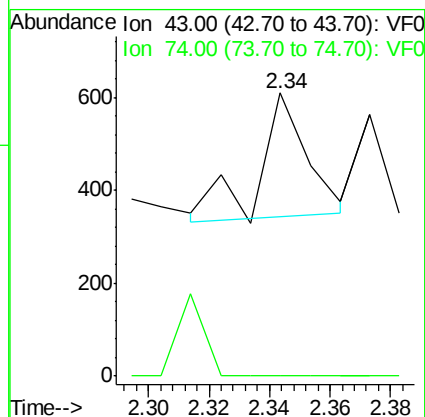
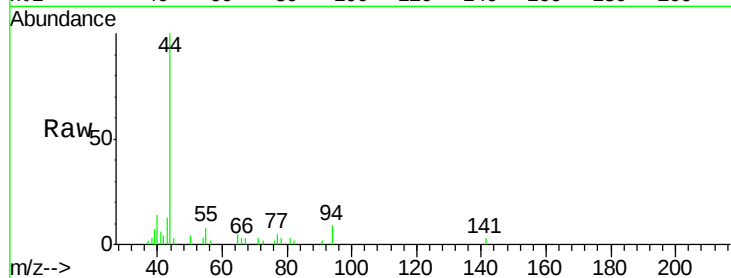
OK-03-022219-B

Tot Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

74 0.0 14.6 21.8#



#20

Methylene Chloride

Concen: 5.116 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Tgt Ion: 84 Resp: 634

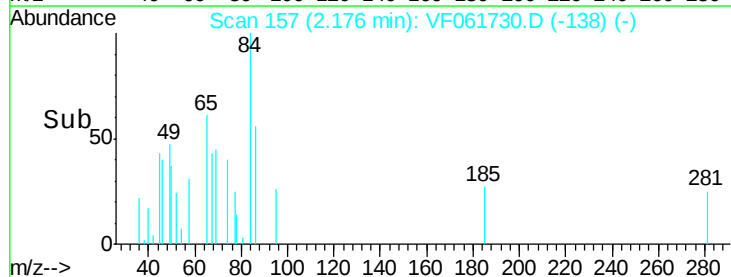
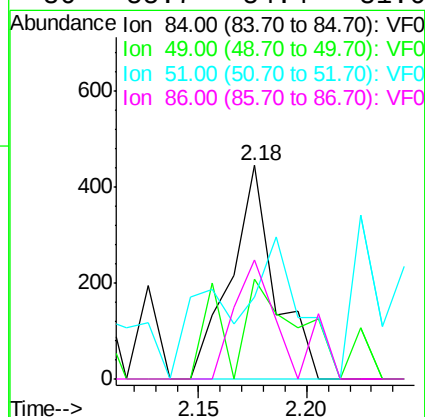
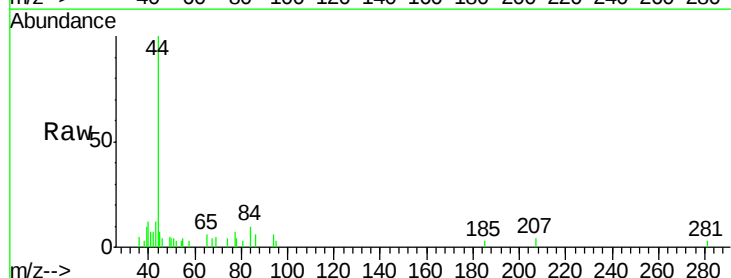
Ion Ratio Lower Upper

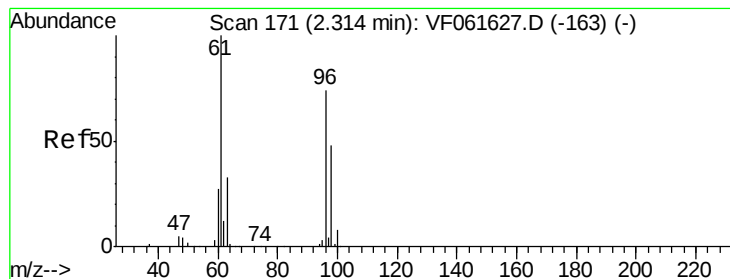
84 100

49 47.0 101.8 152.8#

51 62.7 31.1 46.7#

86 55.7 54.4 81.6





#21

trans-1,2-Dichloroethene

Concen: 1.959 ug/l

RT: 2.31 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

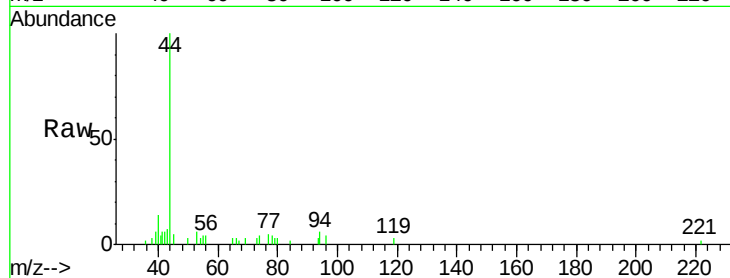
Tot Ion: 96 Resp: 186

Ion Ratio Lower Upper

96 100

61 0.0 108.2 162.4#

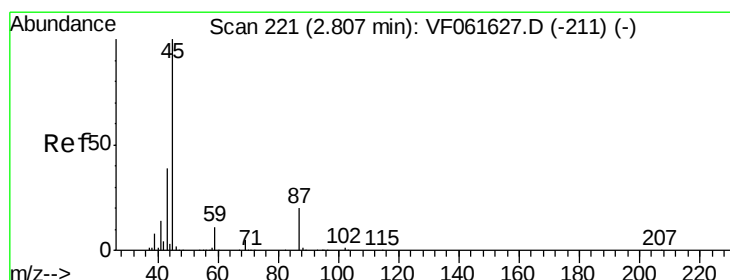
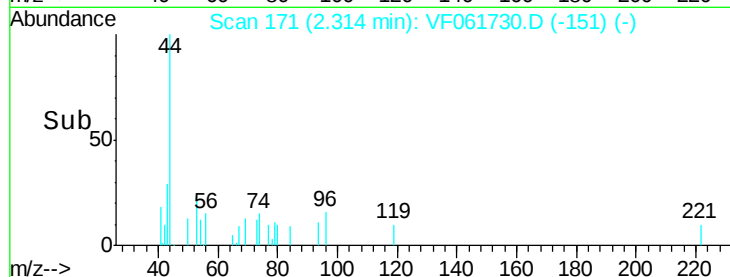
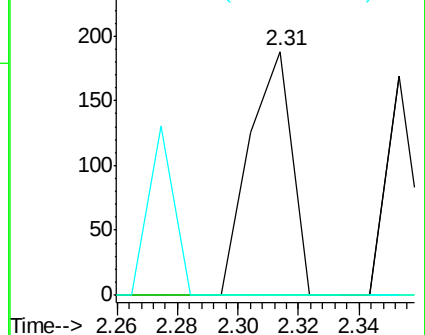
98 0.0 52.2 78.2#



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



#22

Diisopropyl ether

Concen: 2.099 ug/l

RT: 2.83 min Scan# 223

Delta R.T. 0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Tgt Ion: 45 Resp: 540

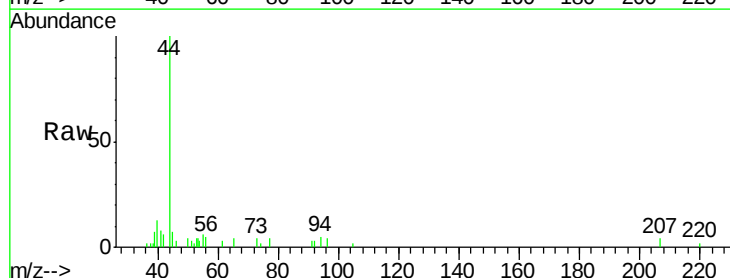
Ion Ratio Lower Upper

45 100

43 0.0 31.4 47.2#

87 0.0 16.3 24.5#

59 0.0 8.7 13.1#

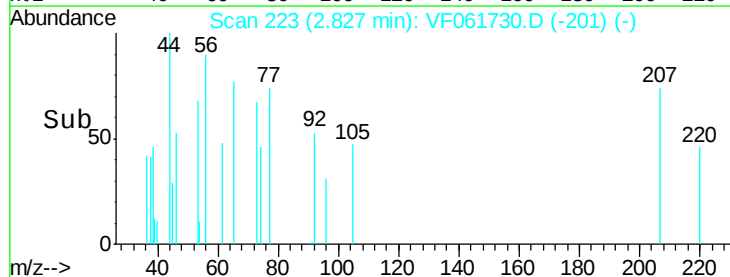
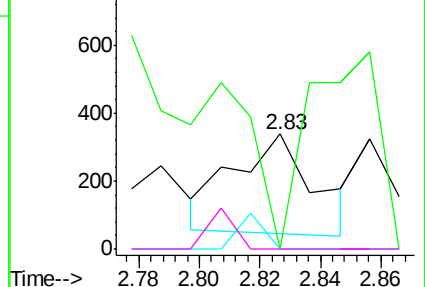


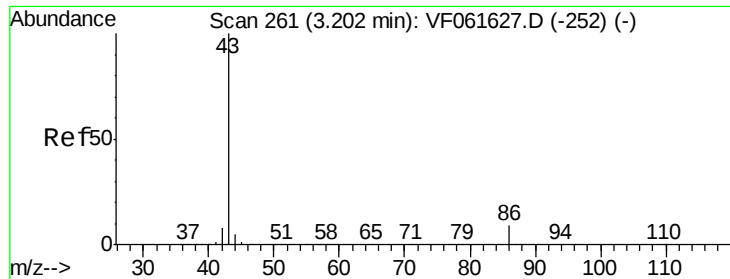
Abundance Ion 45.00 (44.70 to 45.70): VF0

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: 3.008 ug/l

RT: 3.18 min Scan# 259

Delta R.T. -0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

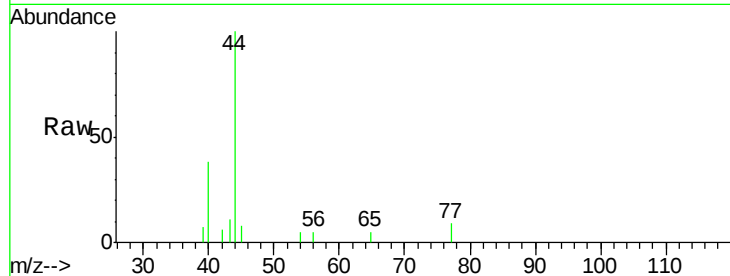
OK-03-022219-B

Tot Ion: 43 Resp: 378

Ion Ratio Lower Upper

43 100

86 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

300

250

200

150

100

50

0

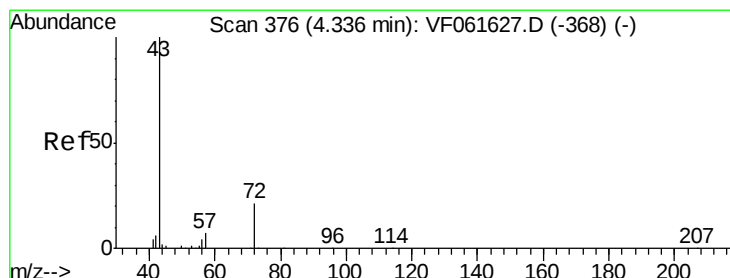
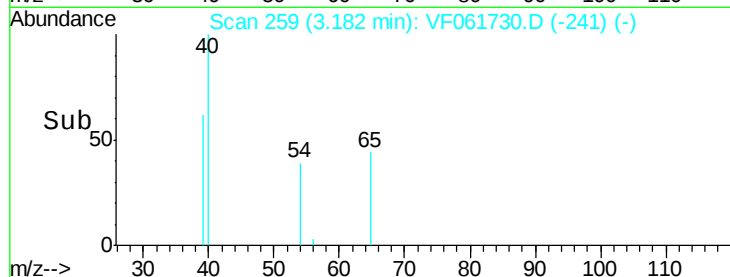
3.14

3.16

3.18

3.20

Time-->



#25

2-Butanone

Concen: 2.598 ug/l

RT: 4.34 min Scan# 376

Delta R.T. -0.00 min

Lab File: VF061730.D

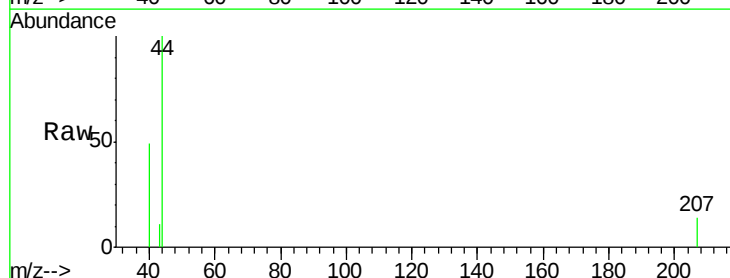
Acq: 25 Feb 2019 15:09

Tgt Ion: 43 Resp: 91

Ion Ratio Lower Upper

43 100

72 0.0 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

150

100

50

0

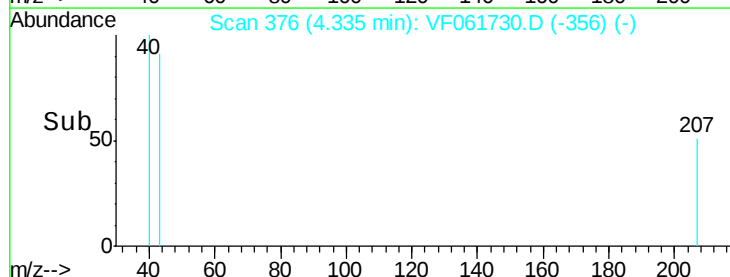
4.32

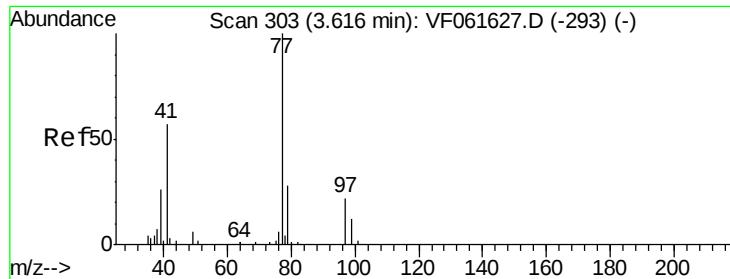
4.33

4.34

4.35

Time-->





#26

2,2-Dichloropropane

Concen: 1.077 ug/l

RT: 3.70 min Scan# 312

Delta R.T. 0.09 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

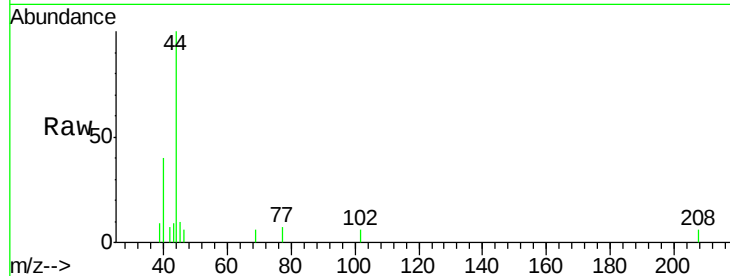
OK-03-022219-B

Tot Ion: 77 Resp: 71

Ion Ratio Lower Upper

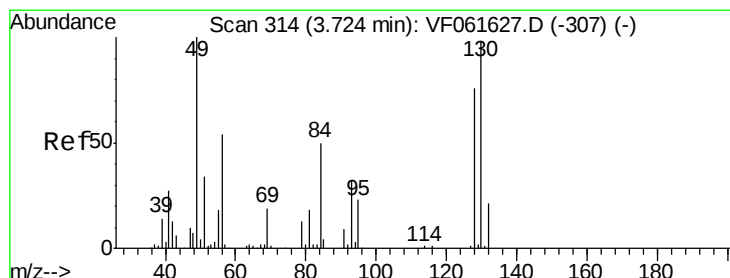
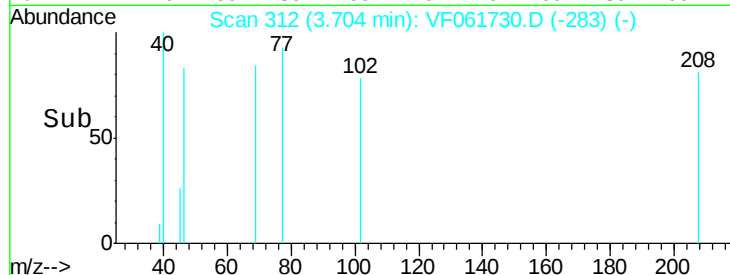
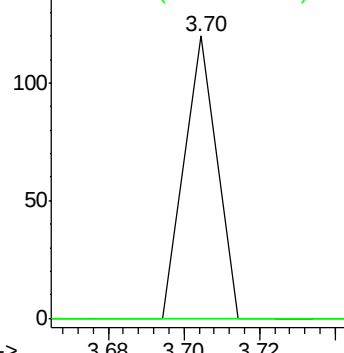
77 100

97 0.0 11.7 35.0#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#28

Bromochloromethane

Concen: 1.138 ug/l

RT: 3.74 min Scan# 316

Delta R.T. 0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

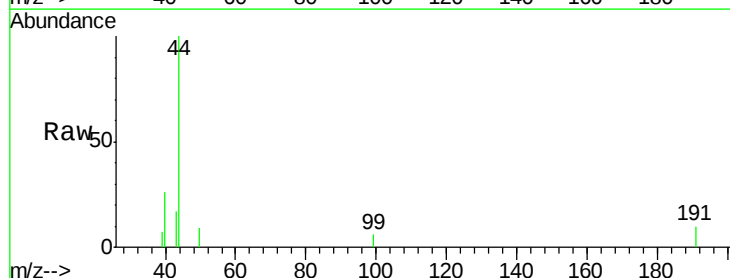
Tgt Ion: 49 Resp: 85

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

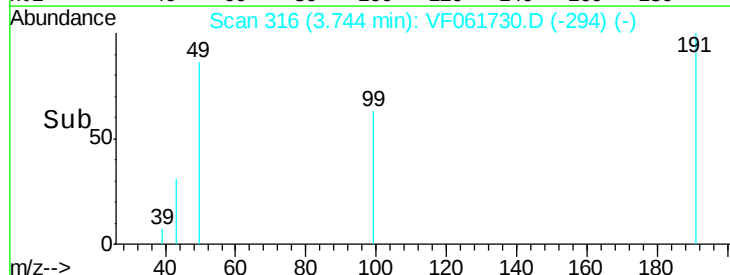
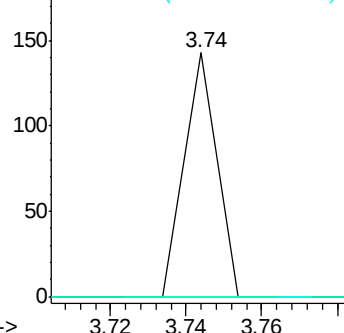
130 0.0 77.7 116.5#

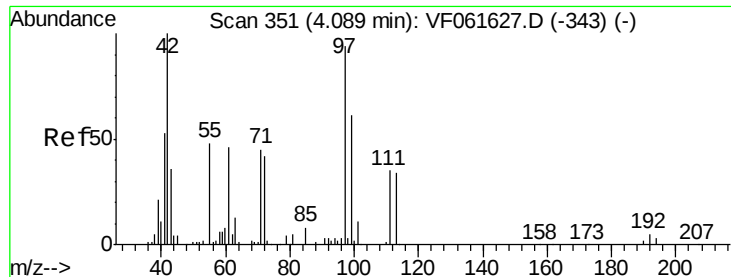


Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V

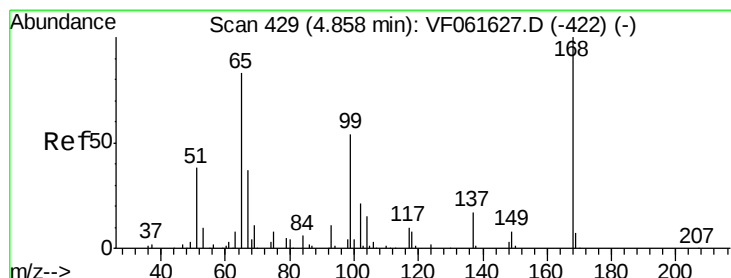
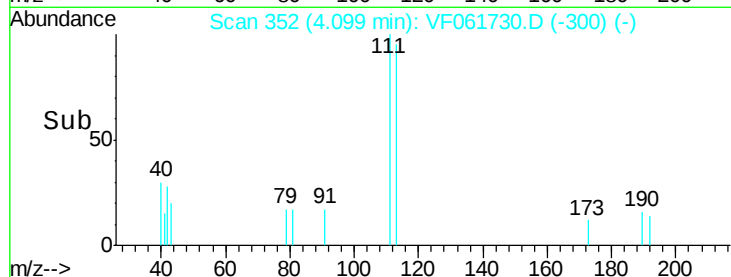
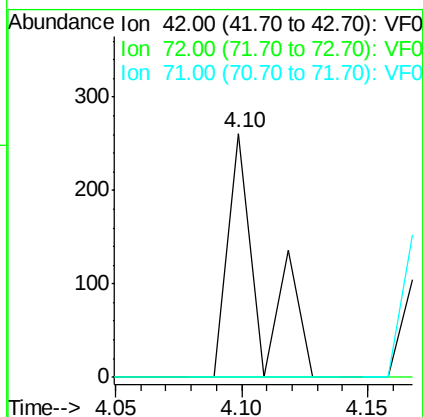
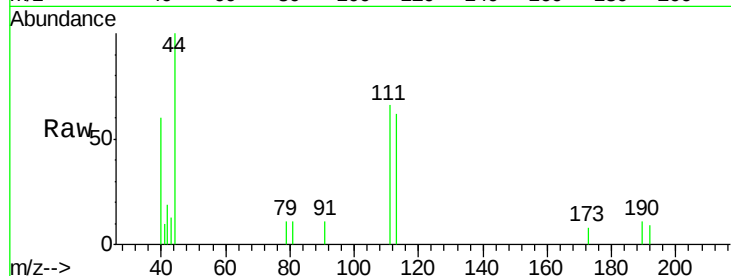




#29
Tetrahydrofuran
Concen: 14.761 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.01 min
Lab File: VF061730.D
Acq: 25 Feb 2019 15:09

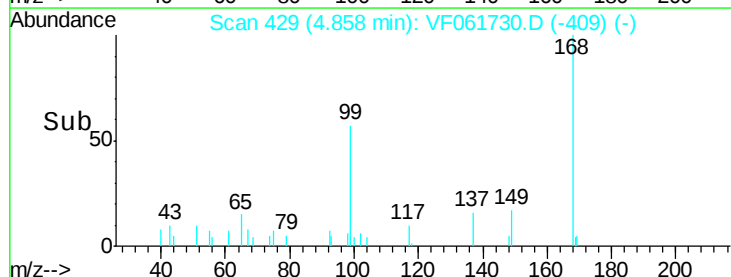
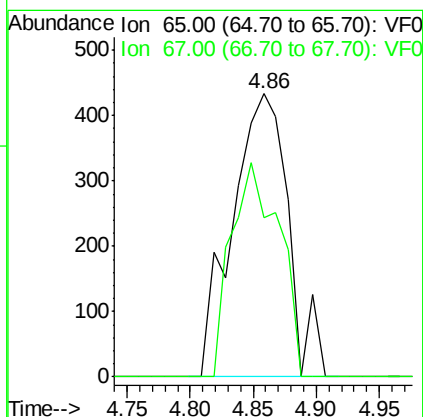
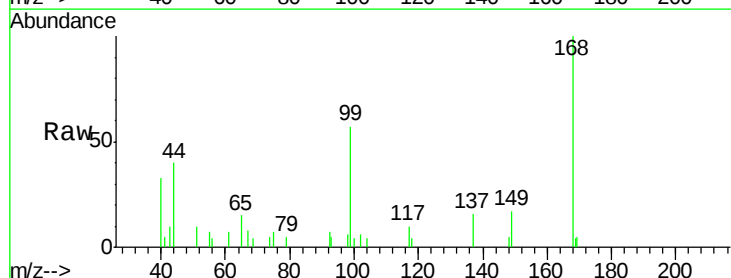
Instrument :
MSVOA_F
ClientSampleId :
OK-03-022219-B

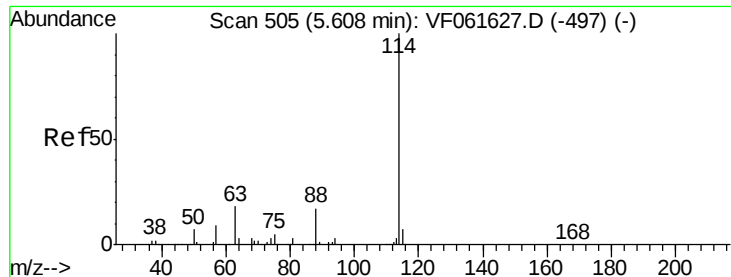
Tot Ion: 42 Resp: 235
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 0.0 32.9 49.3#



#33
1,2-Dichloroethane-d4
Concen: 17.835 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061730.D
Acq: 25 Feb 2019 15:09

Tgt Ion: 65 Resp: 1333
Ion Ratio Lower Upper
65 100
67 56.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

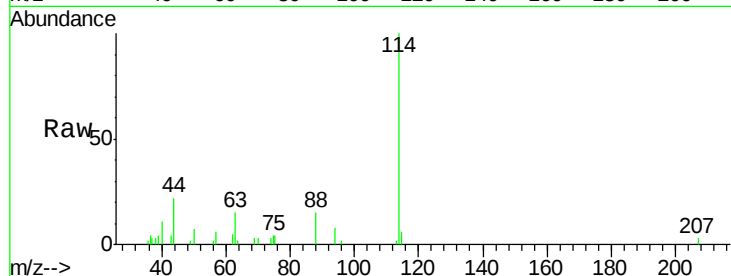
Tot Ion:114 Resp: 12817

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

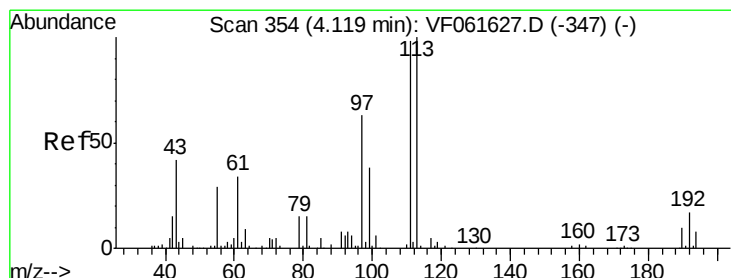
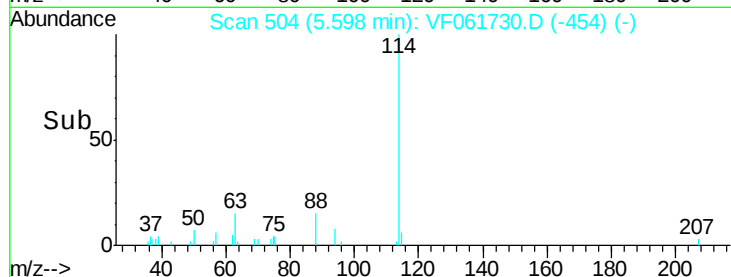
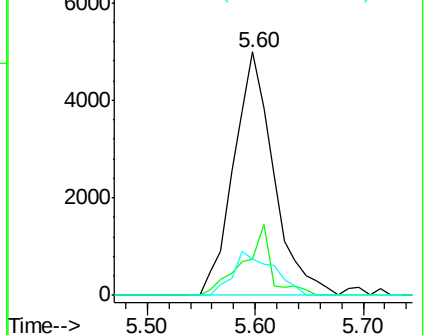
88 15.1 0.0 34.4



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: 32.601 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

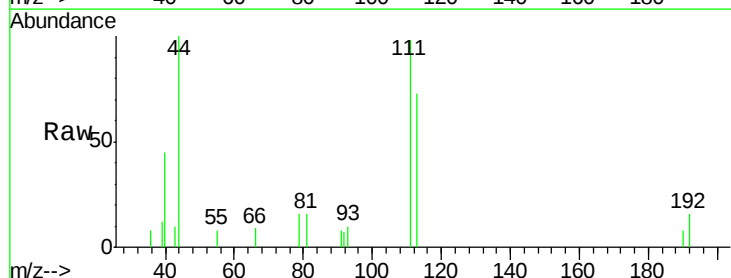
Tgt Ion:113 Resp: 3103

Ion Ratio Lower Upper

113 100

111 132.9 78.8 118.2#

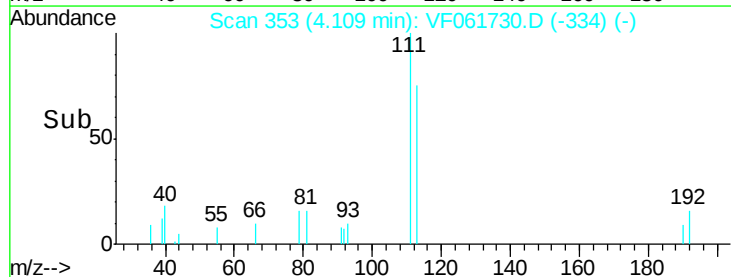
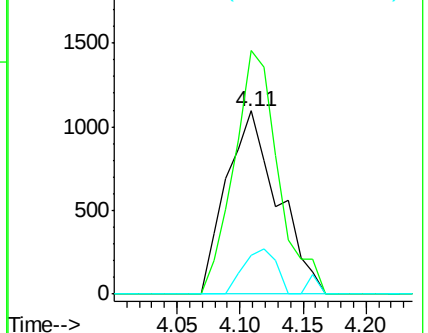
192 21.4 13.4 20.0#

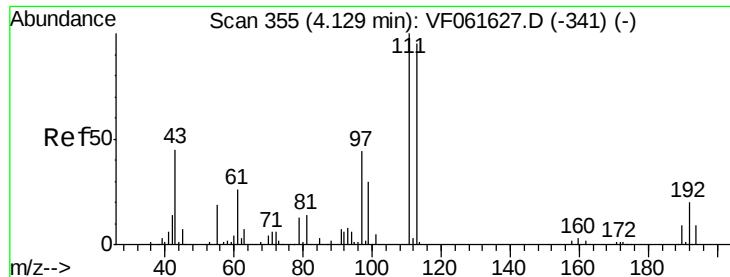


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 4.053 ug/l

RT: 4.15 min Scan# 357

Delta R.T. 0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

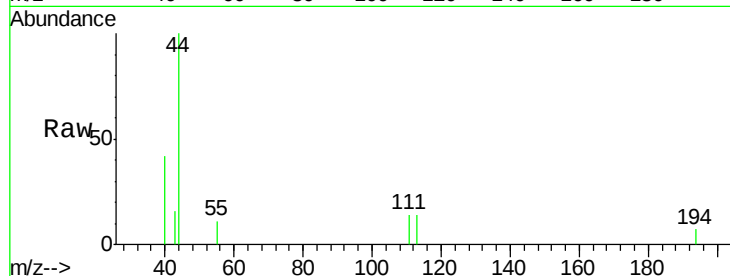
Tot Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100

61 0.0 45.7 68.5#

70 0.0 8.5 12.7#

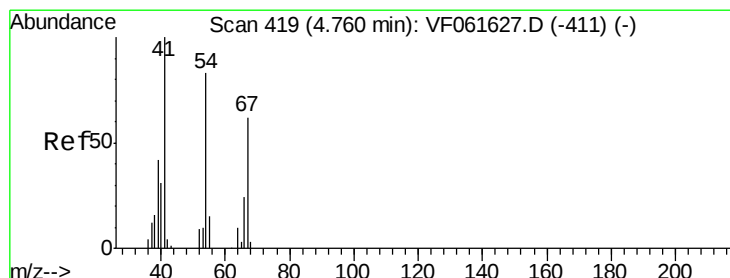
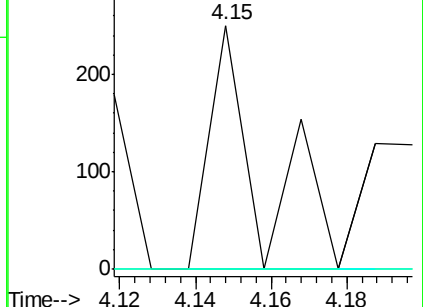
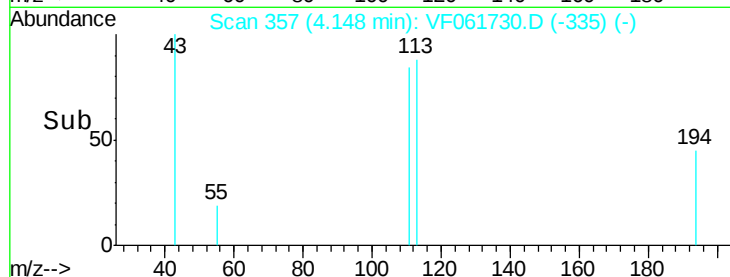


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Time-->



#41

Methacrylonitrile

Concen: 9.384 ug/l

RT: 4.75 min Scan# 418

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Tgt Ion: 41 Resp: 283

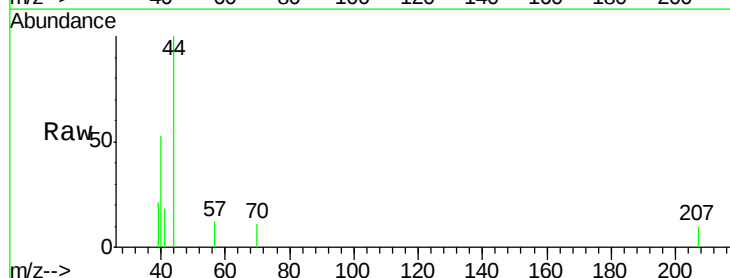
Ion Ratio Lower Upper

41 100

39 118.6 45.3 67.9#

67 0.0 49.3 73.9#

52 0.0 32.6 49.0#



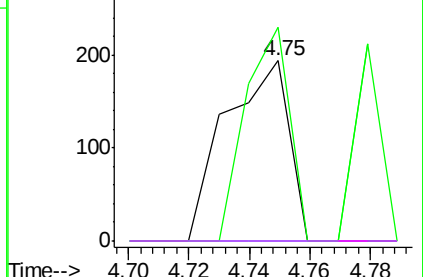
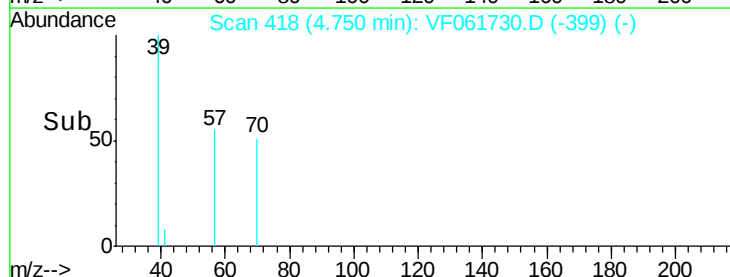
Abundance Ion 41.00 (40.70 to 41.70): VF0

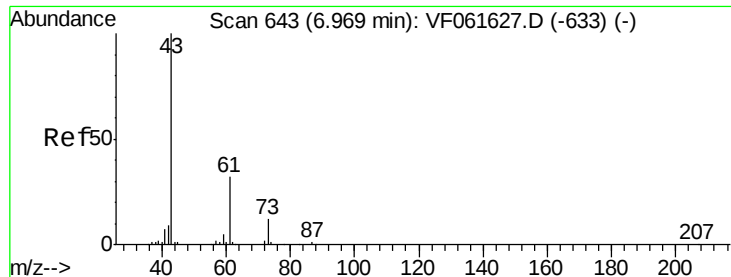
Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Time-->





#43

Isopropyl Acetate

Concen: 2.521 ug/l

RT: 6.94 min Scan# 640

Delta R.T. -0.03 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

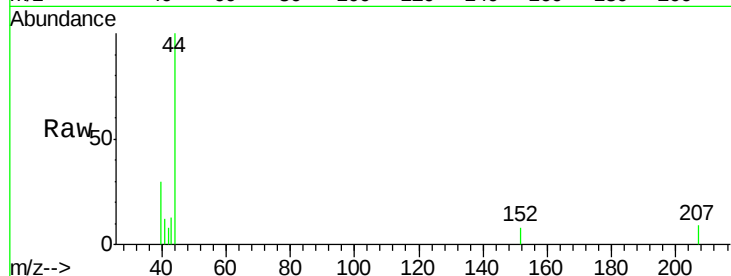
Tot Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

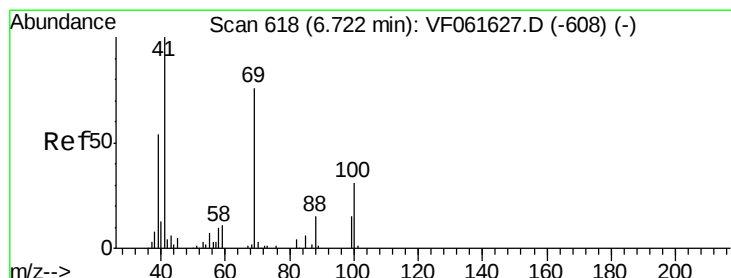
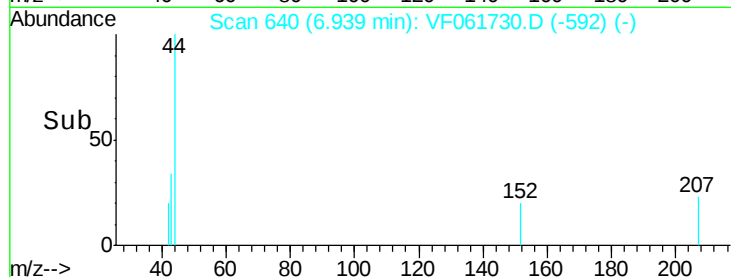
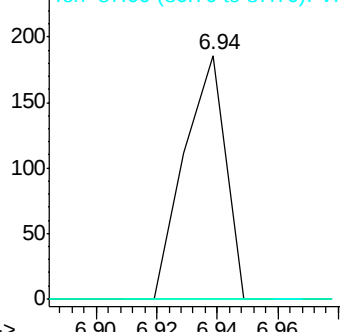
87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#48

Methyl methacrylate

Concen: 2.476 ug/l

RT: 6.70 min Scan# 616

Delta R.T. -0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

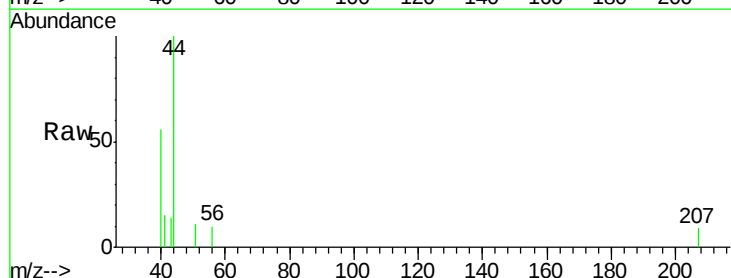
Tgt Ion: 41 Resp: 104

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

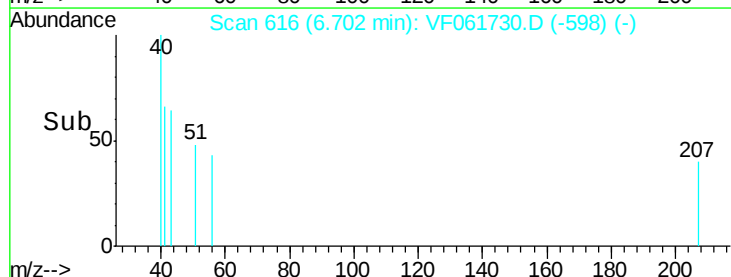
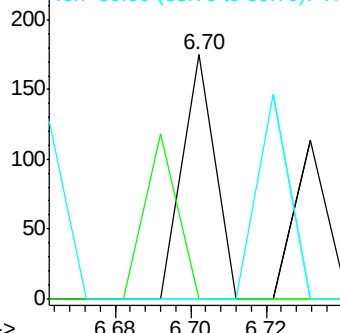
39 0.0 43.7 65.5#

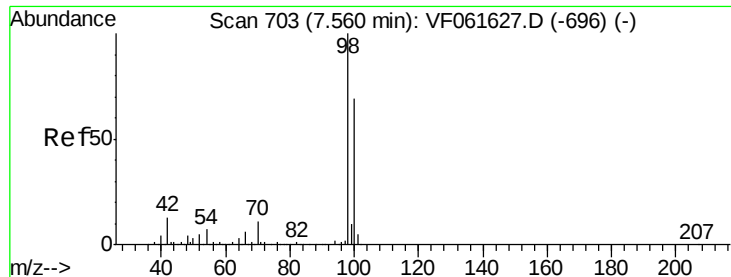


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#50

Toluene-d8

Concen: 38.620 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

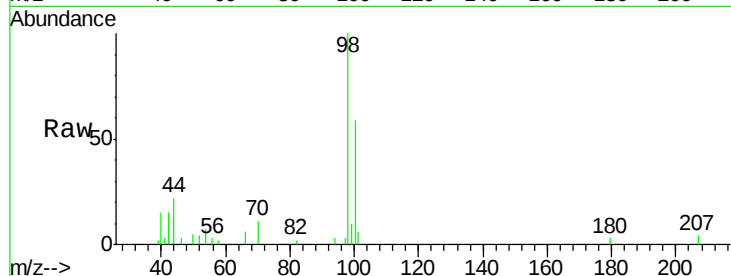
OK-03-022219-B

Tot Ion: 98 Resp: 10567

Ion Ratio Lower Upper

98 100

100 59.5 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.56

4000

3000

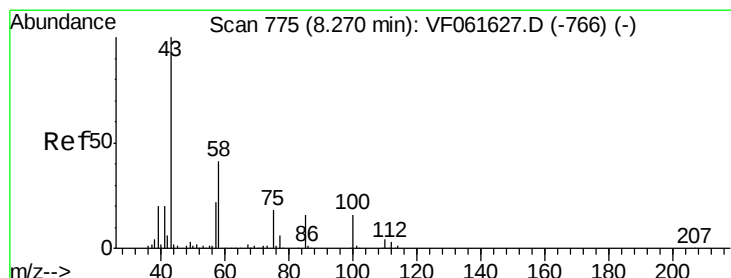
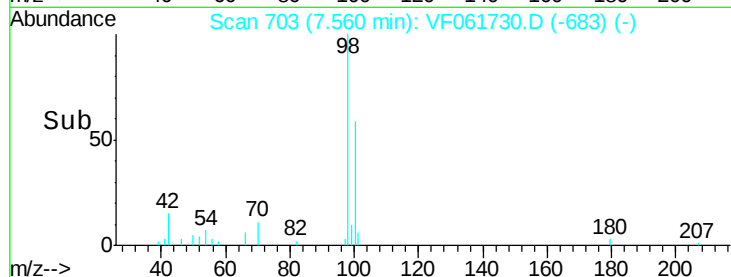
2000

1000

0

7.50 7.60

Time-->



#51

4-Methyl-2-Pentanone

Concen: 7.238 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF061730.D

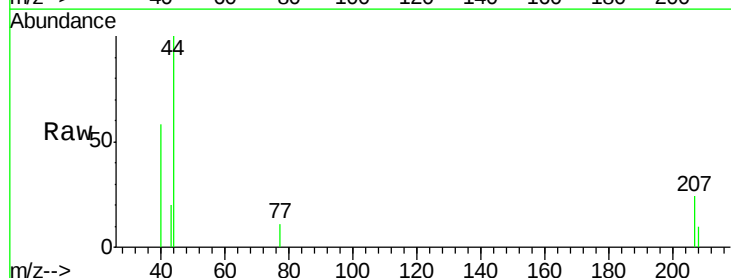
Acq: 25 Feb 2019 15:09

Tgt Ion: 43 Resp: 361

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.26

250

200

150

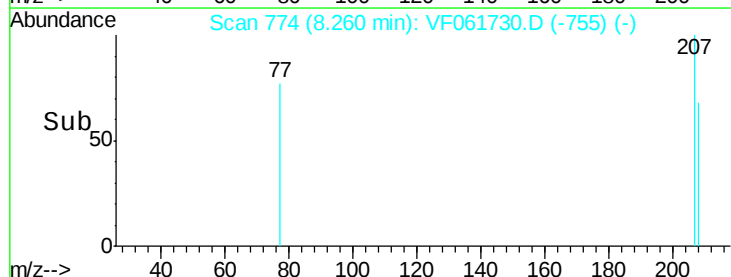
100

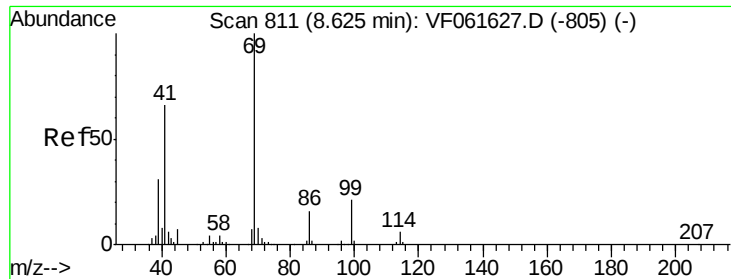
50

0

8.25 8.30

Time-->





#56

Ethyl methacrylate

Concen: 1.002 ug/l

RT: 8.61 min Scan# 809

Delta R.T. -0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

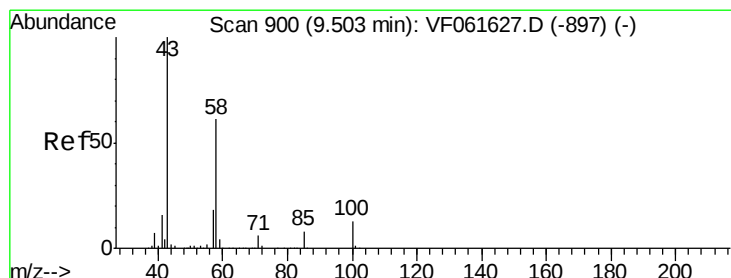
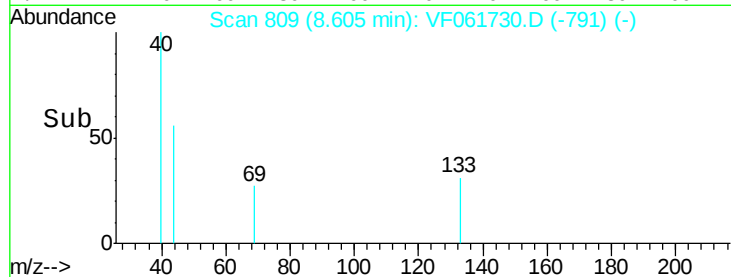
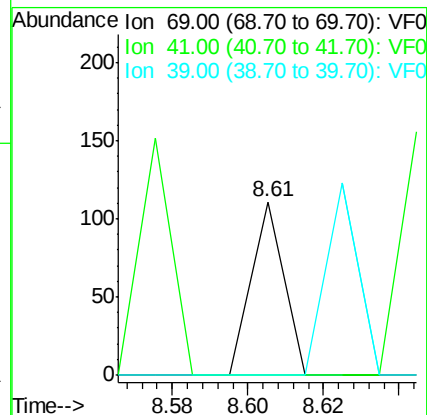
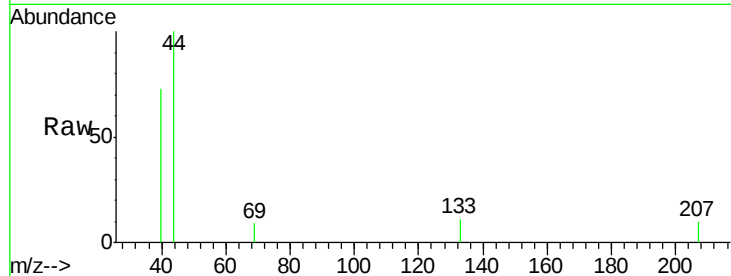
Tot Ion: 69 Resp: 66

Ion Ratio Lower Upper

69 100

41 0.0 52.9 79.3#

39 0.0 24.5 36.7#



#59

2-Hexanone

Concen: 2.174 ug/l

RT: 9.52 min Scan# 902

Delta R.T. 0.02 min

Lab File: VF061730.D

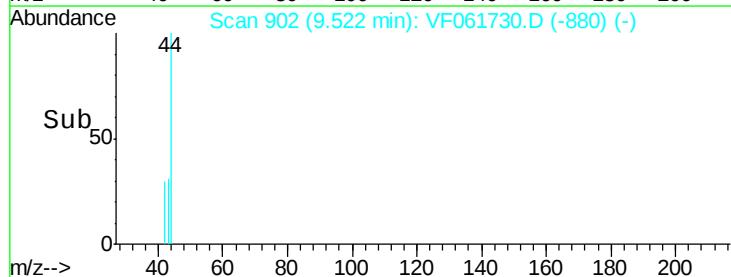
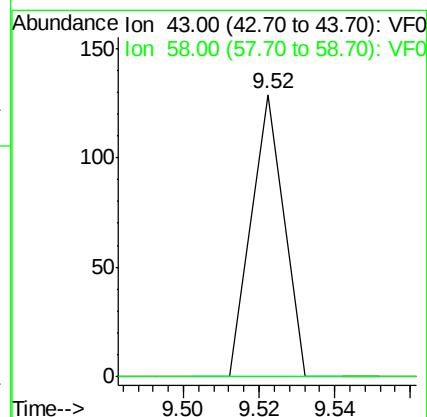
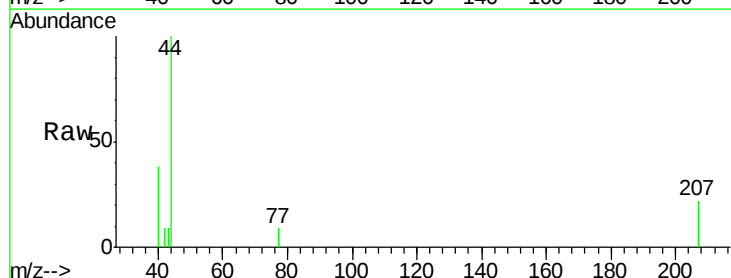
Acq: 25 Feb 2019 15:09

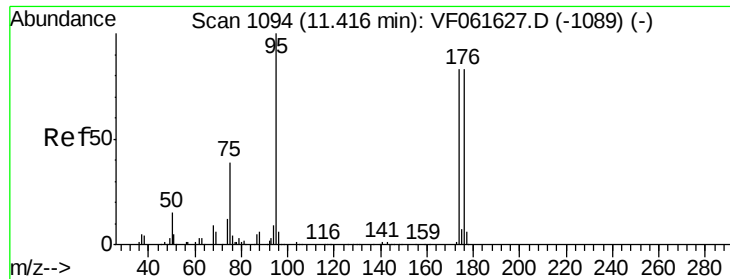
Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

58 0.0 28.5 85.5#





#62

4-Bromofluorobenzene

Concen: 21.335 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

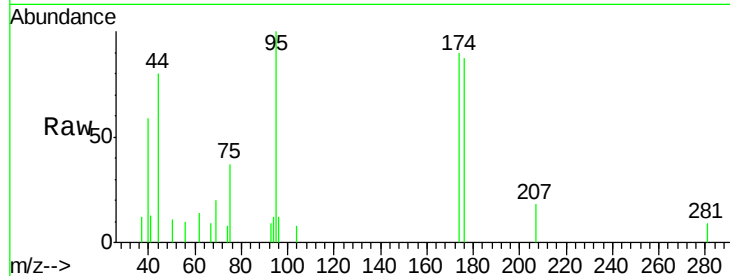
Tot Ion: 95 Resp: 2362

Ion Ratio Lower Upper

95 100

174 89.7 0.0 165.8

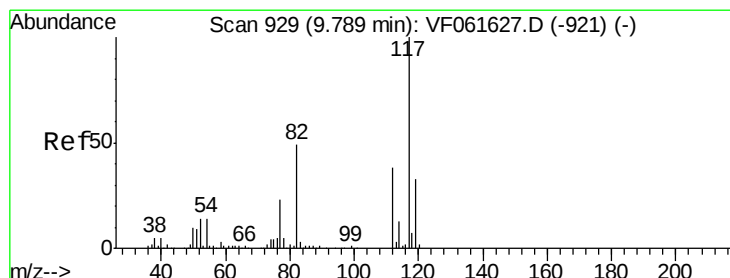
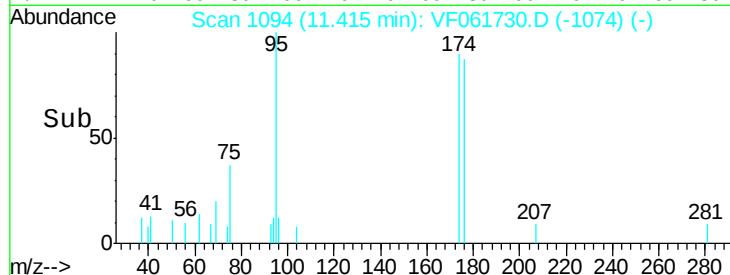
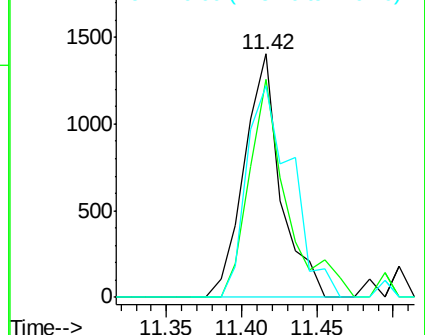
176 86.8 0.0 167.0



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: 9.77 min Scan# 927

Delta R.T. -0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

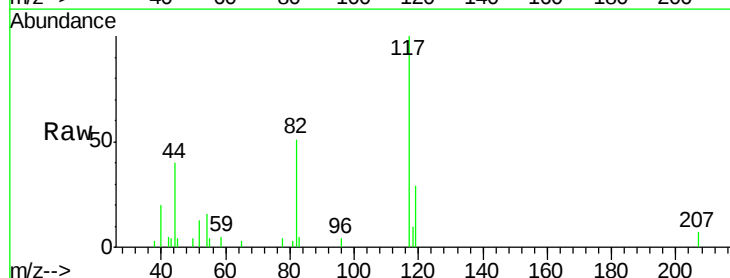
Tgt Ion: 117 Resp: 8670

Ion Ratio Lower Upper

117 100

82 50.8 39.3 58.9

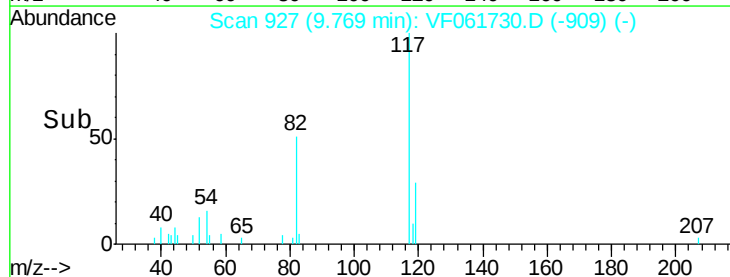
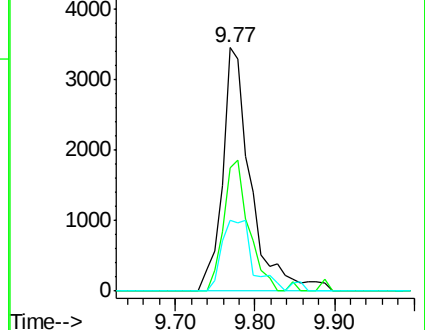
119 29.3 26.6 40.0

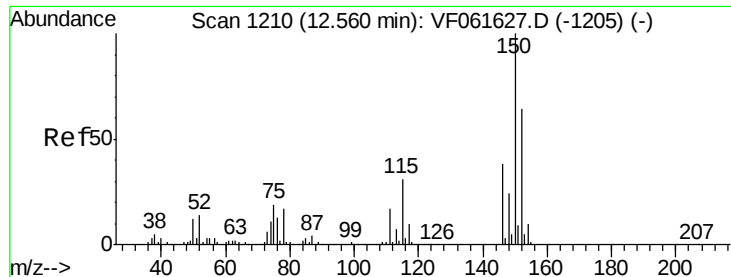


Abundance Ion 117.00 (116.70 to 117.70): V

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# 1209

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

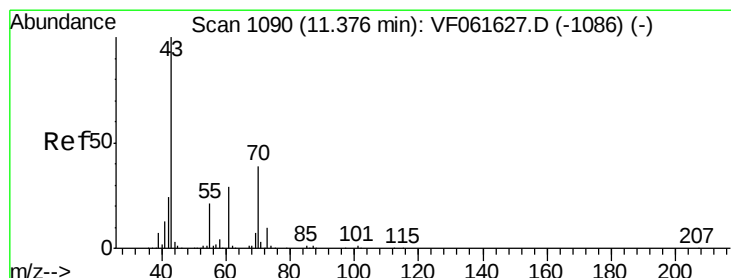
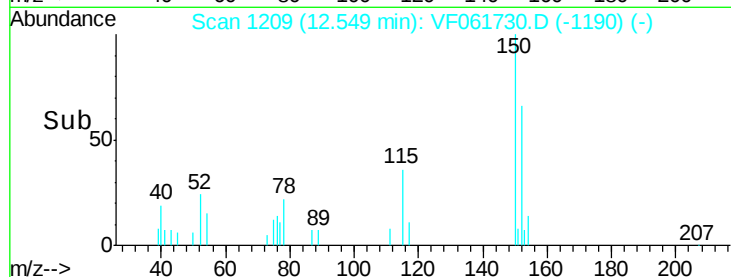
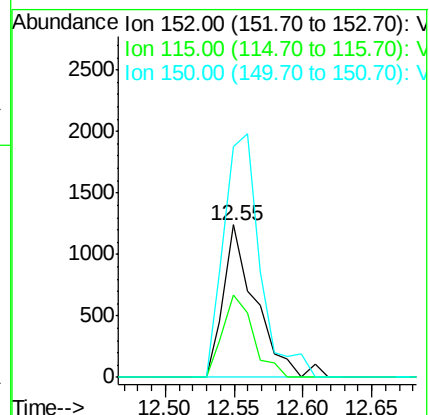
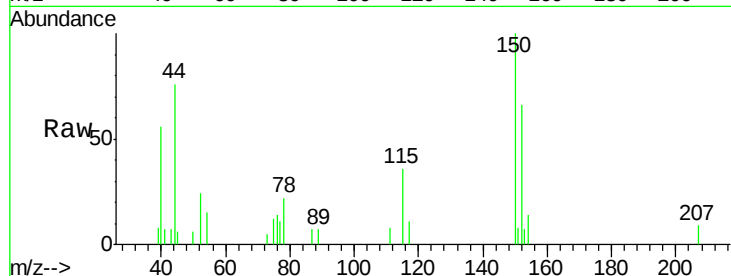
Tot Ion:152 Resp: 2025

Ion Ratio Lower Upper

152 100

115 54.0 24.3 72.8

150 151.5 0.0 312.0



#74

N-ethyl acetate

Concen: 12.541 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.02 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Tgt Ion: 43 Resp: 434

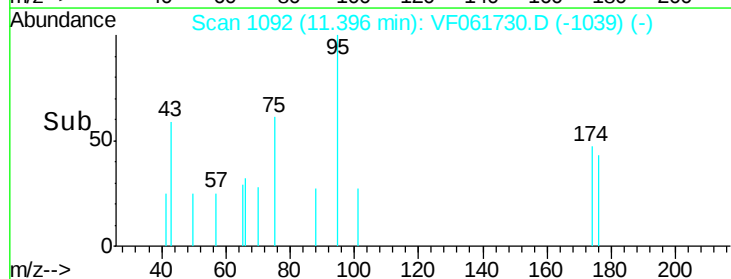
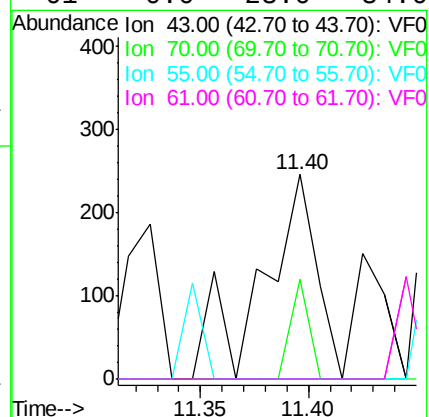
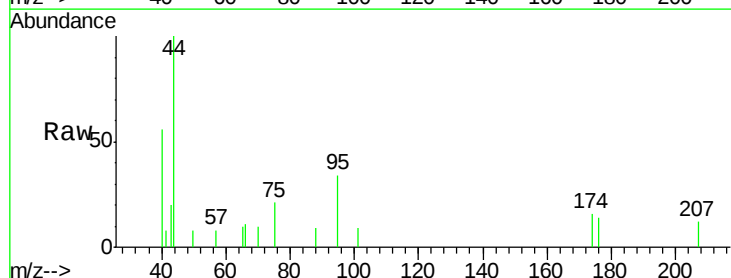
Ion Ratio Lower Upper

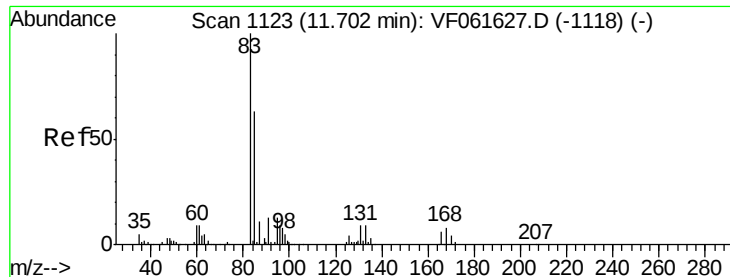
43 100

70 48.6 31.5 47.3#

55 0.0 16.7 25.1#

61 0.0 23.0 34.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.478 ug/l

RT: 11.58 min Scan# 1111

Delta R.T. -0.12 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

Instrument :

MSVOA_F

ClientSampleId :

OK-03-022219-B

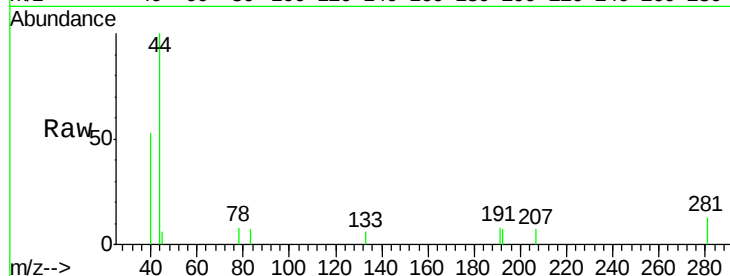
Tot Ion: 83 Resp: 64

Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

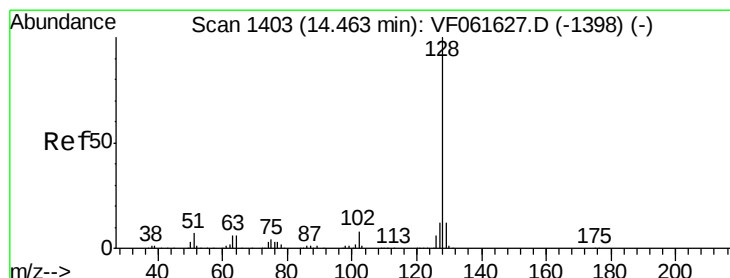
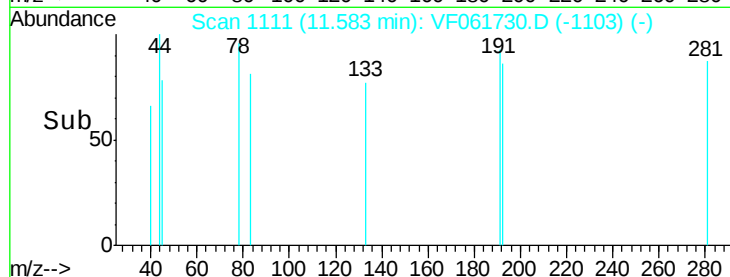
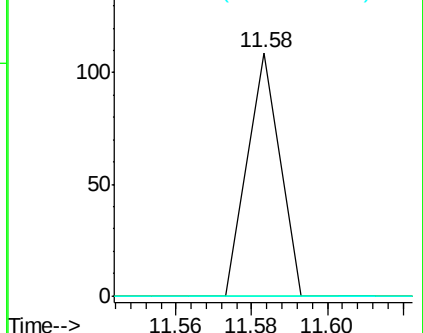
85 0.0 31.5 94.5#



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



#95

Naphthalene

Concen: 1.739 ug/l

RT: 14.45 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF061730.D

Acq: 25 Feb 2019 15:09

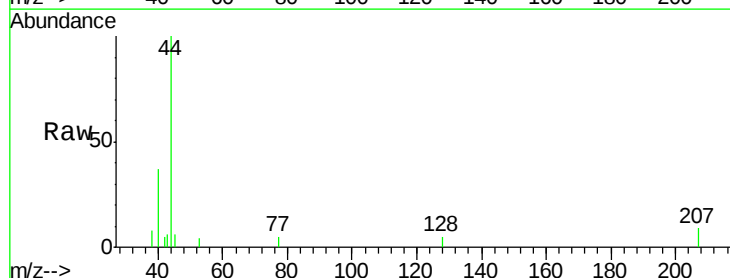
Tgt Ion: 128 Resp: 144

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.6#

129 0.0 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

