

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022119\
 Data File : VF061698.D
 Acq On : 21 Feb 2019 15:13
 Operator : VA/AP
 Sample : K1344-03
 Misc : 10.47g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 22 03:28:40 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	4.86	168	16741	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	19610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	11925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	3828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	1709	13.92	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	27.84%	
35) Dibromofluoromethane	4.12	113	3454	23.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	47.44%	
50) Toluene-d8	7.55	98	14072	33.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	67.22%	
62) 4-Bromofluorobenzene	11.42	95	3765	22.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	44.46%	

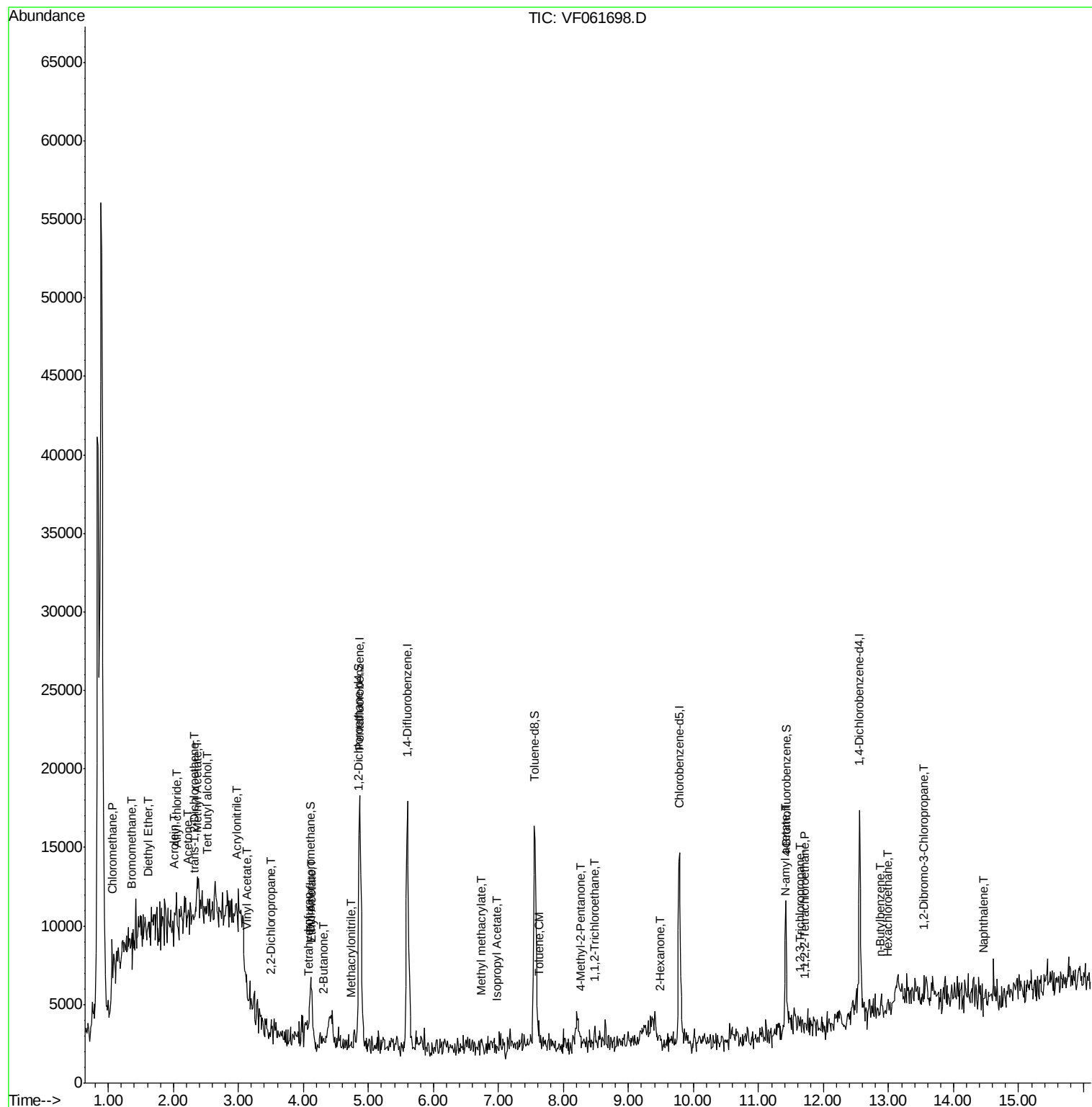
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	315	1.562	ug/l #	42
5) Bromomethane	1.35	94	891	6.904	ug/l #	3
8) Diethyl Ether	1.63	74	63	1.105	ug/l #	42
11) Tert butyl alcohol	2.53	59	73	10.275	ug/l #	63
13) Acrolein	2.01	56	169	18.926	ug/l #	1
14) Allyl chloride	2.04	41	445	2.528	ug/l #	71
15) Acrylonitrile	2.96	53	149	5.912	ug/l #	1
16) Acetone	2.24	43	1326	50.342	ug/l #	79
18) Methyl Acetate	2.37	43	4107	69.215	ug/l #	59
20) Methylene Chloride	2.16	84	351	Below Cal	#	37
21) trans-1,2-Dichloroethene	2.32	96	199	1.276	ug/l #	1
23) Vinyl Acetate	3.13	43	2017	9.773	ug/l #	74
25) 2-Butanone	4.30	43	326	5.666	ug/l #	55
26) 2,2-Dichloropropane	3.49	77	135	1.246	ug/l #	52
29) Tetrahydrofuran	4.07	42	341	13.040	ug/l #	53
37) Ethyl Acetate	4.13	43	208	2.305	ug/l #	13
41) Methacrylonitrile	4.74	41	98	2.124	ug/l #	25
43) Isopropyl Acetate	6.97	43	342	3.202	ug/l #	43
48) Methyl methacrylate	6.72	41	155	2.412	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	362	4.744	ug/l #	34
52) Toluene	7.62	92	571	1.853	ug/l #	11
55) 1,1,2-Trichloroethane	8.48	97	120	1.325	ug/l #	16
59) 2-Hexanone	9.49	43	164	3.066	ug/l #	23
74) N-ethyl acetate	11.40	43	78	1.192	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.71	83	77	1.577	ug/l #	26
76) 1,2,3-Trichloropropane	11.64	75	60	1.807	ug/l #	42
89) n-Butylbenzene	12.87	91	374	1.513	ug/l #	28
90) Hexachloroethane	12.98	117	68	1.117	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.53	75	88	11.367	ug/l #	31
95) Naphthalene	14.46	128	250	1.597	ug/l #	33

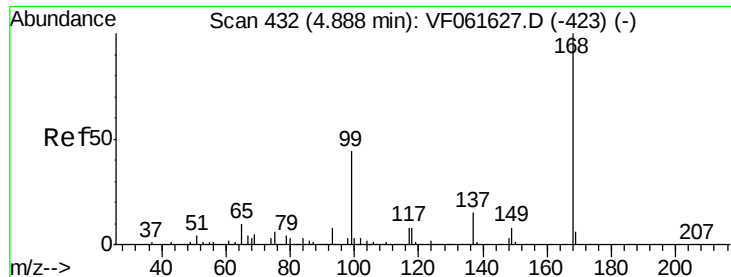
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

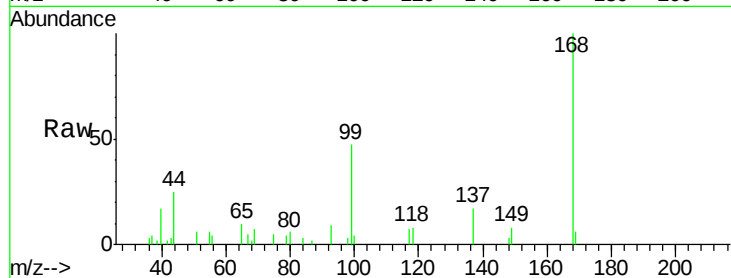
NB-08-022019-B

Tot Ion:168 Resp: 16741

Ion Ratio Lower Upper

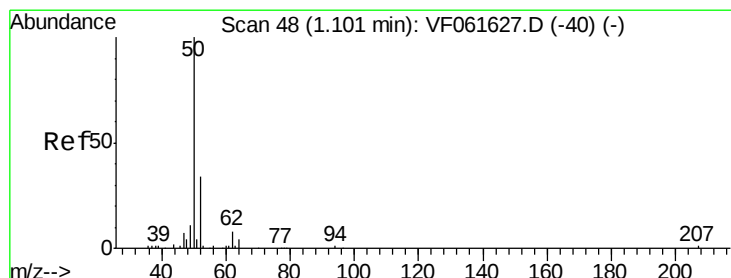
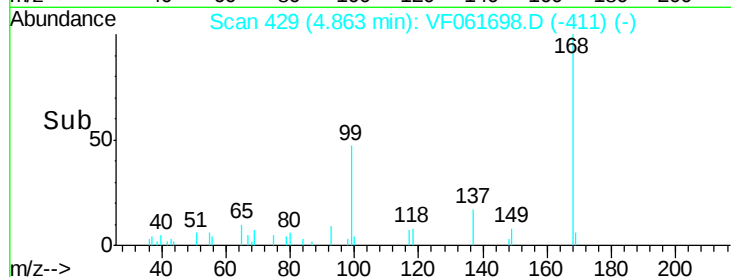
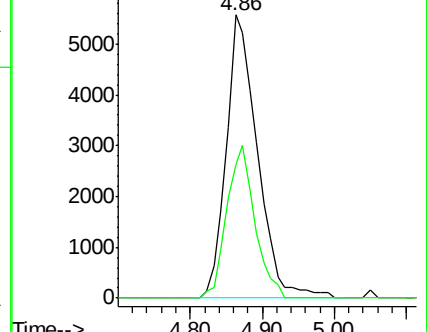
168 100

99 47.4 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#3

Chloromethane

Concen: 1.562 ug/l

RT: 1.07 min Scan# 44

Delta R.T. -0.04 min

Lab File: VF061698.D

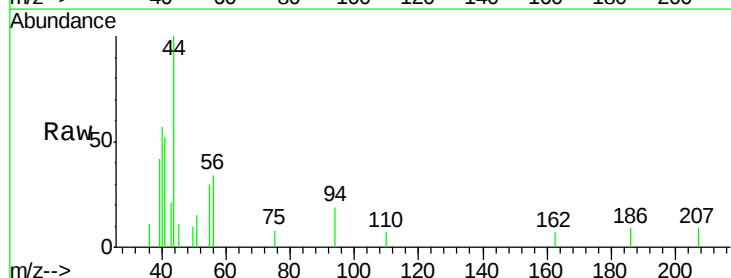
Acq: 21 Feb 2019 15:13

Tgt Ion: 50 Resp: 315

Ion Ratio Lower Upper

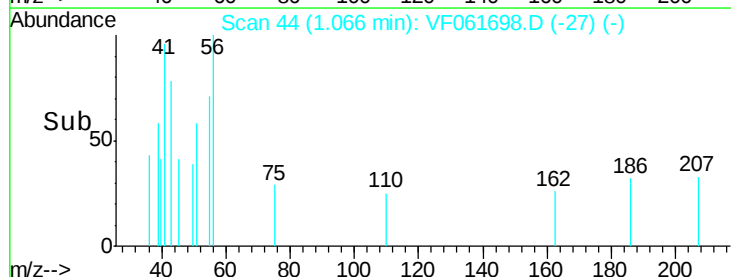
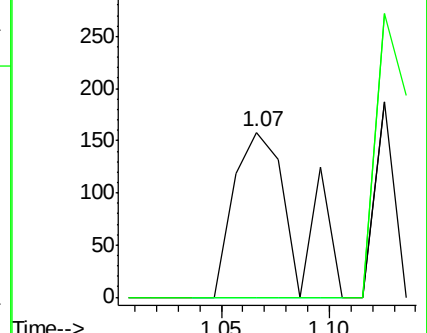
50 100

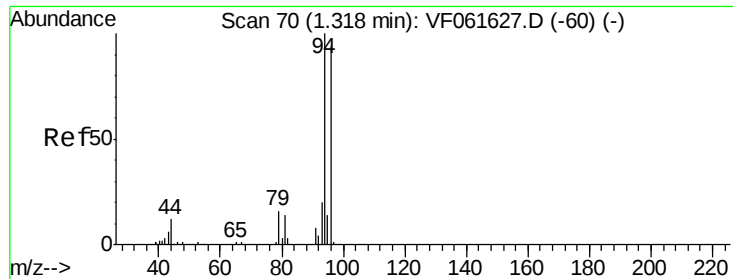
52 0.0 26.2 39.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#5

Bromomethane

Concen: 6.904 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.03 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

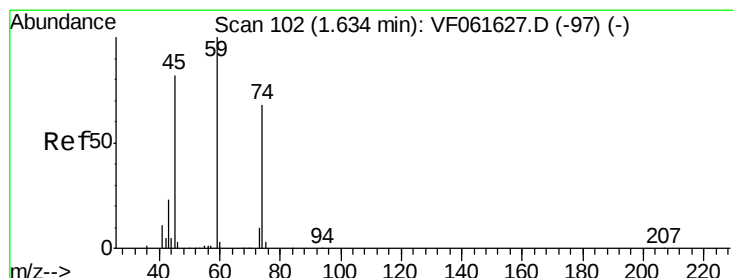
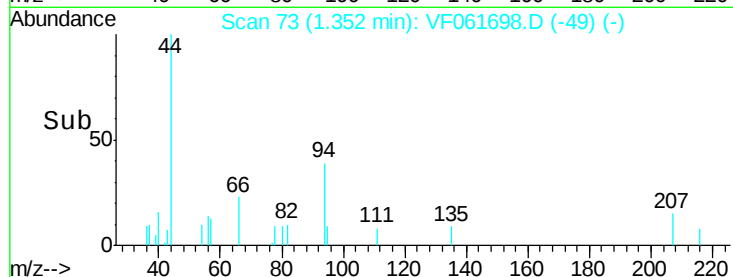
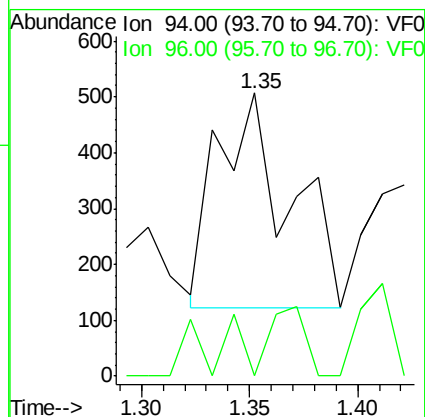
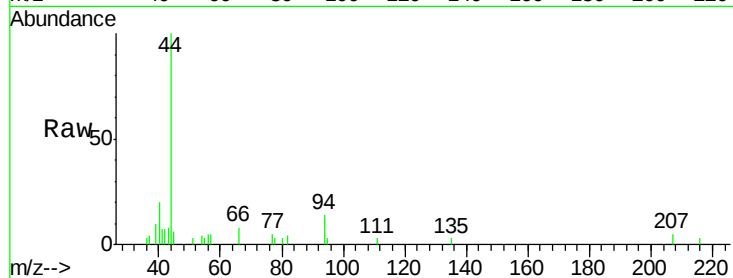
NB-08-022019-B

Tot Ion: 94 Resp: 891

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



#8

Diethyl Ether

Concen: 1.105 ug/l

RT: 1.63 min Scan# 101

Delta R.T. -0.01 min

Lab File: VF061698.D

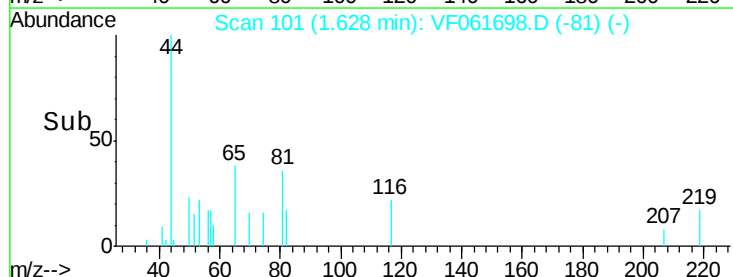
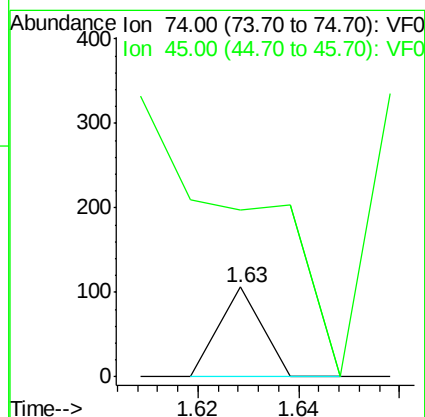
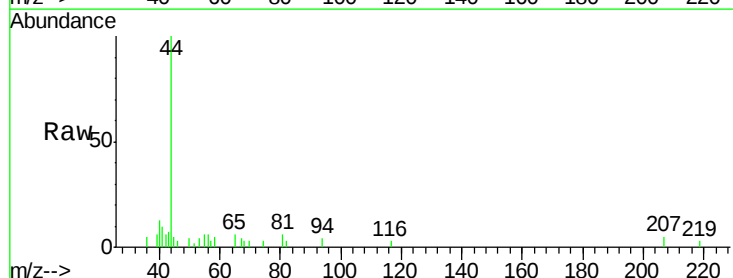
Acq: 21 Feb 2019 15:13

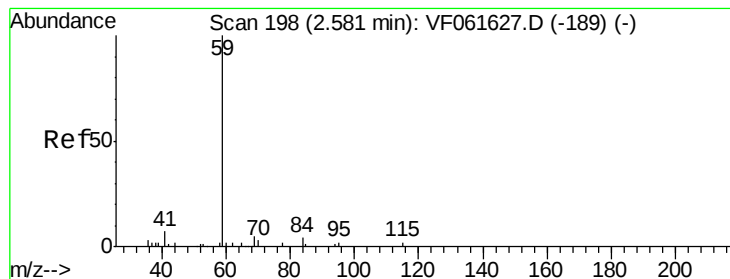
Tgt Ion: 74 Resp: 63

Ion Ratio Lower Upper

74 100

45 186.8 60.8 182.3#



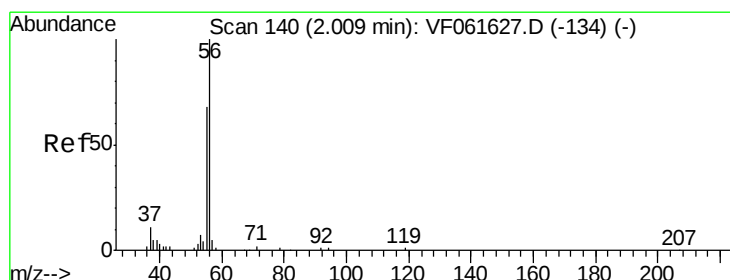
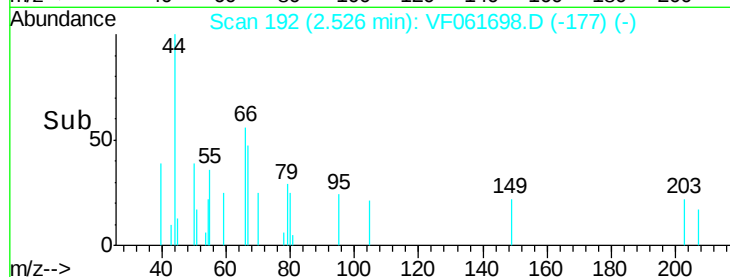
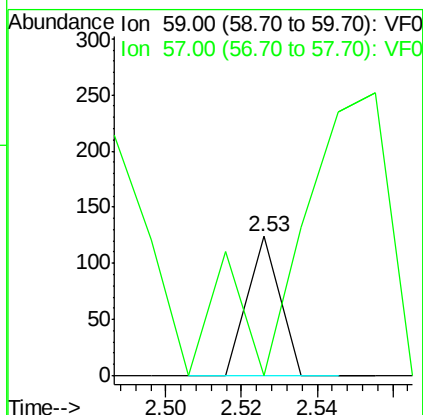
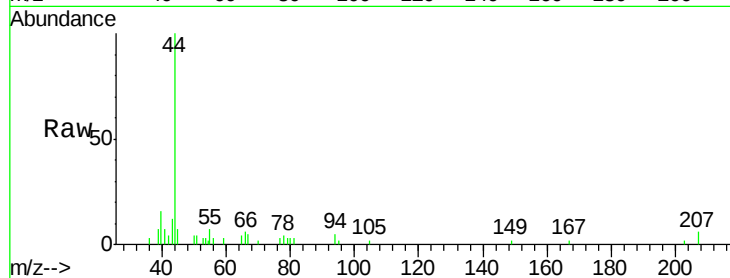


#11

Tert butyl alcohol
Concen: 10.275 ug/l
RT: 2.53 min Scan# 192
Delta R.T. -0.05 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-B

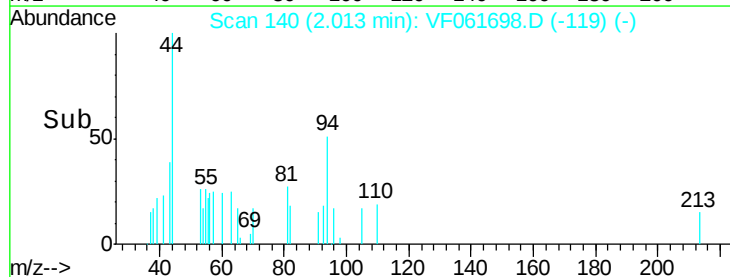
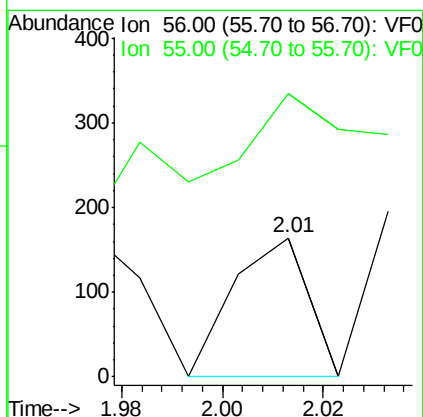
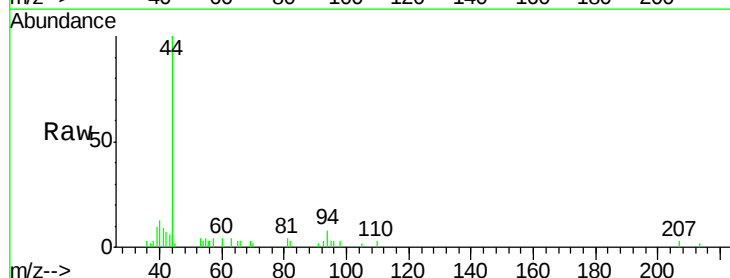
Tot Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 12.5 18.7#

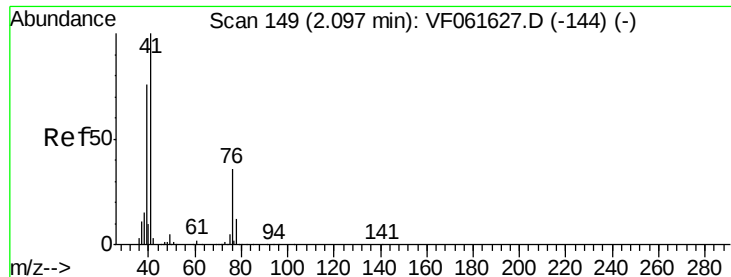


#13

Acrolein
Concen: 18.926 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.00 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 203.7 55.0 82.6#





#14

Allvl chloride

Concen: 2.528 ug/l

RT: 2.04 min Scan# 143

Delta R.T. -0.05 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-B

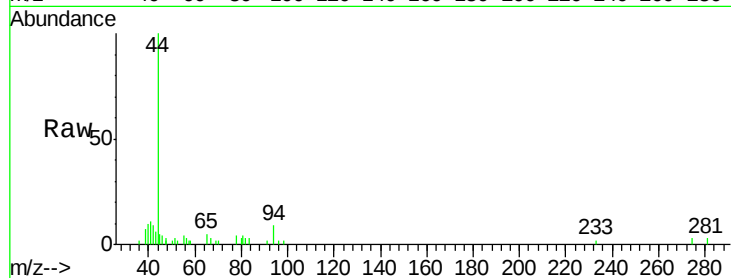
Tot Ion: 41 Resp: 445

Ion Ratio Lower Upper

41 100

39 66.1 61.6 92.4

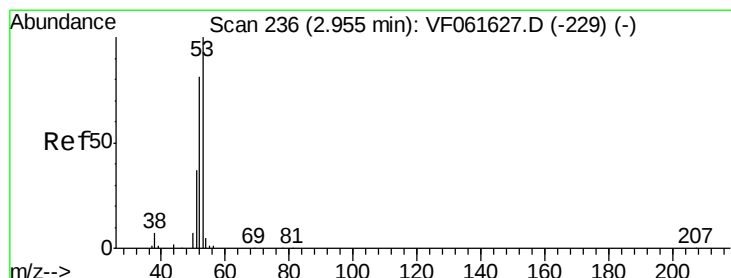
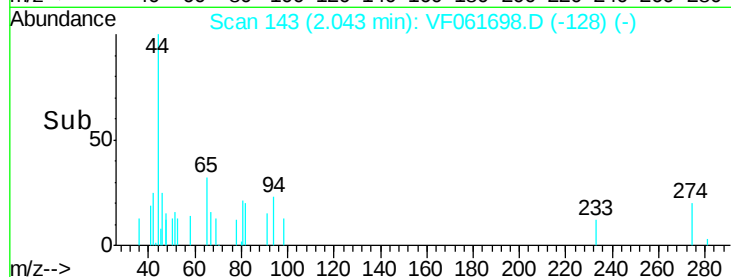
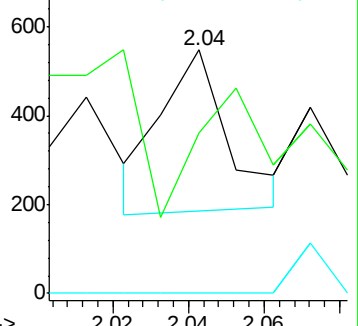
76 0.0 30.3 45.5#



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: 5.912 ug/l

RT: 2.96 min Scan# 236

Delta R.T. 0.00 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

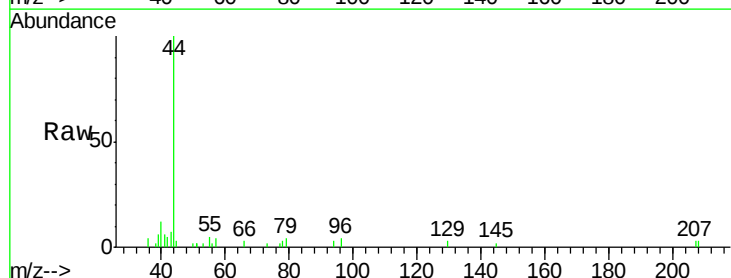
Tgt Ion: 53 Resp: 149

Ion Ratio Lower Upper

53 100

52 0.0 64.6 97.0#

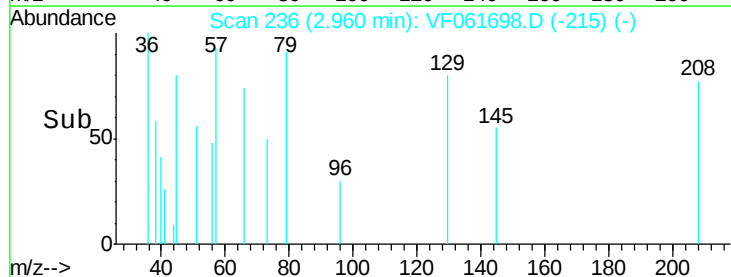
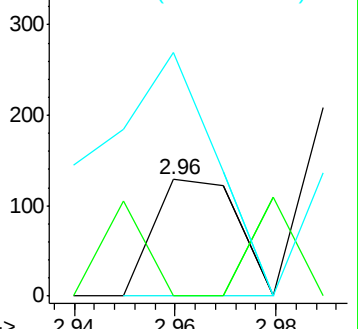
51 208.5 29.8 44.8#

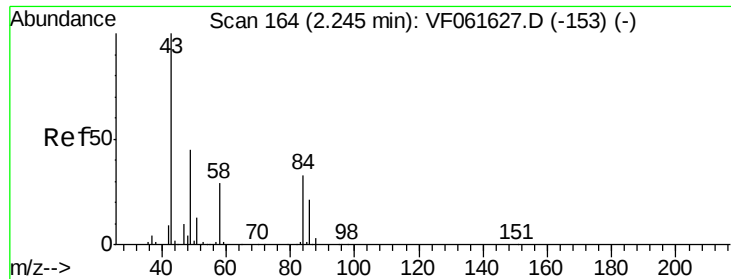


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

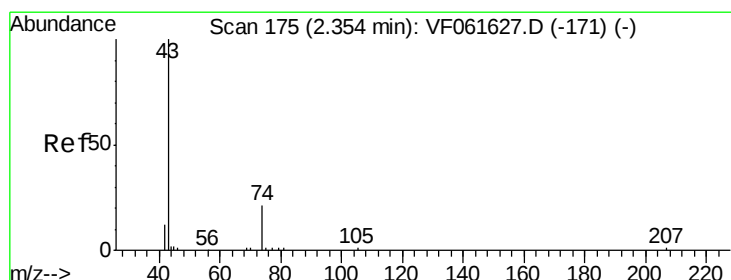
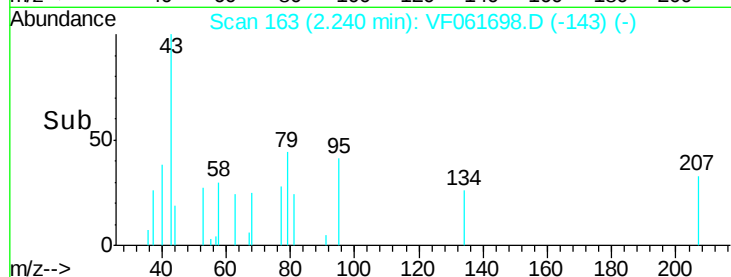
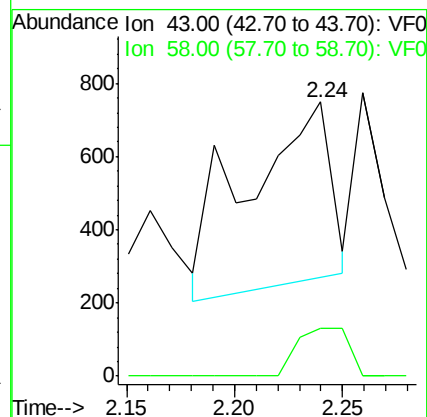
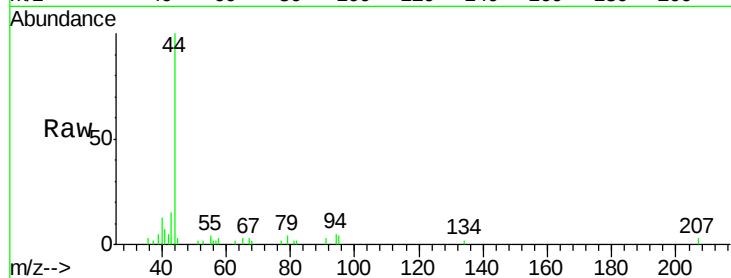




#16
Acetone
Concen: 50.342 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

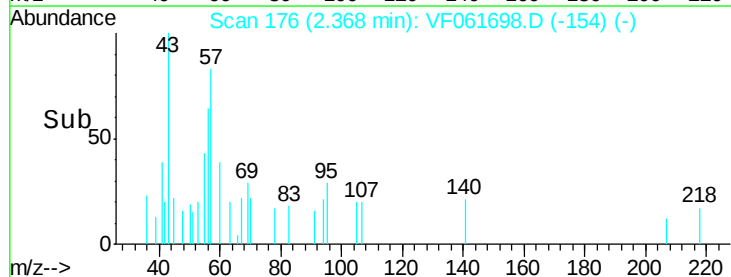
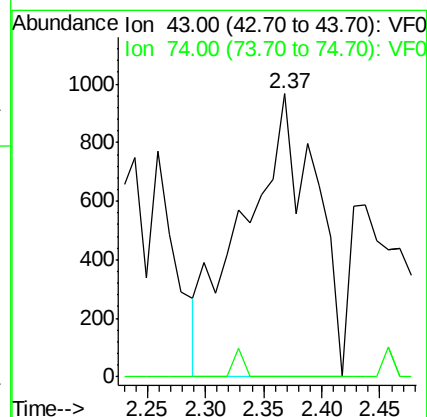
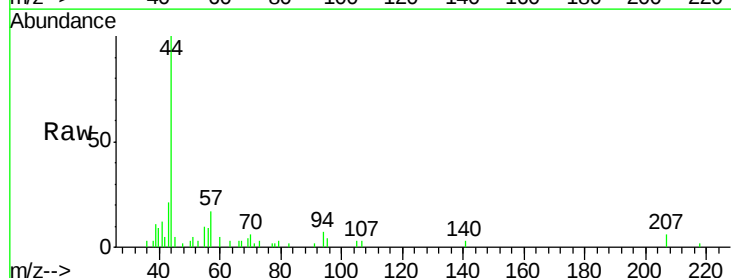
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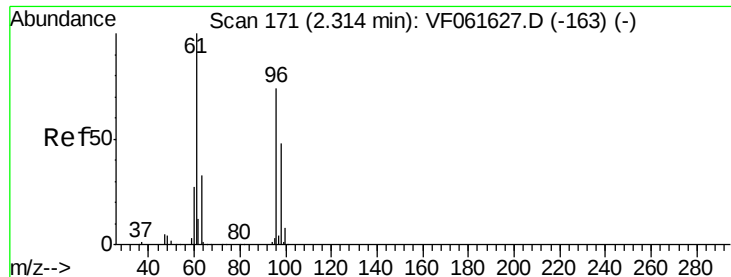
Tot Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
58 17.6 22.9 34.3#



#18
Methyl Acetate
Concen: 69.215 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Tgt Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#





#21

trans-1,2-Dichloroethene

Concen: 1.276 ug/l

RT: 2.32 min Scan# 171

Delta R.T. 0.00 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-B

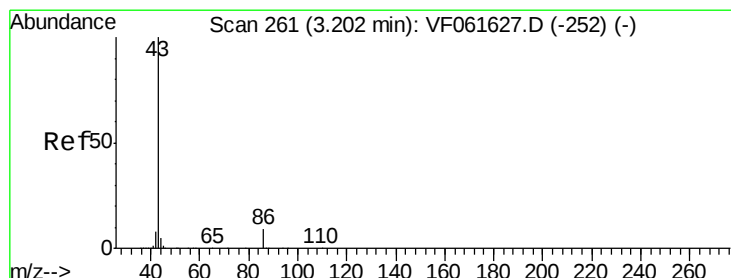
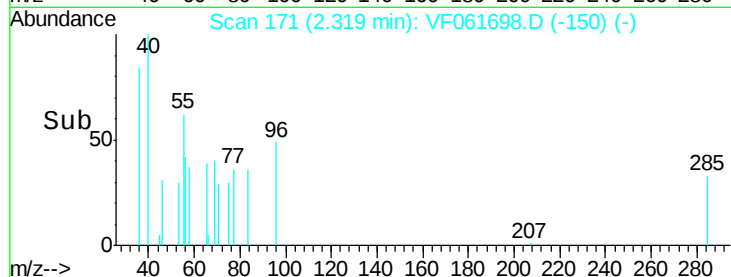
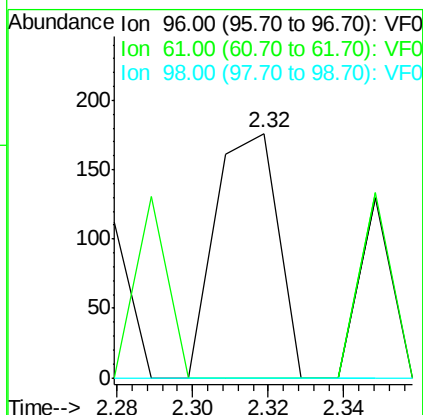
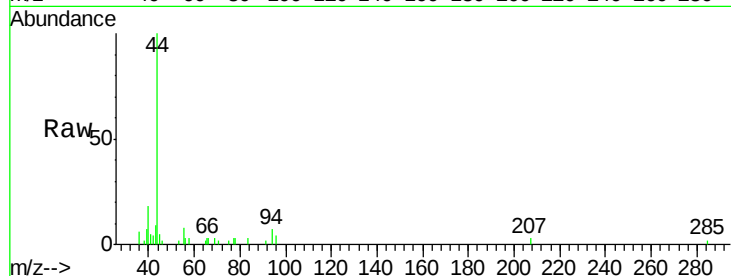
Tot Ion: 96 Resp: 199

Ion Ratio Lower Upper

96 100

61 0.0 108.2 162.4#

98 0.0 52.2 78.2#



#23

Vinyl Acetate

Concen: 9.773 ug/l

RT: 3.13 min Scan# 253

Delta R.T. -0.07 min

Lab File: VF061698.D

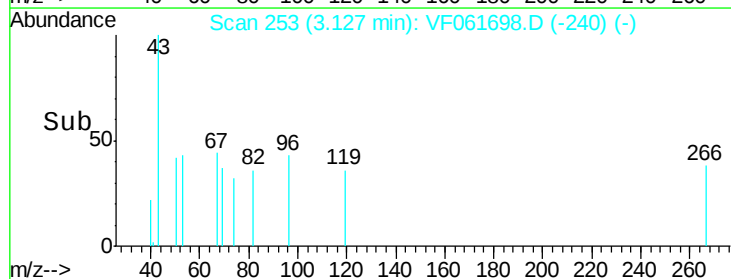
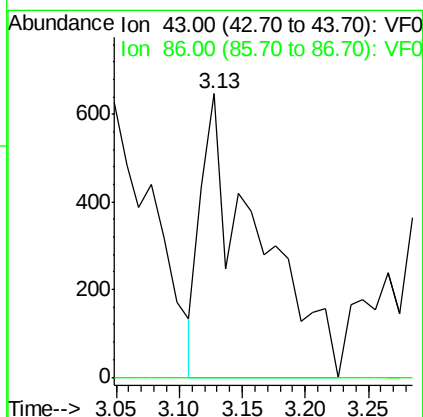
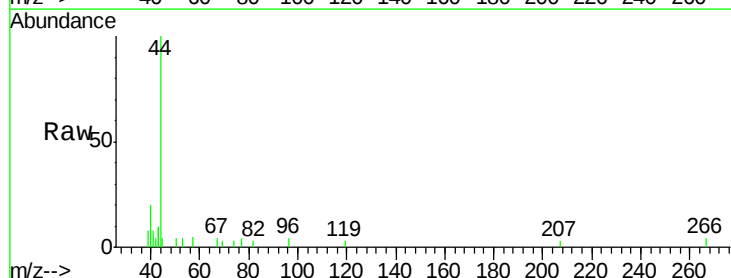
Acq: 21 Feb 2019 15:13

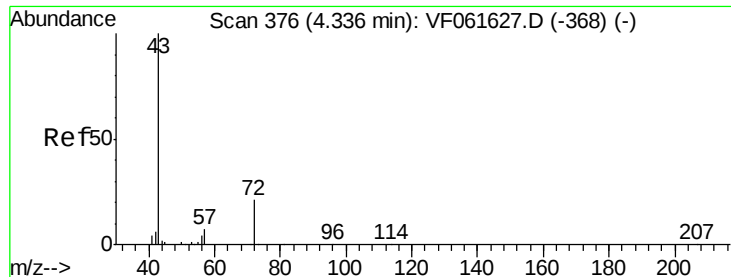
Tgt Ion: 43 Resp: 2017

Ion Ratio Lower Upper

43 100

86 0.0 7.5 11.3#





#25

2-Butanone

Concen: 5.666 ug/l

RT: 4.30 min Scan# 372

Delta R.T. -0.04 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

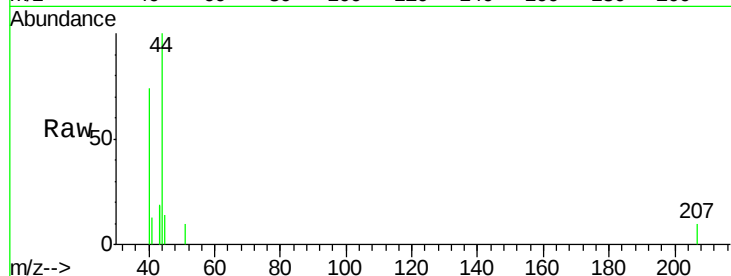
NB-08-022019-B

Tot Ion: 43 Resp: 326

Ion Ratio Lower Upper

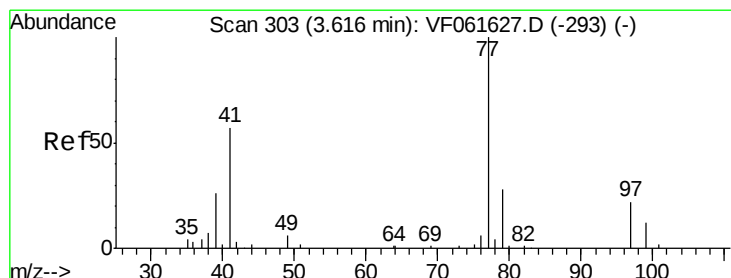
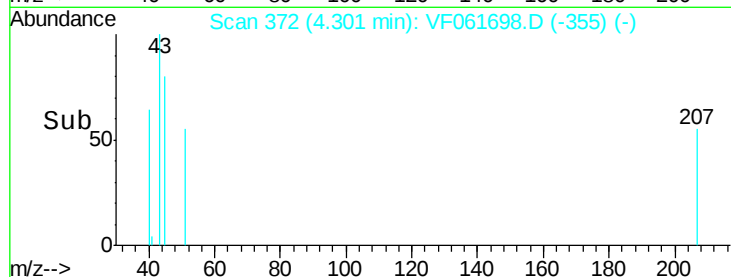
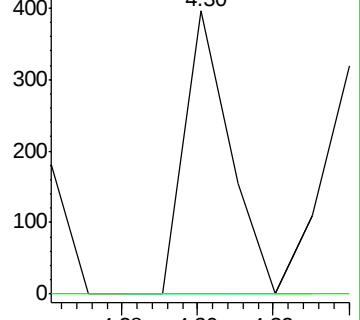
43 100

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



#26

2,2-Dichloropropane

Concen: 1.246 ug/l

RT: 3.49 min Scan# 290

Delta R.T. -0.12 min

Lab File: VF061698.D

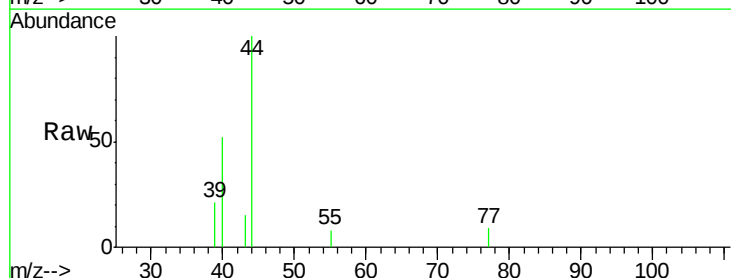
Acq: 21 Feb 2019 15:13

Tgt Ion: 77 Resp: 135

Ion Ratio Lower Upper

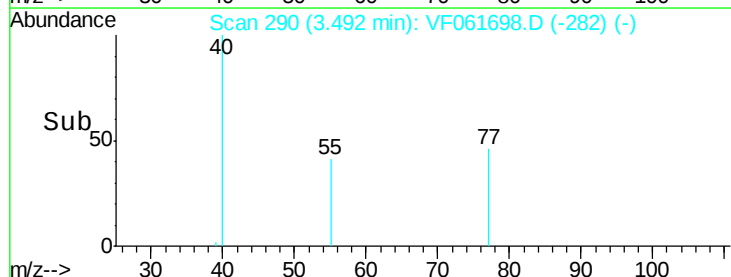
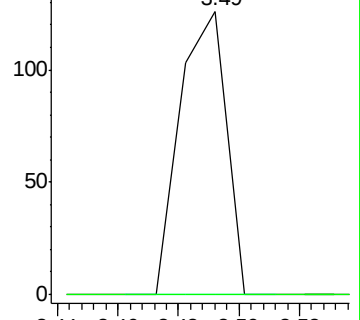
77 100

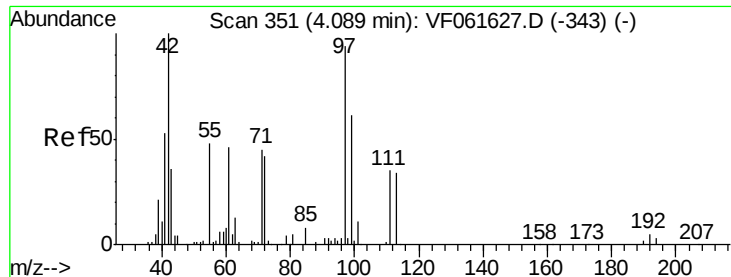
97 0.0 11.7 35.0#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

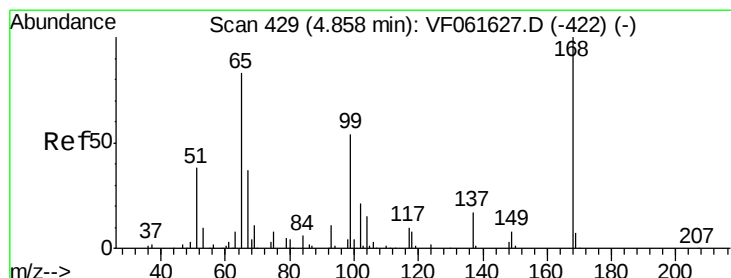
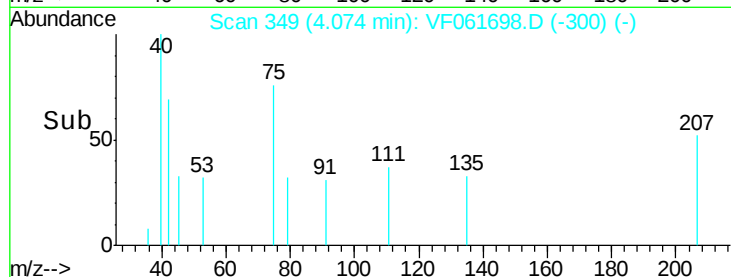
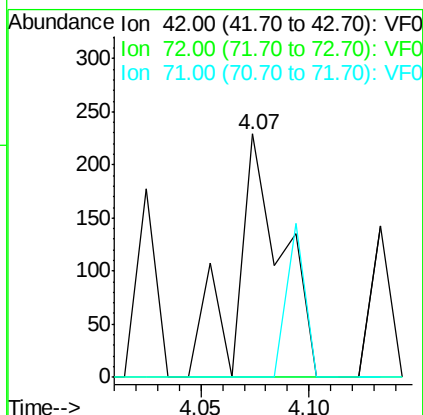
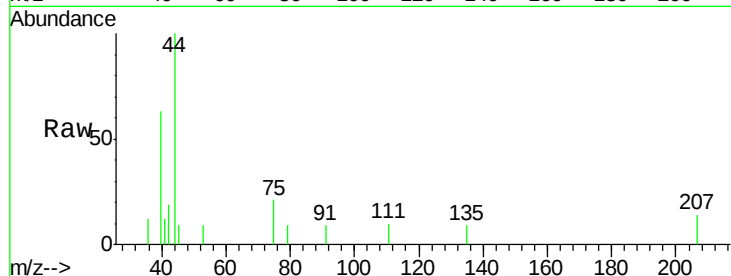




#29
Tetrahydrofuran
Concen: 13.040 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

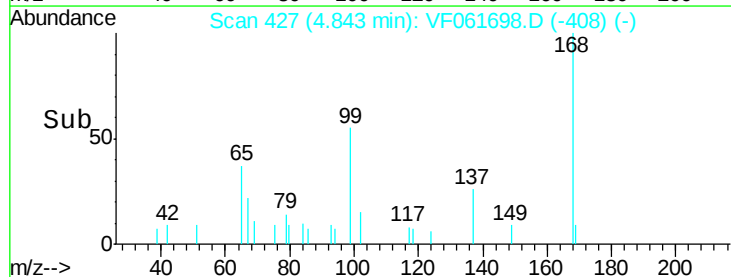
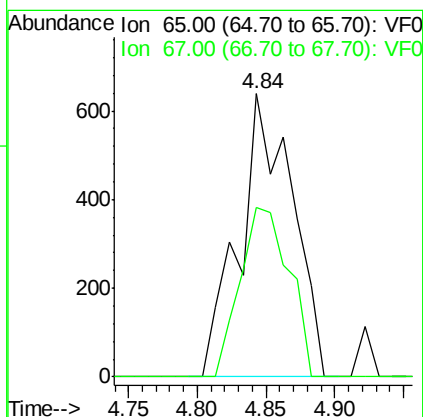
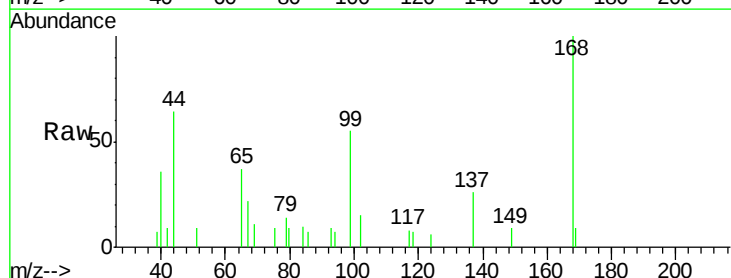
Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-B

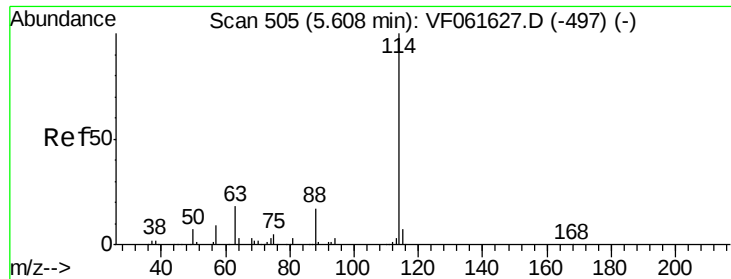
Tot Ion: 42 Resp: 341
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 25.2 32.9 49.3#



#33
1,2-Dichloroethane-d4
Concen: 13.921 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Tgt Ion: 65 Resp: 1709
Ion Ratio Lower Upper
65 100
67 59.7 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: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-B

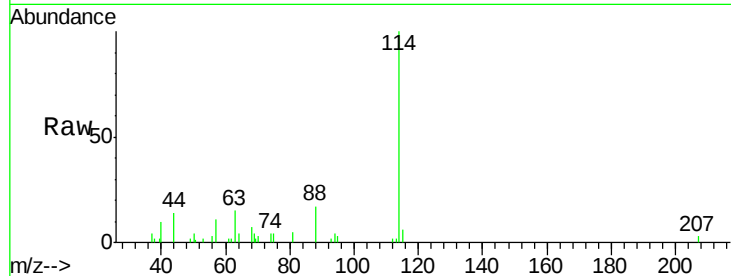
Tot Ion:114 Resp: 19610

Ion Ratio Lower Upper

114 100

63 14.9 0.0 36.6

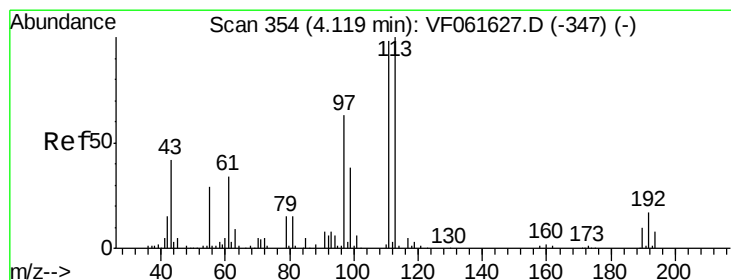
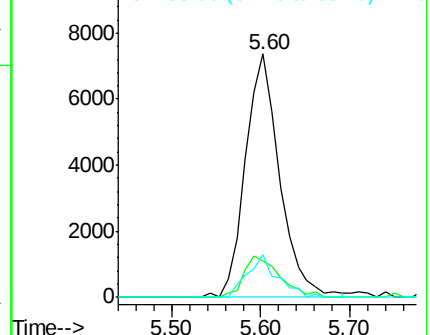
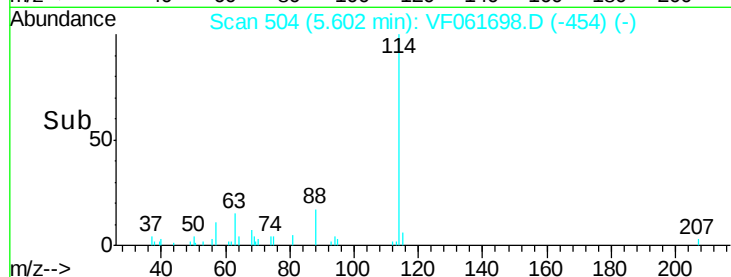
88 17.4 0.0 34.4



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: 23.718 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

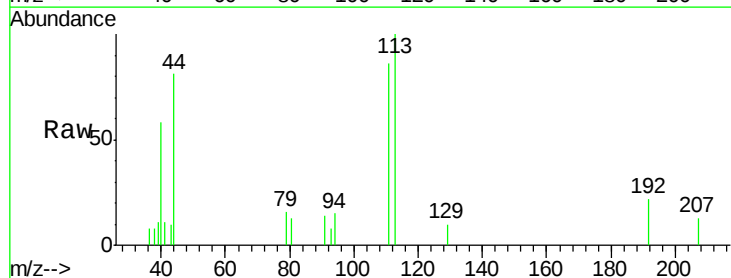
Tgt Ion:113 Resp: 3454

Ion Ratio Lower Upper

113 100

111 85.6 78.8 118.2

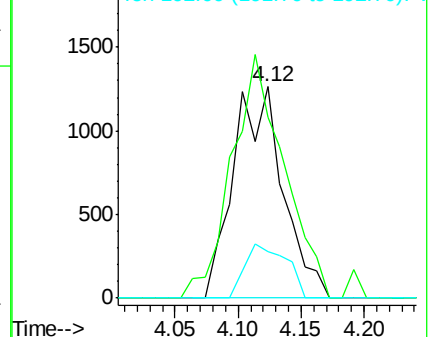
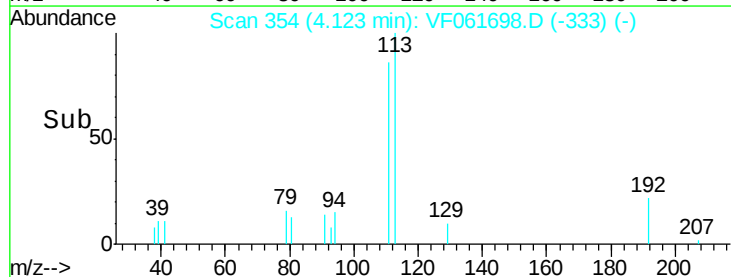
192 22.0 13.4 20.0#

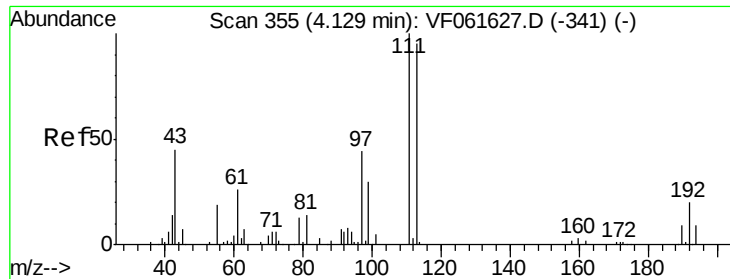


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

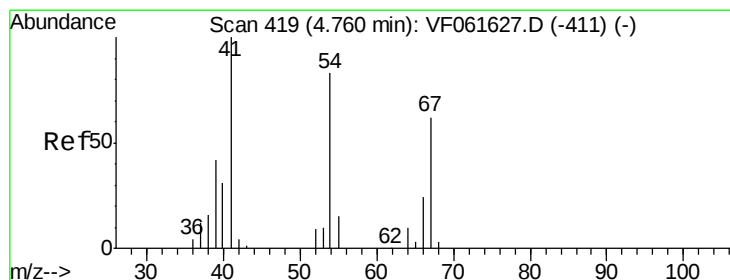
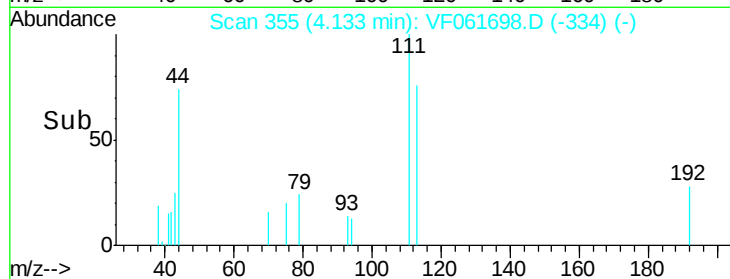
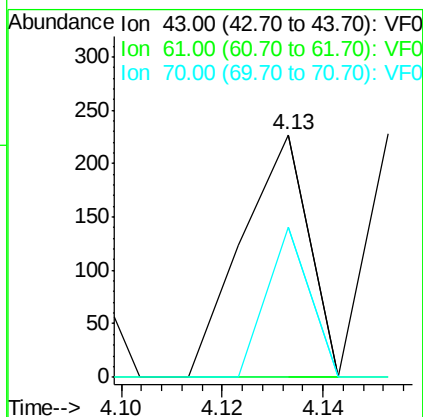
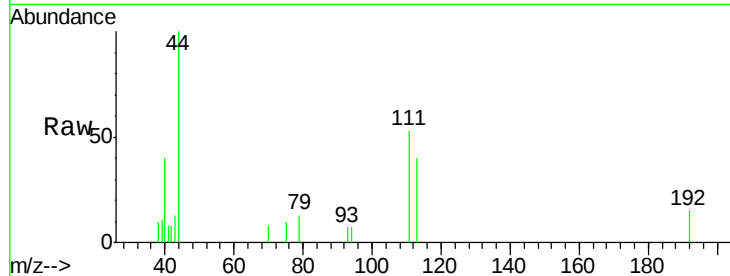




#37
Ethyl Acetate
Concen: 2.305 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.00 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

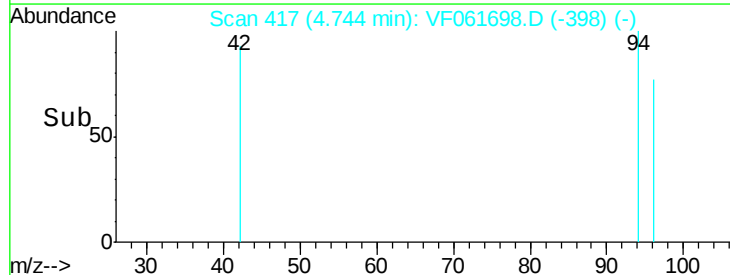
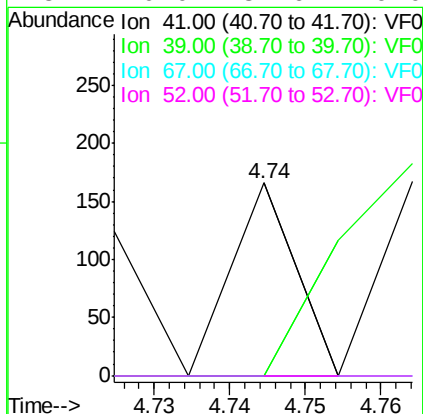
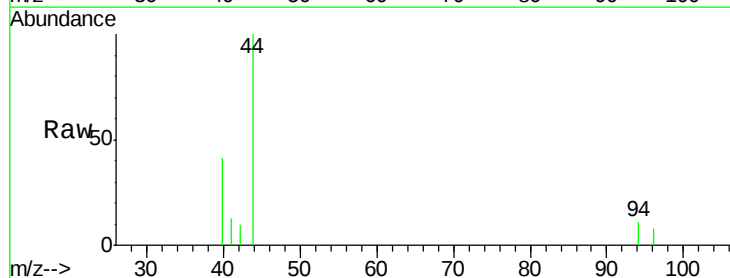
Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-B

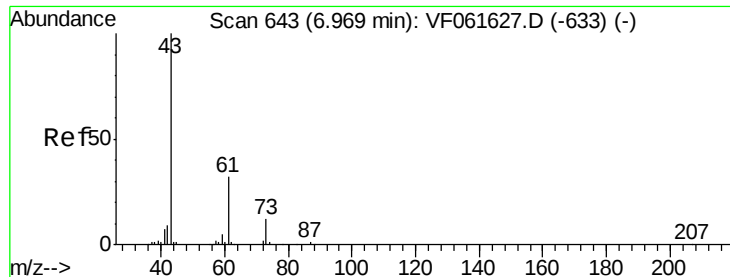
Tot Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
61 0.0 45.7 68.5#
70 61.7 8.5 12.7#



#41
Methacrylonitrile
Concen: 2.124 ug/l
RT: 4.74 min Scan# 417
Delta R.T. -0.02 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Tgt Ion: 41 Resp: 98
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9#
67 0.0 49.3 73.9#
52 0.0 32.6 49.0#





#43

Isopropyl Acetate

Concen: 3.202 ug/l

RT: 6.97 min Scan# 643

Delta R.T. 0.00 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-B

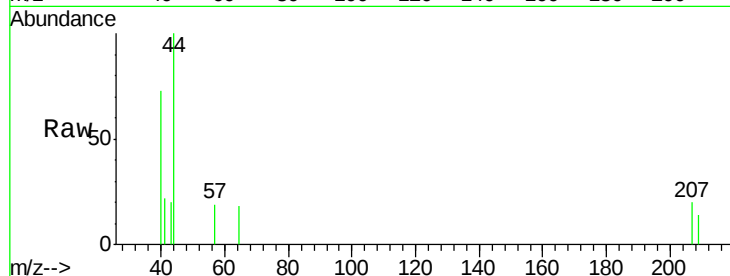
Tot Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.6#

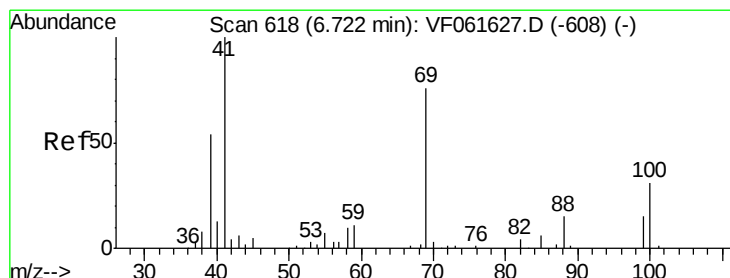
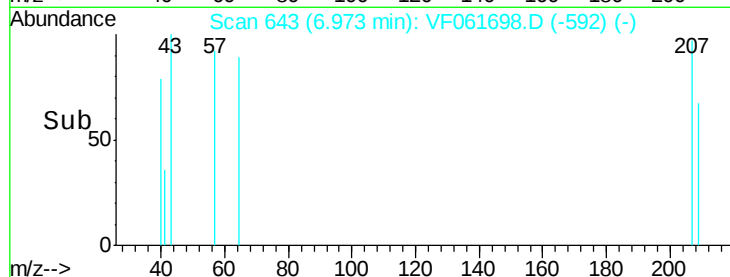
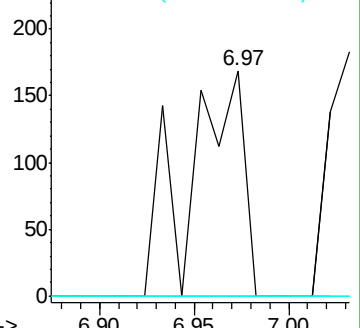
87 0.0 0.4 0.6#



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: 2.412 ug/l

RT: 6.72 min Scan# 617

Delta R.T. -0.01 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

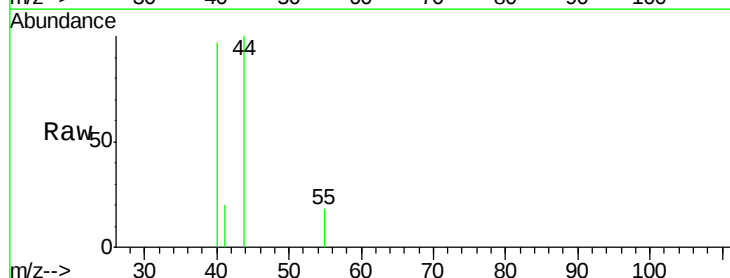
Tgt Ion: 41 Resp: 155

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

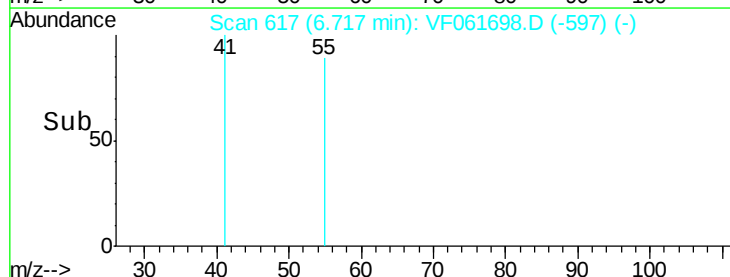
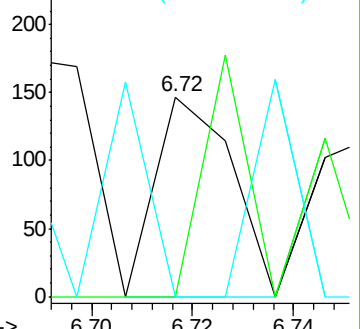
39 0.0 43.7 65.5#

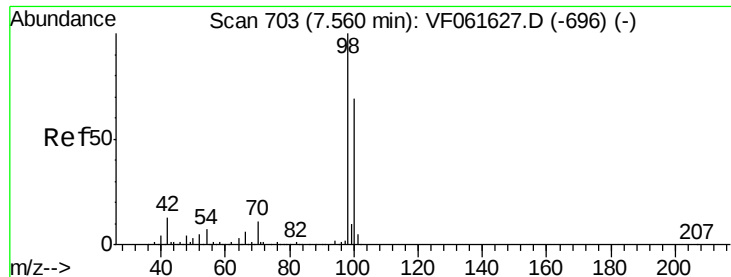


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#50

Toluene-d8

Concen: 33.614 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

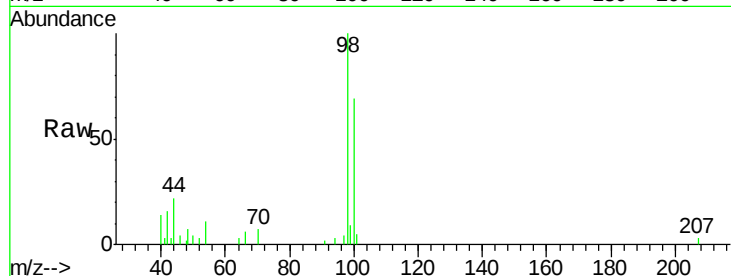
NB-08-022019-B

Tot Ion: 98 Resp: 14072

Ion Ratio Lower Upper

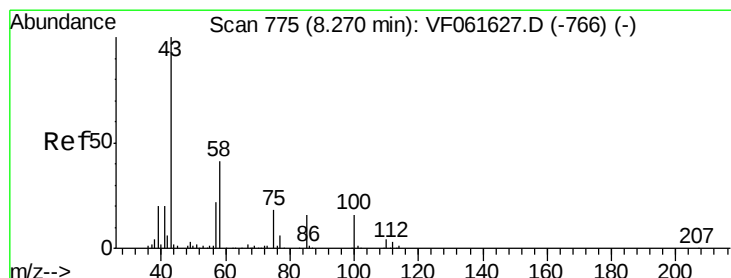
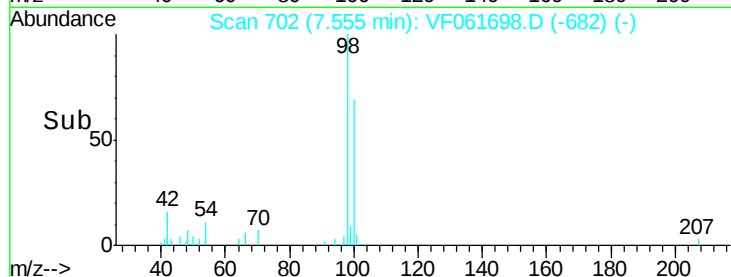
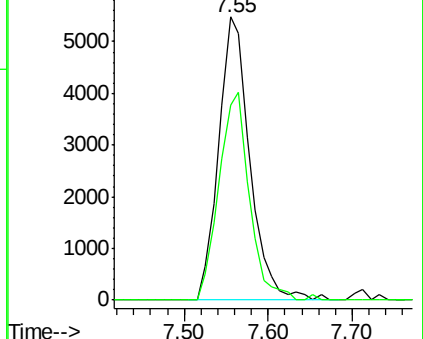
98 100

100 68.8 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 4.744 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF061698.D

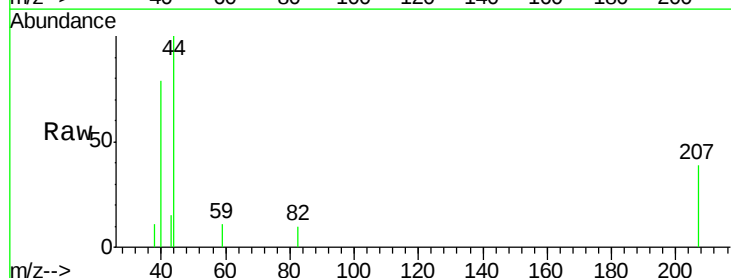
Acq: 21 Feb 2019 15:13

Tgt Ion: 43 Resp: 362

Ion Ratio Lower Upper

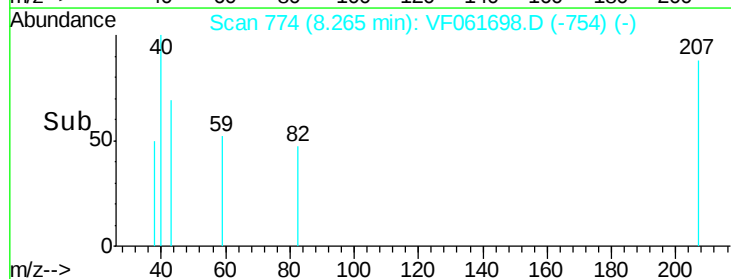
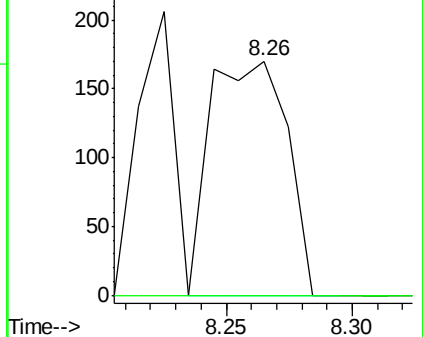
43 100

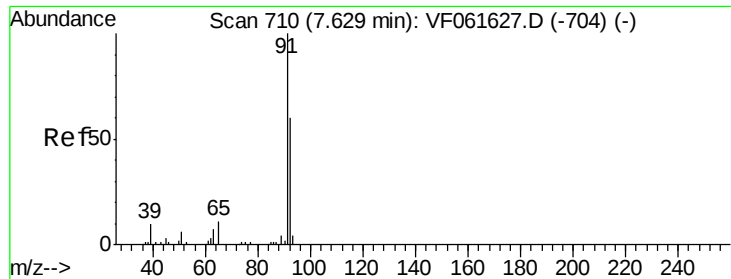
58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 1.853 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

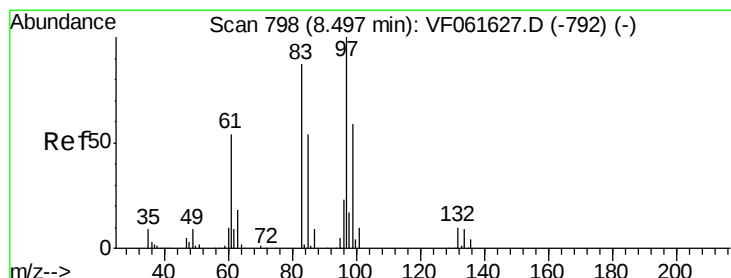
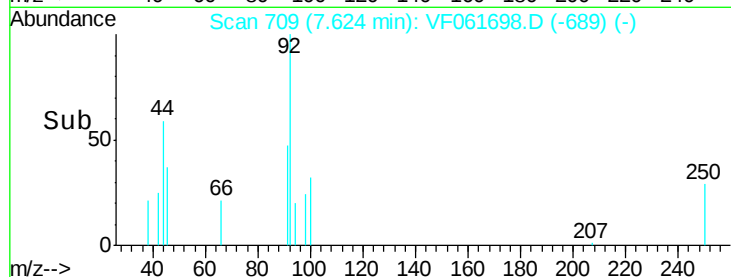
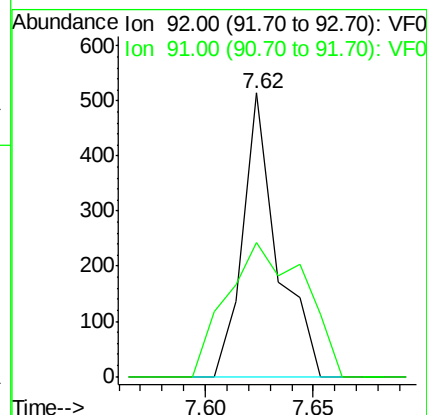
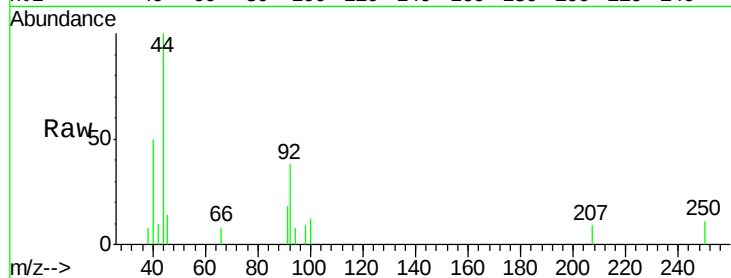
NB-08-022019-B

Tot Ion: 92 Resp: 571

Ion Ratio Lower Upper

92 100

91 47.1 133.9 200.9#



#55

1,1,2-Trichloroethane

Concen: 1.325 ug/l

RT: 8.48 min Scan# 796

Delta R.T. -0.02 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Tgt Ion: 97 Resp: 120

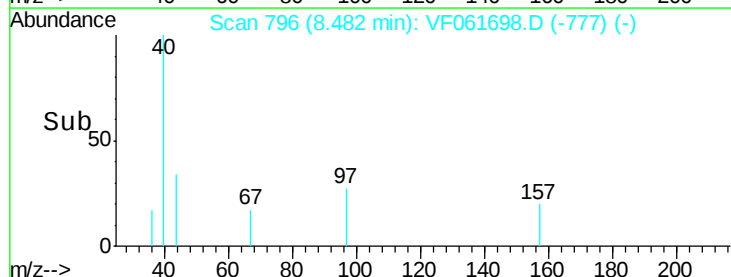
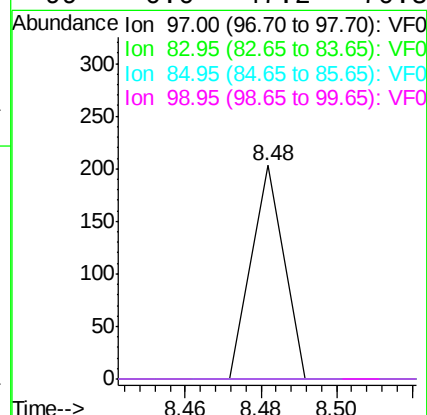
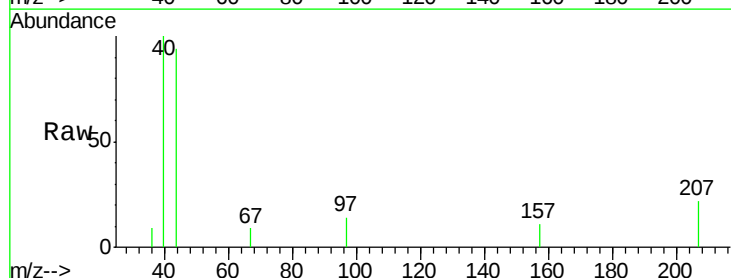
Ion Ratio Lower Upper

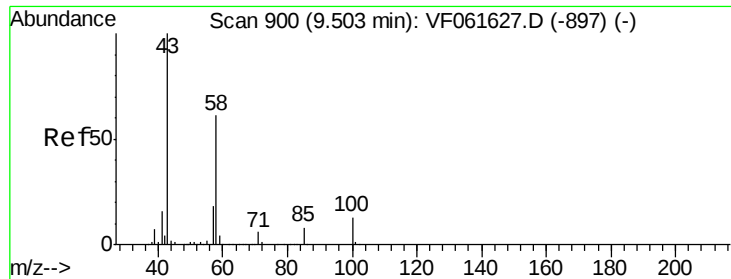
97 100

83 0.0 69.2 103.8#

85 0.0 43.0 64.4#

99 0.0 47.2 70.8#

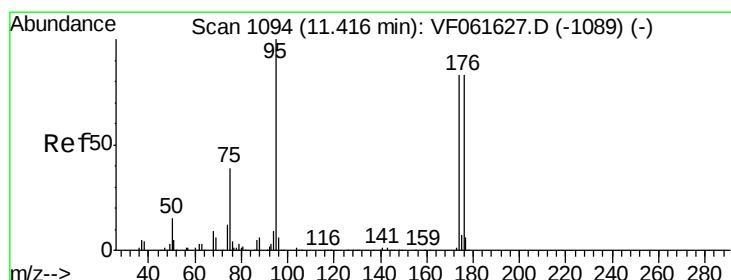
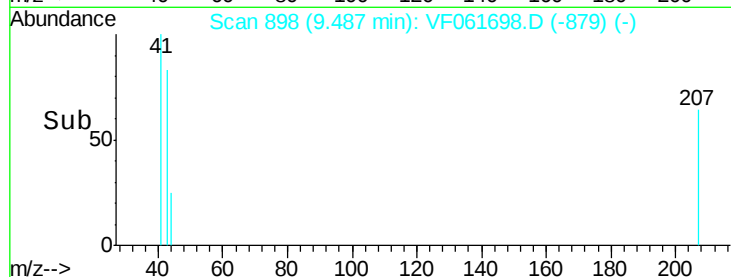
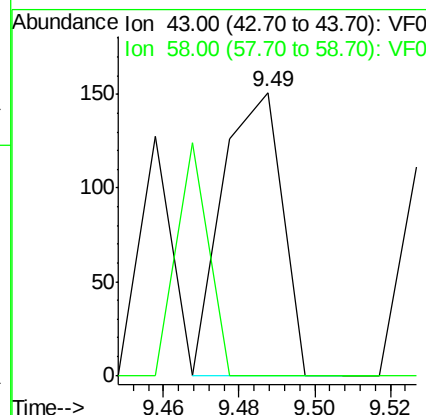
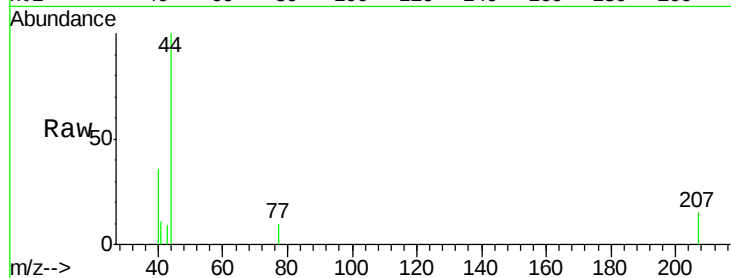




#59
2-Hexanone
Concen: 3.066 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.02 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

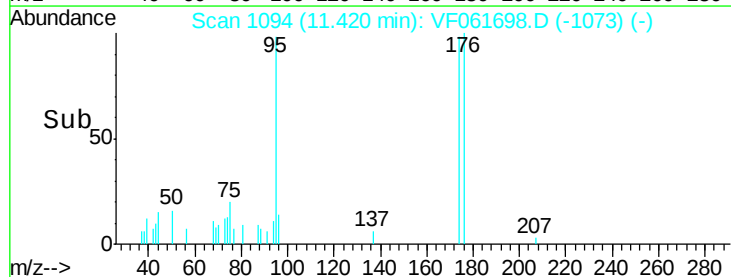
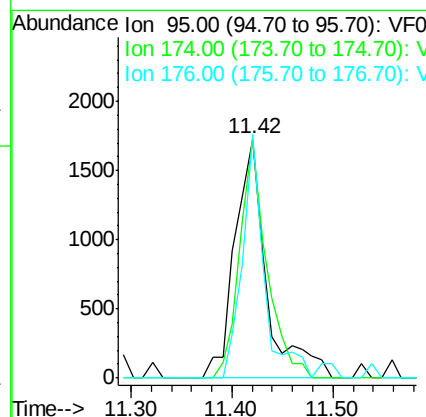
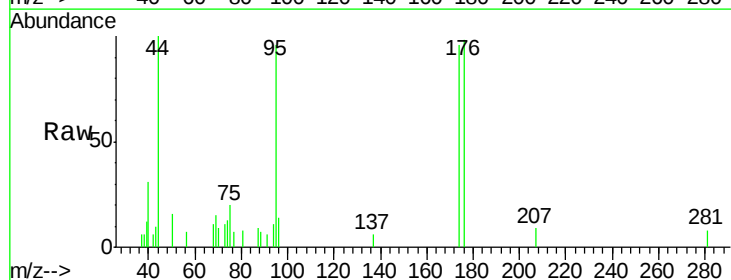
Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-B

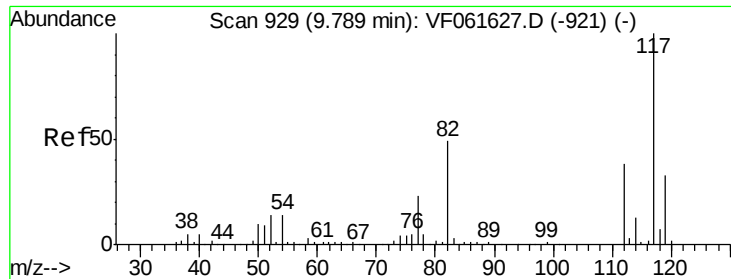
Tot Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
58 0.0 28.5 85.5#



#62
4-Bromofluorobenzene
Concen: 22.227 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Tgt Ion: 95 Resp: 3765
Ion Ratio Lower Upper
95 100
174 100.1 0.0 165.8
176 102.0 0.0 167.0

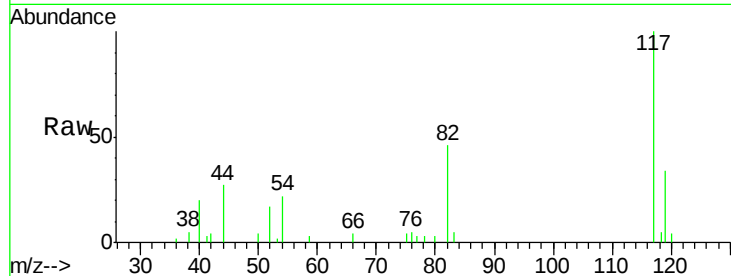




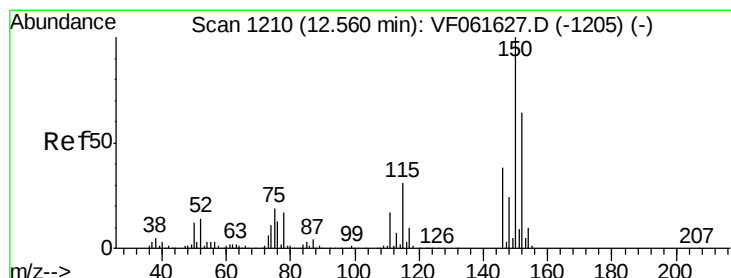
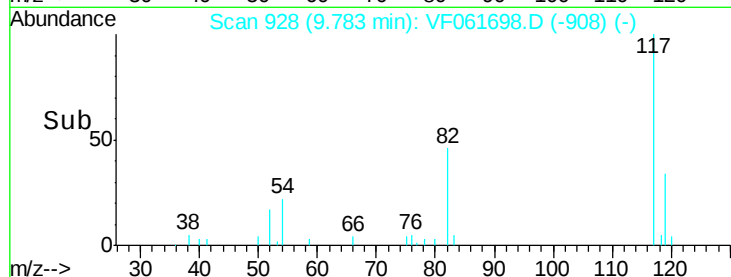
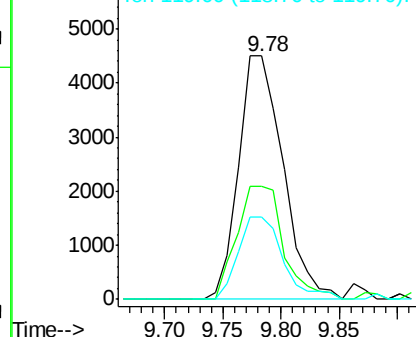
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-B

Tot Ion:117 Resp: 11925
Ion Ratio Lower Upper
117 100
82 46.4 39.3 58.9
119 33.9 26.6 40.0

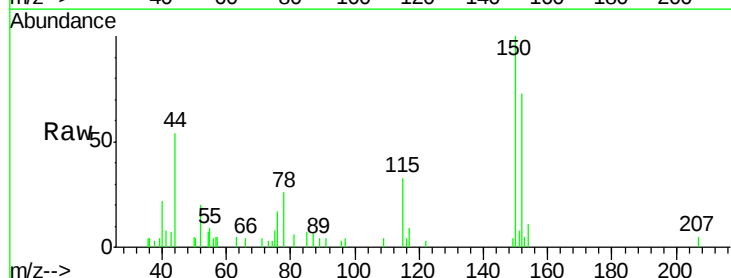


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

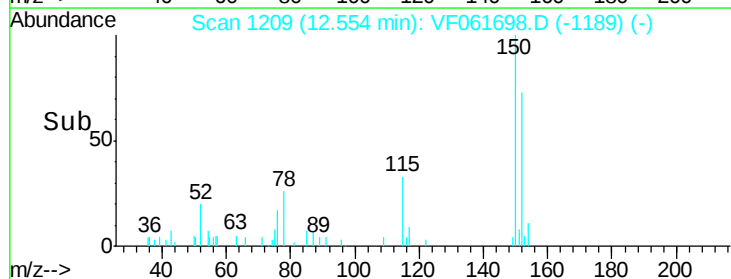
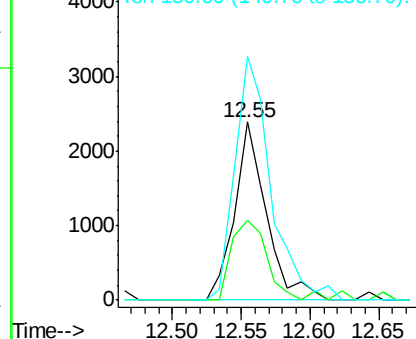


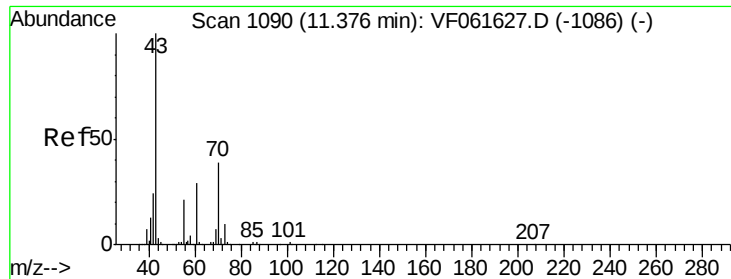
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061698.D
Acq: 21 Feb 2019 15:13

Tgt Ion:152 Resp: 3828
Ion Ratio Lower Upper
152 100
115 44.8 24.3 72.8
150 136.7 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#74

N-amvl acetate

Concen: 1.192 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.02 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-B

Tot Ion: 43 Resp: 78

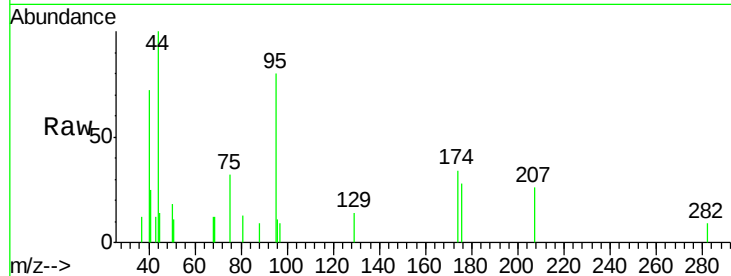
Ion Ratio Lower Upper

43 100

70 0.0 31.5 47.3#

55 0.0 16.7 25.1#

61 0.0 23.0 34.6#

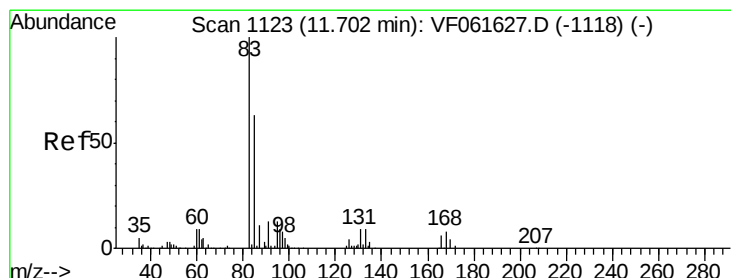
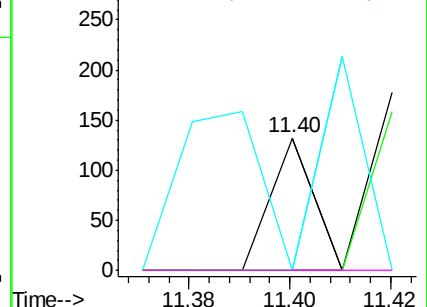
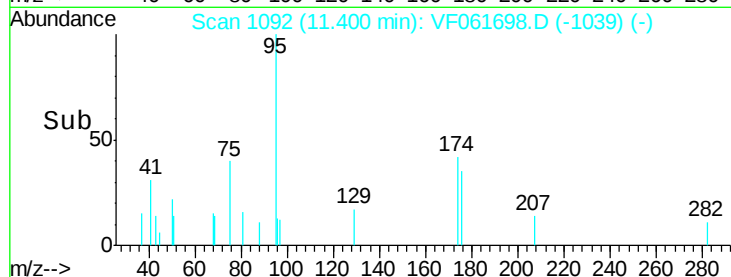


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 1.577 ug/l

RT: 11.71 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

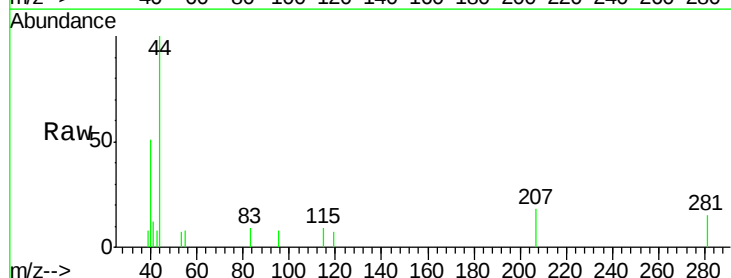
Tgt Ion: 83 Resp: 77

Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

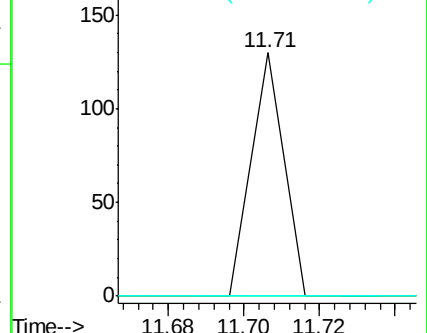
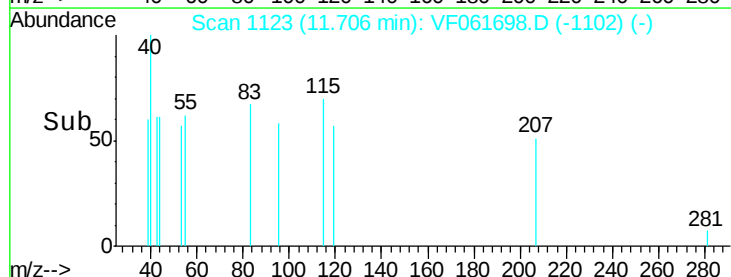
85 0.0 31.5 94.5#

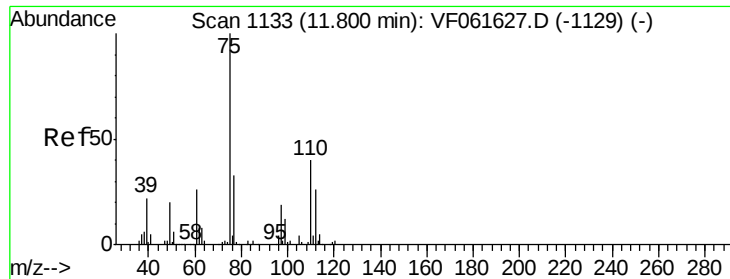


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 1.807 ug/l

RT: 11.64 min Scan# 1116

Delta R.T. -0.16 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

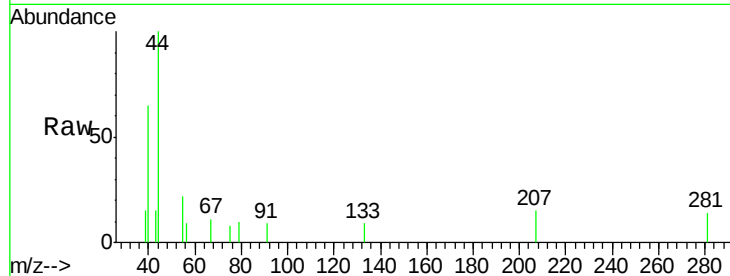
NB-08-022019-B

Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 0.0 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

11.64

100

80

60

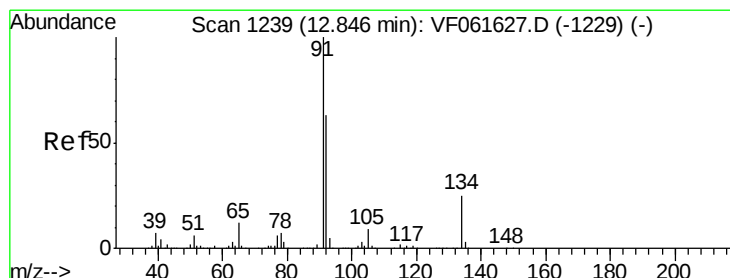
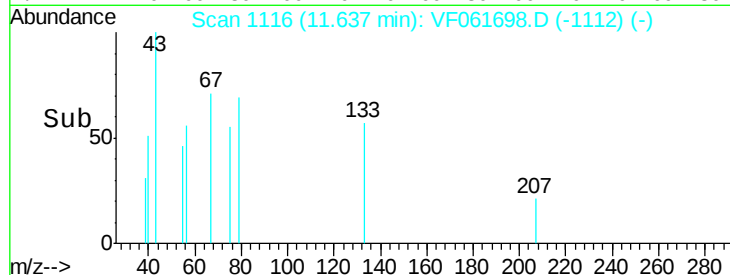
40

20

0

11.62 11.64 11.66

Time-->



#89

n-Butylbenzene

Concen: 1.513 ug/l

RT: 12.87 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

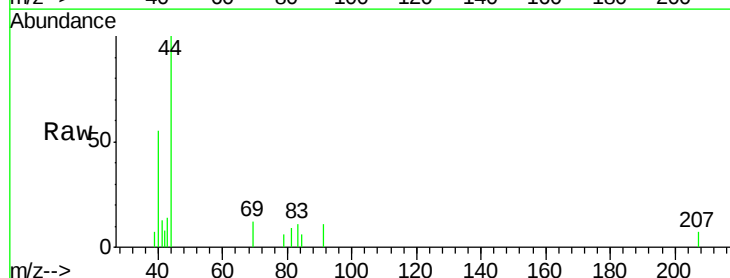
Tgt Ion: 91 Resp: 374

Ion Ratio Lower Upper

91 100

92 0.0 31.4 94.3#

134 0.0 12.3 36.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

300

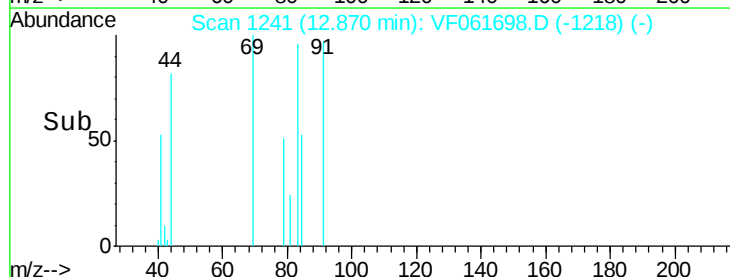
200

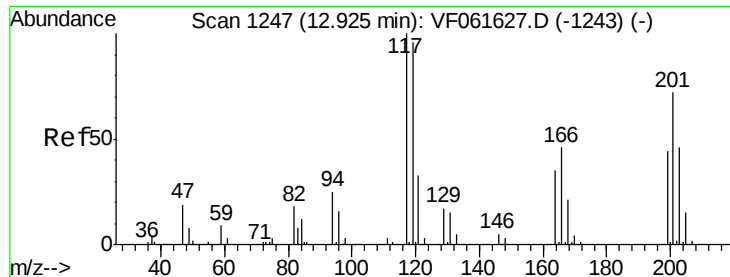
100

0

12.85 12.87 12.90

Time-->





#90

Hexachloroethane

Concen: 1.117 ug/l

RT: 12.98 min Scan# 1252

Delta R.T. 0.05 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

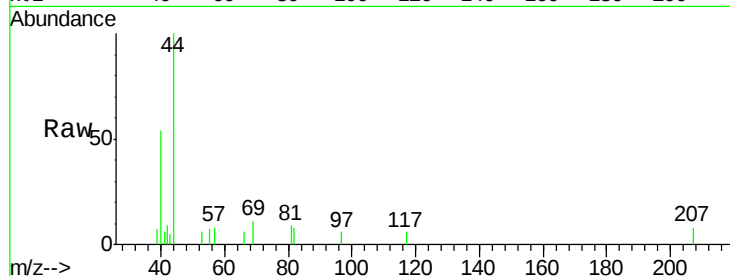
NB-08-022019-B

Tot Ion:117 Resp: 68

Ion Ratio Lower Upper

117 100

201 0.0 36.2 108.6#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

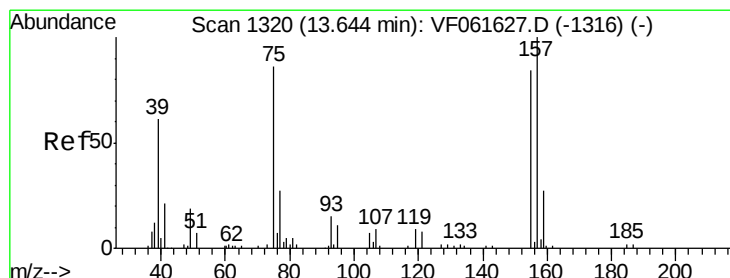
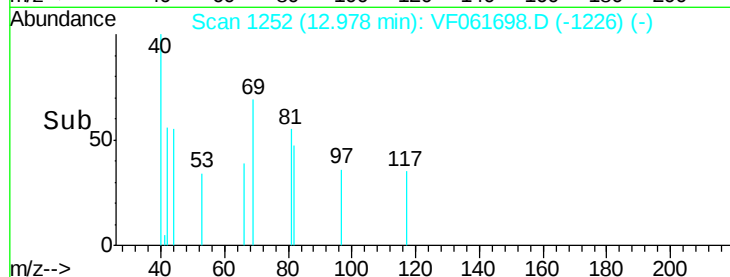
12.98

100

50

0

Time--> 12.94 12.96 12.98 13.00



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.367 ug/l

RT: 13.53 min Scan# 1308

Delta R.T. -0.11 min

Lab File: VF061698.D

Acq: 21 Feb 2019 15:13

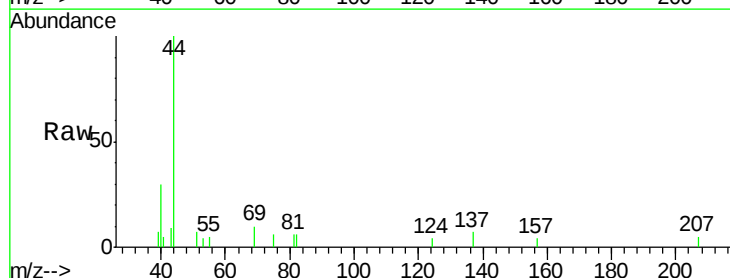
Tgt Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.8#

157 68.5 58.3 174.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

13.53

200

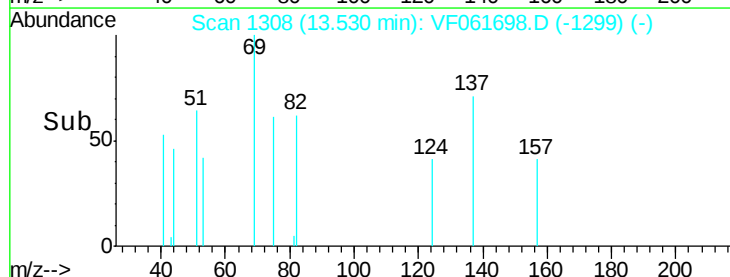
150

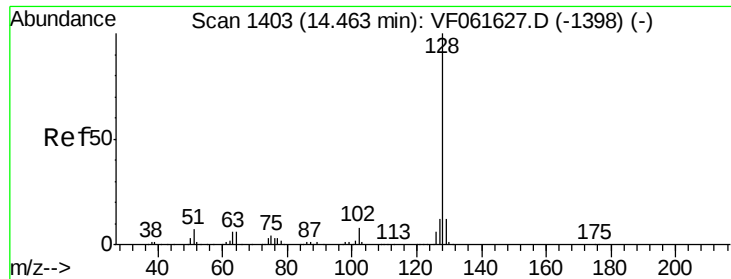
100

50

0

Time--> 13.50 13.52 13.54 13.56





#95

Naphthalene

Concen: 1.597 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF061698.D

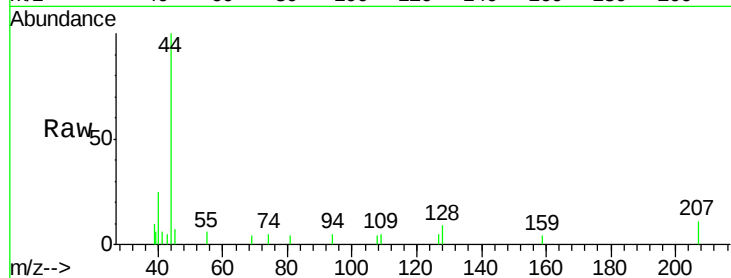
Acq: 21 Feb 2019 15:13

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-B



Tot Ion:128 Resp: 250

Ion Ratio Lower Upper

128 100

127 52.2 9.8 14.6#

129 0.0 9.4 14.2#

