

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062437.D
 Acq On : 11 May 2019 00:26
 Operator : FY/SY
 Sample : K2729-03
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-4

Quant Time: May 11 05:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	198712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	267604	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	127909	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	32301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	140319	74.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	149.44%	
35) Dibromofluoromethane	4.31	113	39811	18.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.34%	
50) Toluene-d8	7.72	98	206805	40.07	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.14%	
62) 4-Bromofluorobenzene	11.50	95	51986	22.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.66%	

Target Compounds

					Qvalue	
5) Bromomethane	1.41	94	209	Below Cal	#	3
8) Diethyl Ether	1.59	74	649	1.366	ug/l	69
11) Tert butyl alcohol	2.72	59	1152	10.854	ug/l #	83
13) Acrolein	2.07	56	978	Below Cal	#	13
15) Acrylonitrile	3.09	53	370	1.840	ug/l #	10
16) Acetone	2.36	43	22241	58.546	ug/l #	88
18) Methyl Acetate	2.51	43	4783	4.024	ug/l #	68
20) Methylene Chloride	2.34	84	6936	5.046	ug/l #	77
25) 2-Butanone	4.56	43	2570	5.385	ug/l #	60
29) Tetrahydrofuran	4.29	42	553	2.521	ug/l #	52
37) Ethyl Acetate	4.31	43	221	Below Cal	#	23
38) Carbon Tetrachloride	4.10	117	85	Below Cal	#	82
40) Benzene	4.84	78	5747	1.135	ug/l #	88
41) Methacrylonitrile	4.96	41	628	1.139	ug/l #	61
48) Methyl methacrylate	6.91	41	1644	2.225	ug/l #	26
49) 1,4-Dioxane	6.86	88	67	Below Cal	#	16
51) 4-Methyl-2-Pentanone	8.40	43	2040	2.575	ug/l #	80
52) Toluene	7.78	92	6302	2.018	ug/l	83
59) 2-Hexanone	9.62	43	2266	4.135	ug/l #	60
68) m/p-Xylenes	10.27	106	2525	1.847	ug/l	83
74) N-amyl acetate	11.46	43	1932	4.699	ug/l #	51
76) 1,2,3-Trichloropropane	11.87	75	484	2.116	ug/l #	100
80) 1,3,5-Trimethylbenzene	11.90	105	1816	1.082	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.94	75	146	1.698	ug/l #	88
84) 1,2,4-Trimethylbenzene	12.28	105	2492	1.517	ug/l	97
85) sec-Butylbenzene	12.37	105	2722	1.268	ug/l	88
86) p-Isopropyltoluene	12.52	119	2494	1.250	ug/l	91
88) 1,4-Dichlorobenzene	12.63	146	1007	1.137	ug/l #	75
89) n-Butylbenzene	12.90	91	2248	1.267	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	13.71	75	173	2.576	ug/l #	1
95) Naphthalene	14.49	128	7097	5.924	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.64	180	931	1.206	ug/l #	64

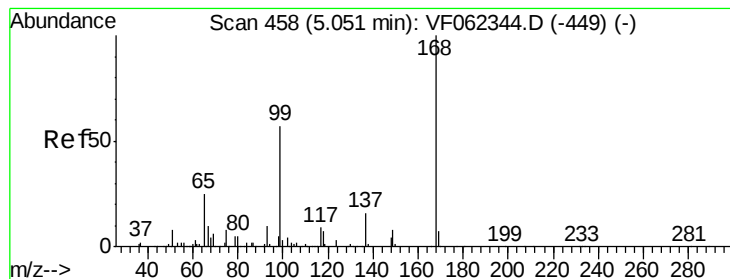
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062437.D
Acq On : 11 May 2019 00:26
Operator : FY/SY
Sample : K2729-03
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-4

Quant Time: May 11 05:39:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

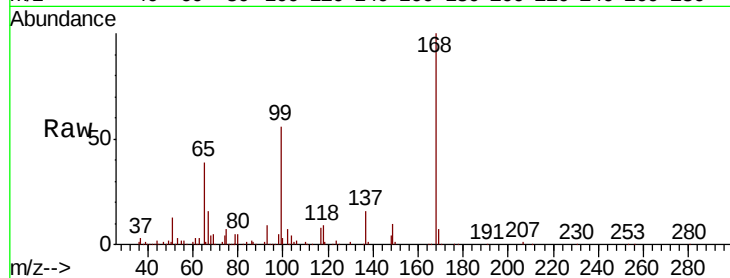
B-4

Tot Ion:168 Resp: 198712

Ion Ratio Lower Upper

168 100

99 55.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

80000

60000

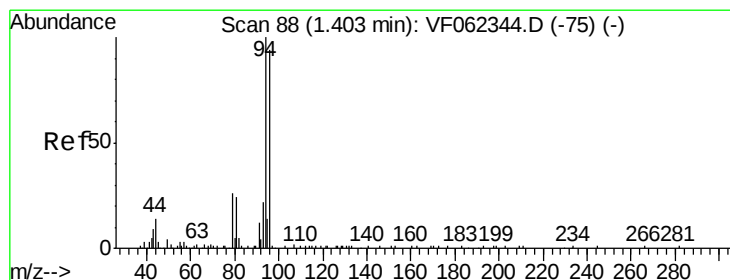
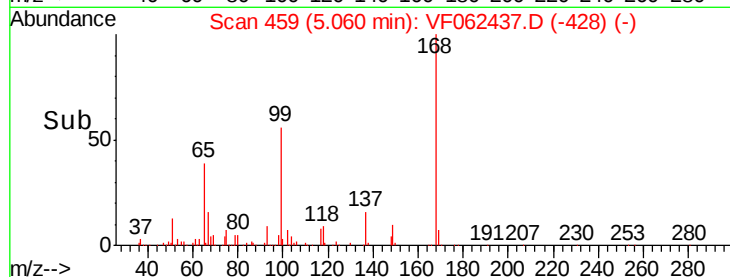
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#5

Bromomethane

Concen: Below Cal

RT: 1.41 min Scan# 89

Delta R.T. 0.01 min

Lab File: VF062437.D

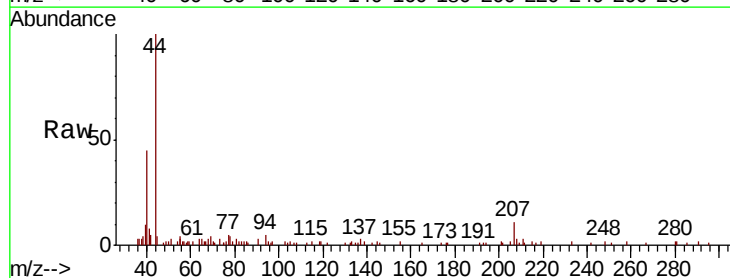
Acq: 11 May 2019 00:26

Tgt Ion: 94 Resp: 209

Ion Ratio Lower Upper

94 100

96 0.0 75.4 113.2#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

1.41

500

400

300

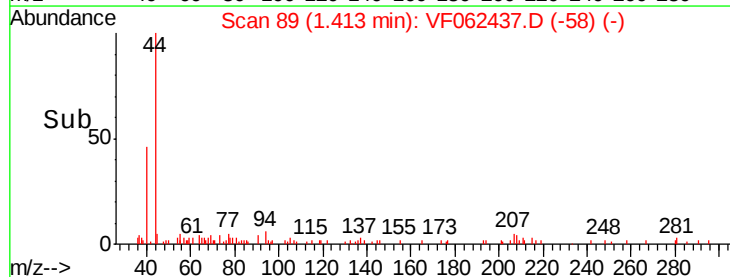
200

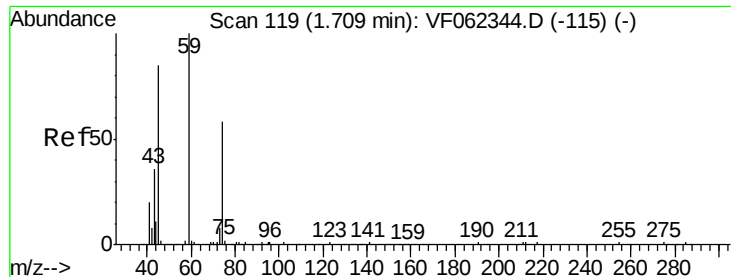
100

0

Time-->

1.40 1.41 1.42 1.43





#8

Diethyl Ether

Concen: 1.366 ug/l

RT: 1.59 min Scan# 107

Delta R.T. -0.12 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

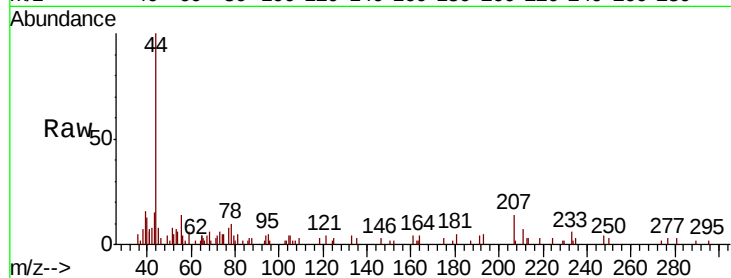
B-4

Tot Ion: 74 Resp: 649

Ion Ratio Lower Upper

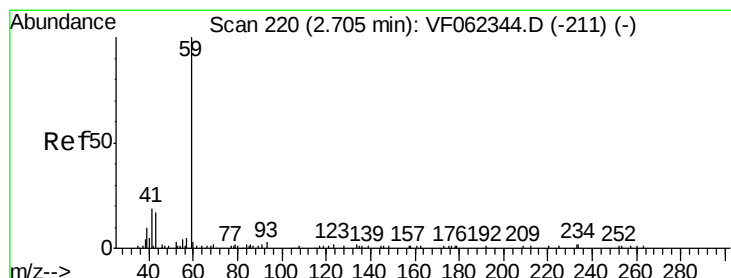
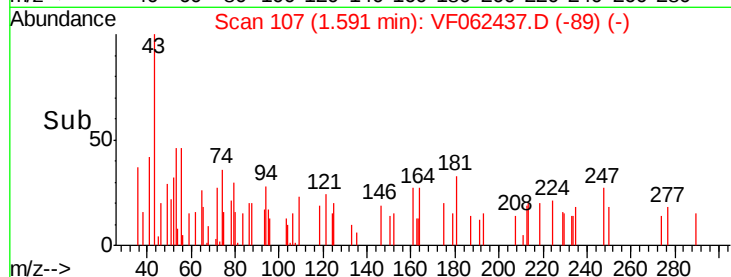
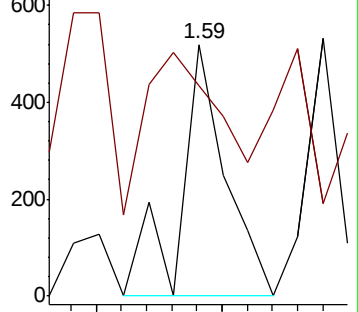
74 100

45 108.2 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#11

Tert butyl alcohol

Concen: 10.854 ug/l

RT: 2.72 min Scan# 222

Delta R.T. 0.02 min

Lab File: VF062437.D

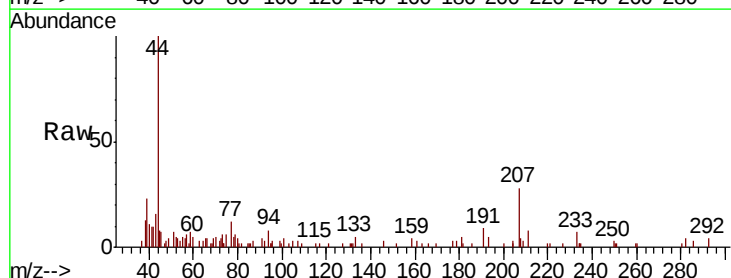
Acq: 11 May 2019 00:26

Tgt Ion: 59 Resp: 1152

Ion Ratio Lower Upper

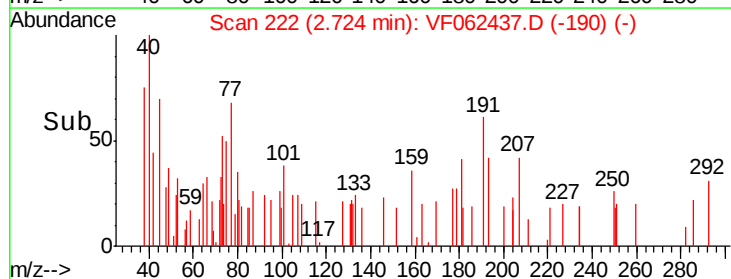
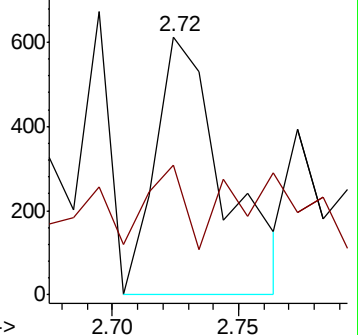
59 100

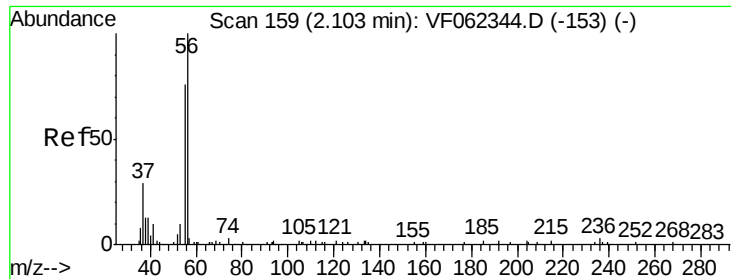
57 18.1 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

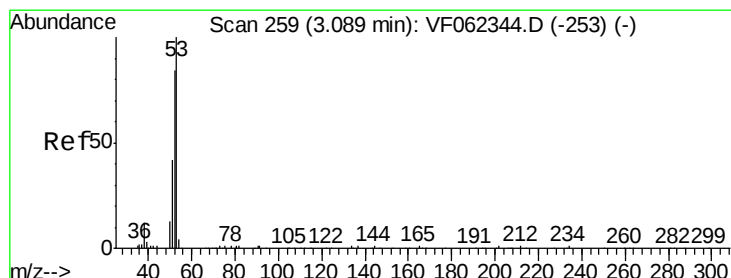
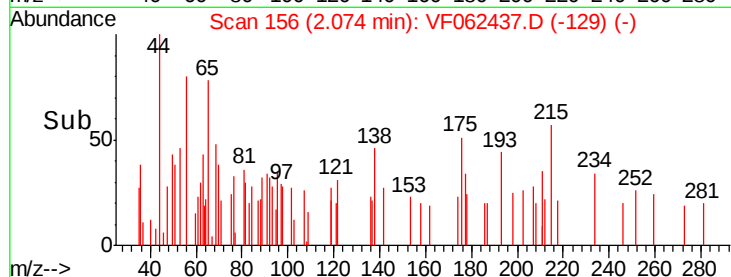
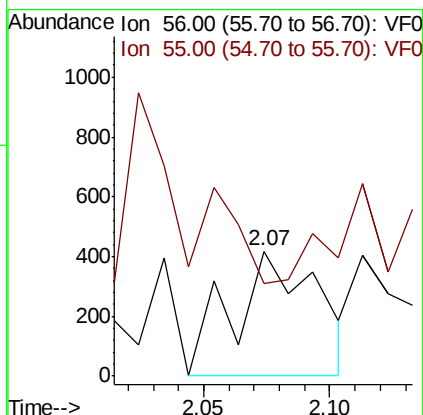
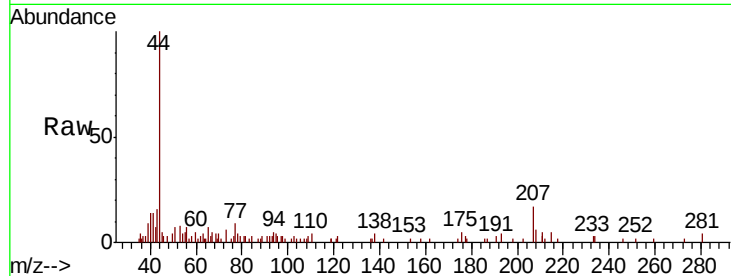




#13
Acrolein
Concen: Below Cal
RT: 2.07 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

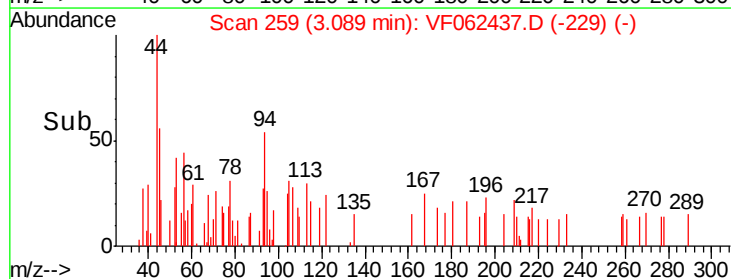
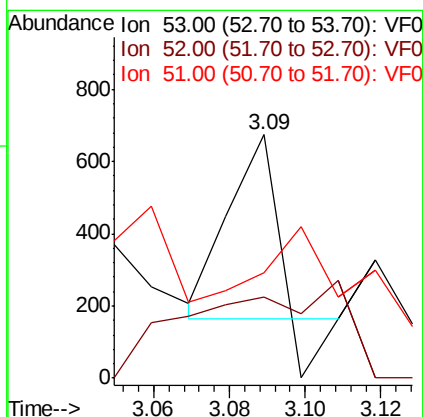
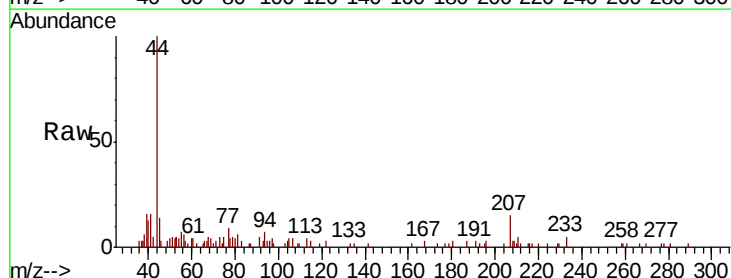
Instrument :
MSVOA_F
ClientSampled :
B-4

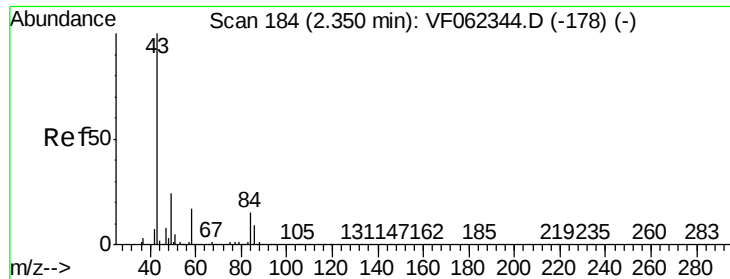
Tot Ion: 56 Resp: 978
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#



#15
Acrylonitrile
Concen: 1.840 ug/l
RT: 3.09 min Scan# 259
Delta R.T. -0.00 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion: 53 Resp: 370
Ion Ratio Lower Upper
53 100
52 0.0 77.2 115.8#
51 0.0 40.6 61.0#





#16

Acetone

Concen: 58.546 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

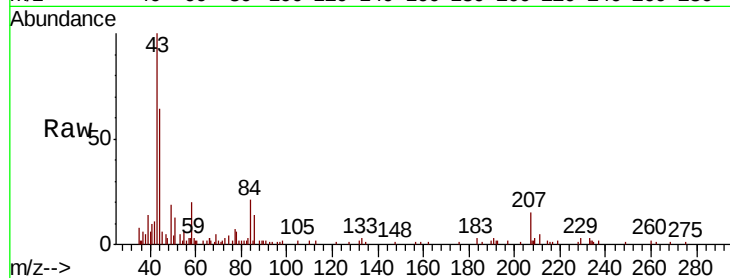
B-4

Tot Ion: 43 Resp: 22241

Ion Ratio Lower Upper

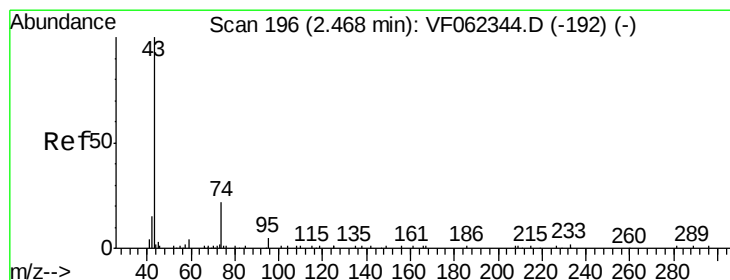
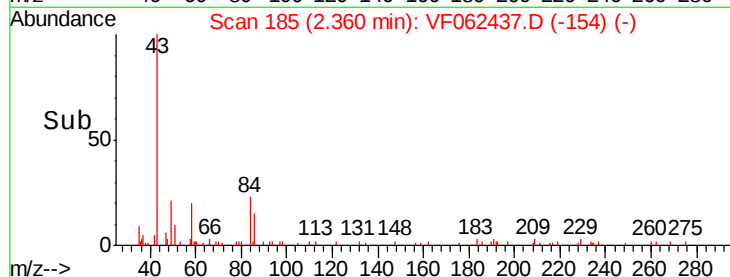
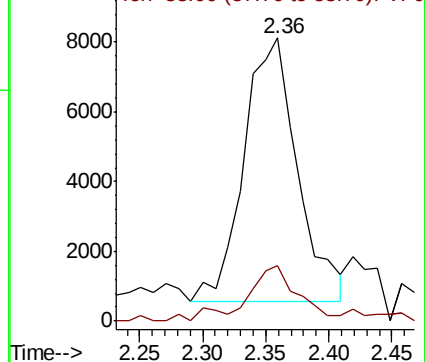
43 100

58 21.3 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 4.024 ug/l

RT: 2.51 min Scan# 200

Delta R.T. 0.04 min

Lab File: VF062437.D

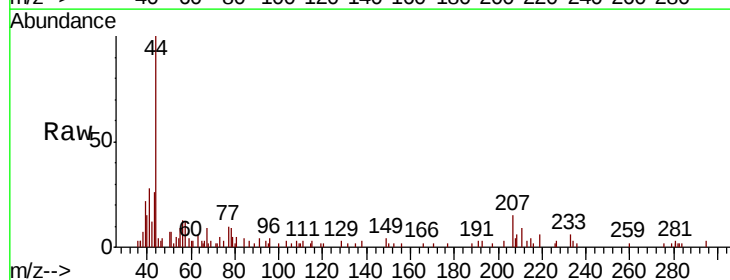
Acq: 11 May 2019 00:26

Tgt Ion: 43 Resp: 4783

Ion Ratio Lower Upper

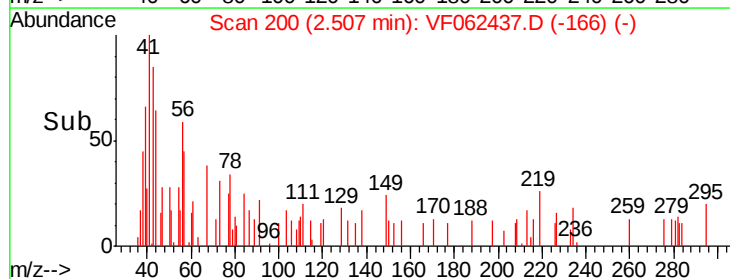
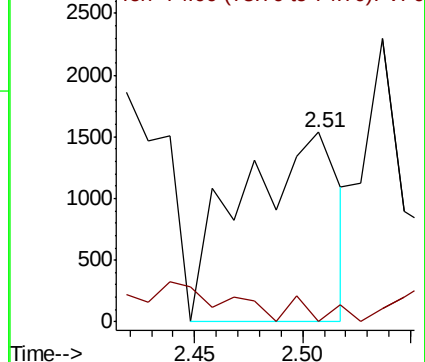
43 100

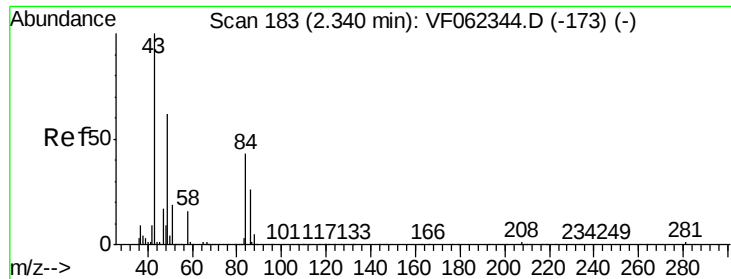
74 4.3 15.0 22.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

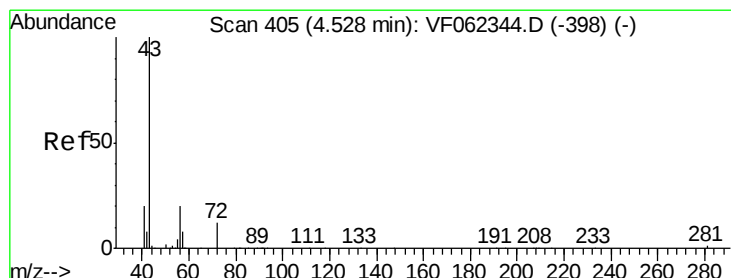
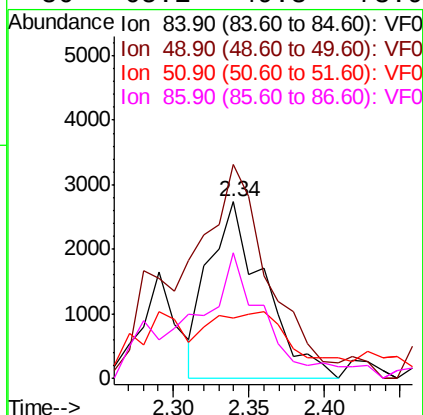
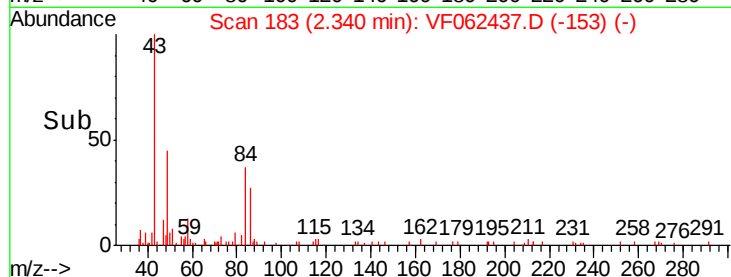
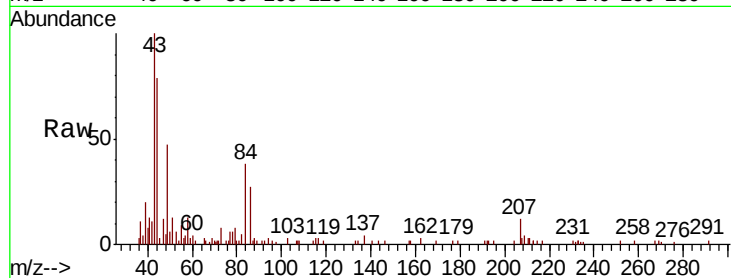




#20
Methvlene Chloride
Concen: 5.046 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

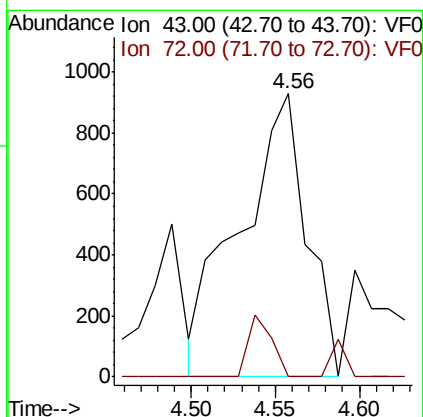
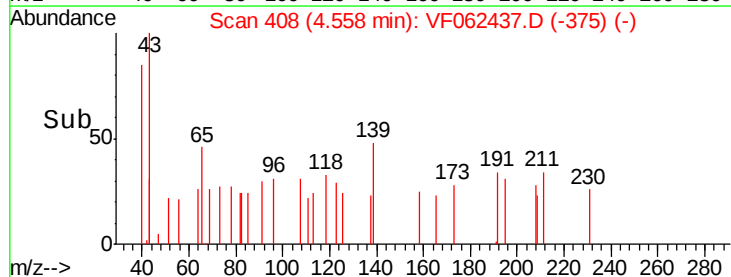
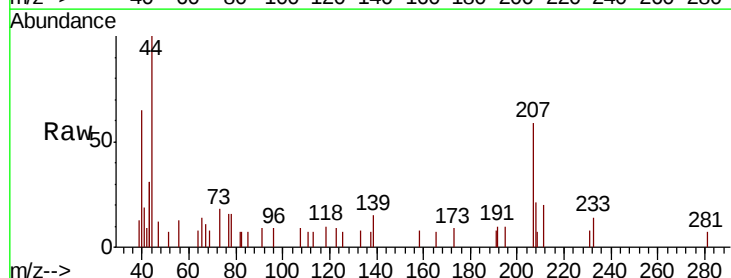
Instrument :
MSVOA_F
ClientSampleId :
B-4

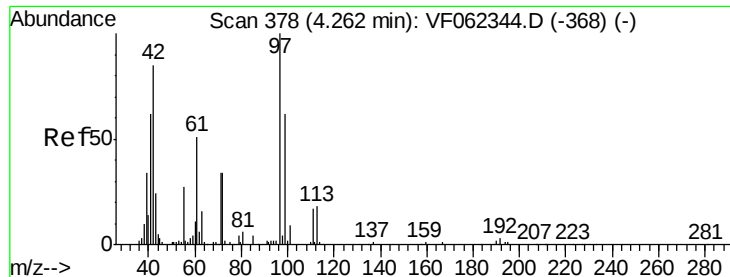
Tot Ion: 84 Resp: 6936
Ion Ratio Lower Upper
84 100
49 112.8 117.5 176.3#
51 23.0 37.0 55.4#
86 65.1 49.3 73.9



#25
2-Butanone
Concen: 5.385 ug/l
RT: 4.56 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion: 43 Resp: 2570
Ion Ratio Lower Upper
43 100
72 0.0 14.2 21.4#





#29

Tetrahydrofuran

Concen: 2.521 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.03 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampled :

B-4

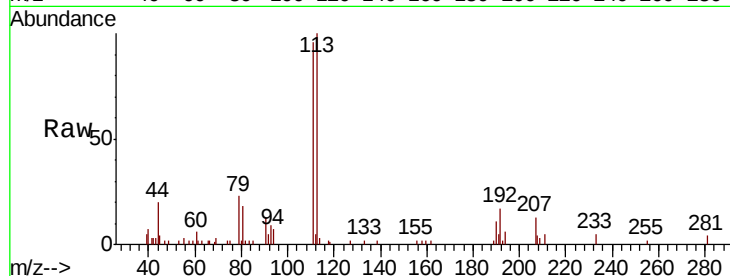
Tot Ion: 42 Resp: 553

Ion Ratio Lower Upper

42 100

72 20.1 31.4 47.0#

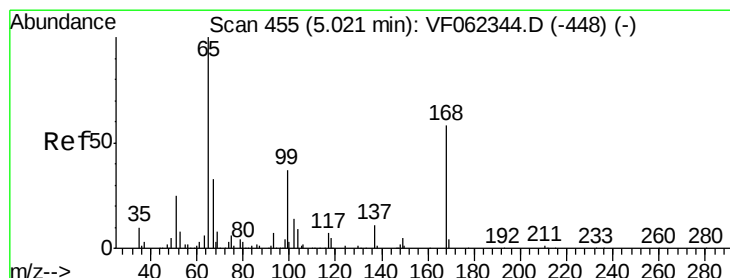
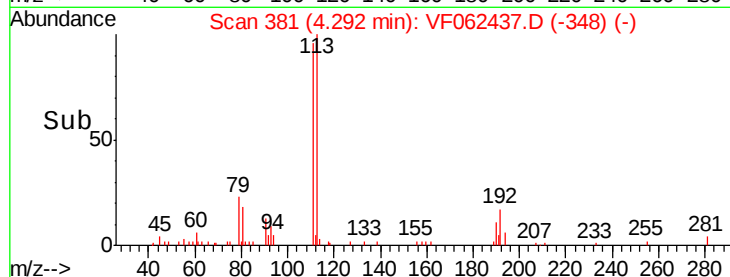
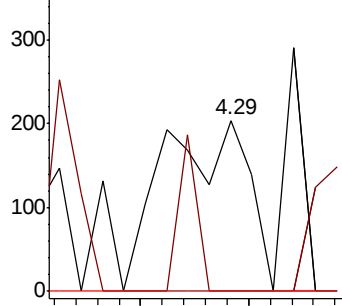
71 0.0 31.7 47.5#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 74.721 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062437.D

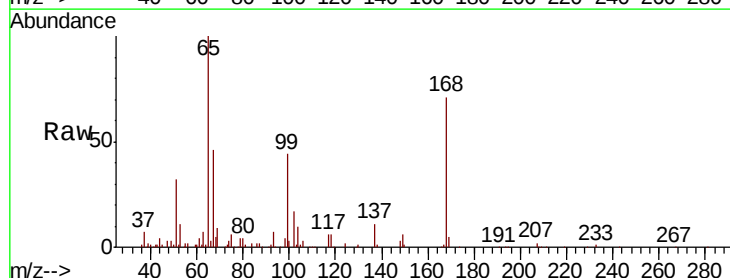
Acq: 11 May 2019 00:26

Tgt Ion: 65 Resp: 140319

Ion Ratio Lower Upper

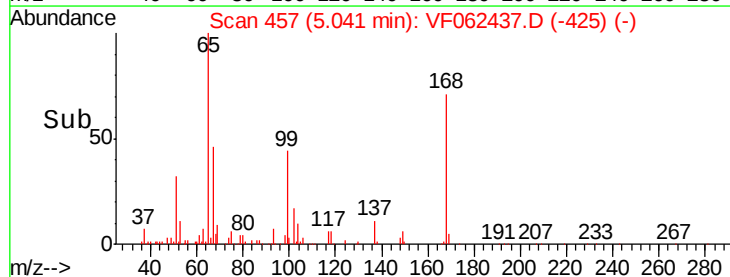
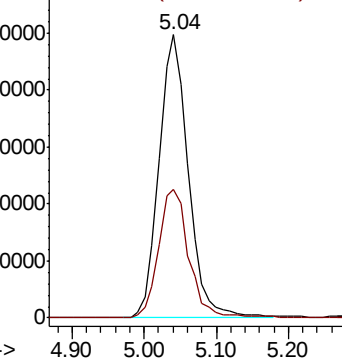
65 100

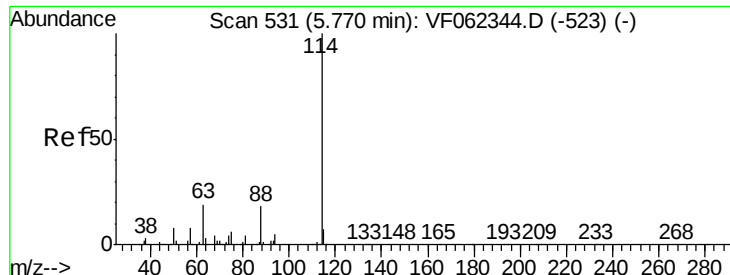
67 47.1 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

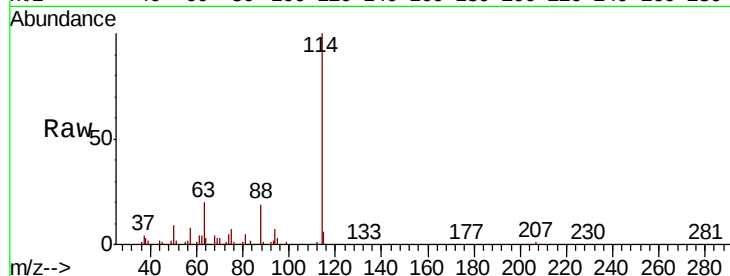




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Instrument :
MSVOA_F
ClientSampleId :
B-4

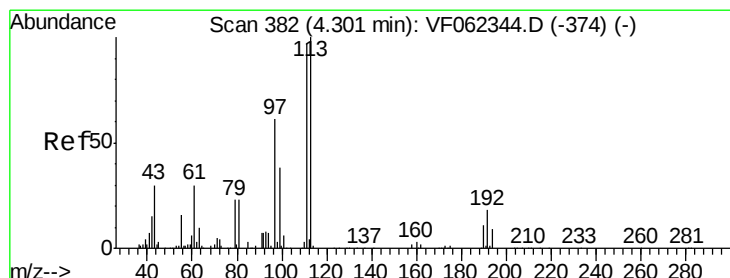
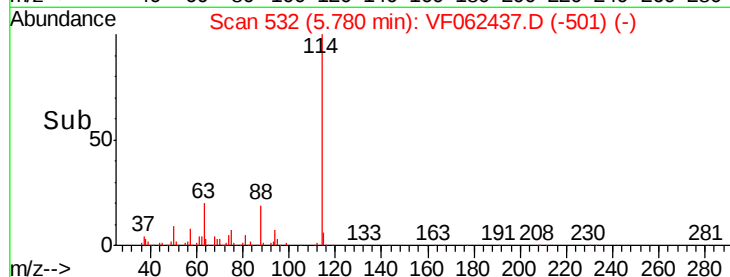
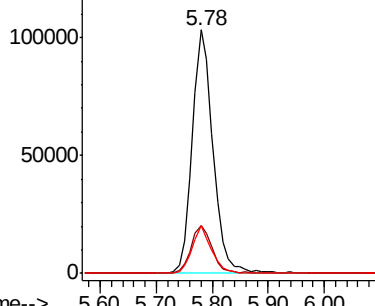
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.4
88	19.4	0.0	36.4



Abundance Ion 113.90 (113.60 to 114.60): V

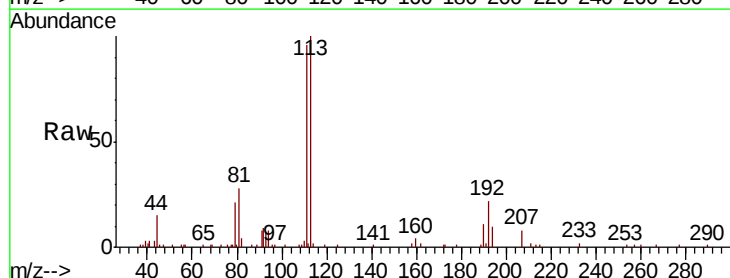
Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35
Dibromofluoromethane
Concen: 18.673 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

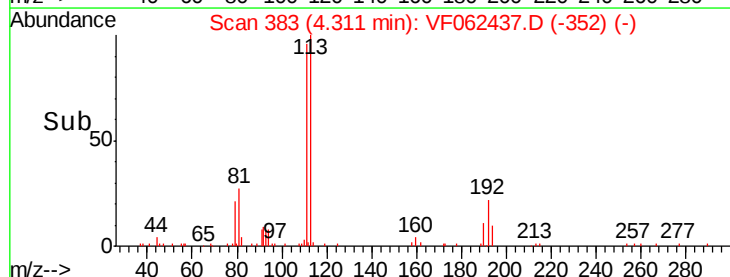
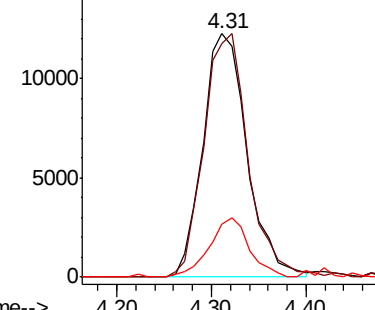
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.4	119.0
192	22.0	16.0	24.0

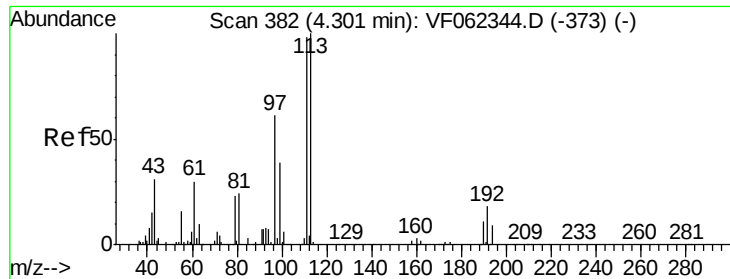


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

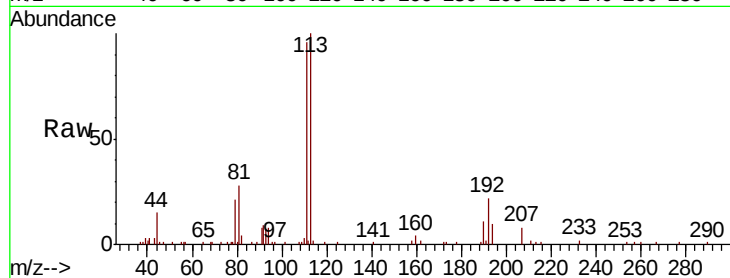




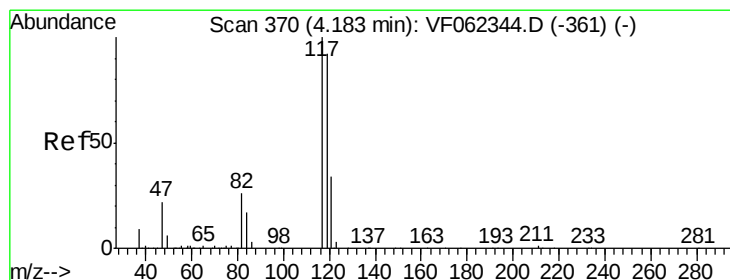
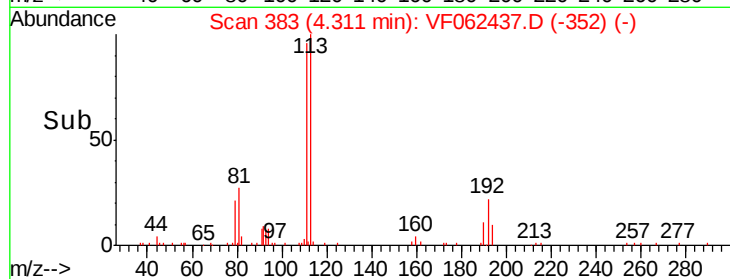
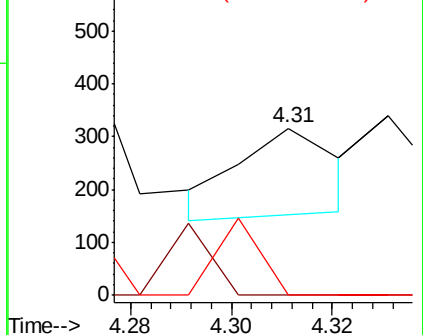
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Instrument :
MSVOA_F
ClientSampled :
B-4

Tot Ion: 43 Resp: 221
Ion Ratio Lower Upper
43 100
61 36.2 0.0 0.0#
70 38.9 8.2 12.2#

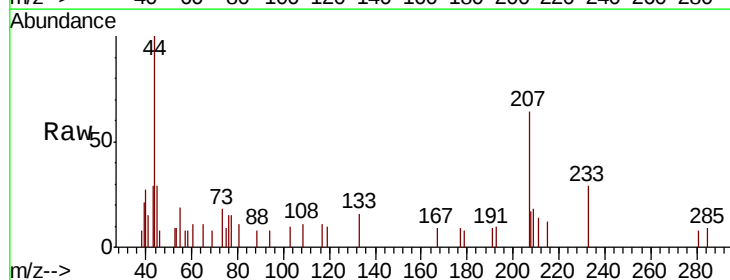


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 60.90 (60.60 to 61.60): VF0
Ion 70.00 (69.70 to 70.70): VF0

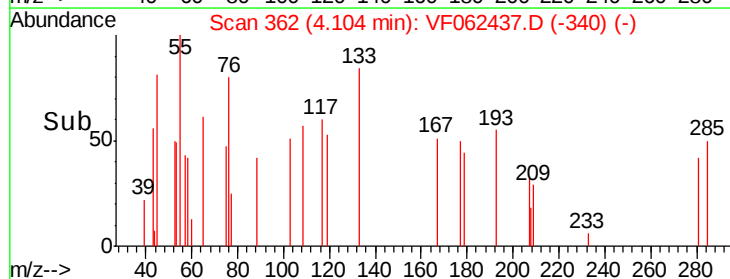
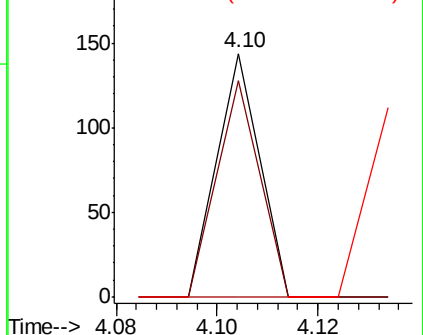


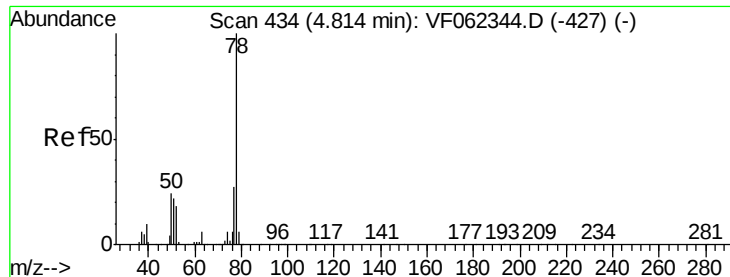
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.10 min Scan# 362
Delta R.T. -0.08 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion: 117 Resp: 85
Ion Ratio Lower Upper
117 100
119 88.9 73.4 110.2
121 0.0 27.4 41.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 1.135 ug/l

RT: 4.84 min Scan# 437

Delta R.T. 0.03 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampled :

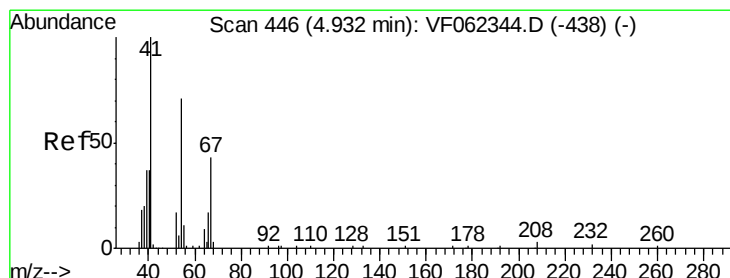
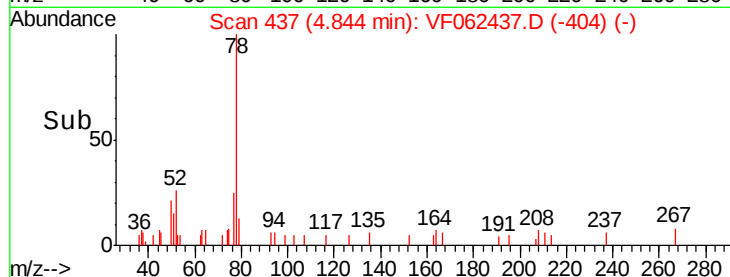
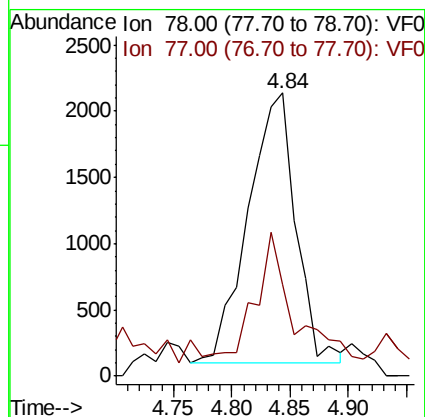
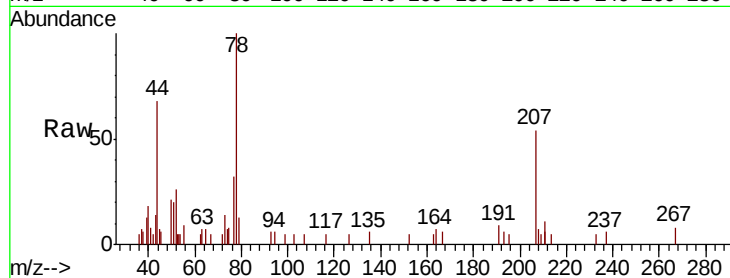
B-4

Tot Ion: 78 Resp: 5747

Ion Ratio Lower Upper

78 100

77 20.9 21.6 32.4#



#41

Methacrylonitrile

Concen: 1.139 ug/l

RT: 4.96 min Scan# 449

Delta R.T. 0.03 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Tgt Ion: 41 Resp: 628

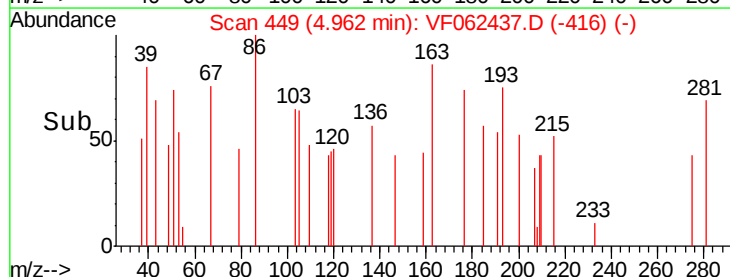
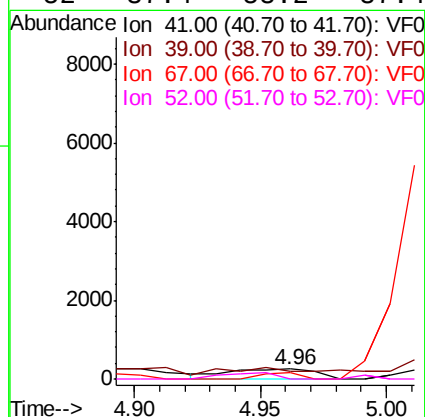
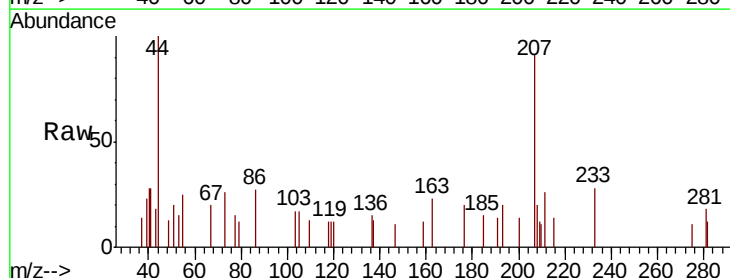
Ion Ratio Lower Upper

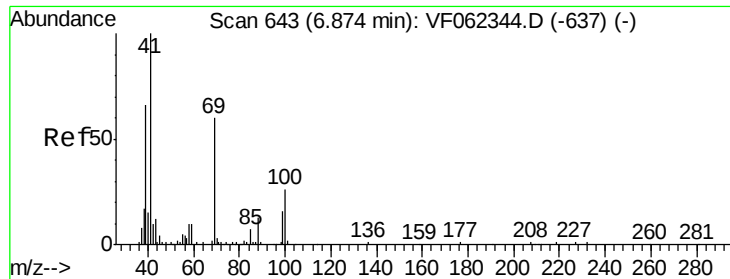
41 100

39 56.1 54.3 81.5

67 0.0 37.8 56.8#

52 37.4 58.2 87.4#

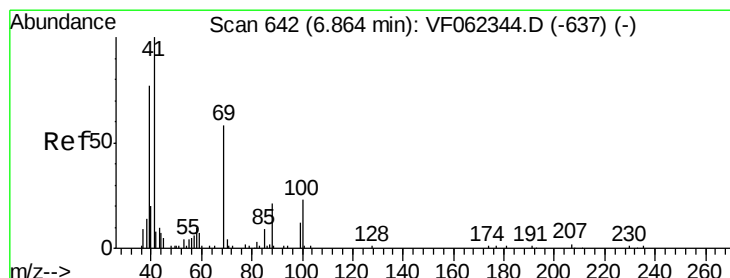
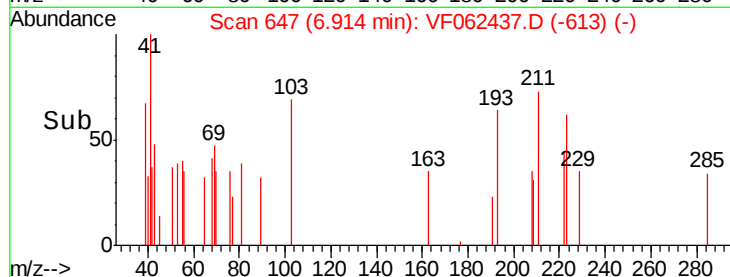
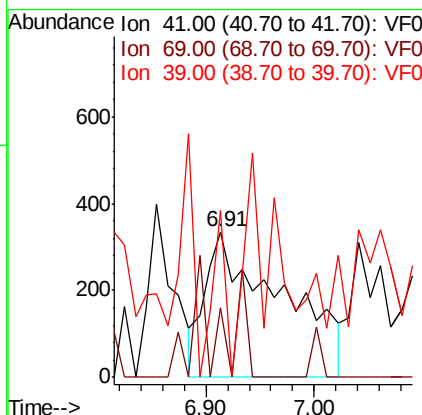
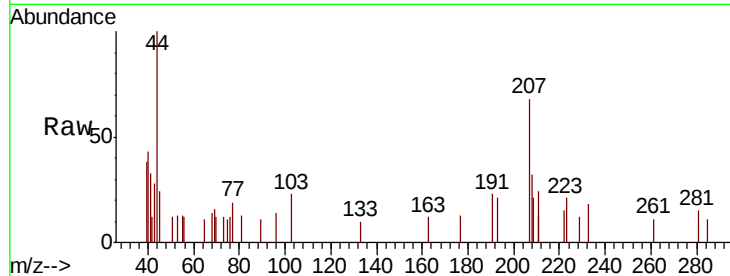




#48
Methyl methacrylate
Concen: 2.225 ug/l
RT: 6.91 min Scan# 647
Delta R.T. 0.04 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

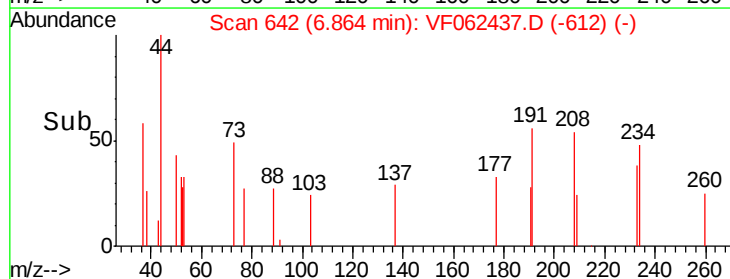
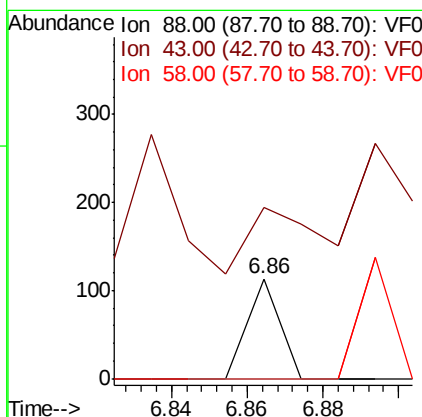
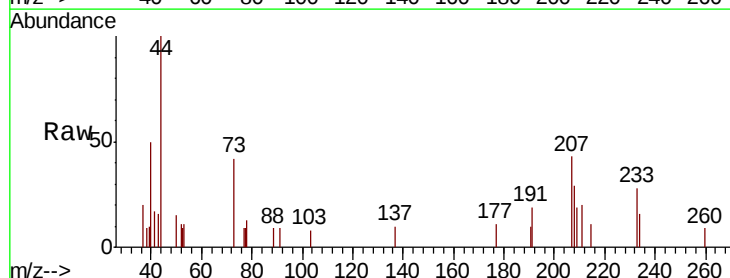
Instrument :
MSVOA_F
ClientSampled :
B-4

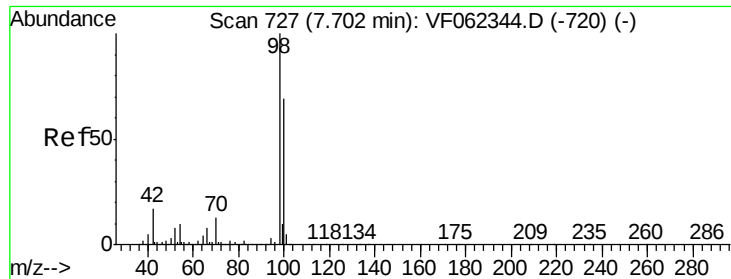
Tot Ion: 41 Resp: 1644
Ion Ratio Lower Upper
41 100
69 0.0 48.6 72.8#
39 13.9 56.1 84.1#



#49
1,4-Dioxane
Concen: Below Cal
RT: 6.86 min Scan# 642
Delta R.T. 0.00 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 55.6 83.4#
58 0.0 52.8 79.2#





#50

Toluene-d8

Concen: 40.073 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

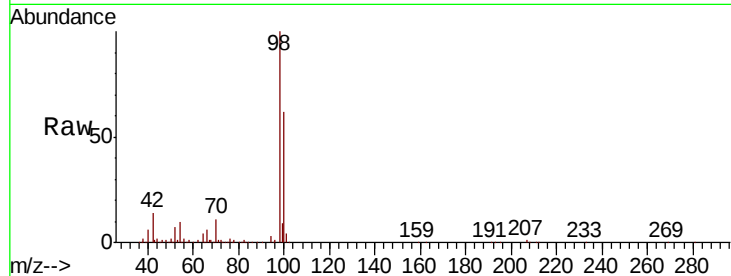
B-4

Tot Ion: 98 Resp: 206805

Ion Ratio Lower Upper

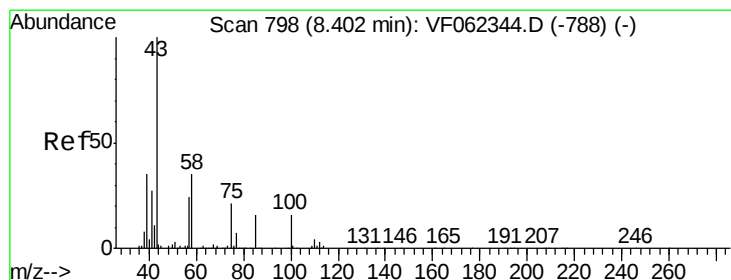
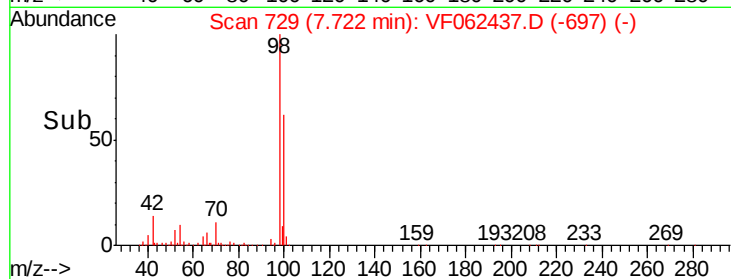
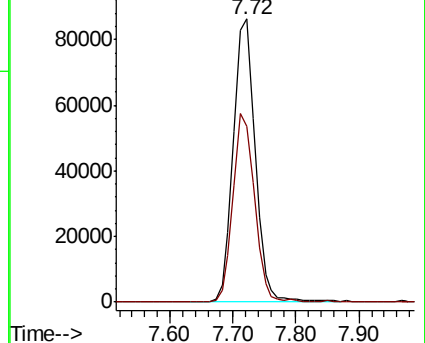
98 100

100 65.6 53.3 79.9



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: 2.575 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.00 min

Lab File: VF062437.D

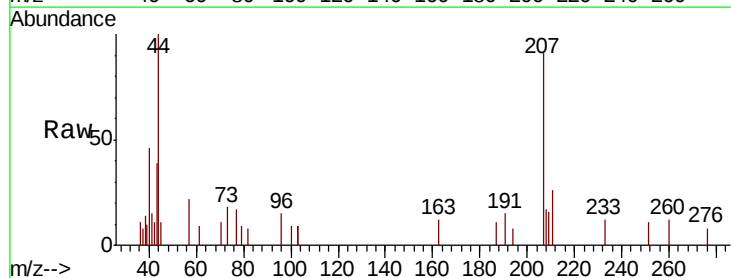
Acq: 11 May 2019 00:26

Tgt Ion: 43 Resp: 2040

Ion Ratio Lower Upper

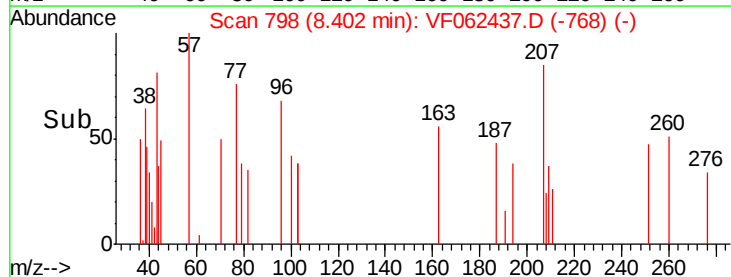
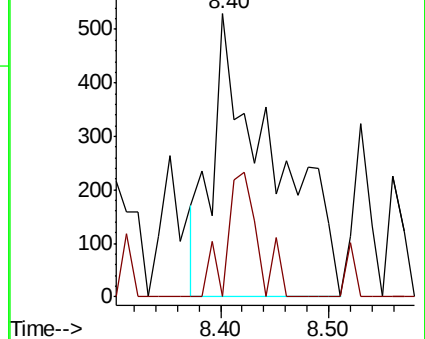
43 100

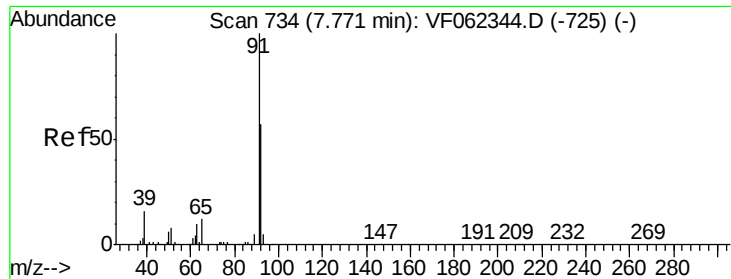
58 23.3 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 2.018 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampled :

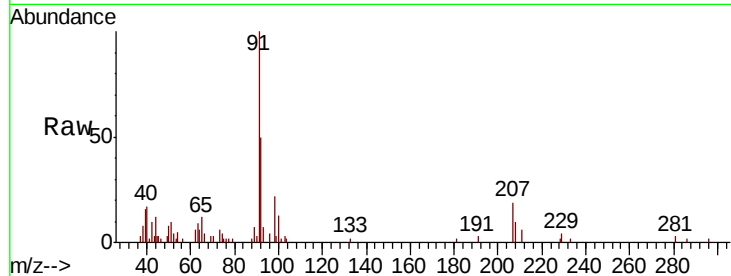
B-4

Tot Ion: 92 Resp: 6302

Ion Ratio Lower Upper

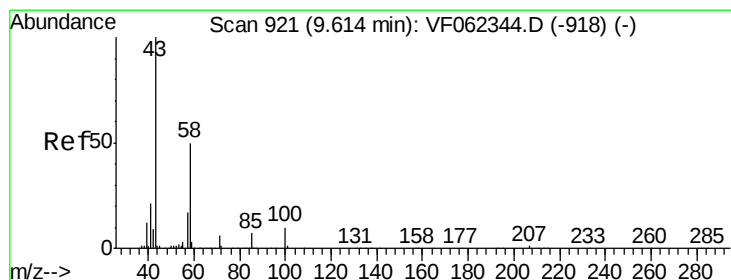
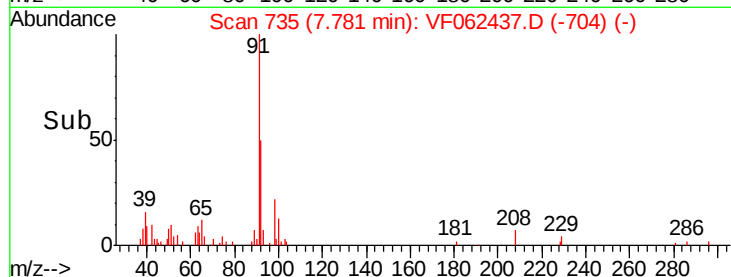
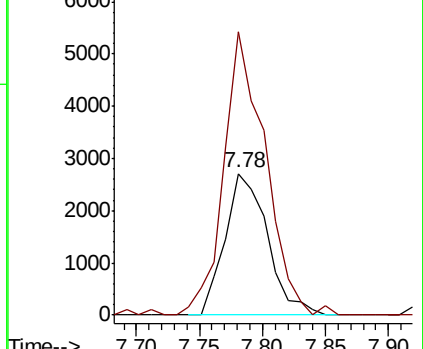
92 100

91 196.3 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#59

2-Hexanone

Concen: 4.135 ug/l

RT: 9.62 min Scan# 922

Delta R.T. 0.01 min

Lab File: VF062437.D

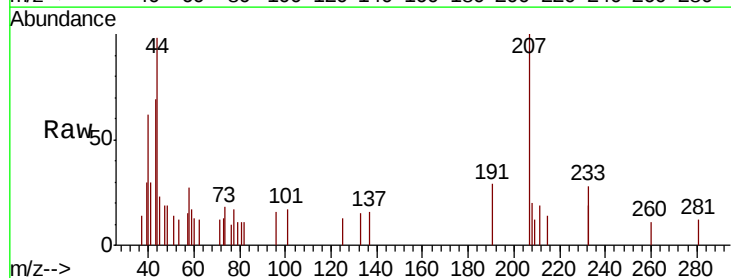
Acq: 11 May 2019 00:26

Tgt Ion: 43 Resp: 2266

Ion Ratio Lower Upper

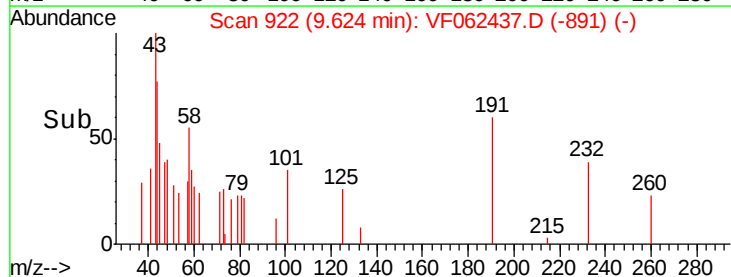
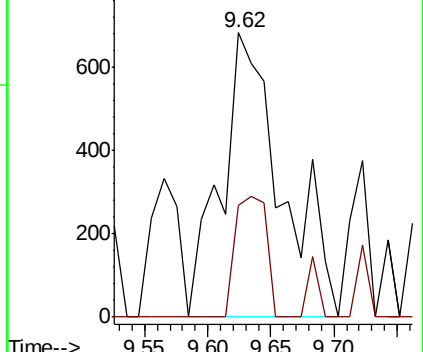
43 100

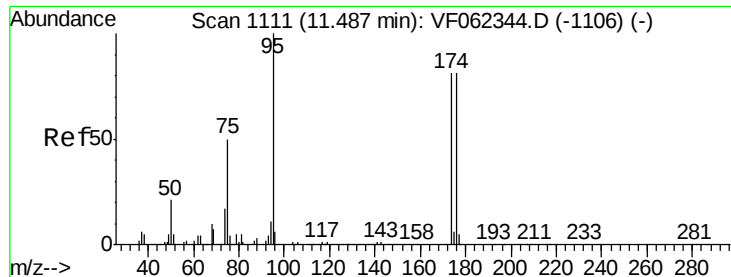
58 21.6 24.3 73.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 22.328 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

B-4

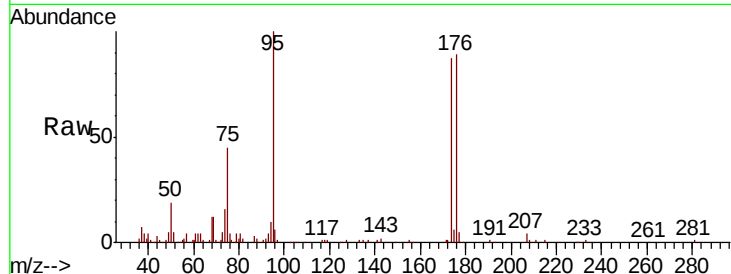
Tot Ion: 95 Resp: 51986

Ion Ratio Lower Upper

95 100

174 94.6 0.0 191.8

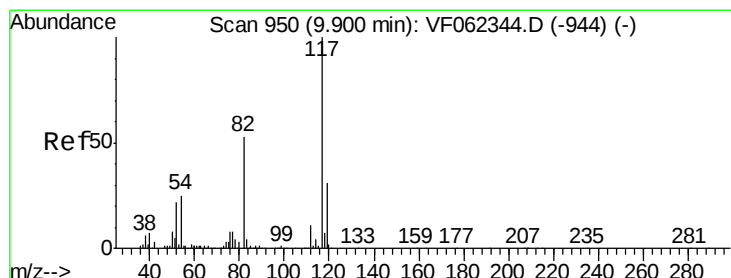
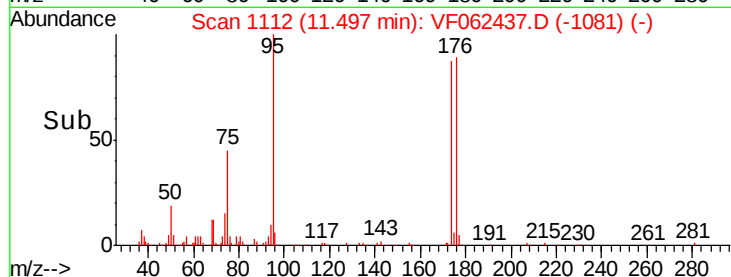
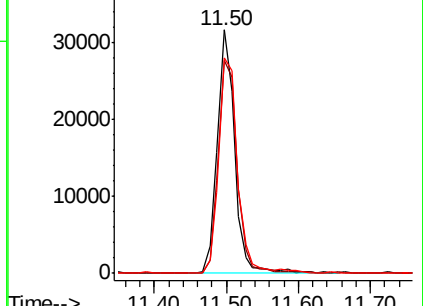
176 97.7 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

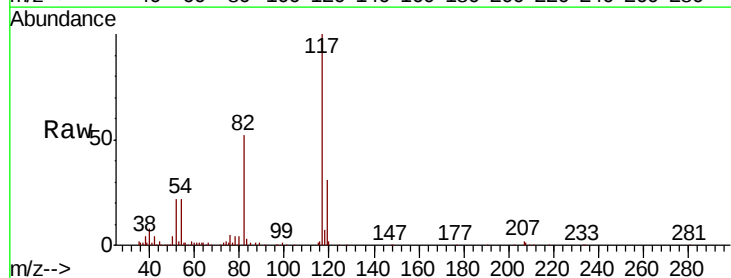
Tgt Ion: 117 Resp: 127909

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.2

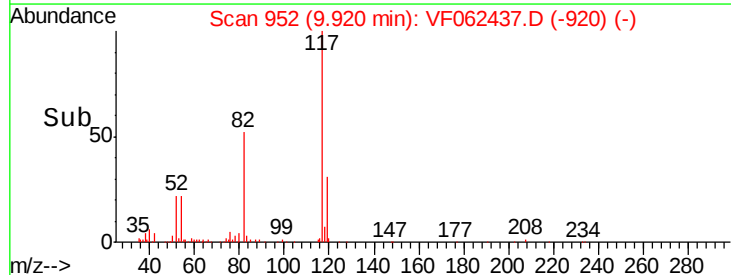
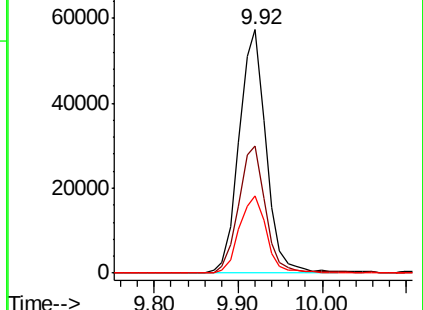
119 31.5 25.0 37.4

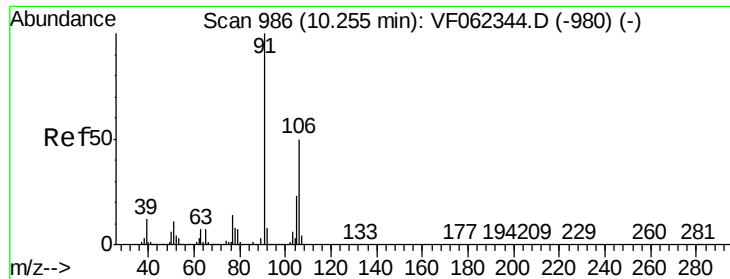


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V

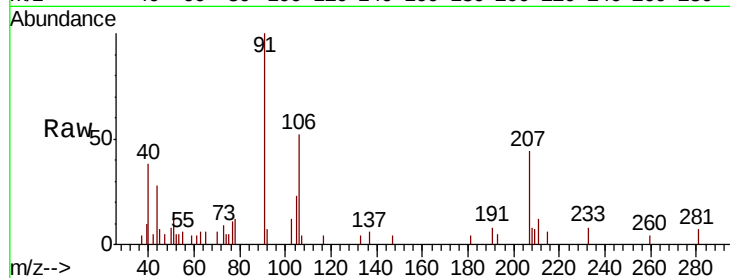




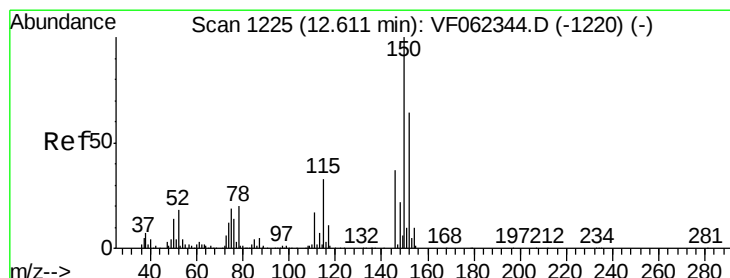
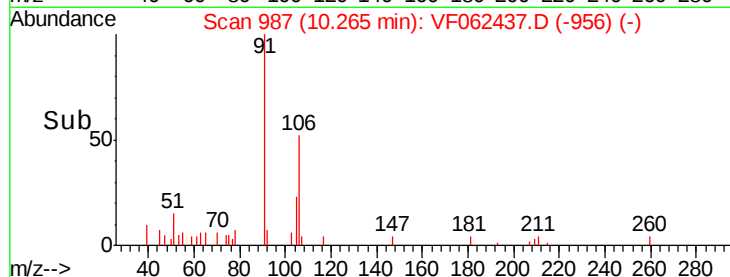
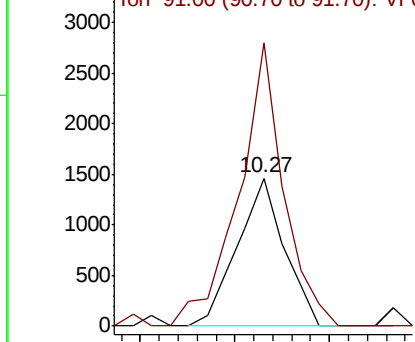
#68
m/p-Xvlenes
Concen: 1.847 ug/l
RT: 10.27 min Scan# 987
Delta R.T. 0.01 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Instrument :
MSVOA_F
ClientSampleId :
B-4

Tot Ion:106 Resp: 2525
Ion Ratio Lower Upper
106 100
91 183.3 167.4 251.2

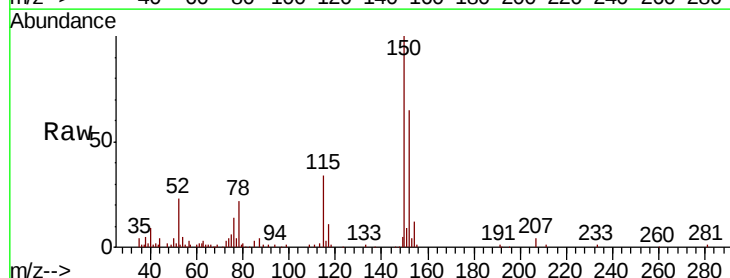


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

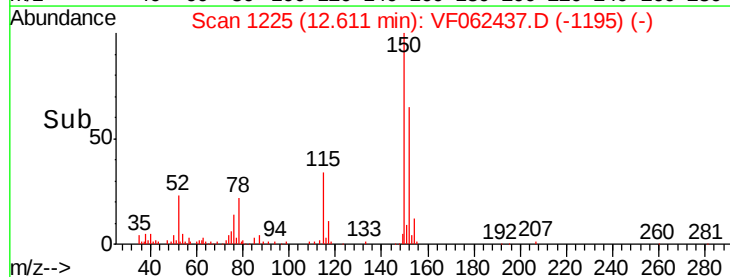
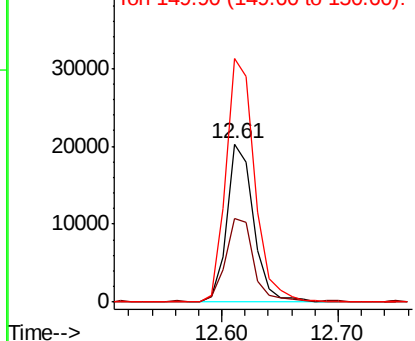


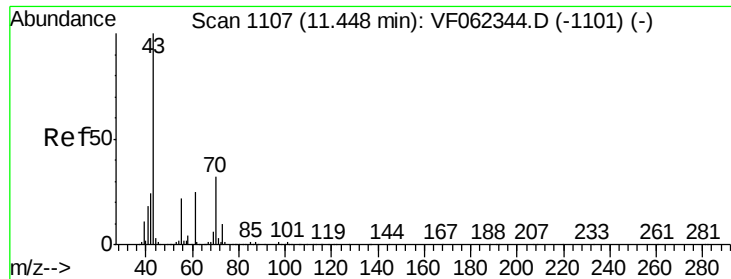
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion:152 Resp: 32301
Ion Ratio Lower Upper
152 100
115 56.2 26.4 79.2
150 165.8 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 4.699 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

B-4

Tot Ion: 43 Resp: 1932

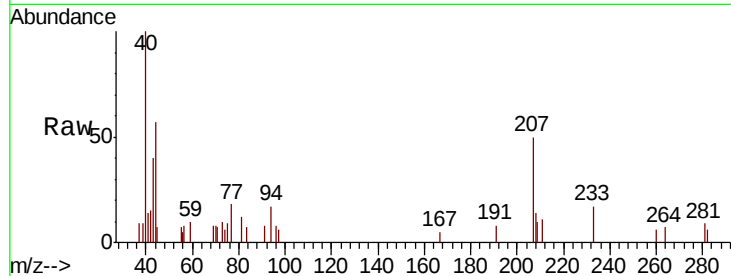
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 5.8 17.8 26.6#

61 0.0 20.2 30.2#

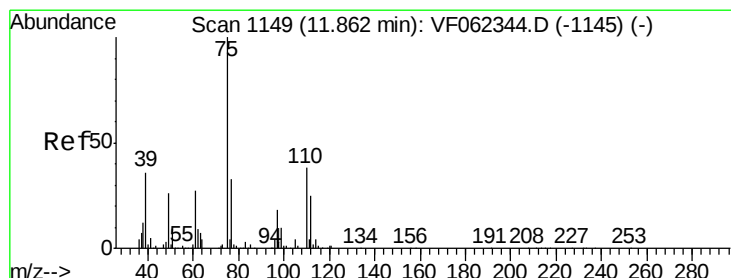
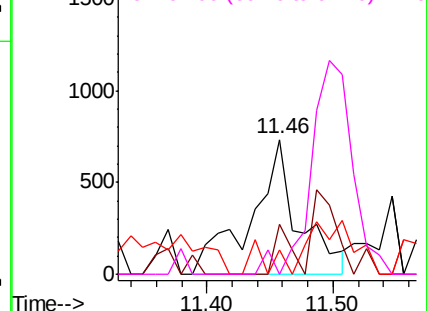
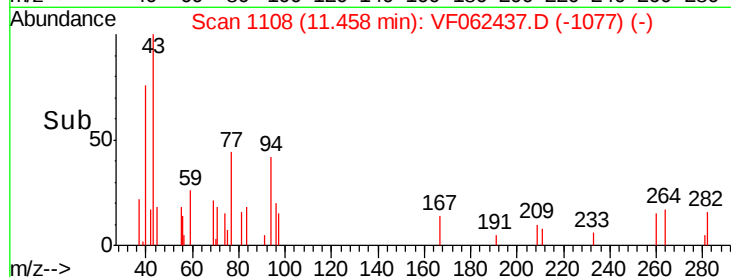


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#76

1,2,3-Trichloropropane

Concen: 2.116 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VF062437.D

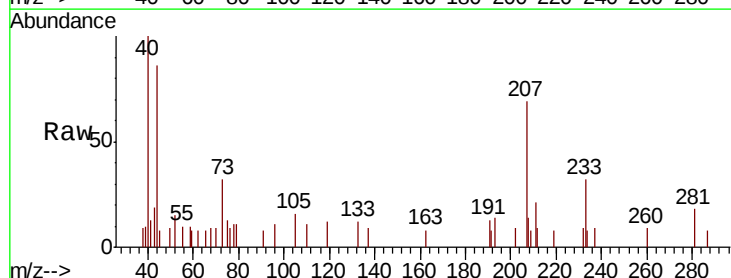
Acq: 11 May 2019 00:26

Tgt Ion: 75 Resp: 484

Ion Ratio Lower Upper

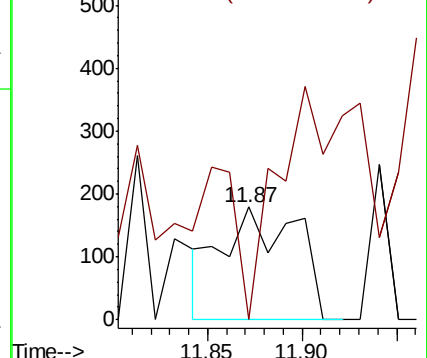
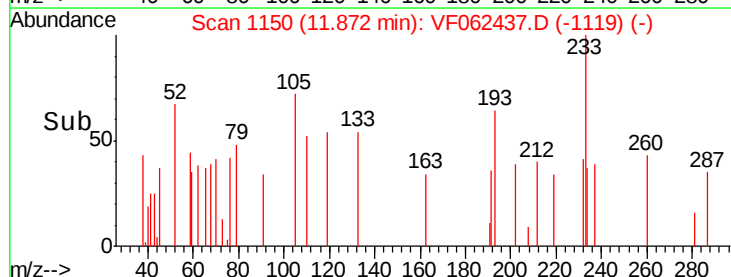
75 100

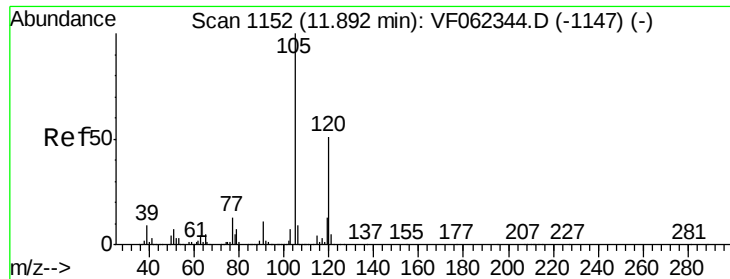
77 58.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0

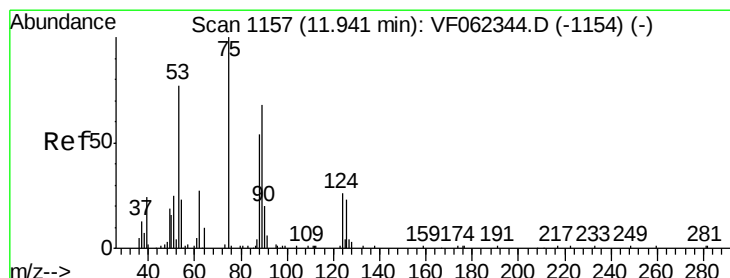
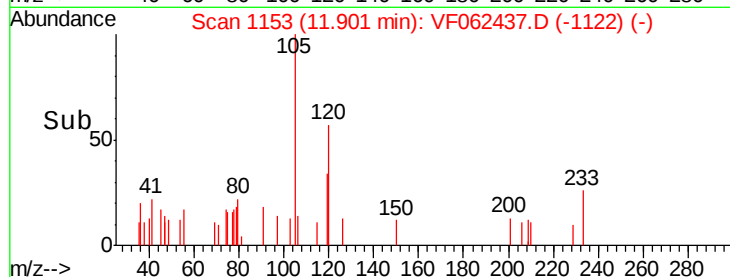
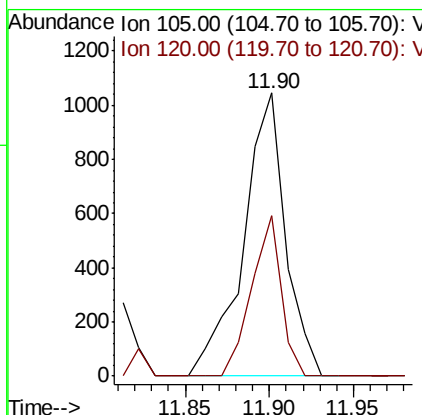
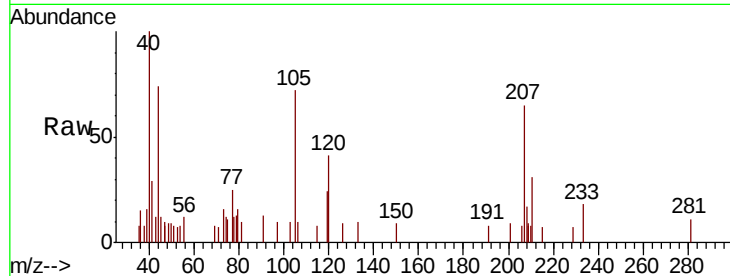




#80
 1,3,5-Trimethylbenzene
 Concen: 1.082 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: VF062437.D
 Acq: 11 May 2019 00:26

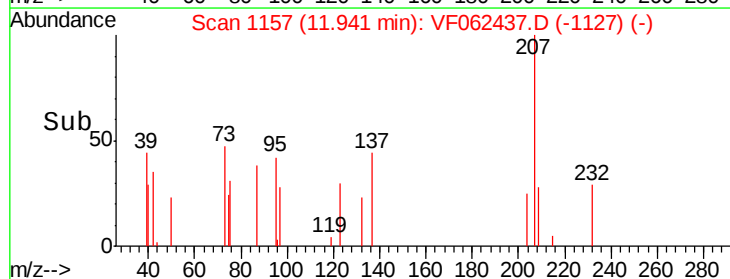
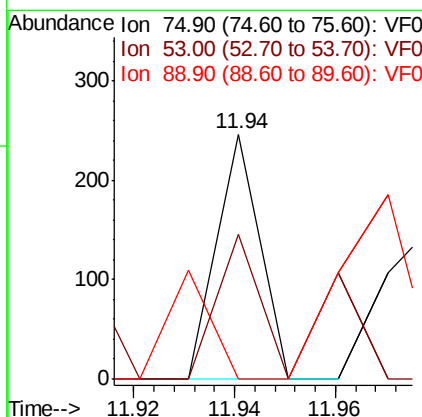
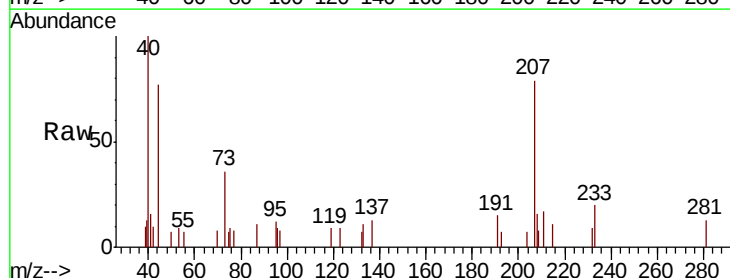
Instrument :
 MSVOA_F
 ClientSampled :
 B-4

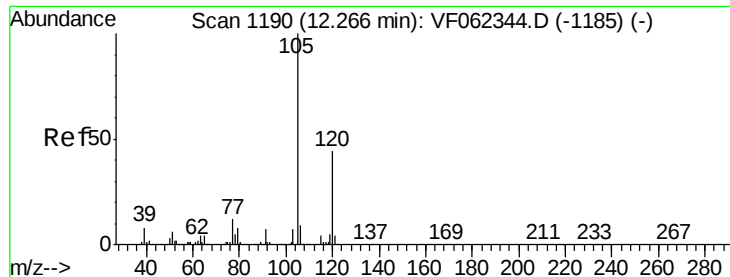
Tot Ion:105 Resp: 1816
 Ion Ratio Lower Upper
 105 100
 120 39.9 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.698 ug/l
 RT: 11.94 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: VF062437.D
 Acq: 11 May 2019 00:26

Tgt Ion: 75 Resp: 146
 Ion Ratio Lower Upper
 75 100
 53 101.4 71.9 107.9
 89 43.8 0.0 0.0#

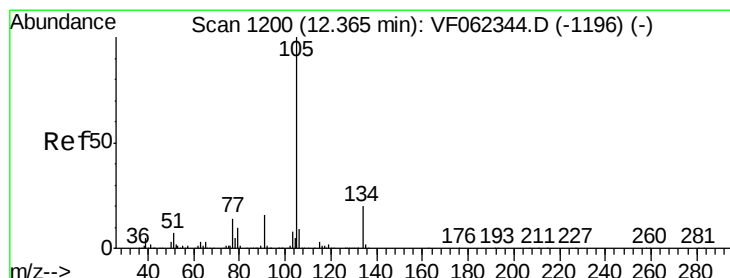
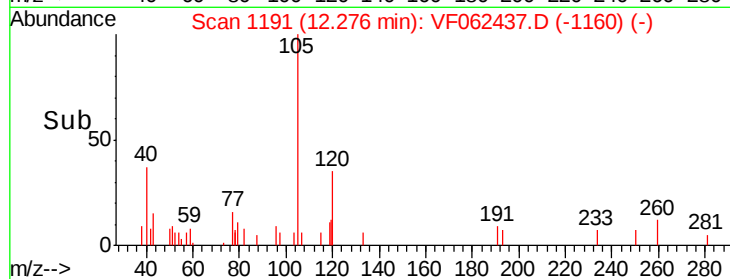
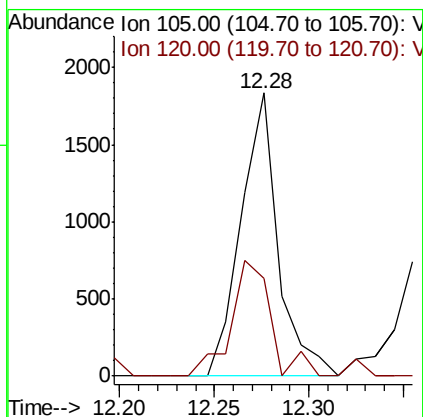
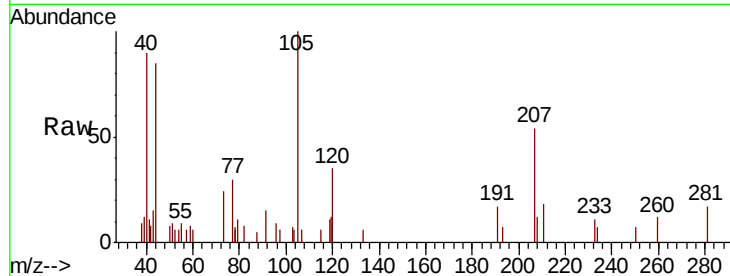




#84
 1,2,4-Trimethylbenzene
 Concen: 1.517 ug/l
 RT: 12.28 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062437.D
 Acq: 11 May 2019 00:26

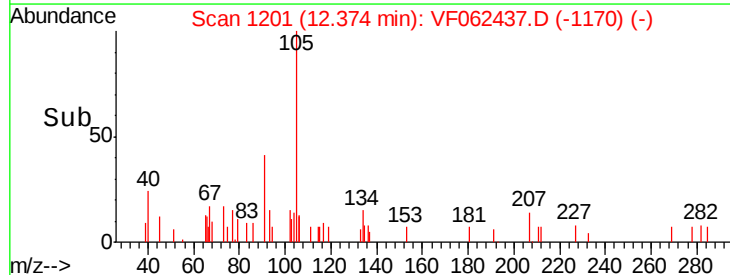
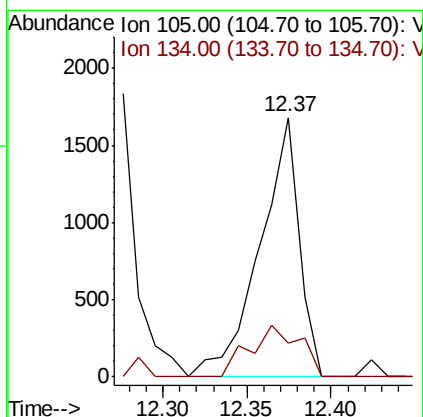
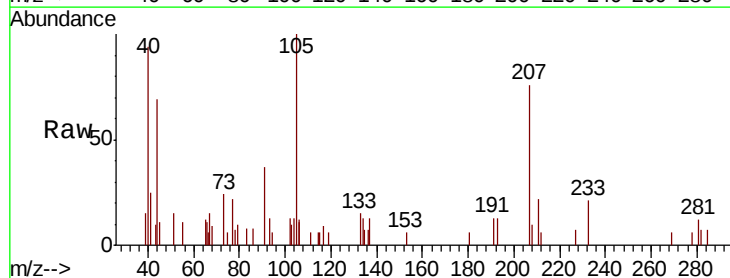
Instrument :
 MSVOA_F
 ClientSampled :
 B-4

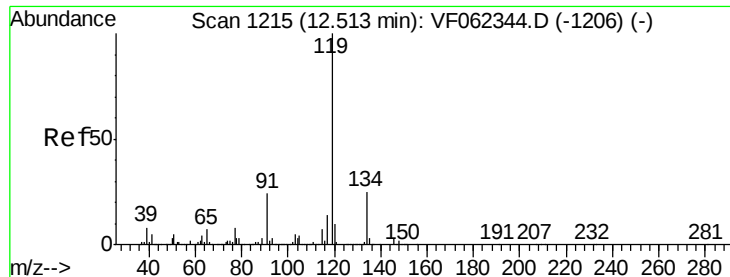
Tot Ion:105 Resp: 2492
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 1.268 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VF062437.D
 Acq: 11 May 2019 00:26

Tgt Ion:105 Resp: 2722
 Ion Ratio Lower Upper
 105 100
 134 25.2 9.8 29.5

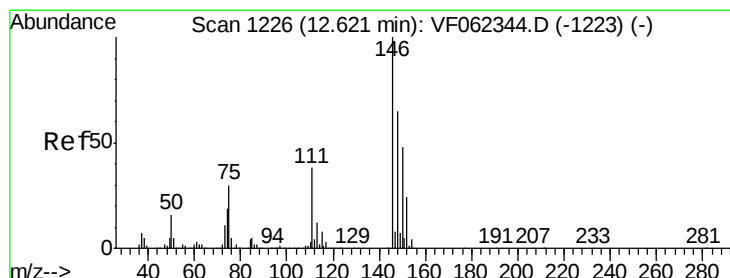
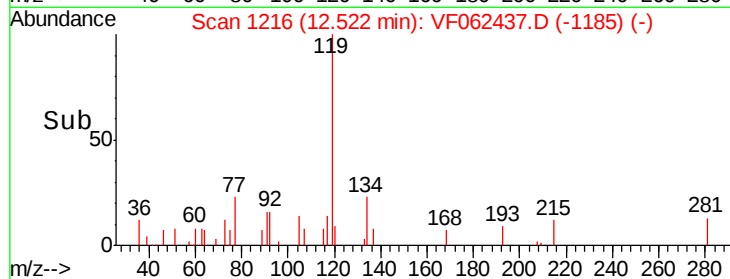
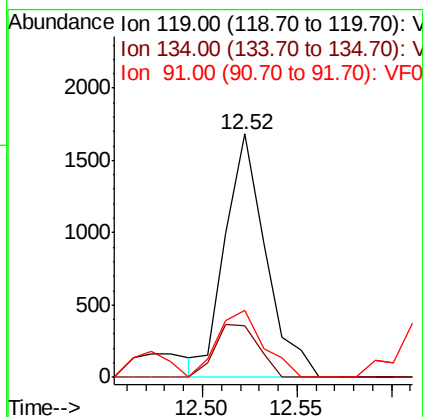
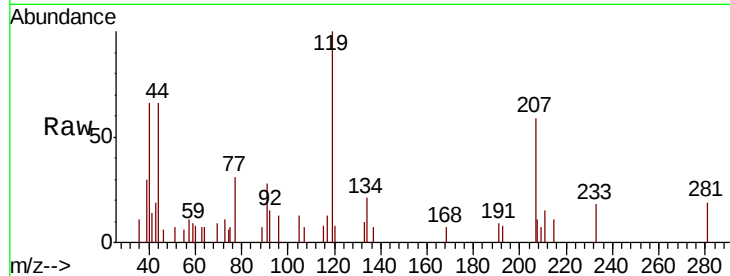




#86
p-Isopropyltoluene
Concen: 1.250 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. 0.01 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

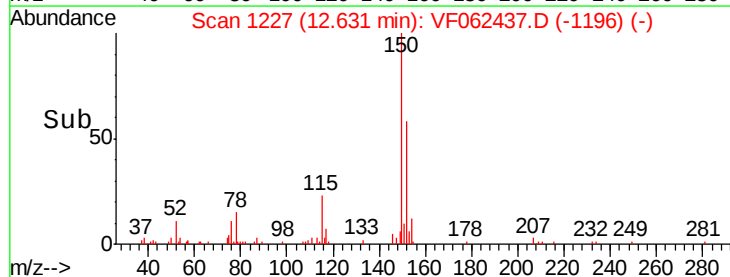
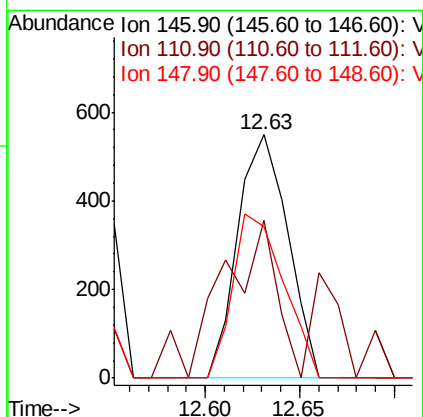
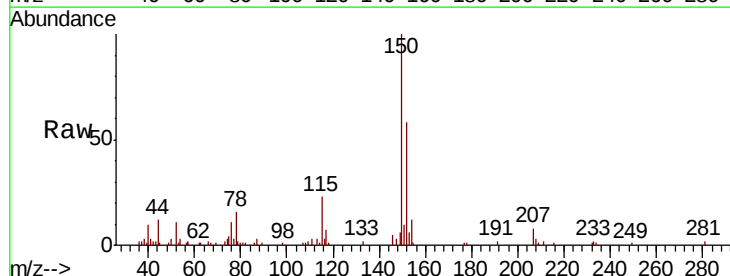
Instrument :
MSVOA_F
ClientSampleId :
B-4

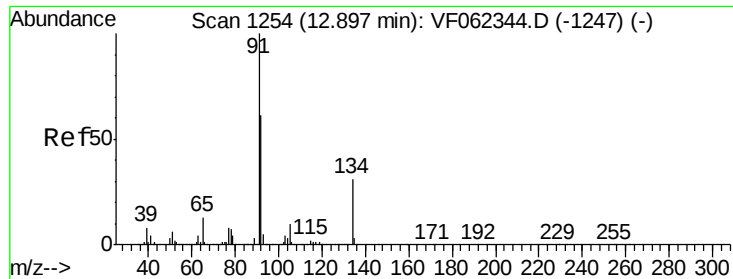
Tot Ion:119 Resp: 2494
Ion Ratio Lower Upper
119 100
134 23.5 12.9 38.7
91 31.2 12.3 36.8



#88
1,4-Dichlorobenzene
Concen: 1.137 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062437.D
Acq: 11 May 2019 00:26

Tgt Ion:146 Resp: 1007
Ion Ratio Lower Upper
146 100
111 73.1 18.8 56.3#
148 68.8 32.2 96.6





#89

n-Butylbenzene

Concen: 1.267 ug/l

RT: 12.90 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

B-4

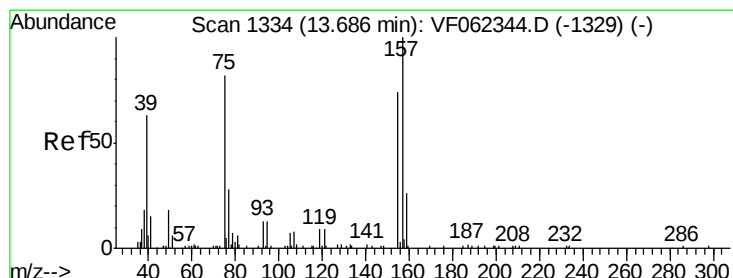
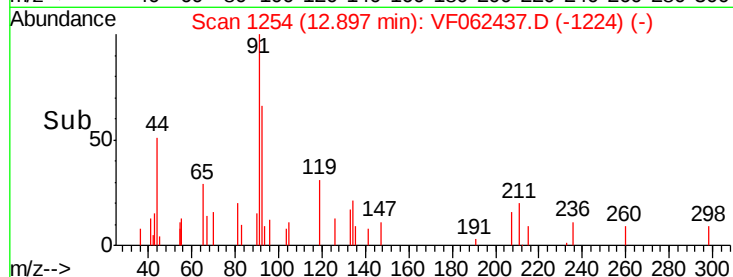
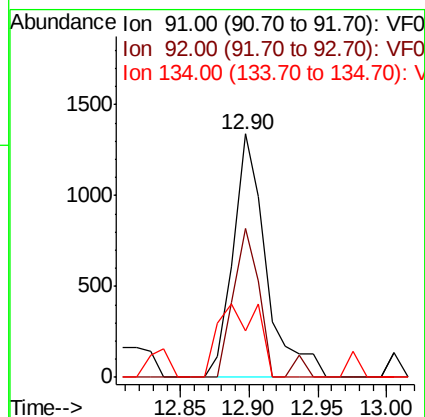
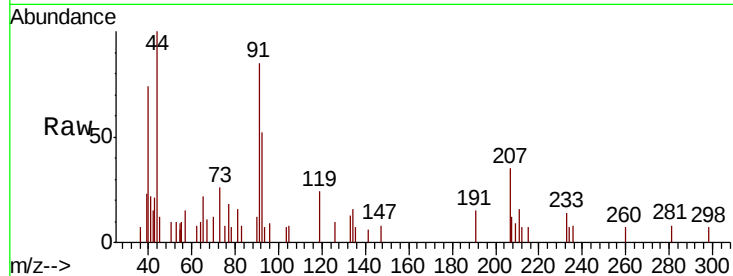
Tot Ion: 91 Resp: 2248

Ion Ratio Lower Upper

91 100

92 46.4 30.0 90.0

134 35.9 14.1 42.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.576 ug/l

RT: 13.71 min Scan# 1336

Delta R.T. 0.02 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

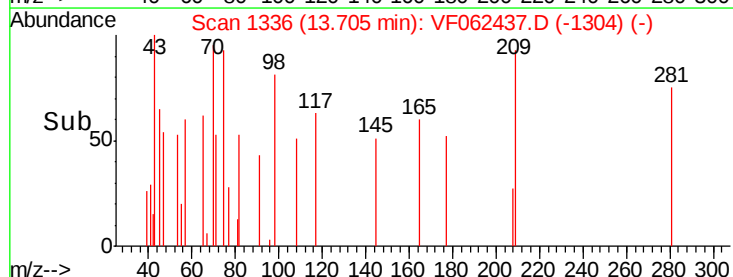
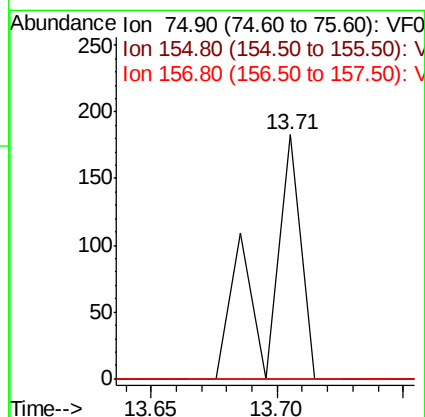
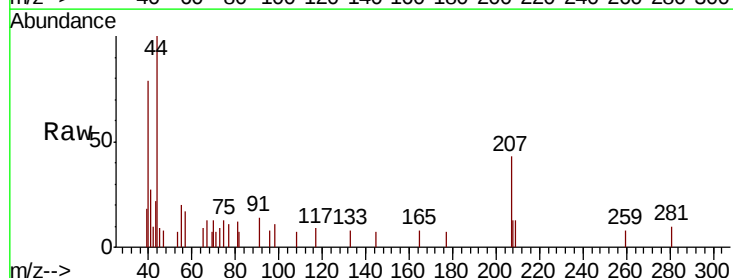
Tgt Ion: 75 Resp: 173

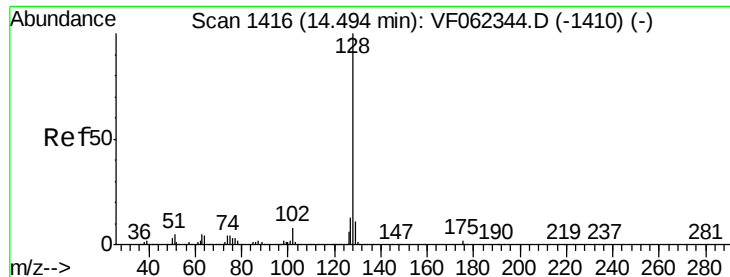
Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

157 0.0 67.3 201.8#





#95

Naphthalene

Concen: 5.924 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

Instrument :

MSVOA_F

ClientSampleId :

B-4

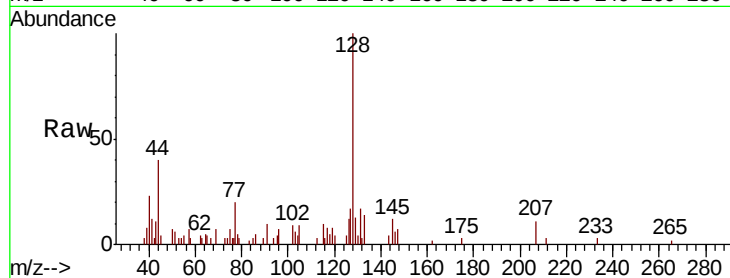
Tot Ion:128 Resp: 7097

Ion Ratio Lower Upper

128 100

127 16.6 10.5 15.7#

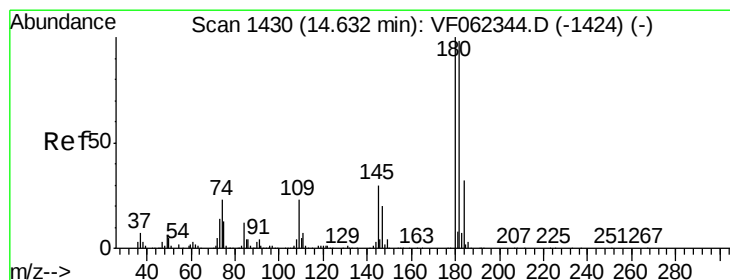
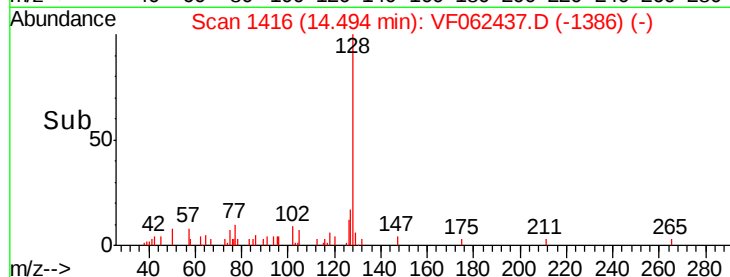
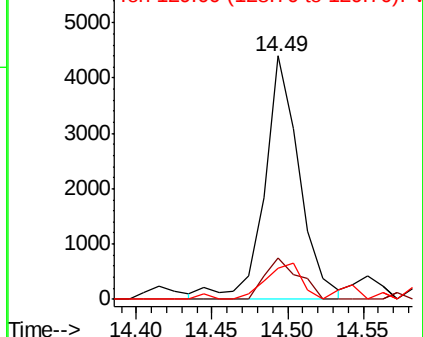
129 15.2 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 1.206 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. 0.01 min

Lab File: VF062437.D

Acq: 11 May 2019 00:26

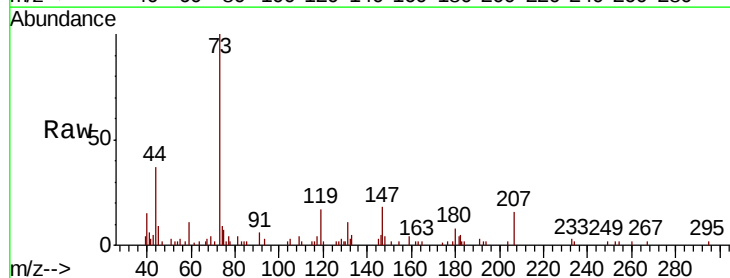
Tgt Ion:180 Resp: 931

Ion Ratio Lower Upper

180 100

182 68.2 49.4 148.0

145 0.0 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

