

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061930.D
 Acq On : 13 Mar 2019 16:27
 Operator : VA/AP
 Sample : K1870-05
 Misc : 3.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-2

Quant Time: Mar 14 01:16:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	10033	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	11638	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	7211	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	2126	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.82	65	1668	22.83	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	45.66%	
35) Dibromofluoromethane	4.10	113	3394	41.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	83.58%	
50) Toluene-d8	7.54	98	11566	47.91	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.40	95	2700	28.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	57.10%	

Target Compounds

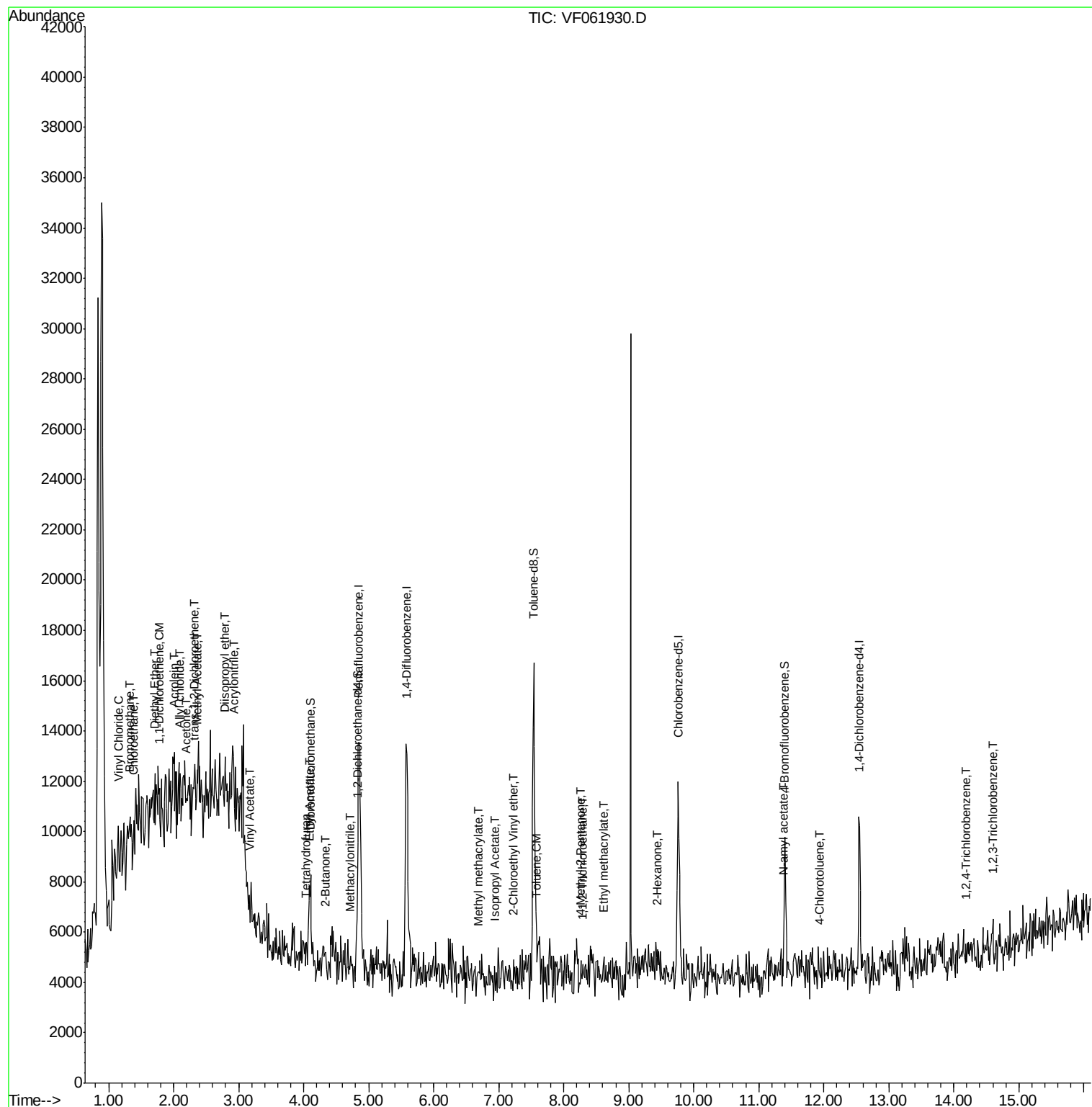
						Qvalue
4) Vinyl Chloride	1.15	62	127	1.121	ug/l #	1
5) Bromomethane	1.32	94	731	9.465	ug/l #	3
6) Chloroethane	1.39	64	65	1.207	ug/l #	41
8) Diethyl Ether	1.71	74	143	4.544	ug/l	99
12) 1,1-Dichloroethene	1.79	96	145	1.690	ug/l #	1
13) Acrolein	2.01	56	175	33.303	ug/l #	1
14) Allyl chloride	2.10	41	467	4.940	ug/l #	20
15) Acrylonitrile	2.94	53	312	23.627	ug/l #	16
16) Acetone	2.20	43	1245	81.346	ug/l #	50
18) Methyl Acetate	2.36	43	1018	34.958	ug/l #	62
20) Methylene Chloride	2.18	84	270	Below Cal	#	57
21) trans-1,2-Dichloroethene	2.30	96	173	2.142	ug/l #	1
22) Diisopropyl ether	2.78	45	934	3.798	ug/l #	43
23) Vinyl Acetate	3.16	43	453	4.124	ug/l #	76
25) 2-Butanone	4.33	43	377	12.110	ug/l #	56
29) Tetrahydrofuran	4.05	42	61	4.543	ug/l #	33
37) Ethyl Acetate	4.08	43	583	12.635	ug/l #	20
41) Methacrylonitrile	4.71	41	154	6.091	ug/l #	24
43) Isopropyl Acetate	6.94	43	131	2.303	ug/l #	42
48) Methyl methacrylate	6.69	41	120	3.334	ug/l #	18
51) 4-Methyl-2-Pentanone	8.26	43	81	2.060	ug/l #	35
52) Toluene	7.59	92	227	1.335	ug/l #	28
55) 1,1,2-Trichloroethane	8.30	97	81	1.654	ug/l #	15
56) Ethyl methacrylate	8.62	69	85	1.540	ug/l #	24
58) 2-Chloroethyl Vinyl ether	7.22	63	60	6.871	ug/l #	44
59) 2-Hexanone	9.45	43	72	2.539	ug/l #	22
74) N-amyl acetate	11.38	43	277	8.221	ug/l #	42
82) 4-Chlorotoluene	11.94	91	125	1.293	ug/l #	41
93) 1,2,4-Trichlorobenzene	14.19	180	65	1.463	ug/l #	11
96) 1,2,3-Trichlorobenzene	14.60	180	60	1.463	ug/l #	10

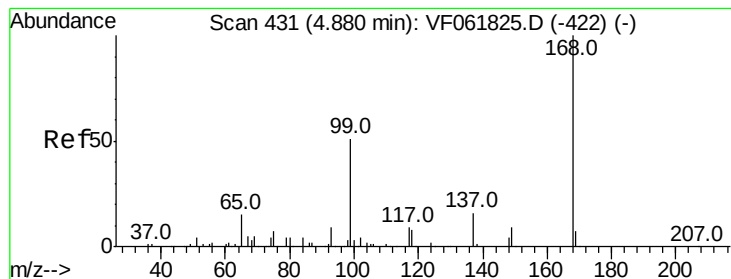
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

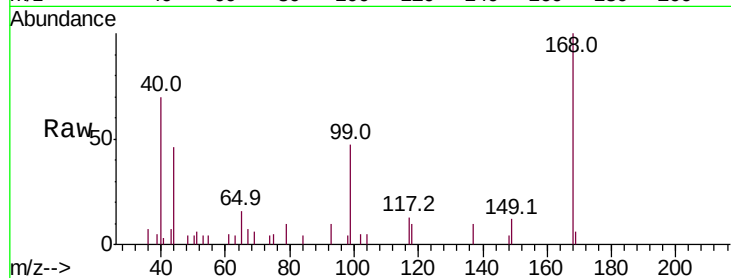
SP-2

Tot Ion:168 Resp: 10033

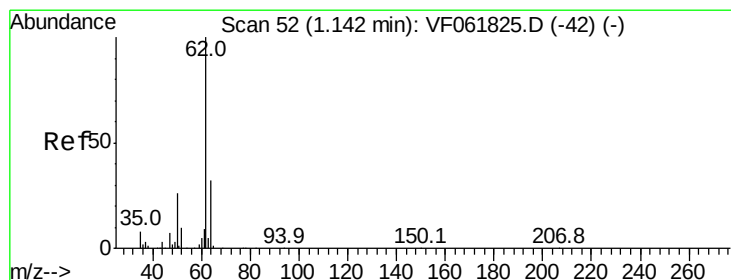
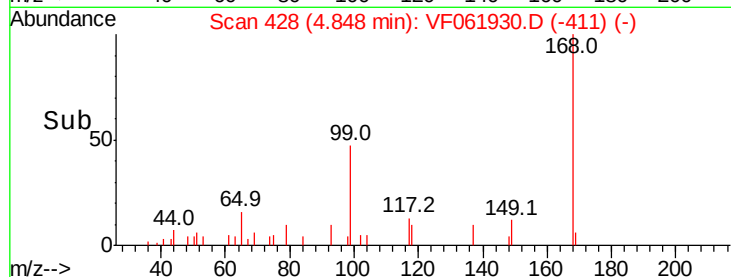
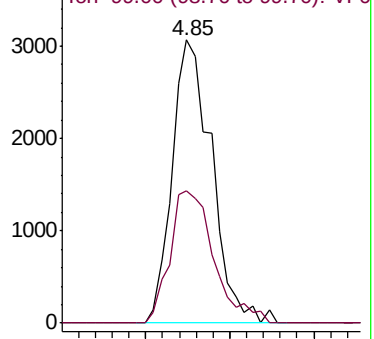
Ion Ratio Lower Upper

168 100

99 46.8 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0



#4

Vinyl Chloride

Concen: 1.121 ug/l

RT: 1.15 min Scan# 53

Delta R.T. 0.01 min

Lab File: VF061930.D

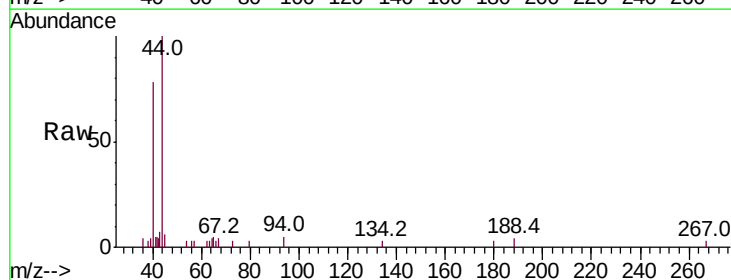
Acq: 13 Mar 2019 16:27

Tgt Ion: 62 Resp: 127

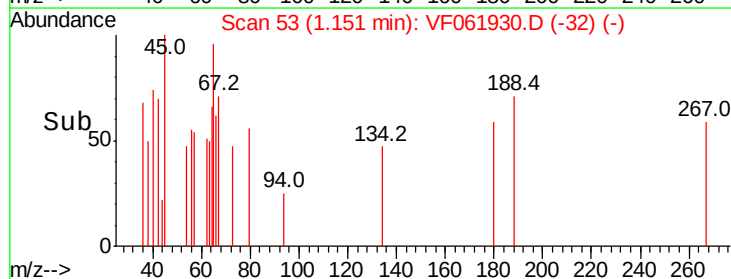
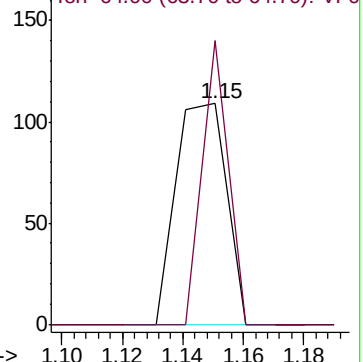
Ion Ratio Lower Upper

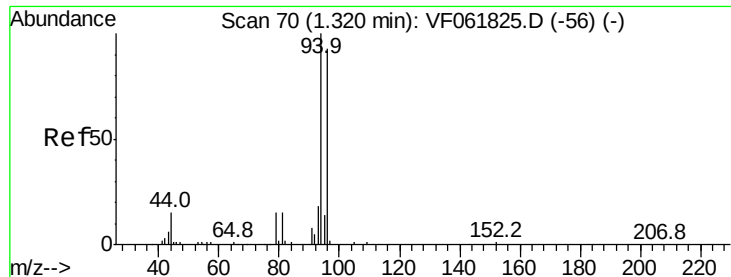
62 100

64 128.4 25.2 37.8#



Abundance Ion 62.00 (61.70 to 62.70): VF0





#5

Bromomethane

Concen: 9.465 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

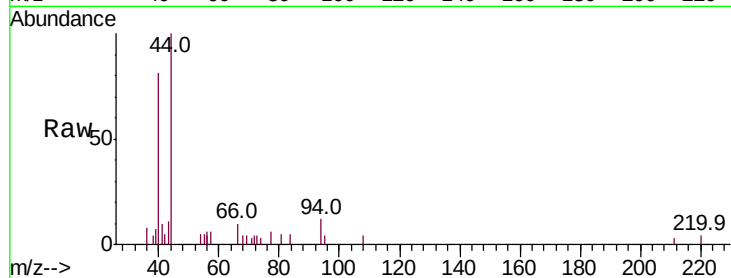
SP-2

Tot Ion: 94 Resp: 731

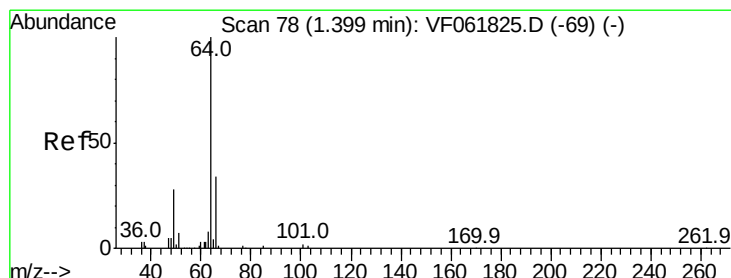
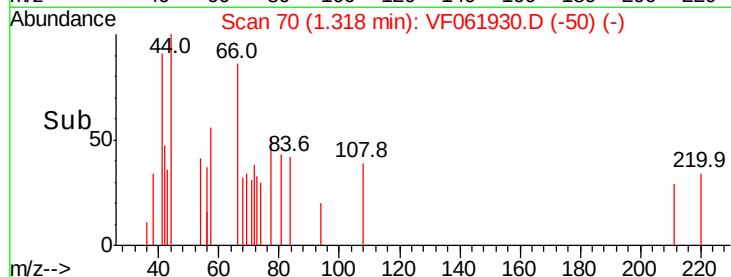
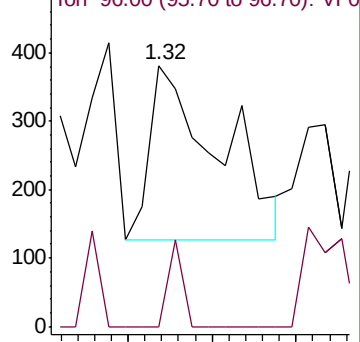
Ion Ratio Lower Upper

94 100

96 0.0 75.2 112.8#



Abundance Ion 94.00 (93.70 to 94.70): VF0



#6

Chloroethane

Concen: 1.207 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.01 min

Lab File: VF061930.D

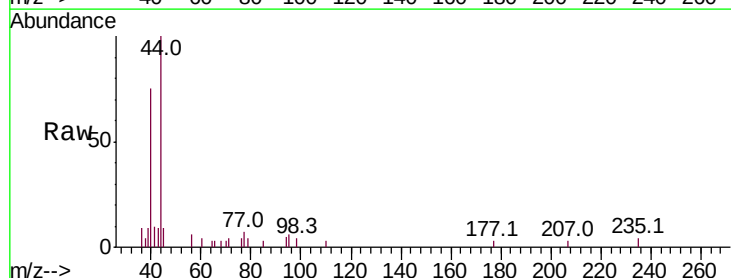
Acq: 13 Mar 2019 16:27

Tgt Ion: 64 Resp: 65

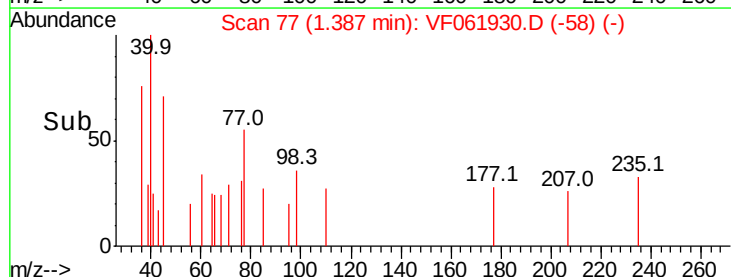
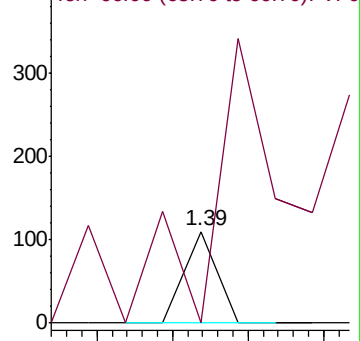
Ion Ratio Lower Upper

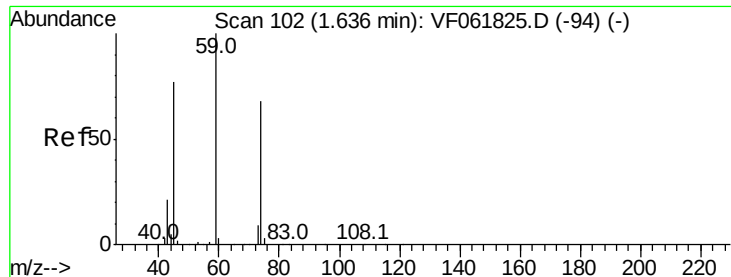
64 100

66 0.0 27.0 40.4#



Abundance Ion 64.00 (63.70 to 64.70): VF0





#8

Diethyl Ether

Concen: 4.544 ug/l

RT: 1.71 min Scan# 110

Delta R.T. 0.08 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

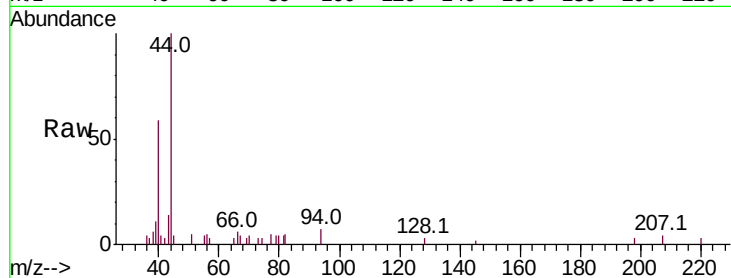
SP-2

Tot Ion: 74 Resp: 143

Ion Ratio Lower Upper

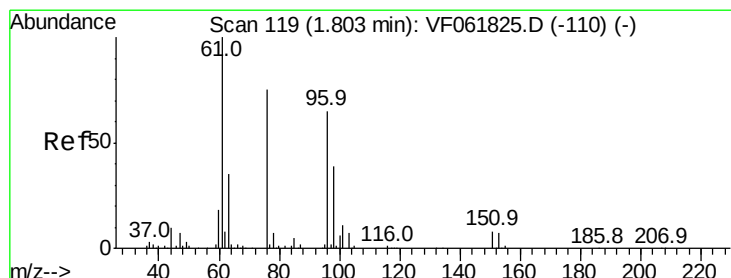
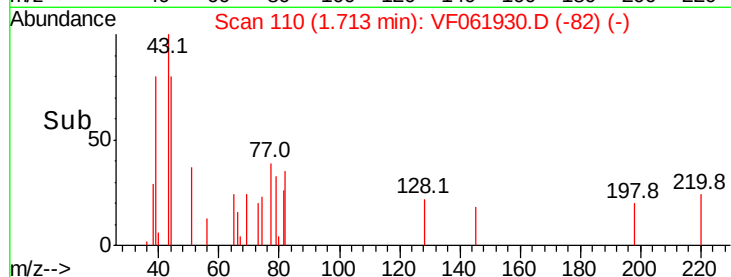
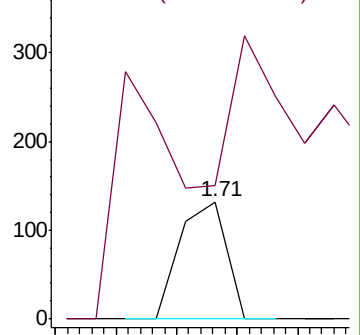
74 100

45 113.6 57.2 171.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#12

1,1-Dichloroethene

Concen: 1.690 ug/l

RT: 1.79 min Scan# 118

Delta R.T. -0.01 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

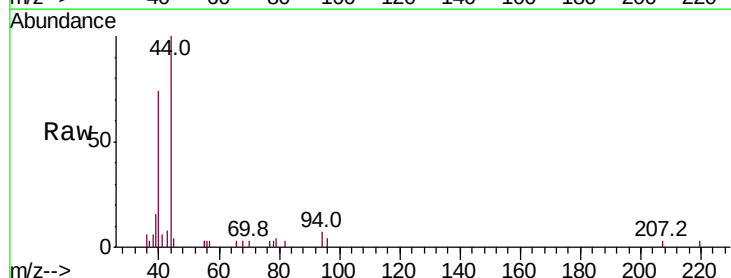
Tgt Ion: 96 Resp: 145

Ion Ratio Lower Upper

96 100

61 0.0 122.5 183.7#

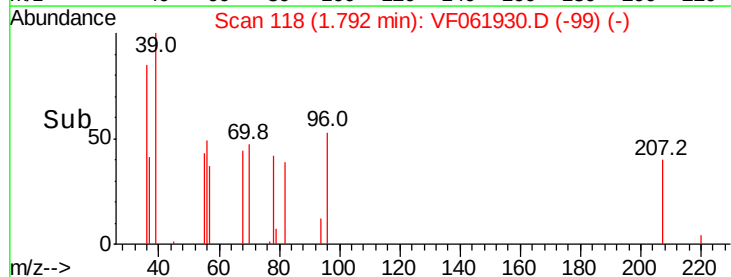
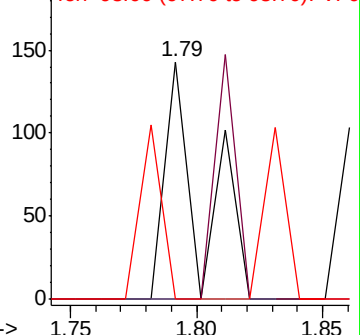
98 0.0 47.1 70.7#

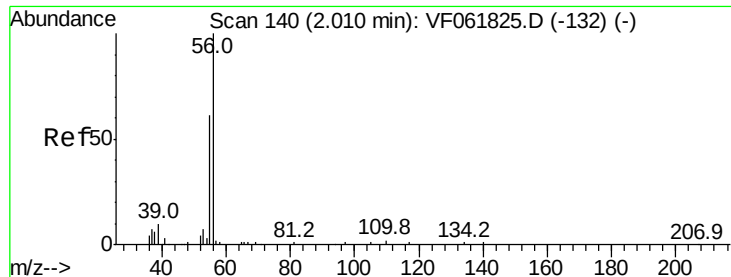


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 33.303 ug/l

RT: 2.01 min Scan# 140

Delta R.T. -0.00 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

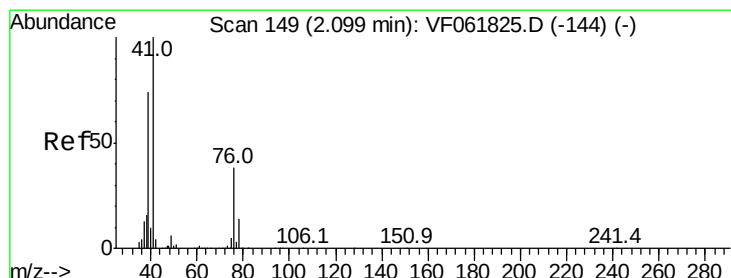
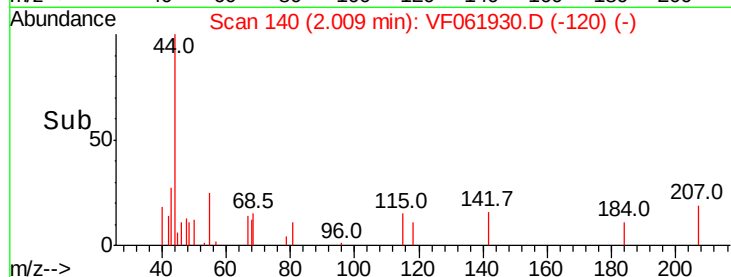
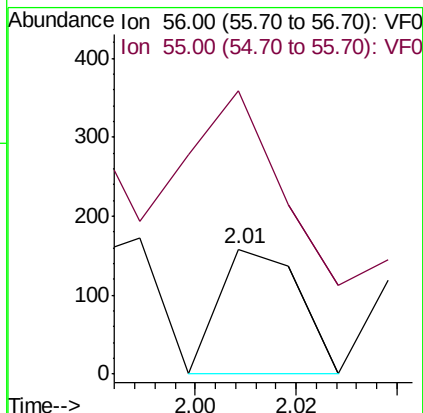
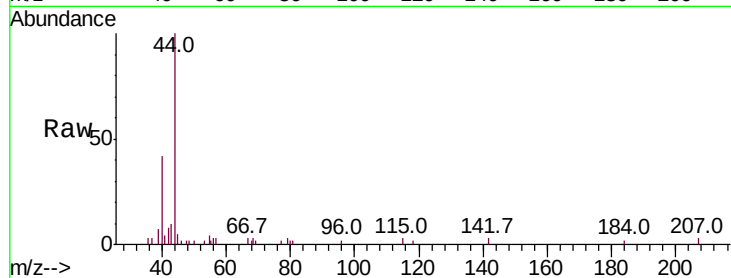
SP-2

Tot Ion: 56 Resp: 175

Ion Ratio Lower Upper

56 100

55 226.6 51.3 76.9#



#14

Allyl chloride

Concen: 4.940 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.00 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

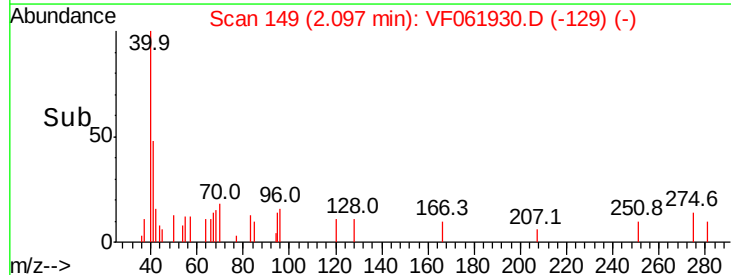
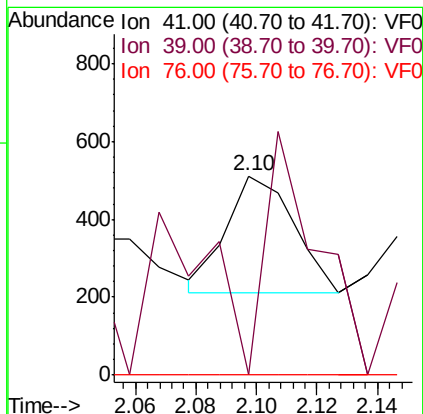
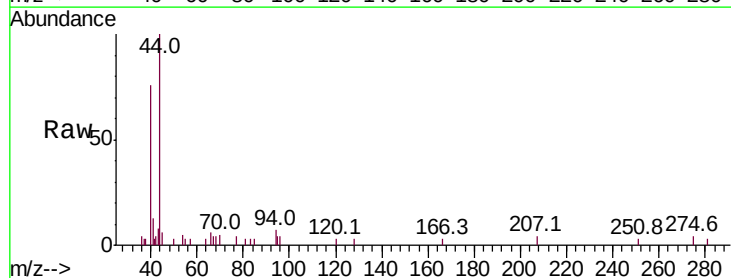
Tgt Ion: 41 Resp: 467

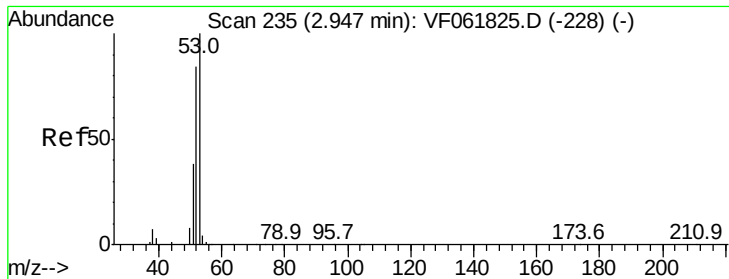
Ion Ratio Lower Upper

41 100

39 0.0 59.6 89.4#

76 0.0 32.3 48.5#





#15

Acrylonitrile

Concen: 23.627 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.01 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

SP-2

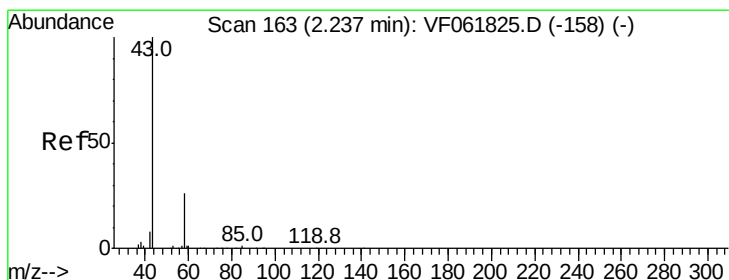
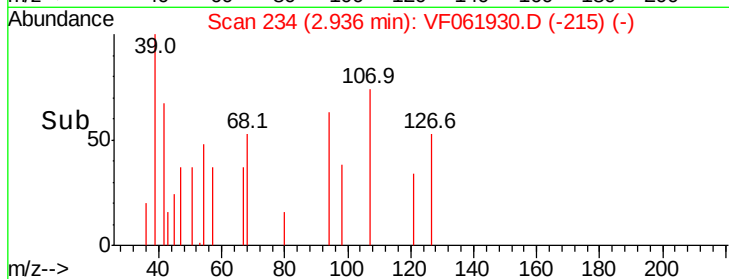
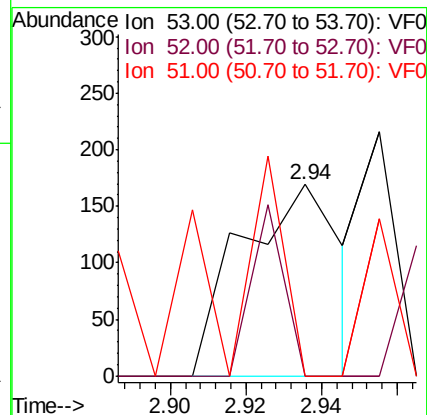
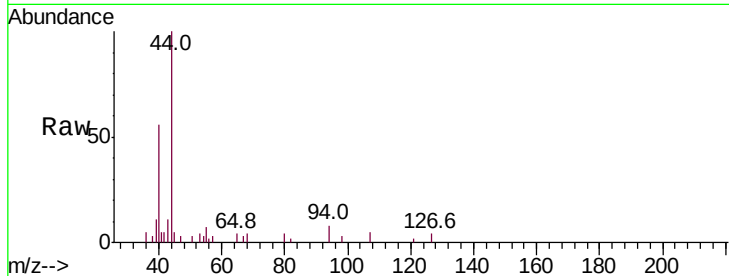
Tot Ion: 53 Resp: 312

Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 0.0 30.7 46.1#



#16

Acetone

Concen: 81.346 ug/l

RT: 2.20 min Scan# 159

Delta R.T. -0.04 min

Lab File: VF061930.D

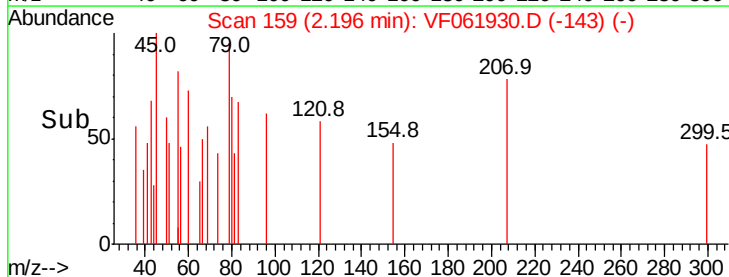
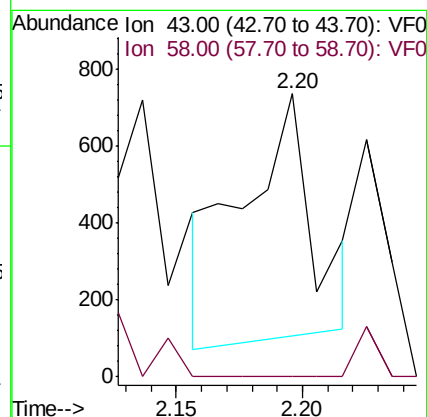
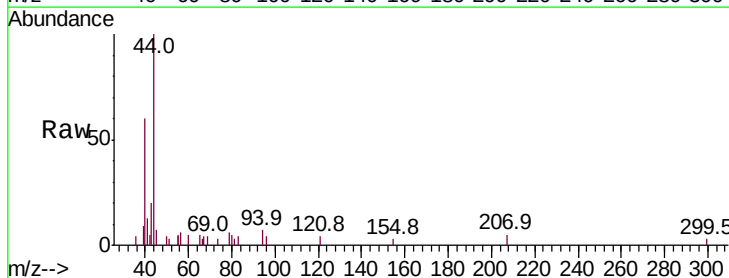
Acq: 13 Mar 2019 16:27

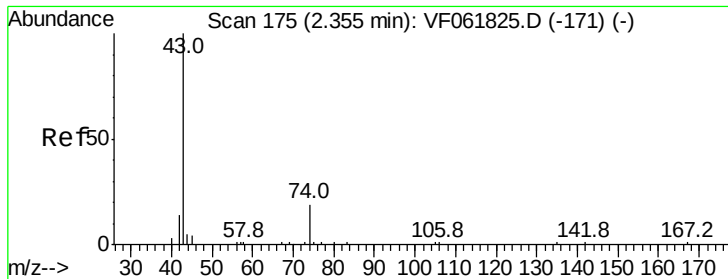
Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

58 0.0 20.3 30.5#





#18

Methyl Acetate

Concen: 34.958 ug/l

RT: 2.36 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

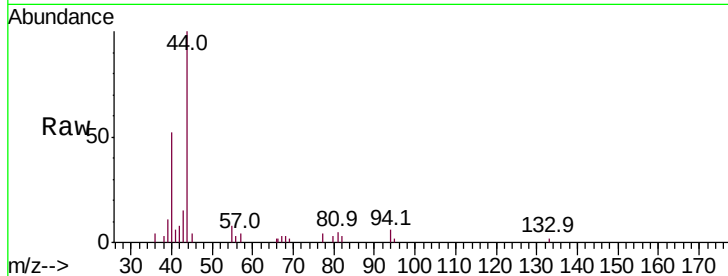
SP-2

Tot Ion: 43 Resp: 1018

Ion Ratio Lower Upper

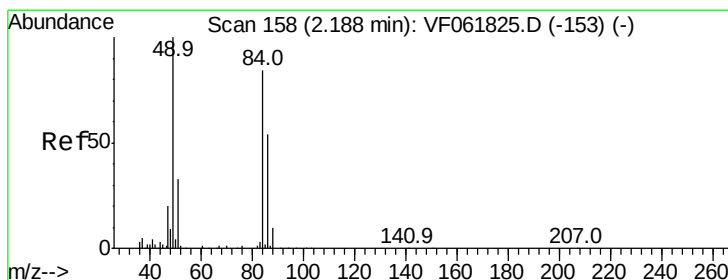
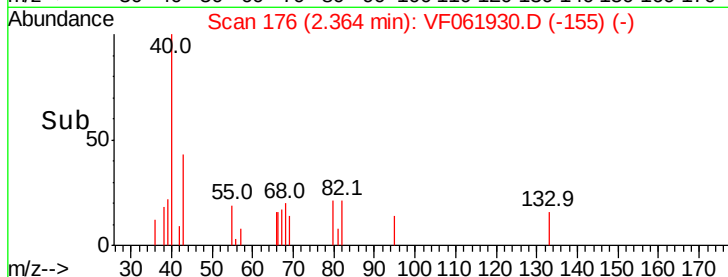
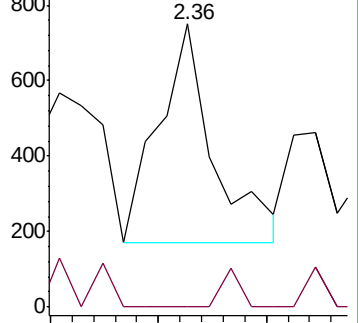
43 100

74 0.0 13.2 19.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Tgt Ion: 84 Resp: 270

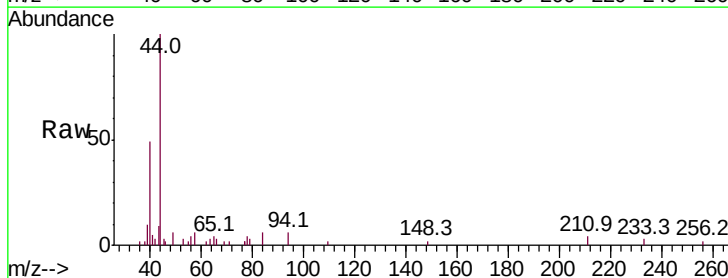
Ion Ratio Lower Upper

84 100

49 103.5 96.8 145.2

51 0.0 31.8 47.6#

86 0.0 51.6 77.4#

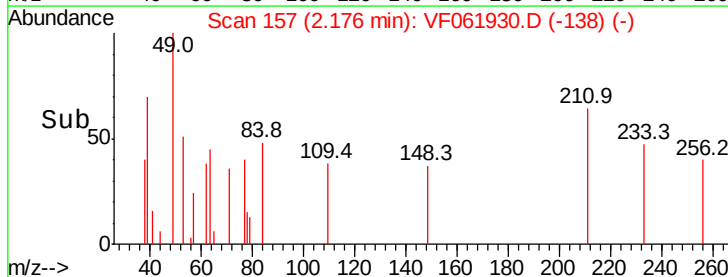
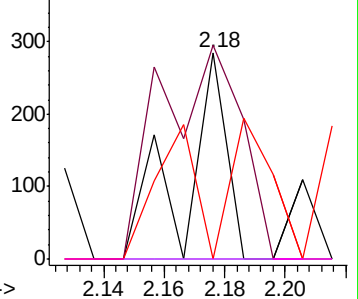


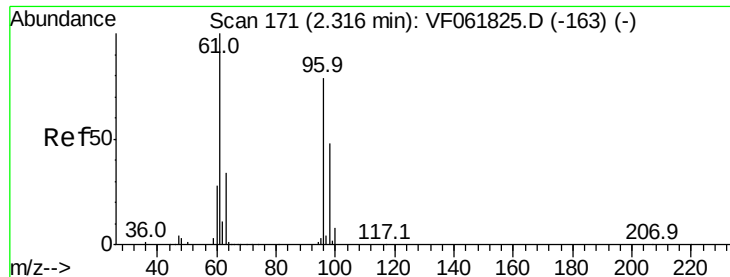
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#21

trans-1,2-Dichloroethene

Concen: 2.142 ug/l

RT: 2.30 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

SP-2

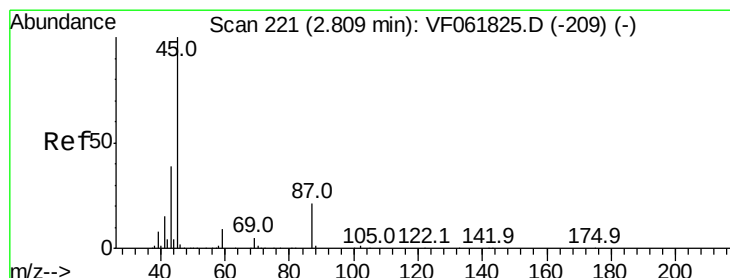
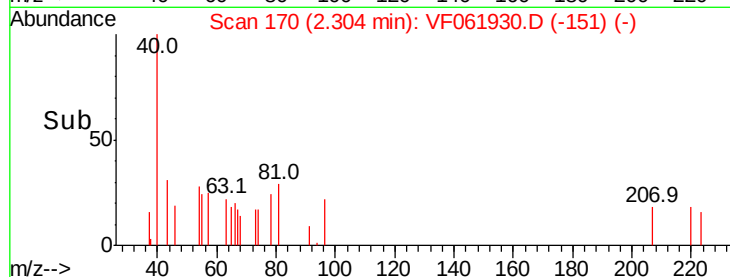
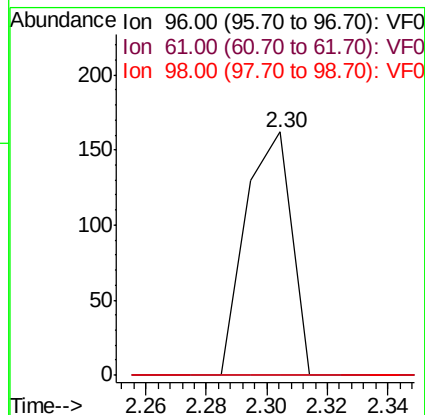
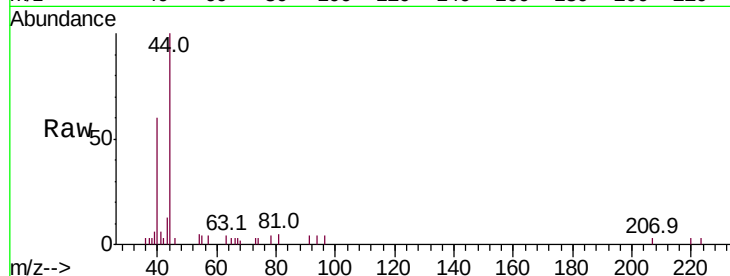
Tot Ion: 96 Resp: 173

Ion Ratio Lower Upper

96 100

61 0.0 101.0 151.6#

98 0.0 48.8 73.2#



#22

Diisopropyl ether

Concen: 3.798 ug/l

RT: 2.78 min Scan# 218

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Tgt Ion: 45 Resp: 934

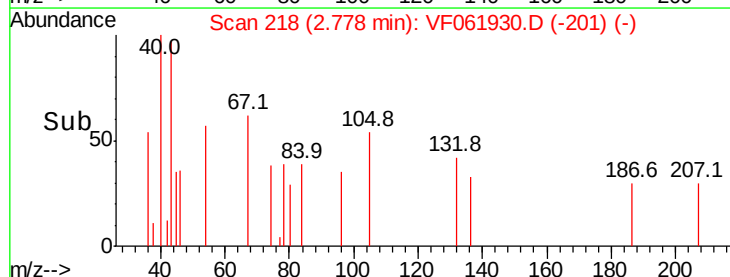
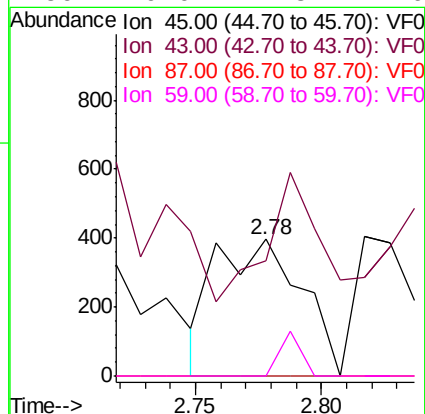
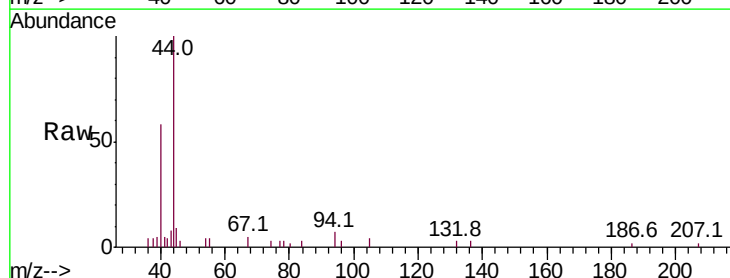
Ion Ratio Lower Upper

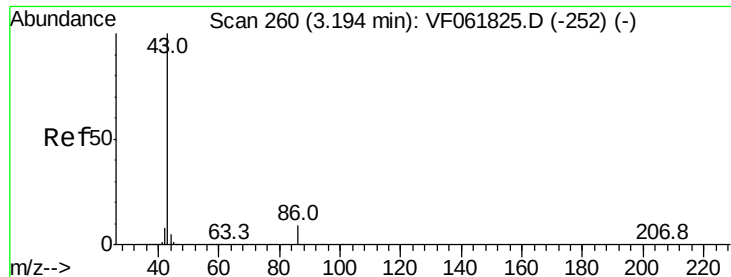
45 100

43 83.9 31.8 47.8#

87 0.0 17.1 25.7#

59 0.0 7.8 11.6#





#23

Vinyl Acetate

Concen: 4.124 ug/l

RT: 3.16 min Scan# 257

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

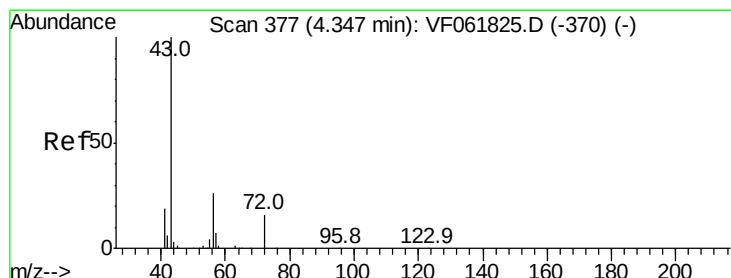
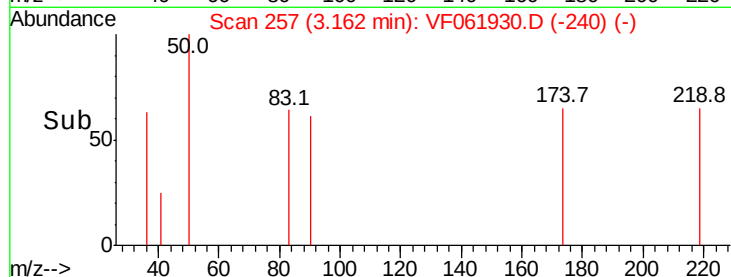
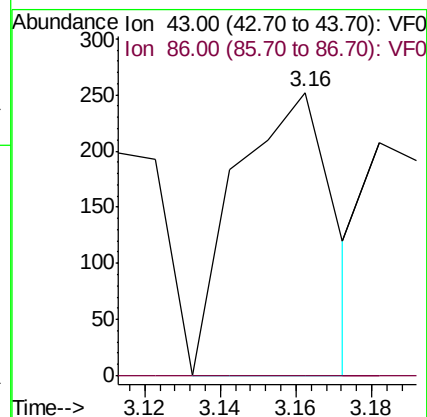
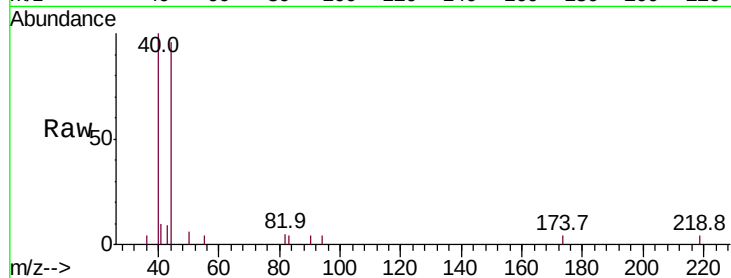
SP-2

Tot Ion: 43 Resp: 453

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.4#



#25

2-Butanone

Concen: 12.110 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.02 min

Lab File: VF061930.D

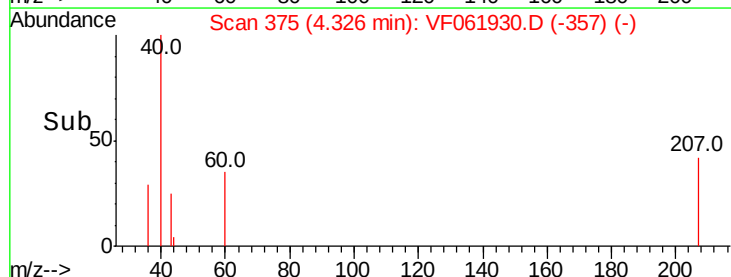
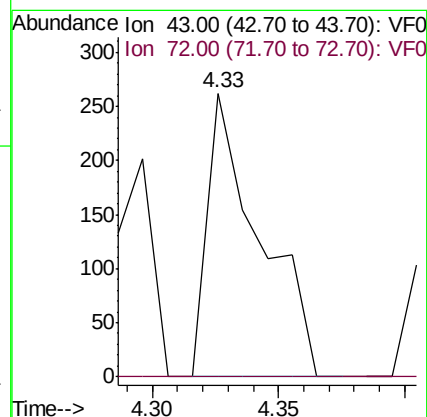
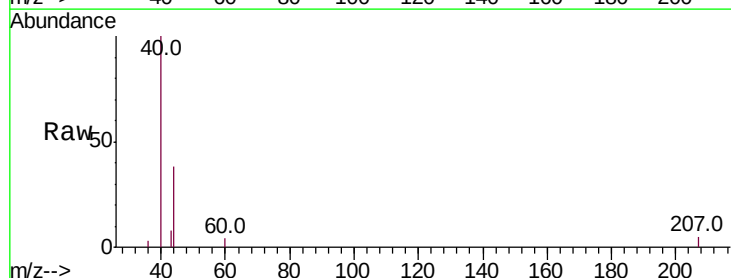
Acq: 13 Mar 2019 16:27

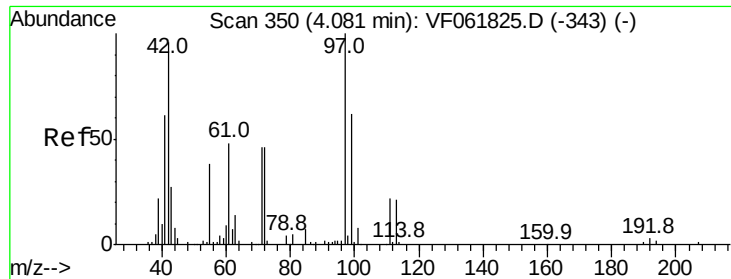
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.4#





#29

Tetrahydrofuran

Concen: 4.543 ug/l

RT: 4.05 min Scan# 347

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

SP-2

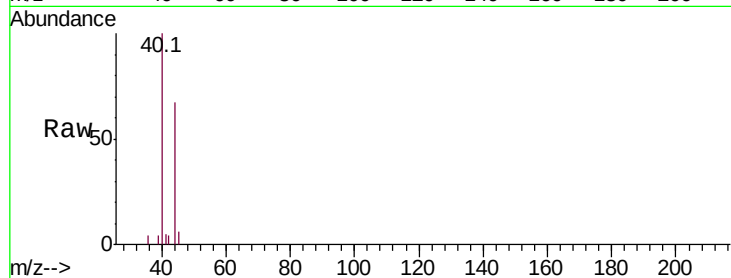
Tot Ion: 42 Resp: 61

Ion Ratio Lower Upper

42 100

72 0.0 34.4 51.6#

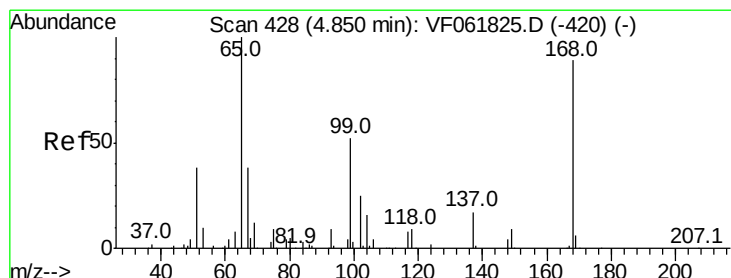
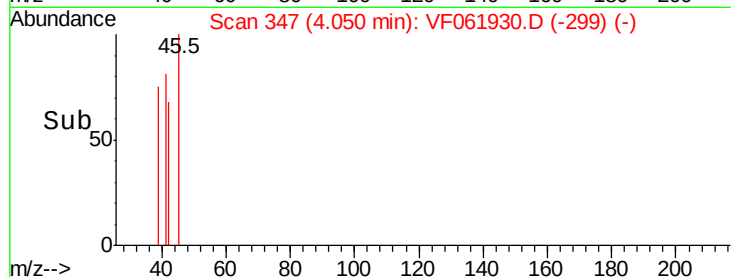
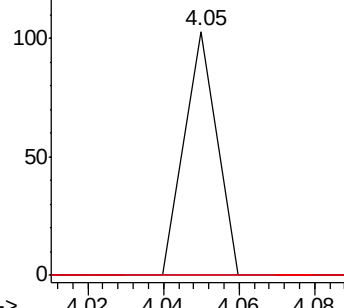
71 0.0 34.6 52.0#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 22.829 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061930.D

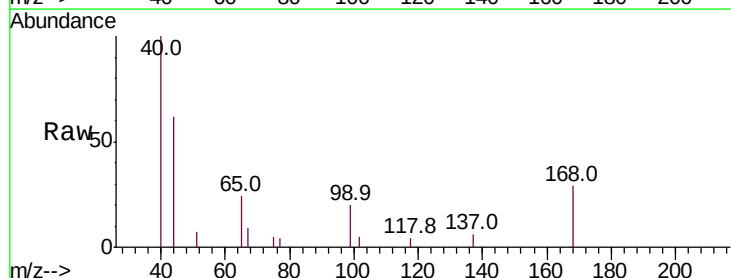
Acq: 13 Mar 2019 16:27

Tgt Ion: 65 Resp: 1668

Ion Ratio Lower Upper

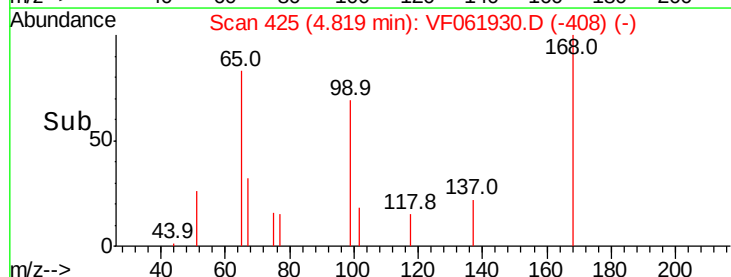
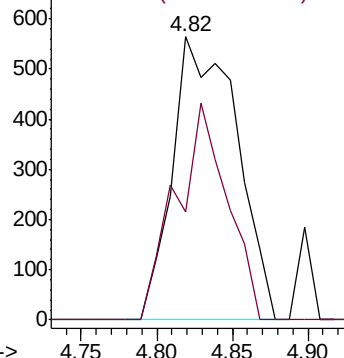
65 100

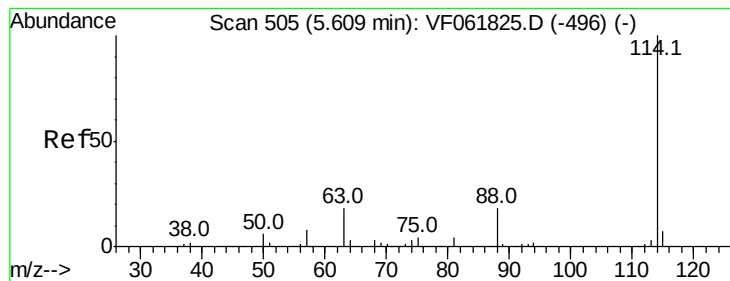
67 38.1 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

SP-2

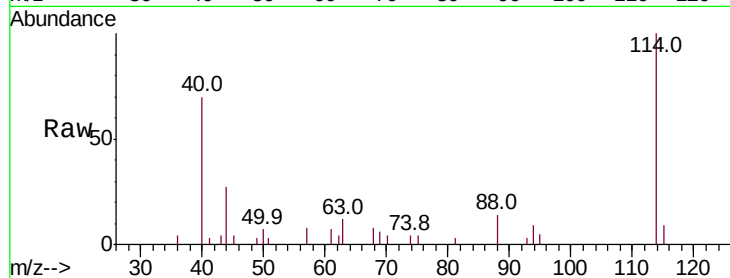
Tot Ion:114 Resp: 11638

Ion Ratio Lower Upper

114 100

63 12.3 0.0 35.6

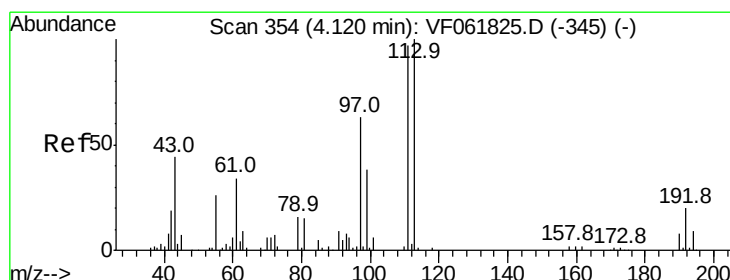
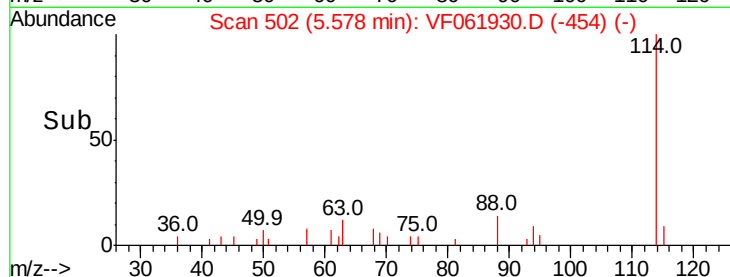
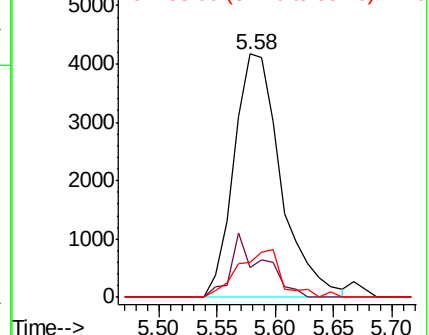
88 14.1 0.0 35.6



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: 41.789 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

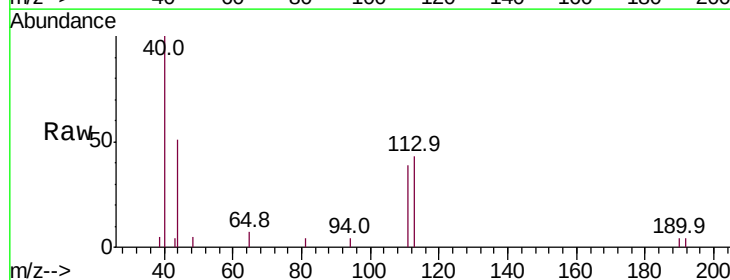
Tgt Ion:113 Resp: 3394

Ion Ratio Lower Upper

113 100

111 89.8 77.6 116.4

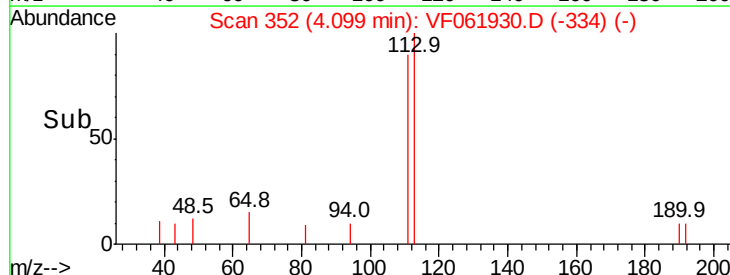
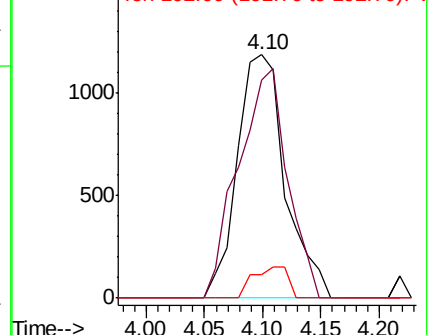
192 9.5 15.9 23.9#

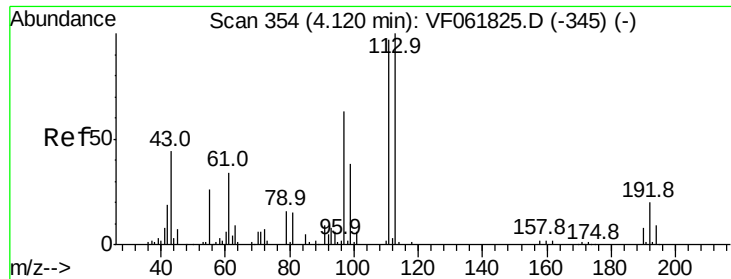


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

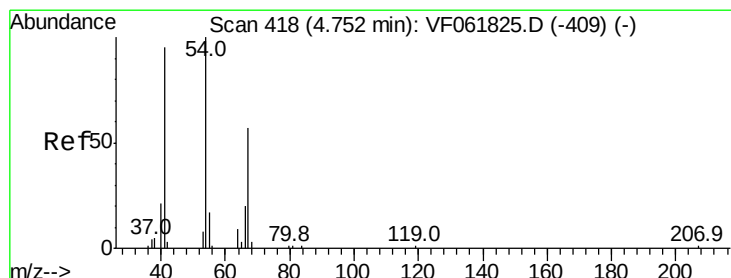
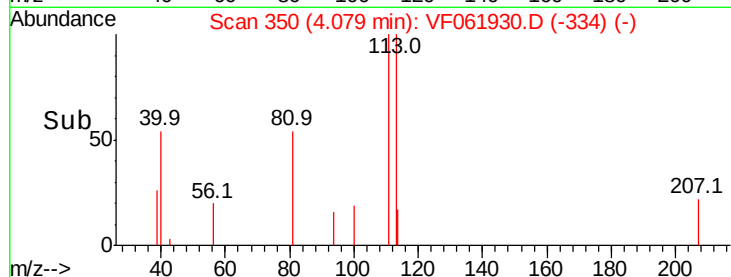
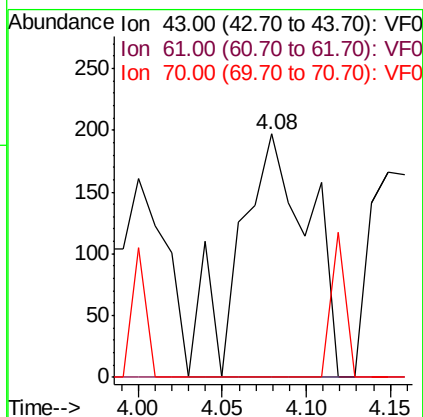
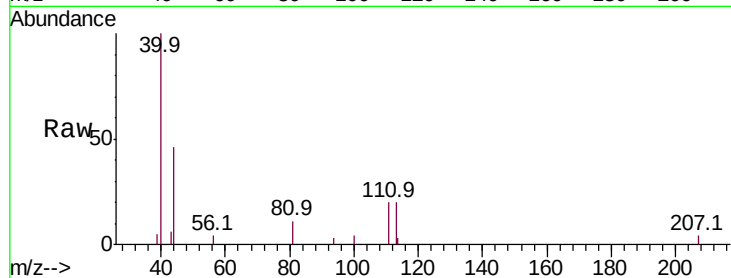




#37
Ethyl Acetate
Concen: 12.635 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF061930.D
Acq: 13 Mar 2019 16:27

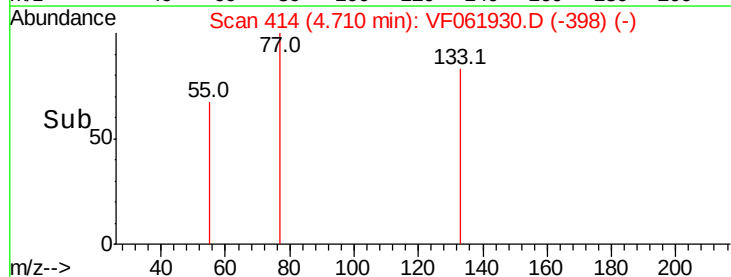
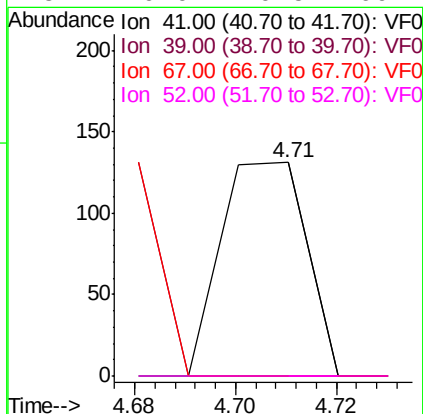
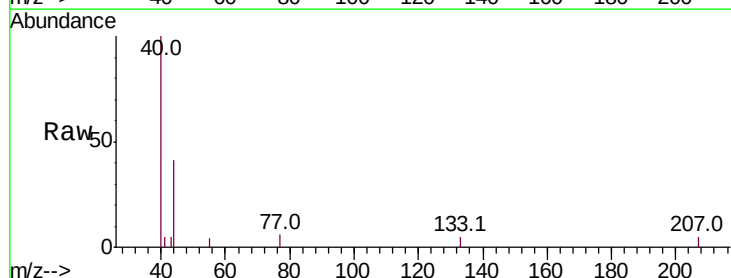
Instrument :
MSVOA_F
ClientSampled :
SP-2

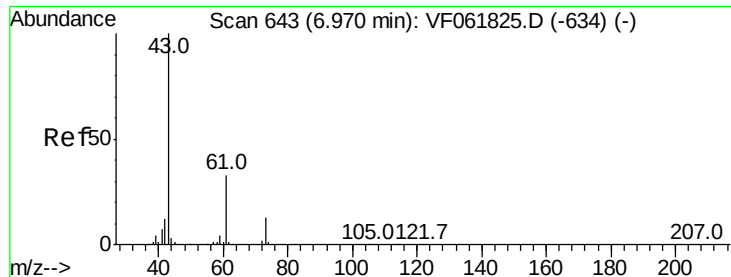
Tot Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
61 0.0 60.7 91.1#
70 0.0 10.6 15.8#



#41
Methacrylonitrile
Concen: 6.091 ug/l
RT: 4.71 min Scan# 414
Delta R.T. -0.04 min
Lab File: VF061930.D
Acq: 13 Mar 2019 16:27

Tgt Ion: 41 Resp: 154
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.6#
67 0.0 47.8 71.8#
52 0.0 40.5 60.7#





#43

Isopropyl Acetate

Concen: 2.303 ug/l

RT: 6.94 min Scan# 640

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampleId :

SP-2

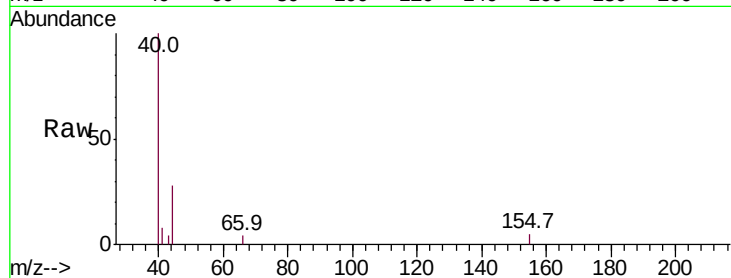
Tot Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

61 0.0 26.1 39.1#

87 0.0 0.0 0.0



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

200

150

100

50

0

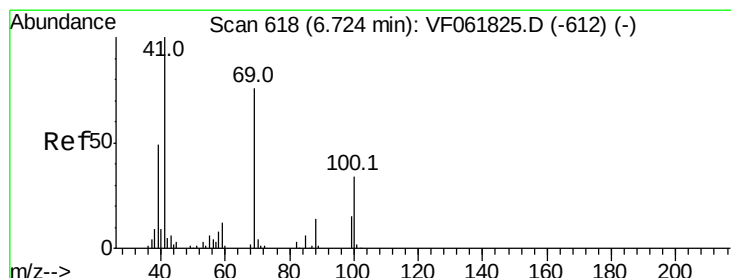
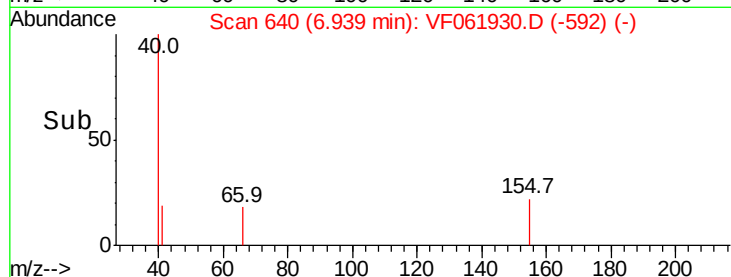
6.92

6.94

6.96

6.98

Time-->



#48

Methyl methacrylate

Concen: 3.334 ug/l

RT: 6.69 min Scan# 615

Delta R.T. -0.03 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

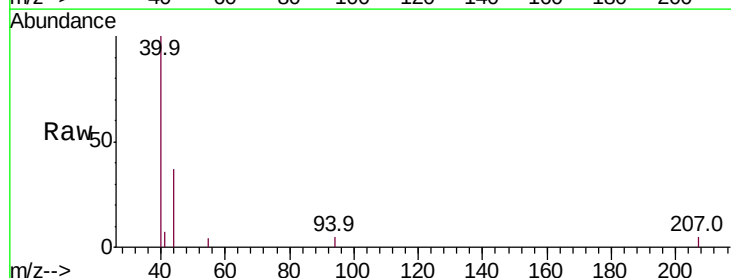
Tgt Ion: 41 Resp: 120

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 0.0 39.7 59.5#



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

250

200

150

100

50

0

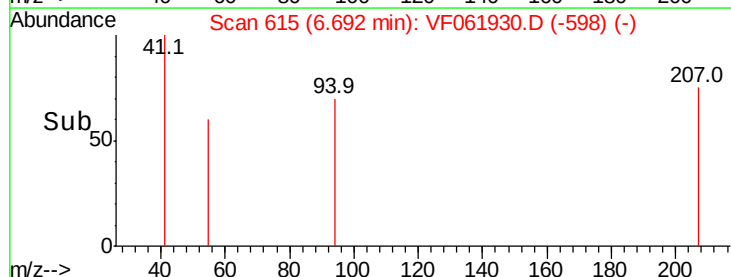
6.66

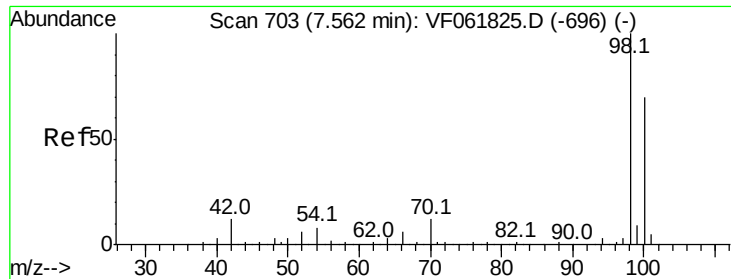
6.68

6.70

6.72

Time-->





#50

Toluene-d8

Concen: 47.911 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

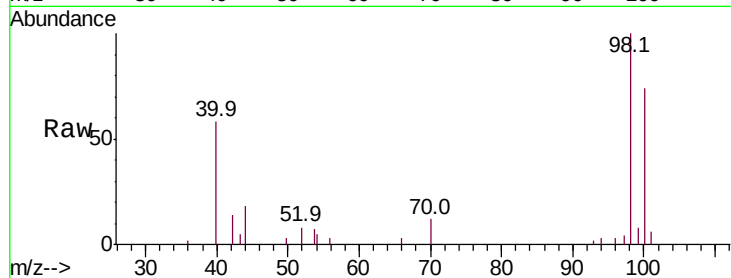
SP-2

Tot Ion: 98 Resp: 11566

Ion Ratio Lower Upper

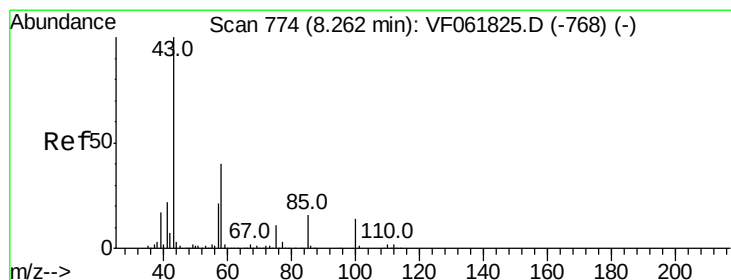
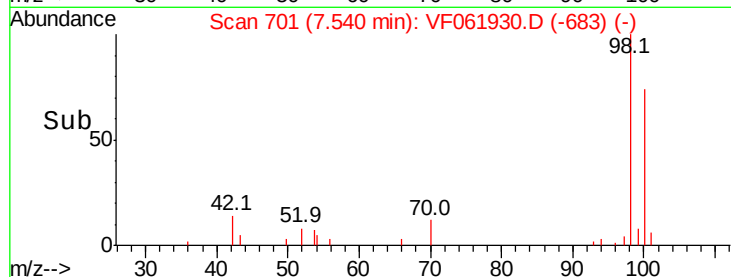
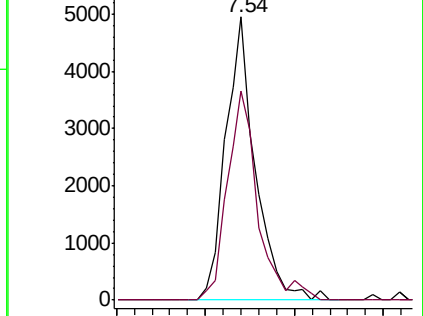
98 100

100 73.9 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#51

4-Methyl-2-Pentanone

Concen: 2.060 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.00 min

Lab File: VF061930.D

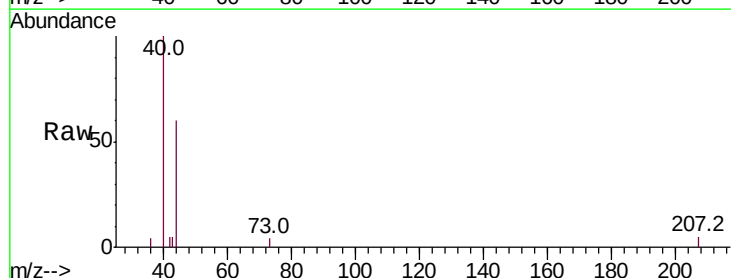
Acq: 13 Mar 2019 16:27

Tgt Ion: 43 Resp: 81

Ion Ratio Lower Upper

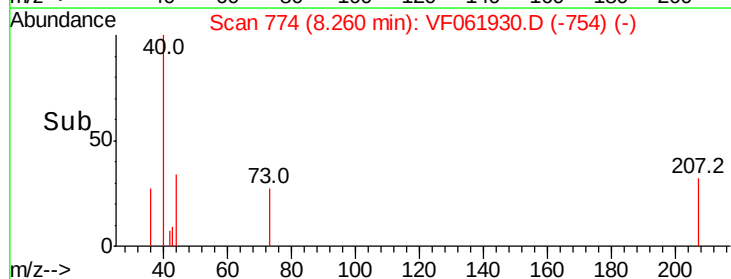
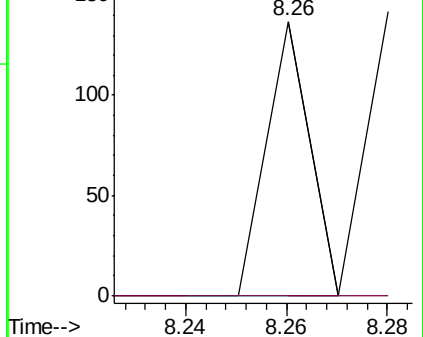
43 100

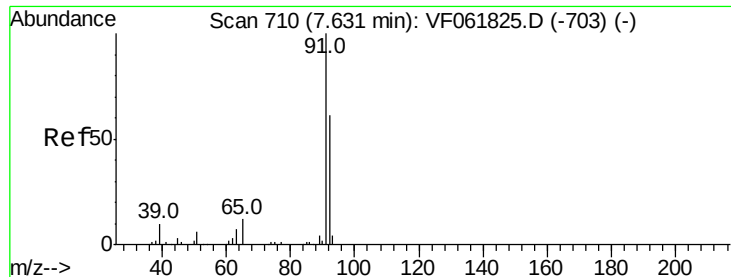
58 0.0 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 1.335 ug/l

RT: 7.59 min Scan# 706

Delta R.T. -0.04 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

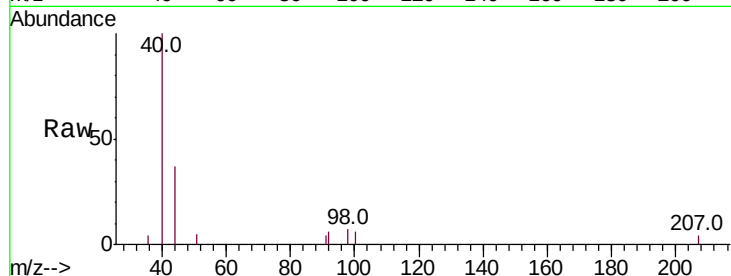
SP-2

Tot Ion: 92 Resp: 227

Ion Ratio Lower Upper

92 100

91 68.6 132.0 198.0#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

250

200

150

100

50

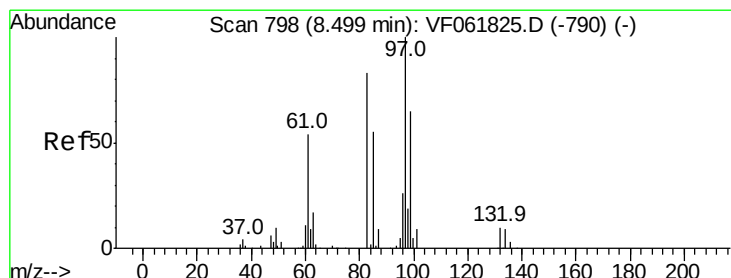
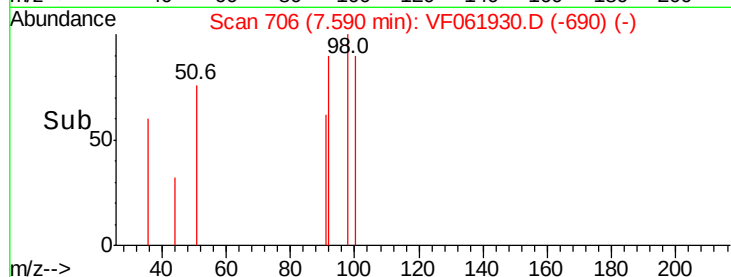
0

7.55

7.60

7.65

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.654 ug/l

RT: 8.30 min Scan# 778

Delta R.T. -0.20 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Tgt Ion: 97 Resp: 81

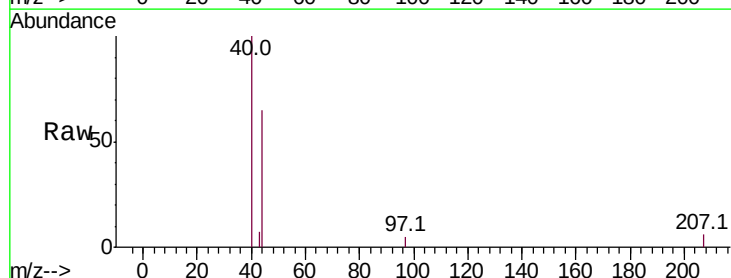
Ion Ratio Lower Upper

97 100

83 0.0 66.5 99.7#

85 0.0 44.2 66.2#

99 0.0 51.8 77.6#



Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0

200

150

100

50

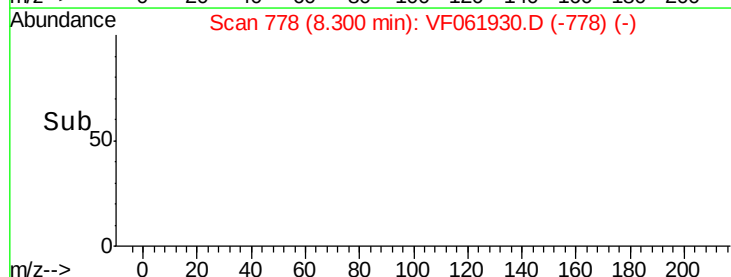
0

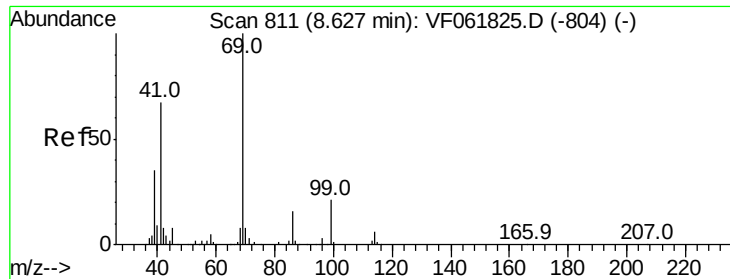
8.28

8.30

8.32

Time-->





#56

Ethyl methacrylate

Concen: 1.540 ug/l

RT: 8.62 min Scan# 810

Delta R.T. -0.01 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

SP-2

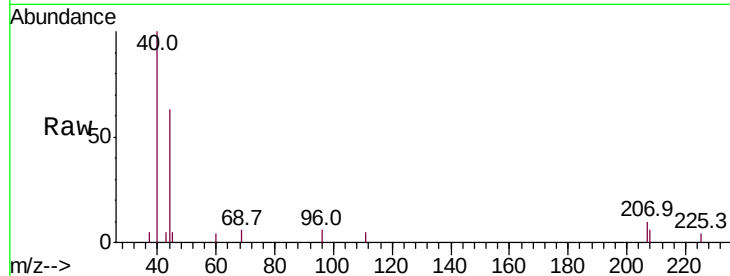
Tot Ion: 69 Resp: 85

Ion Ratio Lower Upper

69 100

41 0.0 53.9 80.9#

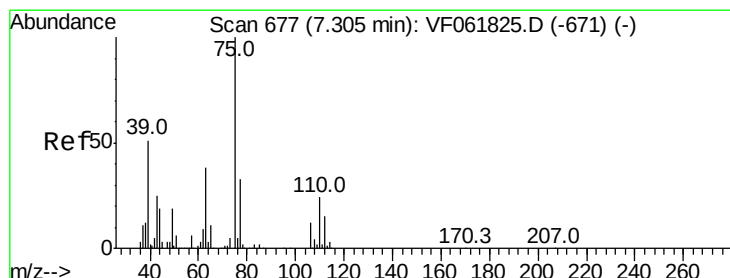
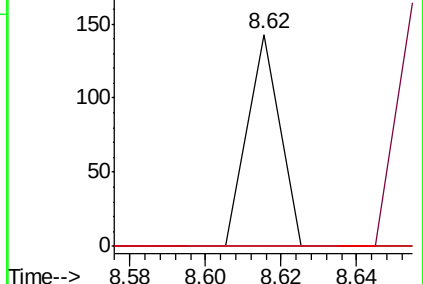
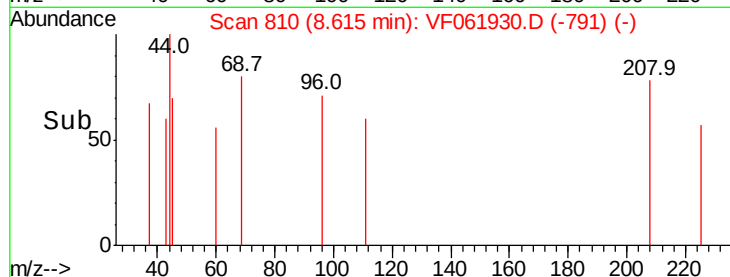
39 0.0 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 6.871 ug/l

RT: 7.22 min Scan# 669

Delta R.T. -0.08 min

Lab File: VF061930.D

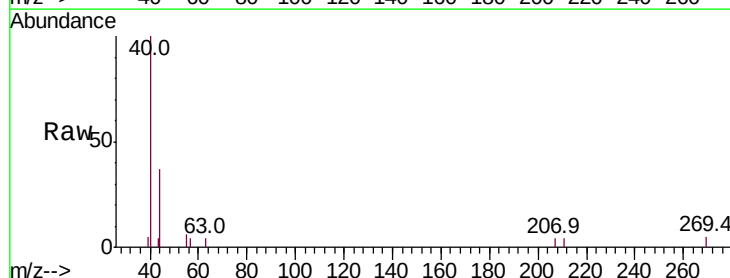
Acq: 13 Mar 2019 16:27

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

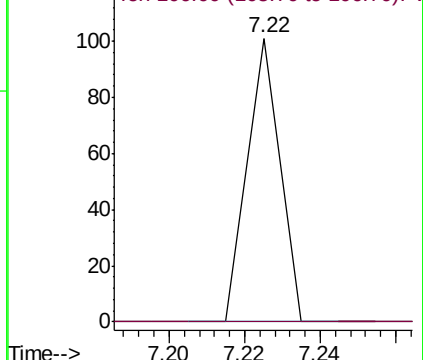
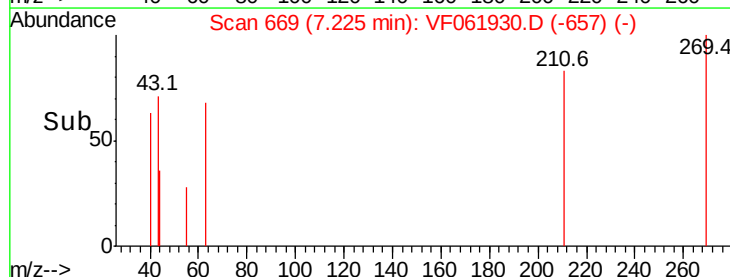
63 100

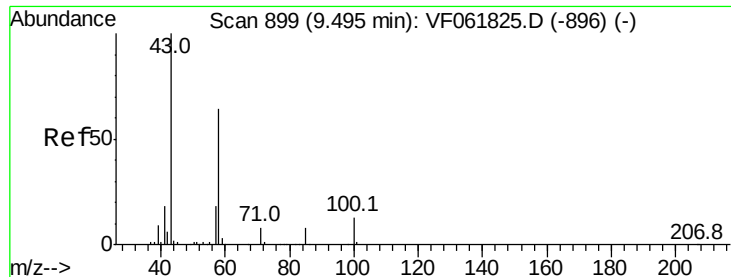
106 0.0 24.3 36.5#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

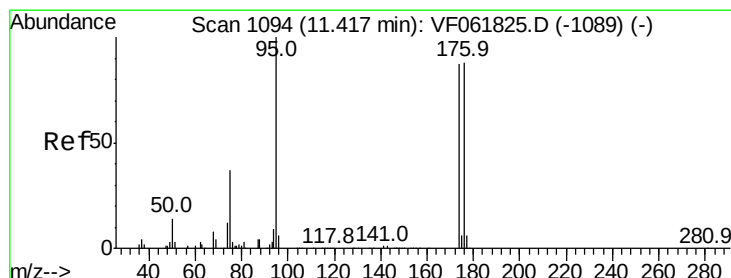
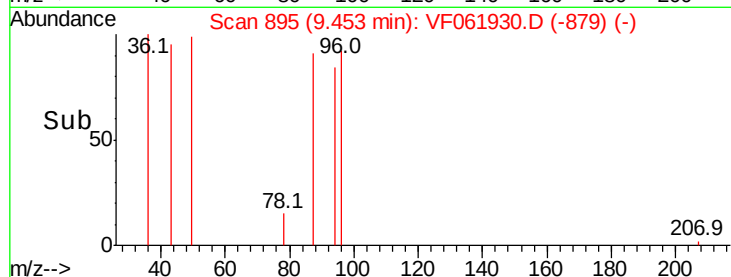
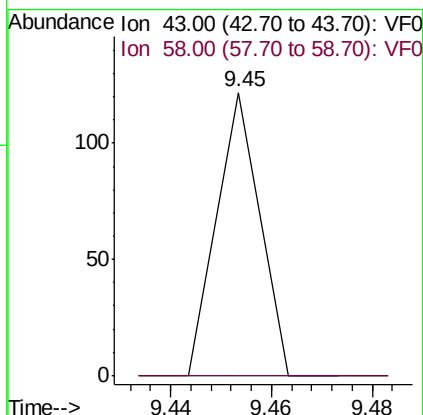
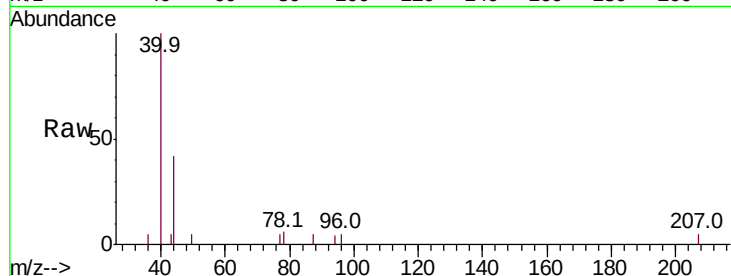




#59
2-Hexanone
Concen: 2.539 ug/l
RT: 9.45 min Scan# 895
Delta R.T. -0.04 min
Lab File: VF061930.D
Acq: 13 Mar 2019 16:27

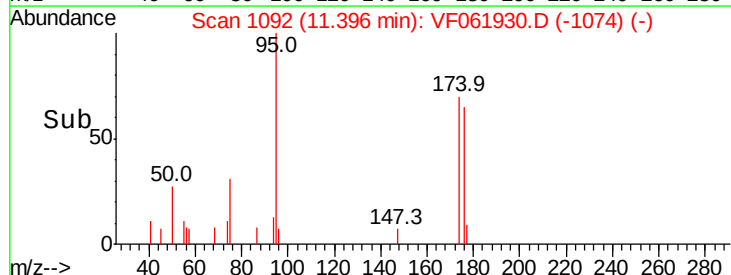
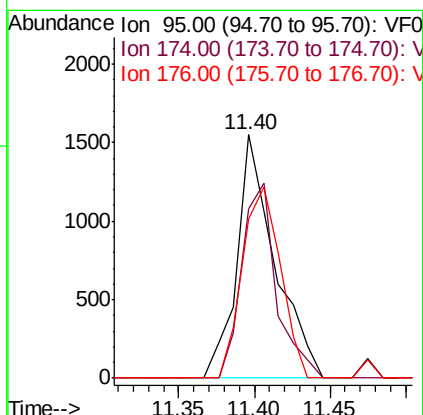
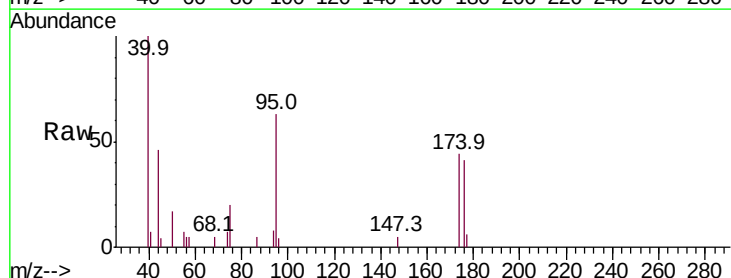
Instrument :
MSVOA_F
ClientSampled :
SP-2

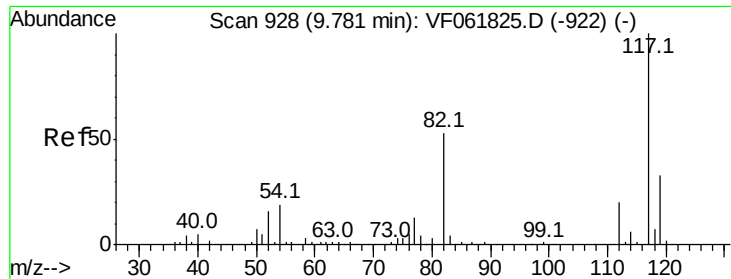
Tot Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: 28.552 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061930.D
Acq: 13 Mar 2019 16:27

Tgt Ion: 95 Resp: 2700
Ion Ratio Lower Upper
95 100
174 69.5 0.0 174.0
176 65.2 0.0 175.2

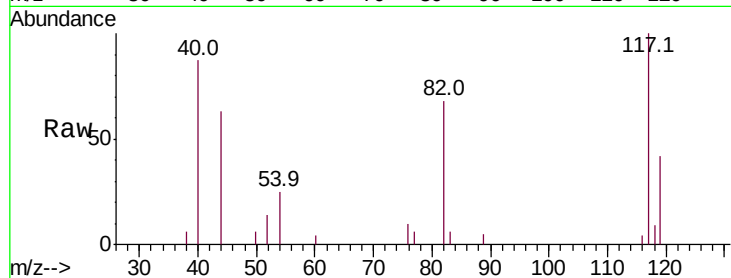




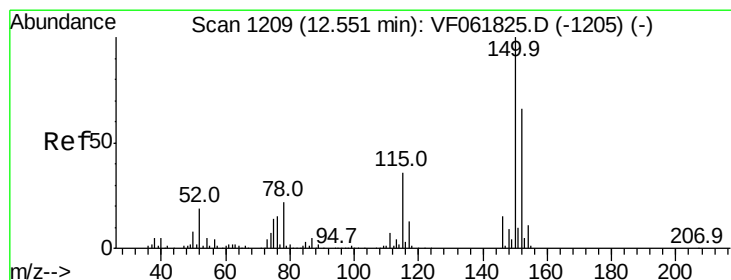
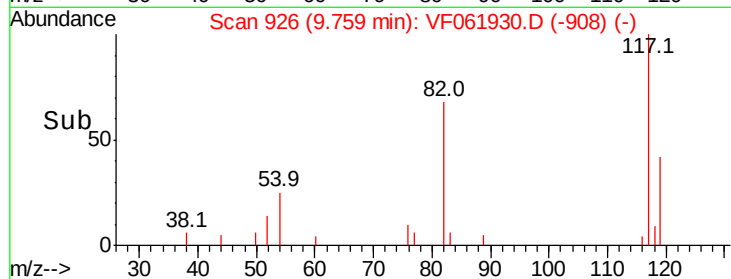
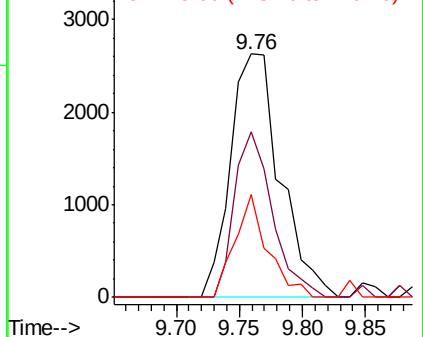
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061930.D
Acq: 13 Mar 2019 16:27

Instrument :
MSVOA_F
ClientSampleId :
SP-2

Tot Ion:117 Resp: 7211
Ion Ratio Lower Upper
117 100
82 68.2 42.6 63.8#
119 42.2 26.0 39.0#

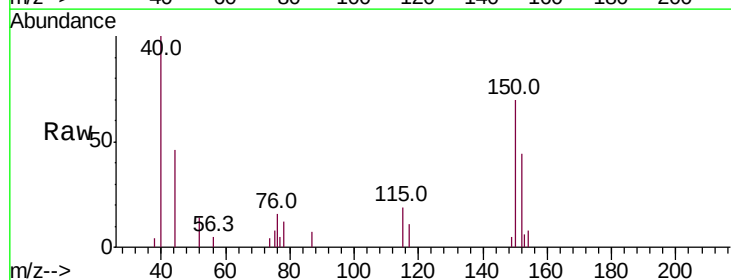


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

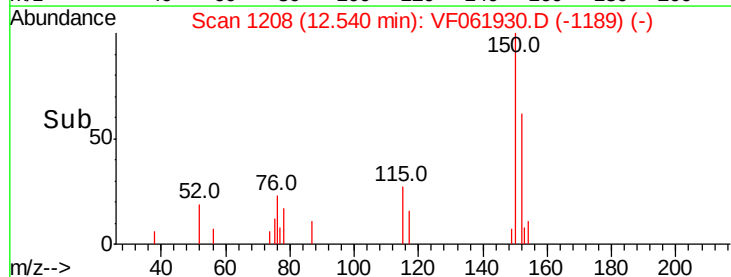
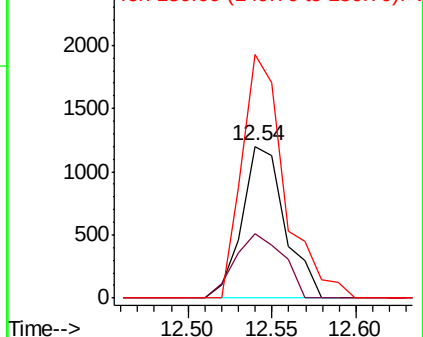


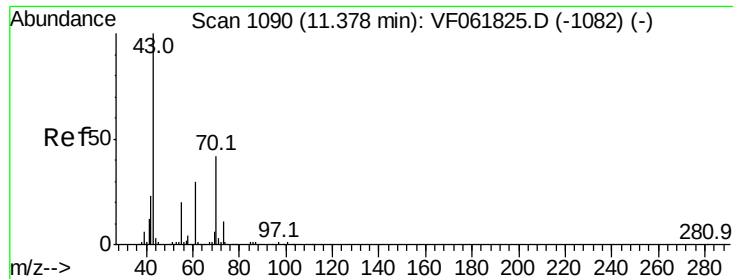
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061930.D
Acq: 13 Mar 2019 16:27

Tgt Ion:152 Resp: 2126
Ion Ratio Lower Upper
152 100
115 42.6 27.7 83.1
150 160.5 0.0 304.2



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-amyl acetate

Concen: 8.221 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

SP-2

Tot Ion: 43 Resp: 277

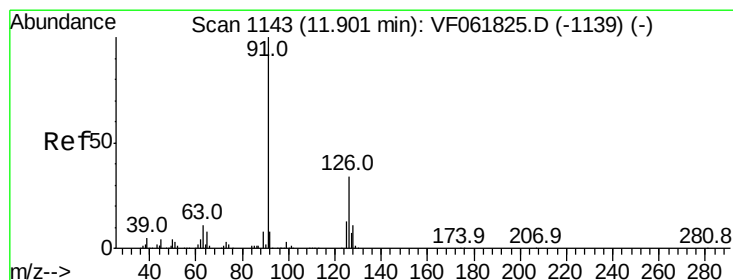
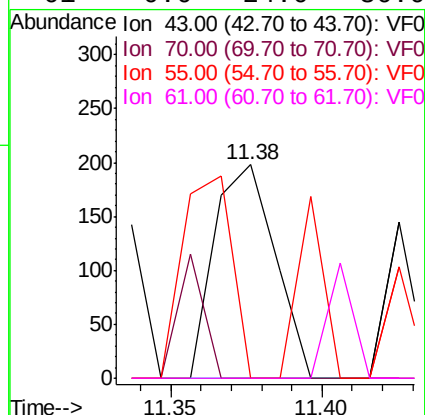
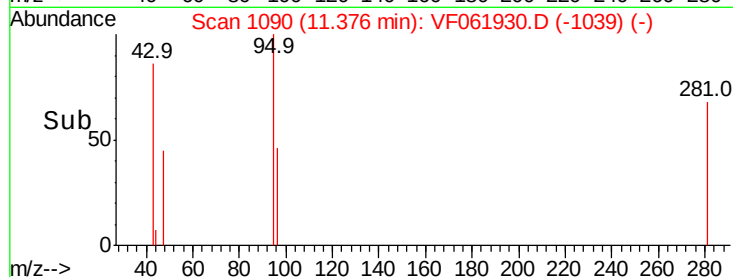
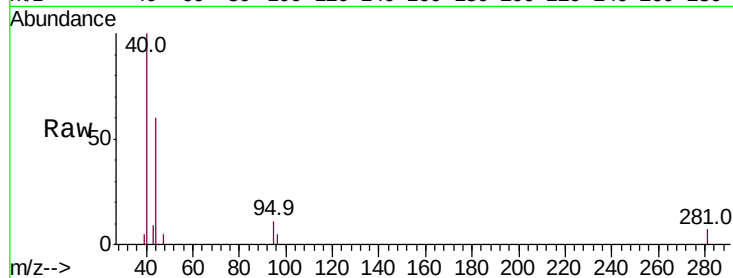
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 16.3 24.5#

61 0.0 24.0 36.0#



#82

4-Chlorotoluene

Concen: 1.293 ug/l

RT: 11.94 min Scan# 1147

Delta R.T. 0.04 min

Lab File: VF061930.D

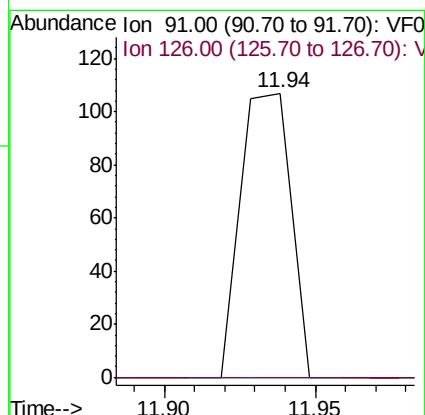
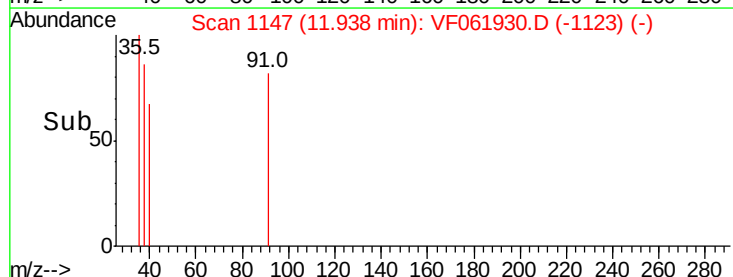
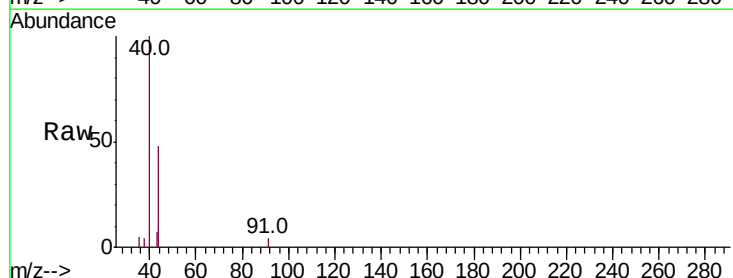
Acq: 13 Mar 2019 16:27

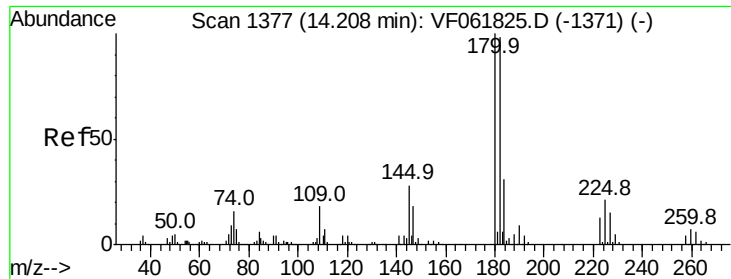
Tgt Ion: 91 Resp: 125

Ion Ratio Lower Upper

91 100

126 0.0 17.0 50.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.463 ug/l

RT: 14.19 min Scan# 1375

Delta R.T. -0.02 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

Instrument :

MSVOA_F

ClientSampled :

SP-2

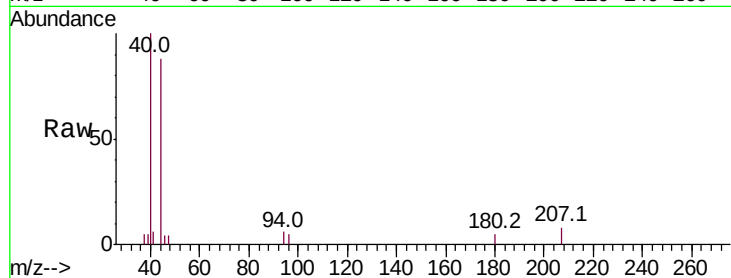
Tot Ion:180 Resp: 65

Ion Ratio Lower Upper

180 100

182 0.0 49.0 147.2#

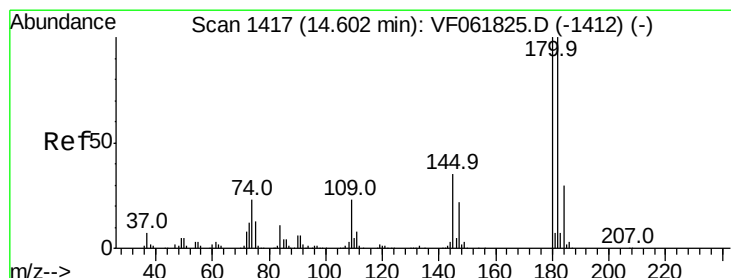
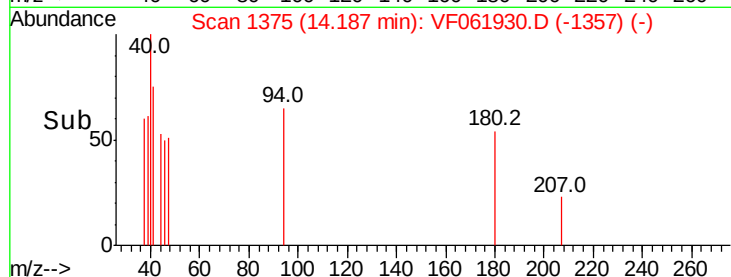
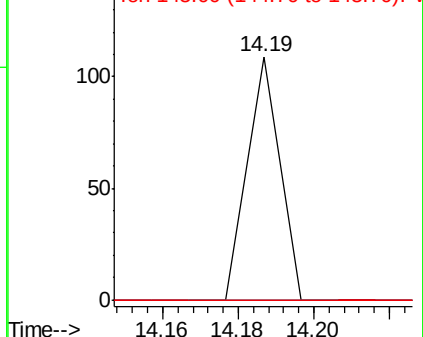
145 0.0 14.1 42.4#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.463 ug/l

RT: 14.60 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VF061930.D

Acq: 13 Mar 2019 16:27

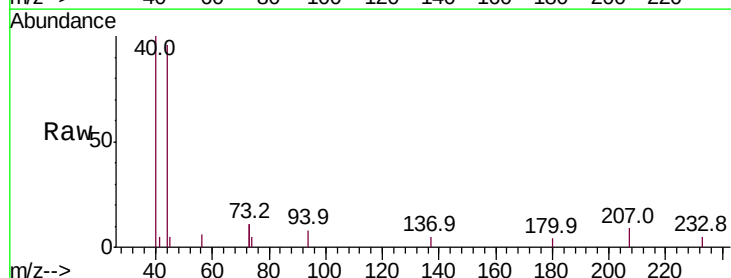
Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 50.2 150.7#

145 0.0 17.5 52.5#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

