

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060857.D
 Acq On : 28 Nov 2018 15:39
 Operator : VA/AP
 Sample : J6080-04RE
 Misc : 11.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RCA-07RE

Quant Time: Nov 29 03:29:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	941	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.62	114	920	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	475	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.57

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	118	10.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	21.28%	
35) Dibromofluoromethane	4.14	113	74	10.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	20.28%	
50) Toluene-d8	7.58	98	823	38.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	76.56%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.89	85	64	4.55	ug/l #	41
3) Chloromethane	1.14	50	76	8.30	ug/l #	41
4) Vinyl Chloride	1.15	62	66	7.73	ug/l #	42
5) Bromomethane	1.43	94	91	15.11	ug/l	93
6) Chloroethane	1.44	64	72	19.50	ug/l #	40
8) Diethyl Ether	1.51	74	67	25.43	ug/l	52
11) Tert butyl alcohol	2.67	59	124	272.88	ug/l #	62
12) 1,1-Dichloroethene	1.83	96	140	18.79	ug/l #	1
13) Acrolein	1.95	56	853	1981.23	ug/l	83
14) Allyl chloride	2.14	41	1073	115.54	ug/l #	42
15) Acrylonitrile	2.94	53	440	431.90	ug/l #	11
16) Acetone	2.28	43	686	335.58	ug/l	97
17) Carbon Disulfide	1.86	76	77	3.85	ug/l #	1
18) Methyl Acetate	2.35	43	466	138.81	ug/l #	61
19) Methyl tert-butyl Ether	2.46	73	124	7.39	ug/l #	14
20) Methylene Chloride	2.24	84	231	30.80	ug/l #	10
21) trans-1,2-Dichloroethene	2.32	96	118	16.43	ug/l #	1
22) Diisopropyl ether	2.79	45	220	8.70	ug/l #	23
23) Vinyl Acetate	3.20	43	343	29.68	ug/l #	80
24) 1,1-Dichloroethane	2.89	63	76	5.05	ug/l #	86
25) 2-Butanone	4.36	43	263	74.38	ug/l #	57
26) 2,2-Dichloropropane	3.66	77	87	8.92	ug/l #	60
27) cis-1,2-Dichloroethene	3.54	96	76	6.50	ug/l	1
29) Tetrahydrofuran	4.09	42	181	120.77	ug/l #	37
30) Chloroform	3.86	83	63	2.72	ug/l #	17
31) Cyclohexane	3.71	56	137	8.78	ug/l #	15
32) 1,1,1-Trichloroethane	4.18	97	69	4.30	ug/l #	22
37) Ethyl Acetate	4.12	43	241	58.12	ug/l #	14
38) Carbon Tetrachloride	3.87	117	70	7.77	ug/l #	13
40) Benzene	4.60	78	73	3.24	ug/l #	52
41) Methacrylonitrile	4.72	41	361	178.08	ug/l #	53
43) Isopropyl Acetate	6.95	43	175	33.30	ug/l #	49
45) 1,2-Dichloropropane	6.20	63	60	10.25	ug/l #	46
48) Methyl methacrylate	6.70	41	176	46.89	ug/l #	35

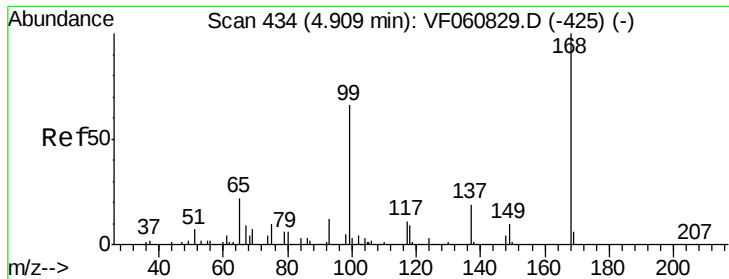
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
Data File : VF060857.D
Acq On : 28 Nov 2018 15:39
Operator : VA/AP
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	8.31	43	196	51.26	ug/l #	38
59) 2-Hexanone	9.46	43	329	122.63	ug/l #	27

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

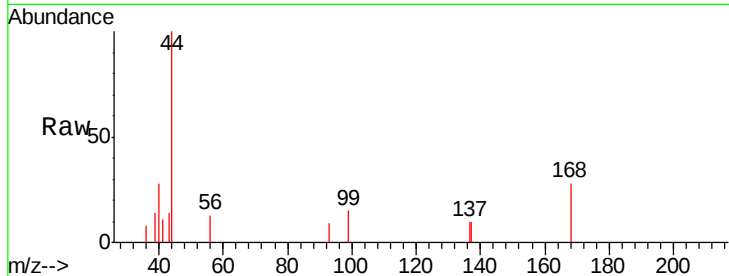
RCA-07RE

Tgt Ion: 168 Resp: 941

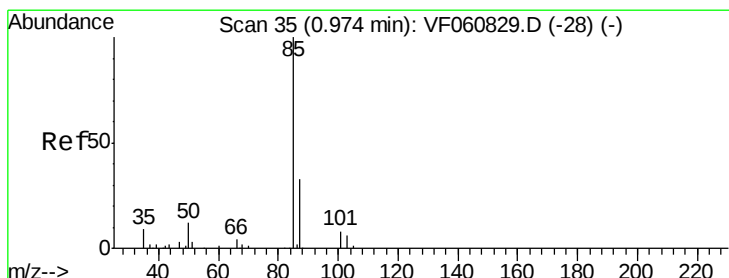
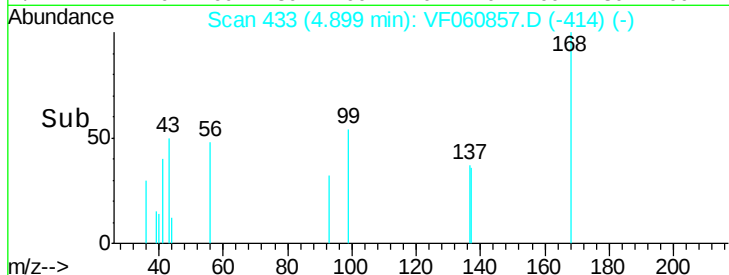
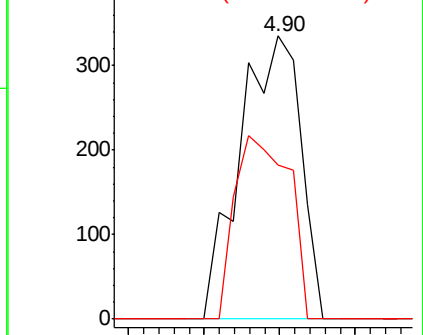
Ion Ratio Lower Upper

168 100

99 54.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 4.55 ug/l

RT: 0.89 min Scan# 27

Delta R.T. -0.08 min

Lab File: VF060857.D

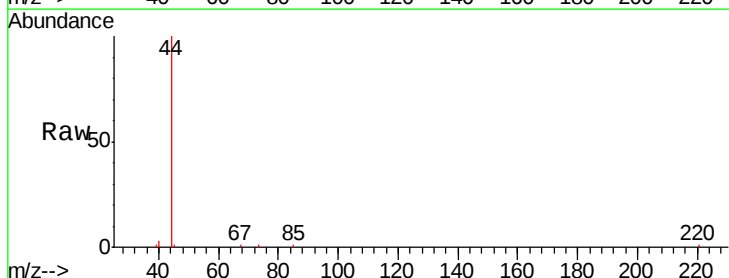
Acq: 28 Nov 2018 15:39

Tgt Ion: 85 Resp: 64

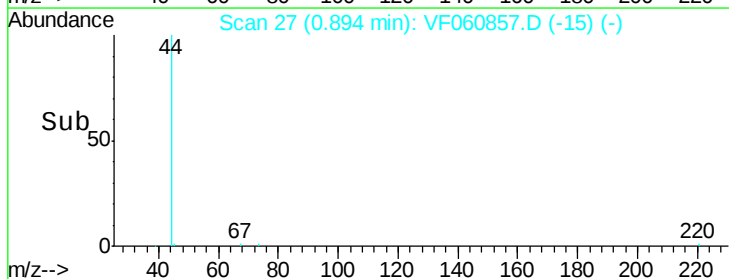
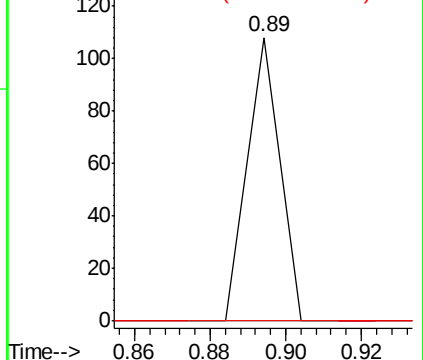
Ion Ratio Lower Upper

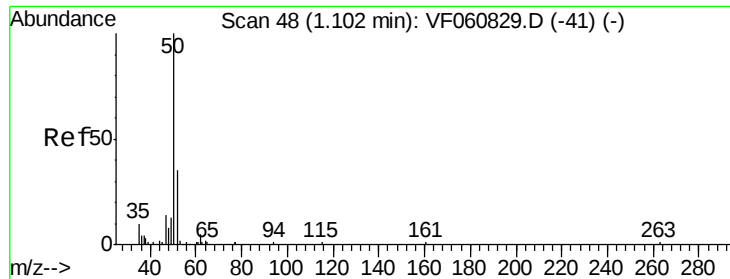
85 100

87 0.0 16.7 50.0#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 8.30 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.04 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

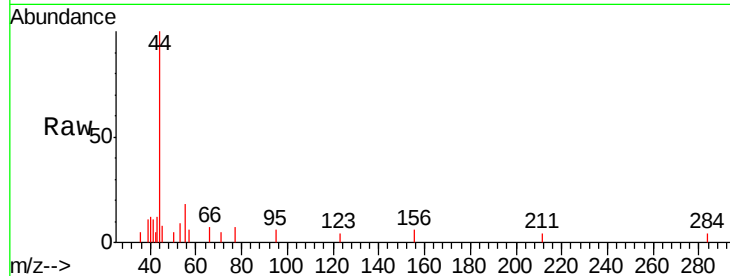
RCA-07RE

Tgt Ion: 50 Resp: 76

Ion Ratio Lower Upper

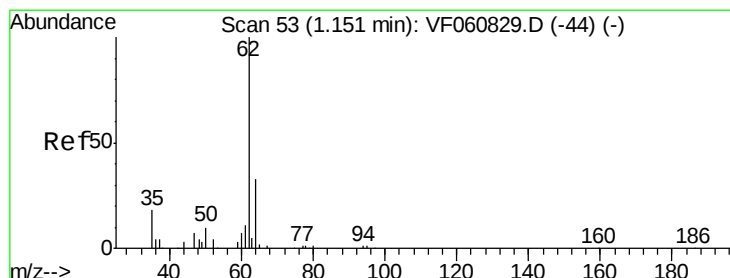
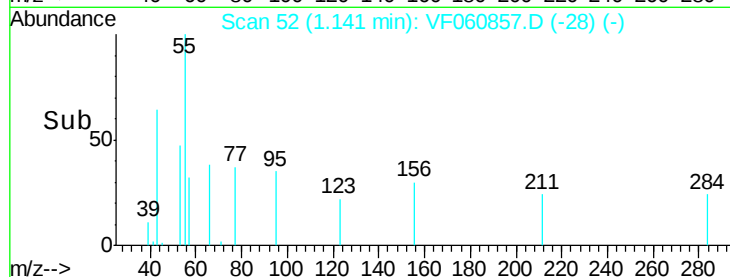
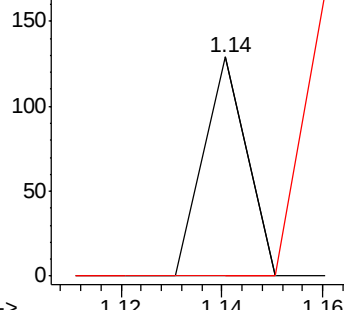
50 100

52 0.0 27.0 40.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 7.73 ug/l

RT: 1.15 min Scan# 53

Delta R.T. -0.00 min

Lab File: VF060857.D

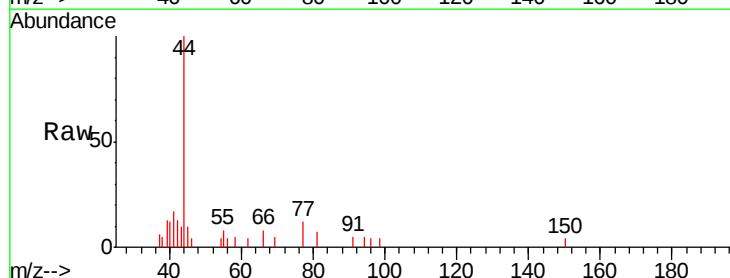
Acq: 28 Nov 2018 15:39

Tgt Ion: 62 Resp: 66

Ion Ratio Lower Upper

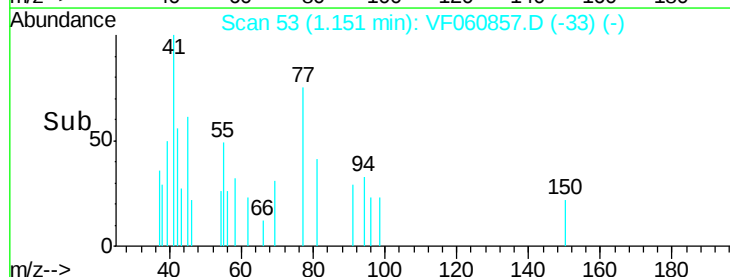
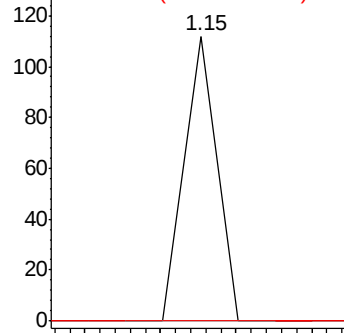
62 100

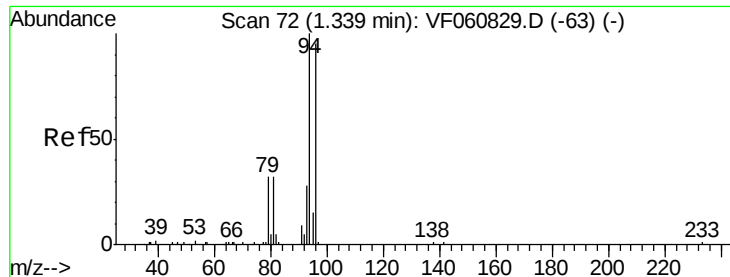
64 0.0 26.4 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 15.11 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.09 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

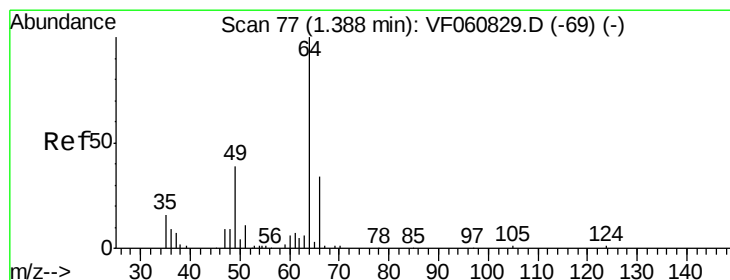
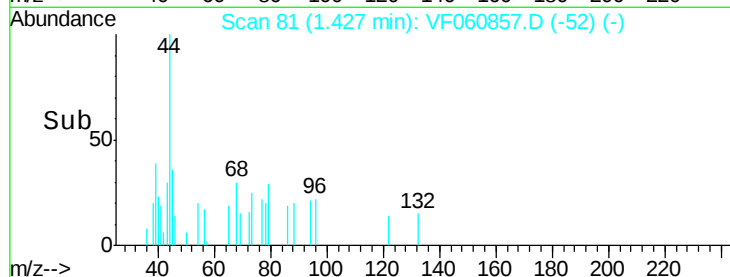
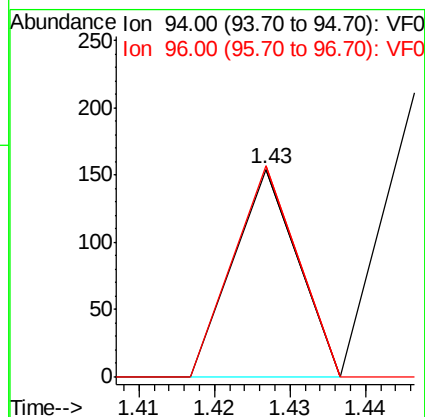
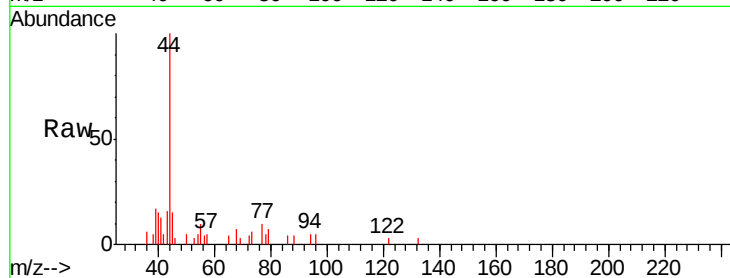
RCA-07RE

Tgt Ion: 94 Resp: 91

Ion Ratio Lower Upper

94 100

96 101.9 75.9 113.9



#6

Chloroethane

Concen: 19.50 ug/l

RT: 1.44 min Scan# 82

Delta R.T. 0.05 min

Lab File: VF060857.D

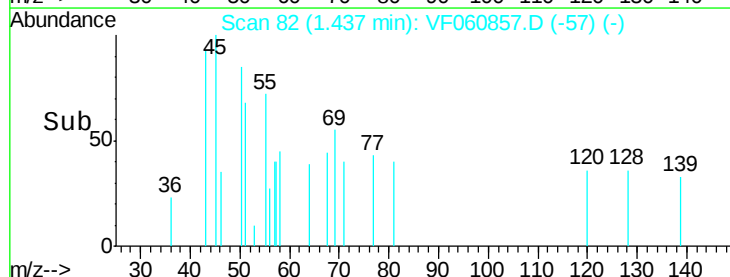
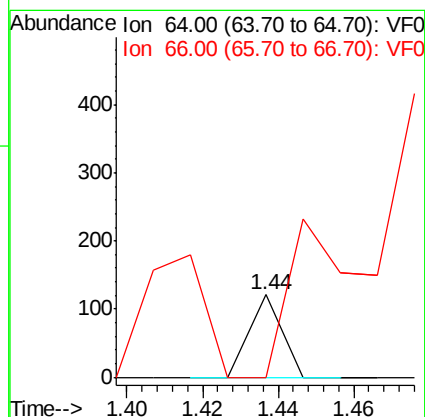
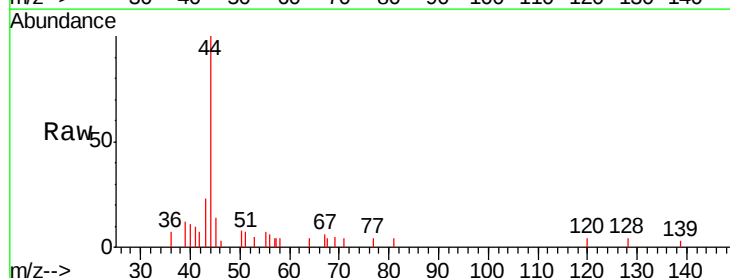
Acq: 28 Nov 2018 15:39

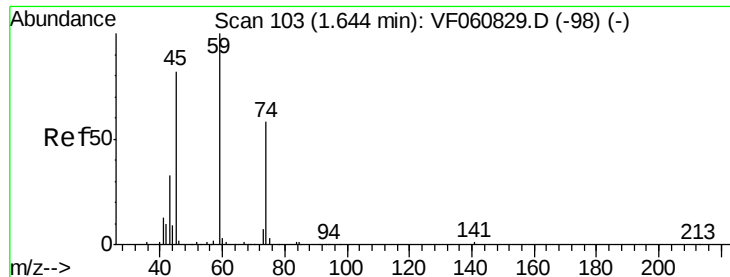
Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

64 100

66 0.0 28.1 42.1#





#8

Diethyl Ether

Concen: 25.43 ug/l

RT: 1.51 min Scan# 89

Delta R.T. -0.14 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

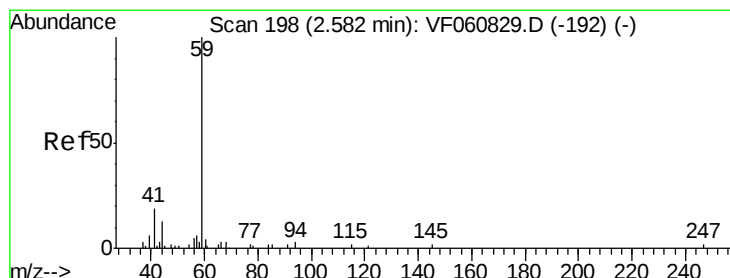
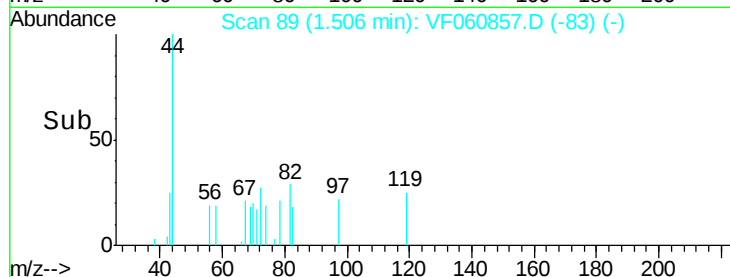
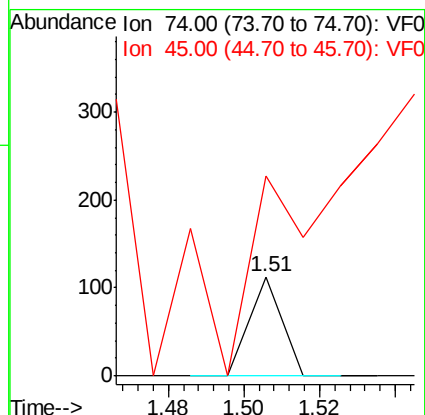
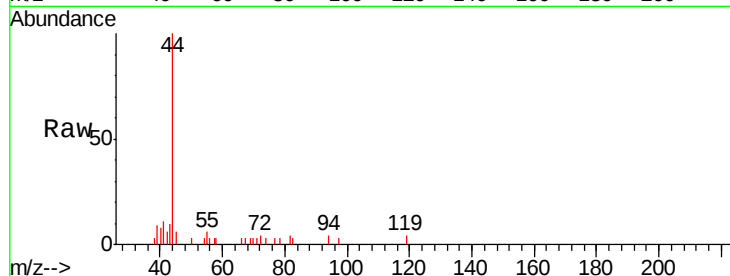
RCA-07RE

Tgt Ion: 74 Resp: 67

Ion Ratio Lower Upper

74 100

45 200.9 71.0 212.8



#11

Tert butyl alcohol

Concen: 272.88 ug/l

RT: 2.67 min Scan# 207

Delta R.T. 0.09 min

Lab File: VF060857.D

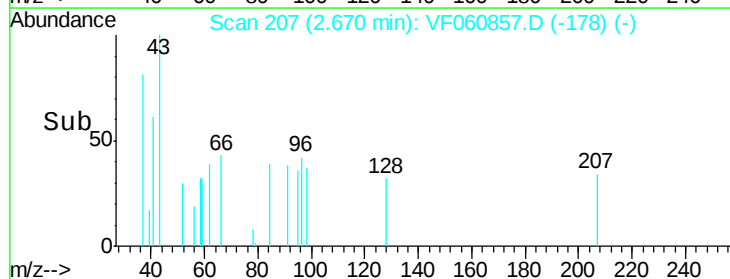
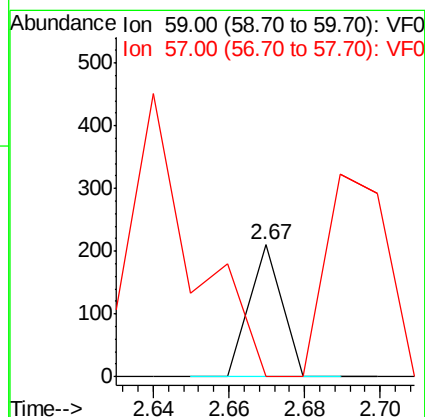
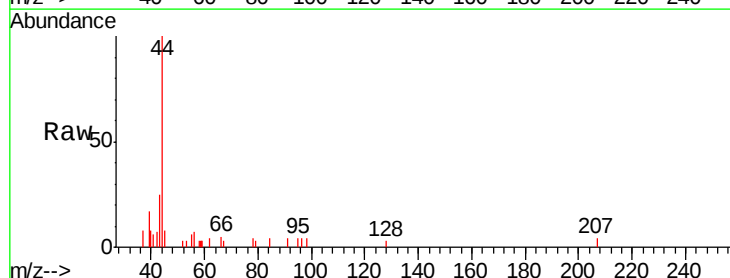
Acq: 28 Nov 2018 15:39

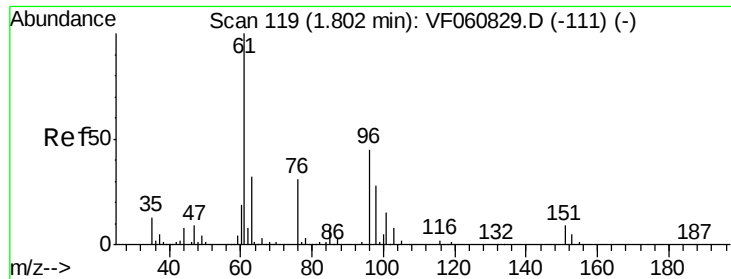
Tgt Ion: 59 Resp: 124

Ion Ratio Lower Upper

59 100

57 0.0 12.7 19.1#





#12

1,1-Dichloroethene

Concen: 18.79 ug/l

RT: 1.83 min Scan# 122

Delta R.T. 0.03 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

RCA-07RE

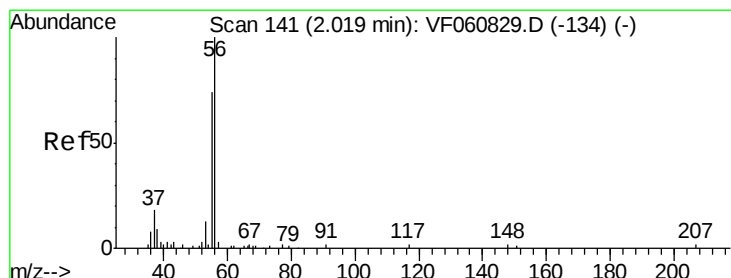
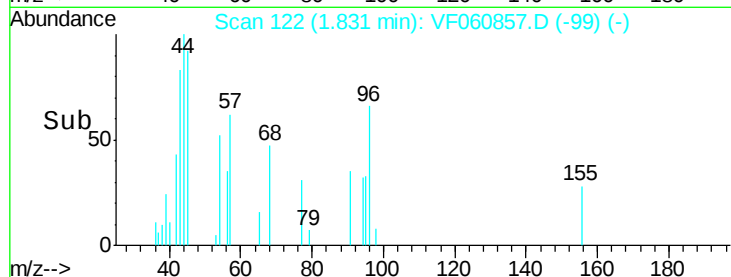
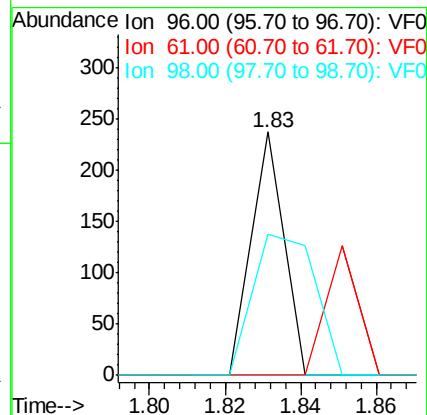
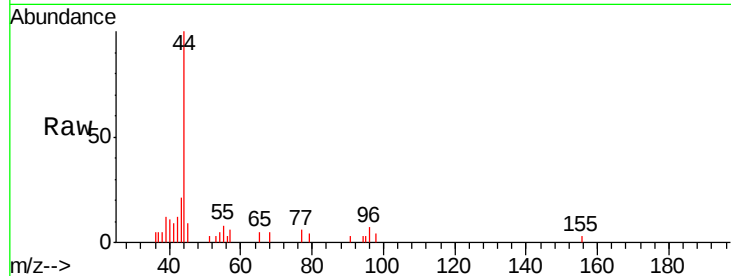
Tgt Ion: 96 Resp: 140

Ion Ratio Lower Upper

96 100

61 0.0 177.3 265.9#

98 58.2 49.6 74.4



#13

Acrolein

Concen: 1981.23 ug/l

RT: 1.95 min Scan# 134

Delta R.T. -0.07 min

Lab File: VF060857.D

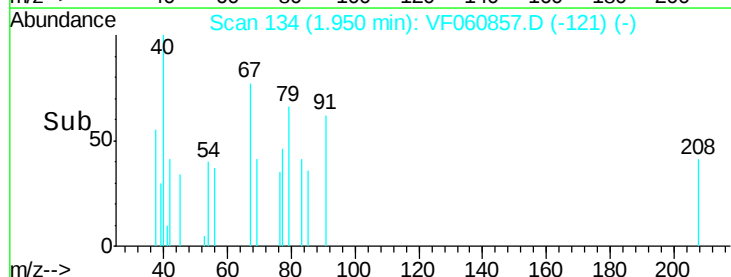
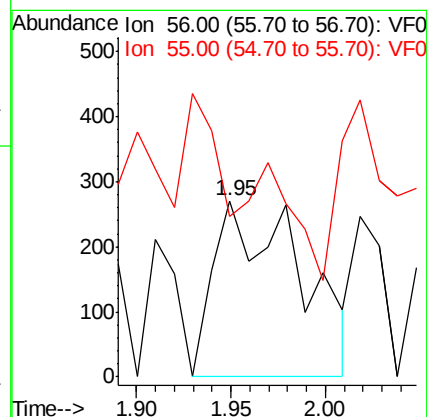
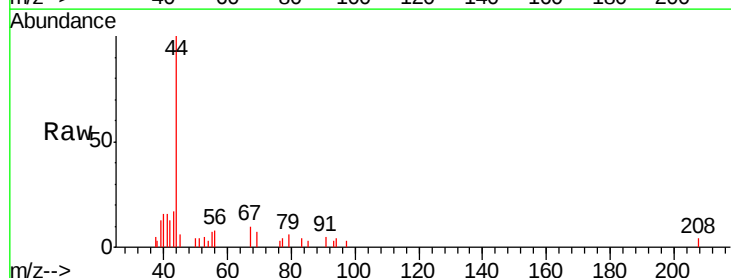
Acq: 28 Nov 2018 15:39

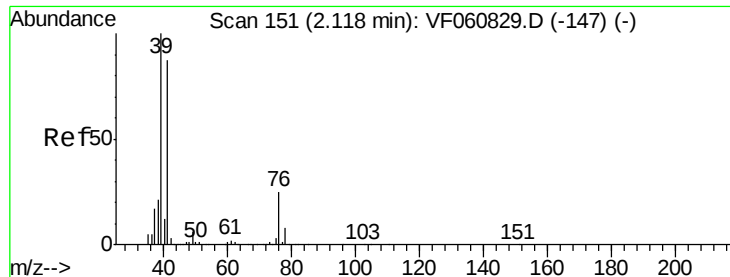
Tgt Ion: 56 Resp: 853

Ion Ratio Lower Upper

56 100

55 91.1 61.2 91.8

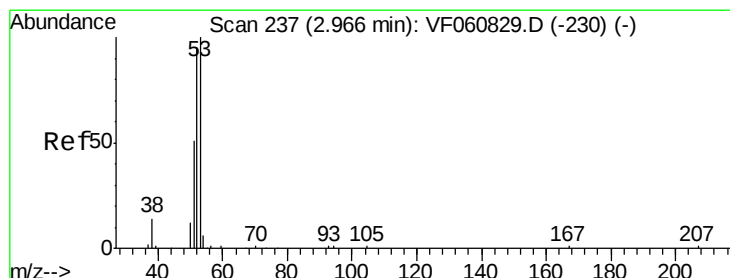
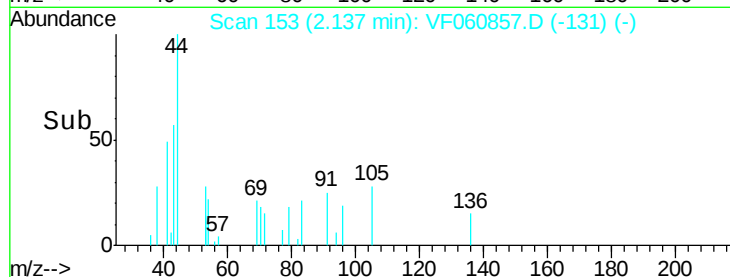
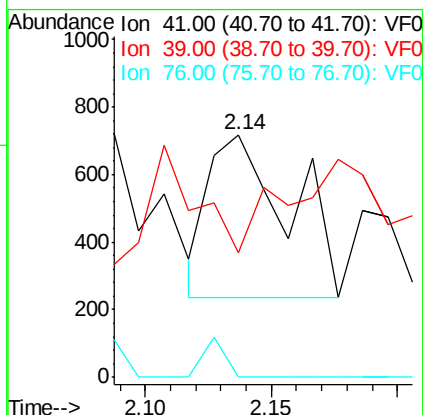
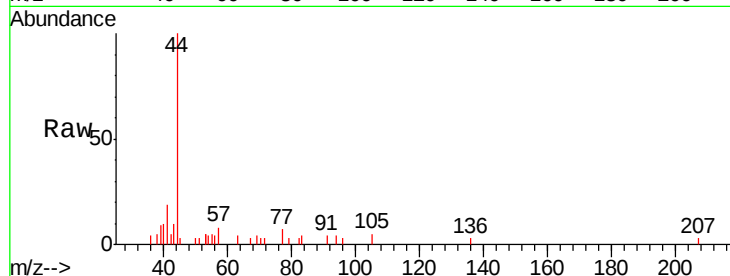




#14
 Allyl chloride
 Concen: 115.54 ug/l
 RT: 2.14 min Scan# 153
 Delta R.T. 0.02 min
 Lab File: VF060857.D
 Acq: 28 Nov 2018 15:39

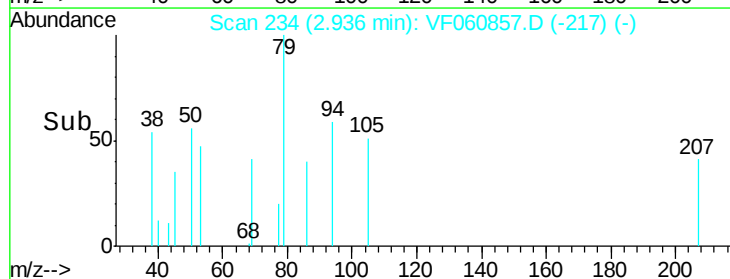
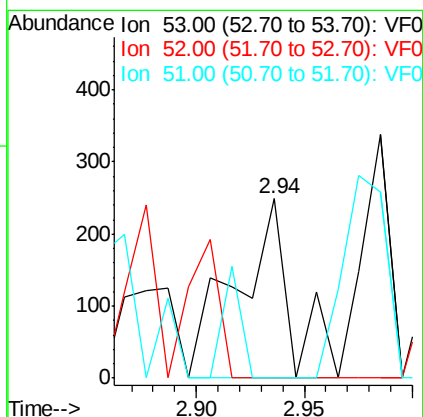
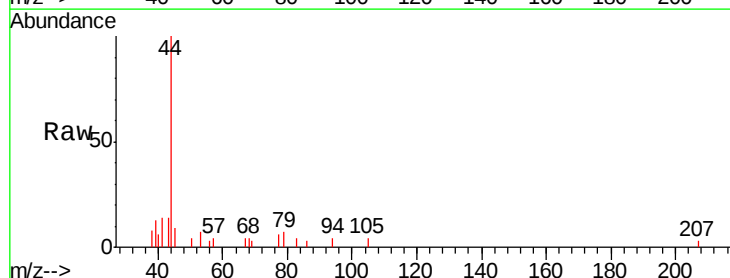
Instrument :
 MSVOA_F
 ClientSampleId :
 RCA-07RE

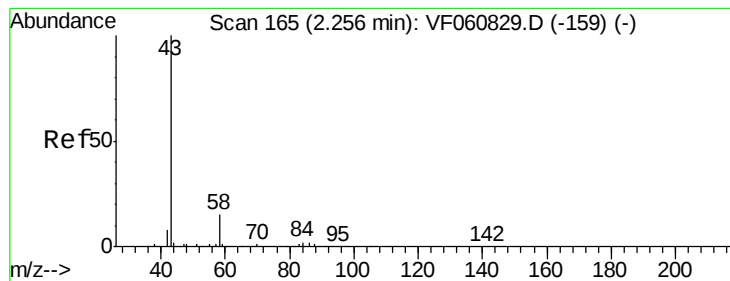
Tgt Ion: 41 Resp: 1073
 Ion Ratio Lower Upper
 41 100
 39 51.3 91.7 137.5#
 76 0.0 23.5 35.3#



#15
 Acrylonitrile
 Concen: 431.90 ug/l
 RT: 2.94 min Scan# 234
 Delta R.T. -0.03 min
 Lab File: VF060857.D
 Acq: 28 Nov 2018 15:39

Tgt Ion: 53 Resp: 440
 Ion Ratio Lower Upper
 53 100
 52 0.0 76.5 114.7#
 51 0.0 40.7 61.1#





#16

Acetone

Concen: 335.58 ug/l

RT: 2.28 min Scan# 167

Delta R.T. 0.02 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

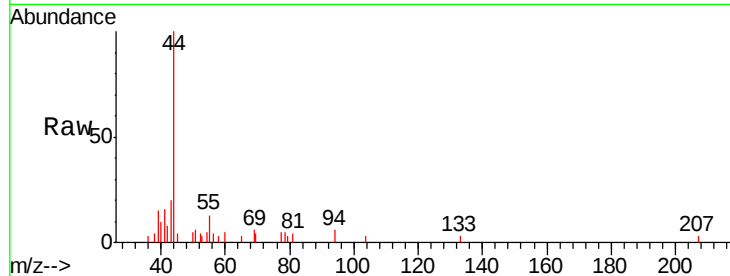
RCA-07RE

Tgt Ion: 43 Resp: 686

Ion Ratio Lower Upper

43 100

58 15.4 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

800

600

400

200

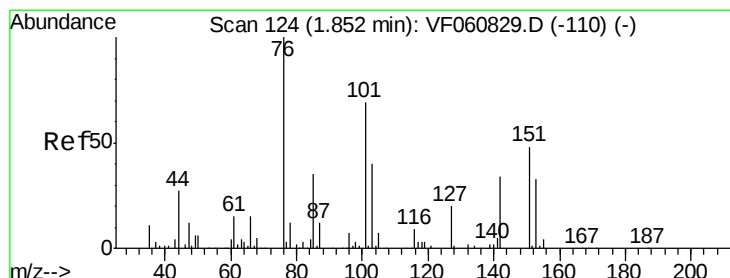
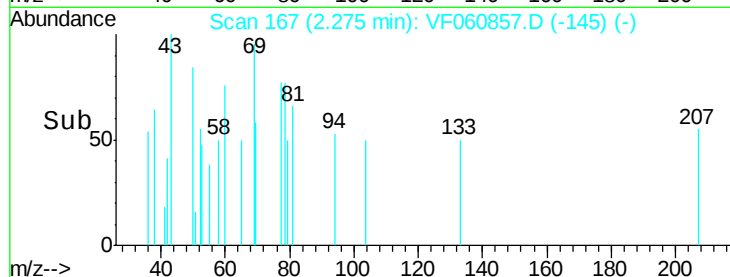
0

2.24

2.26

2.28

Time-->



#17

Carbon Disulfide

Concen: 3.85 ug/l

RT: 1.86 min Scan# 125

Delta R.T. 0.01 min

Lab File: VF060857.D

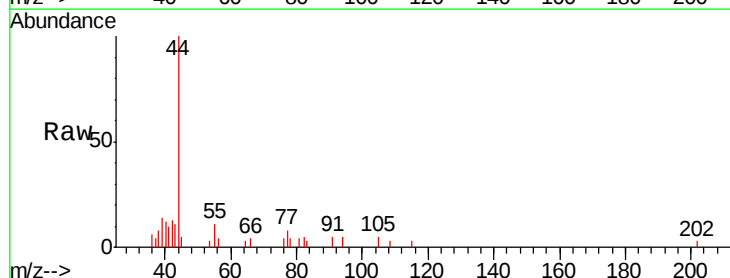
Acq: 28 Nov 2018 15:39

Tgt Ion: 76 Resp: 77

Ion Ratio Lower Upper

76 100

78 90.8 10.2 15.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

250

200

150

100

50

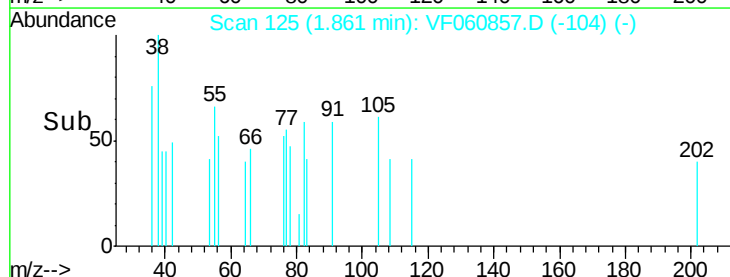
0

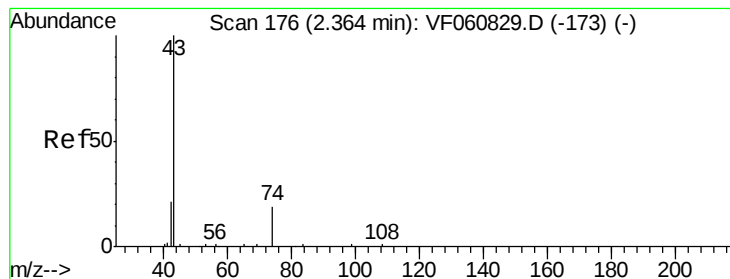
1.84

1.86

1.88

Time-->





#18

Methyl Acetate

Concen: 138.81 ug/l

RT: 2.35 min Scan# 175

Delta R.T. -0.01 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

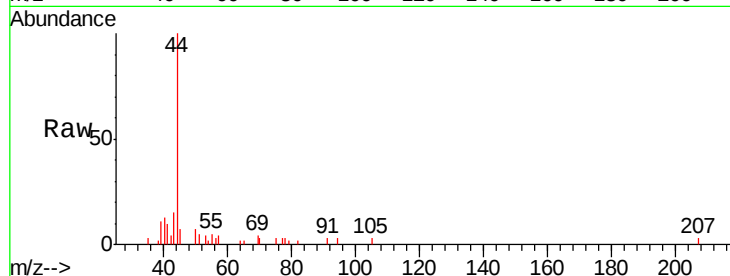
RCA-07RE

Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

74 0.0 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

2.35

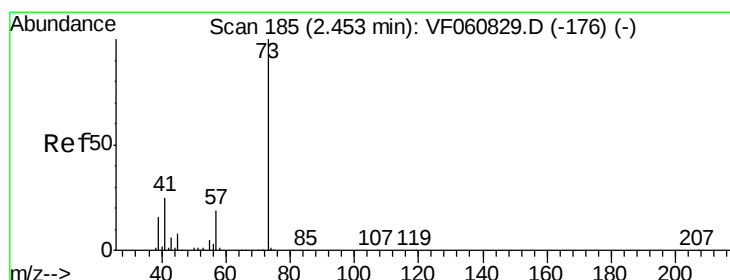
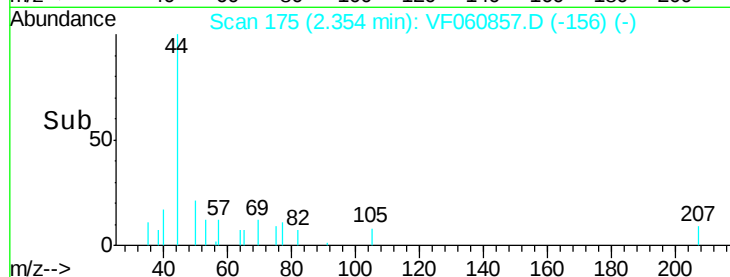
600

400

200

0

Time--> 2.32 2.34 2.36 2.38 2.40



#19

Methyl tert-butyl Ether

Concen: 7.39 ug/l

RT: 2.46 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF060857.D

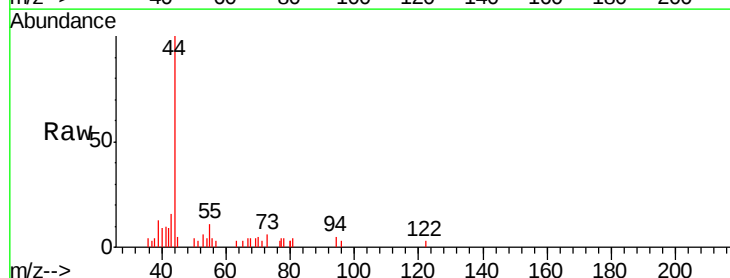
Acq: 28 Nov 2018 15:39

Tgt Ion: 73 Resp: 124

Ion Ratio Lower Upper

73 100

57 58.1 15.3 22.9#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.46

250

200

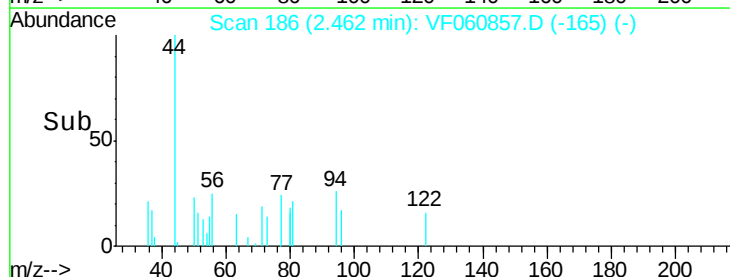
150

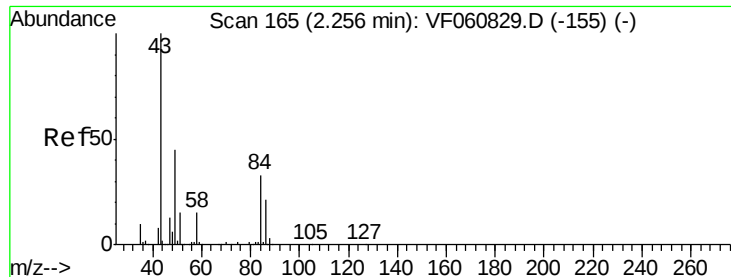
100

50

0

Time--> 2.44 2.46 2.48

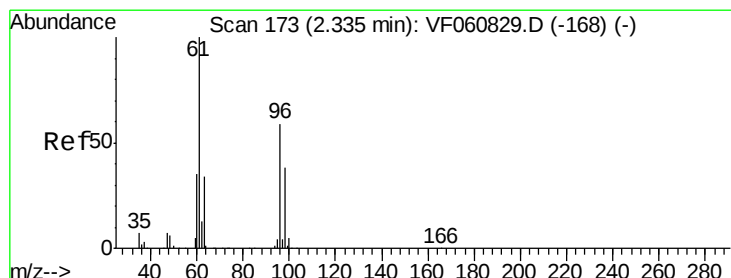
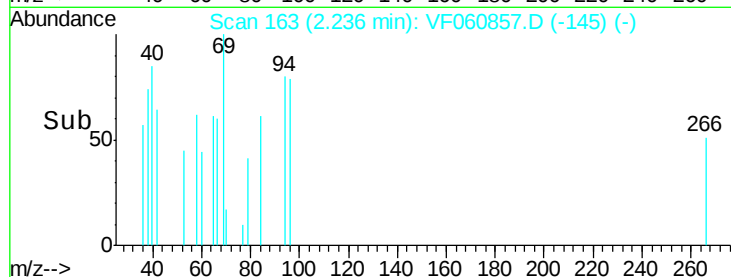
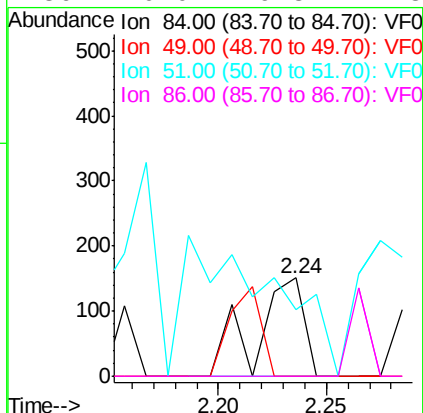
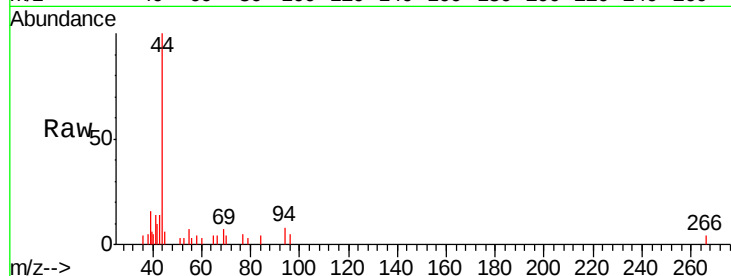




#20
Methylene Chloride
Concen: 30.80 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

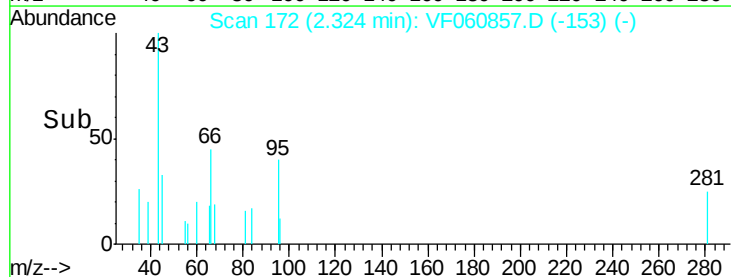
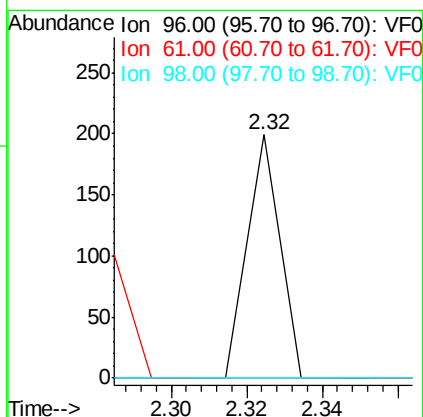
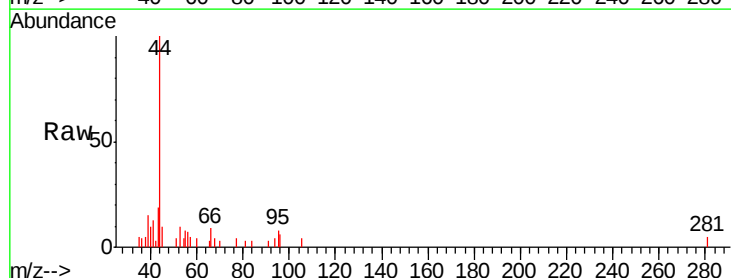
Instrument :
MSVOA_F
ClientSampleId :
RCA-07RE

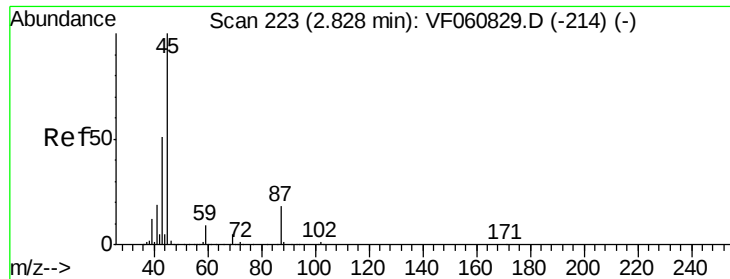
Tgt Ion: 84 Resp: 231
Ion Ratio Lower Upper
84 100
49 0.0 111.3 166.9#
51 67.5 38.0 57.0#
86 0.0 49.8 74.8#



#21
trans-1,2-Dichloroethene
Concen: 16.43 ug/l
RT: 2.32 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Tgt Ion: 96 Resp: 118
Ion Ratio Lower Upper
96 100
61 0.0 134.5 201.7#
98 0.0 51.6 77.4#





#22

Diisopropyl ether

Concen: 8.70 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.04 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

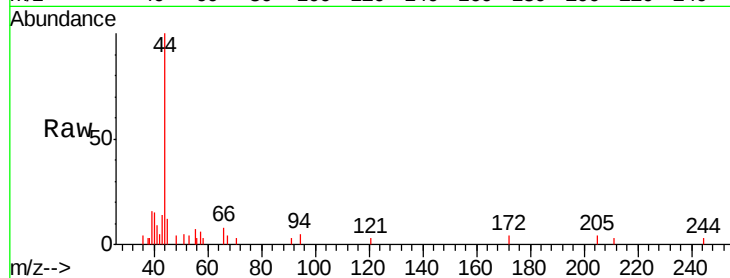
Instrument :

MSVOA_F

ClientSampleId :

RCA-07RE

Tgt Ion:	45	Resp:	220
Ion	Ratio	Lower	Upper
45	100		
43	120.8	41.0	61.6#
87	0.0	14.6	22.0#
59	0.0	7.5	11.3#

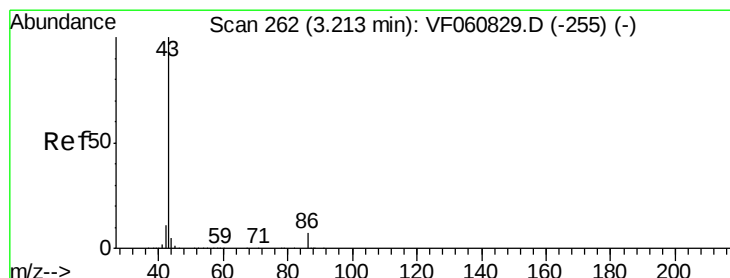
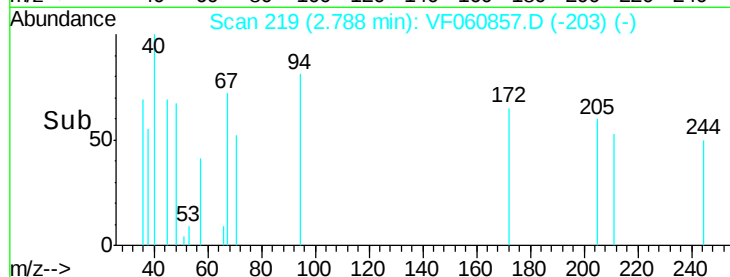
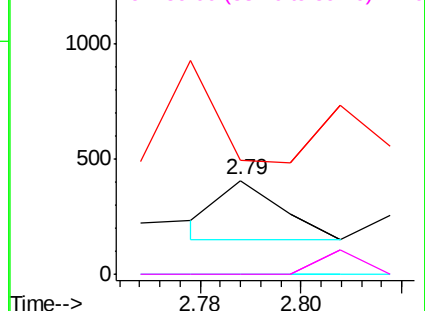


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 29.68 ug/l

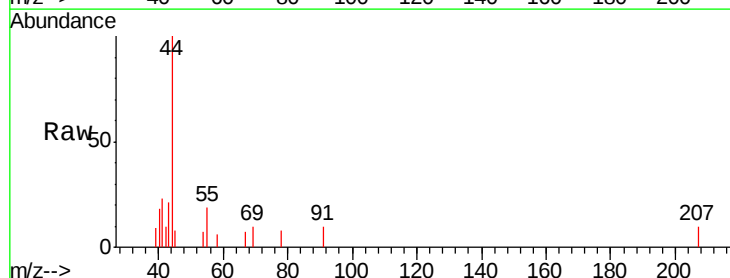
RT: 3.20 min Scan# 261

Delta R.T. -0.01 min

Lab File: VF060857.D

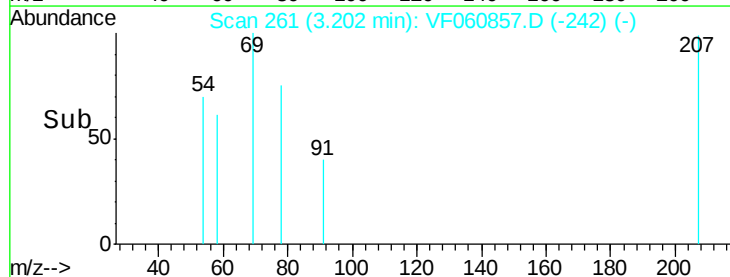
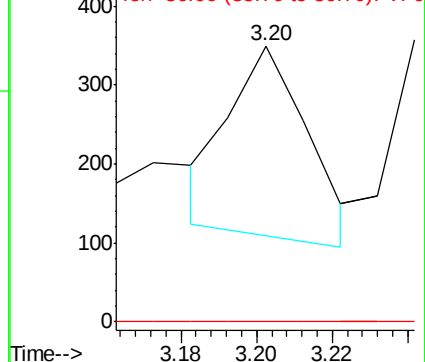
Acq: 28 Nov 2018 15:39

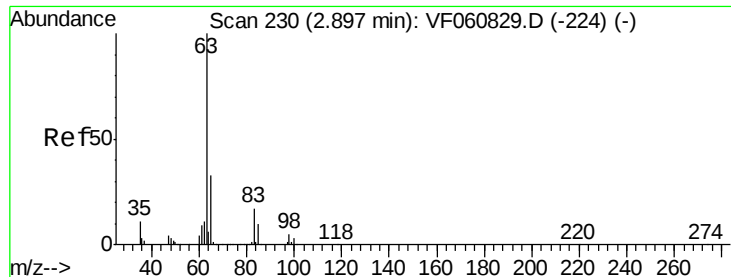
Tgt Ion:	43	Resp:	343
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#24

1,1-Dichloroethane

Concen: 5.05 ug/l

RT: 2.89 min Scan# 229

Delta R.T. -0.01 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

RCA-07RE

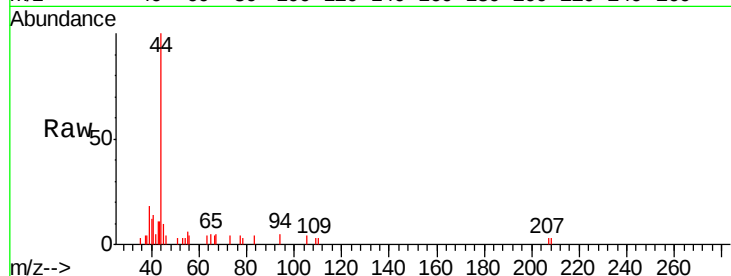
Tgt Ion: 63 Resp: 76

Ion Ratio Lower Upper

63 100

98 0.0 2.7 8.1#

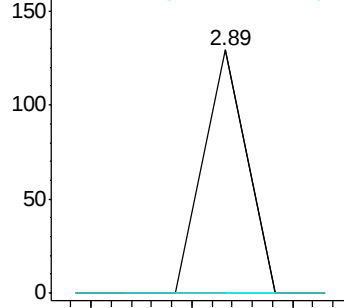
100 0.0 1.5 4.5#



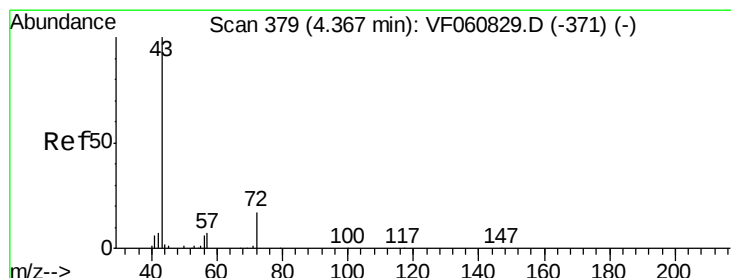
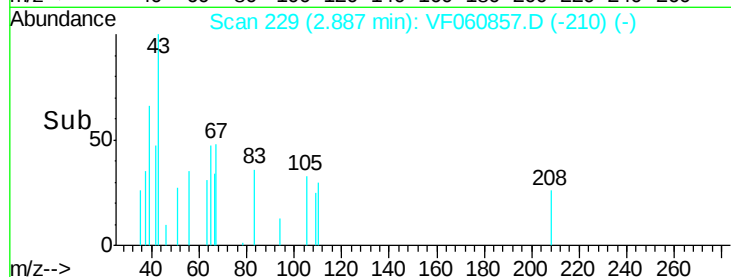
Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#25

2-Butanone

Concen: 74.38 ug/l

RT: 4.36 min Scan# 378

Delta R.T. -0.01 min

Lab File: VF060857.D

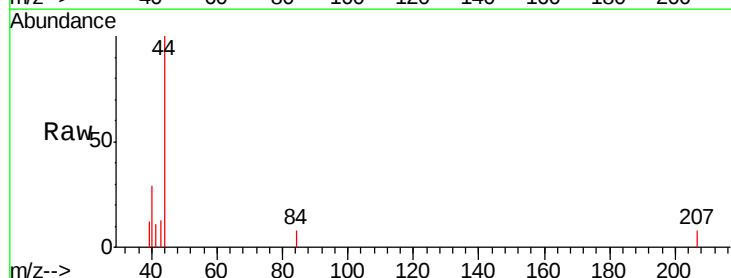
Acq: 28 Nov 2018 15:39

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

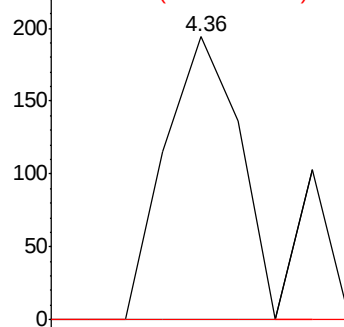
43 100

72 0.0 15.4 23.2#

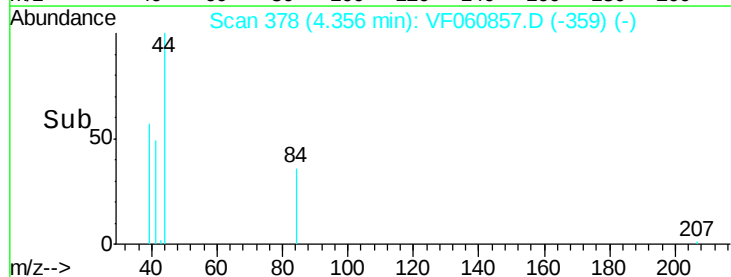


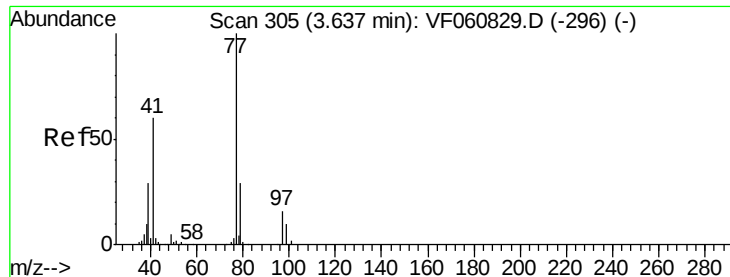
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



Time-->





#26

2,2-Dichloropropane

Concen: 8.92 ug/l

RT: 3.66 min Scan# 307

Delta R.T. 0.02 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

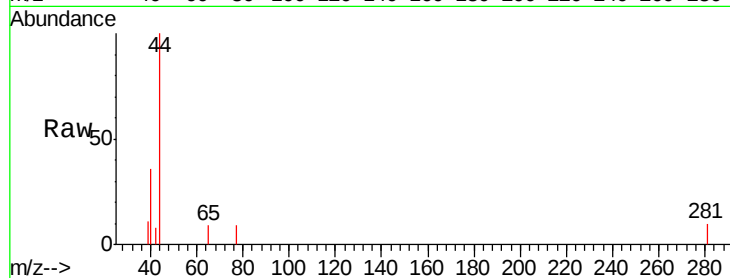
RCA-07RE

Tgt Ion: 77 Resp: 87

Ion Ratio Lower Upper

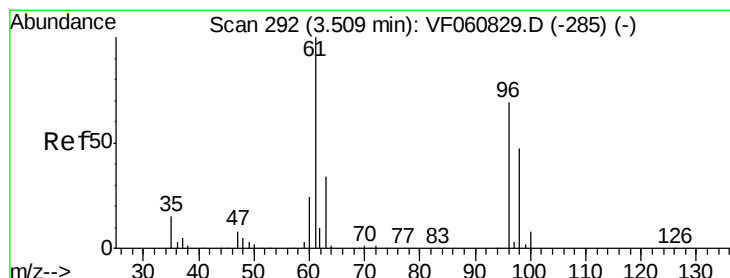
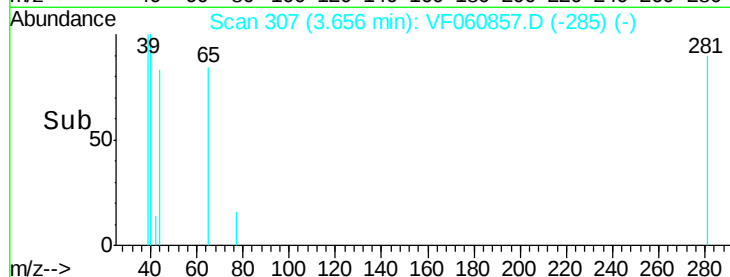
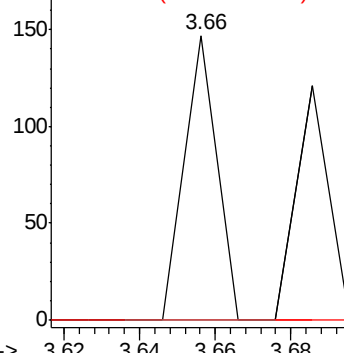
77 100

97 0.0 8.6 25.8#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#27

cis-1,2-Dichloroethene

Concen: 6.50 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.03 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

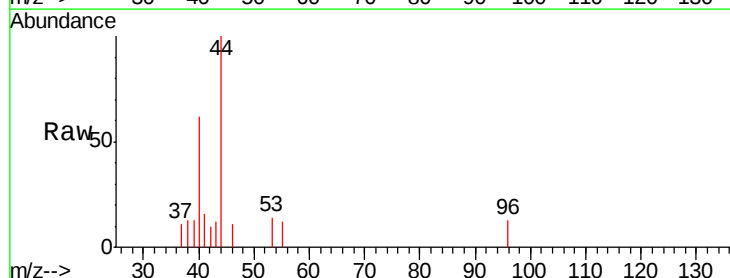
Tgt Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 0.0 290.6

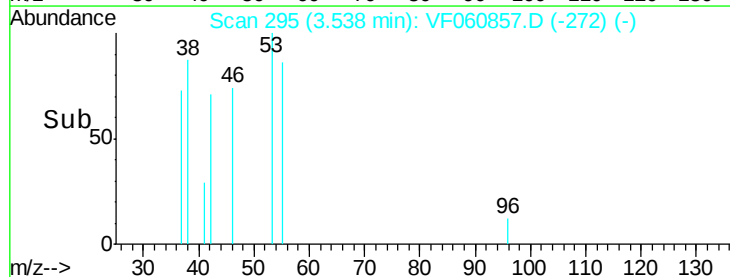
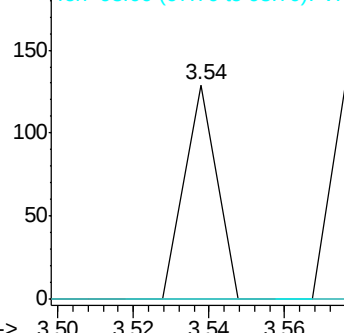
98 0.0 0.0 137.8

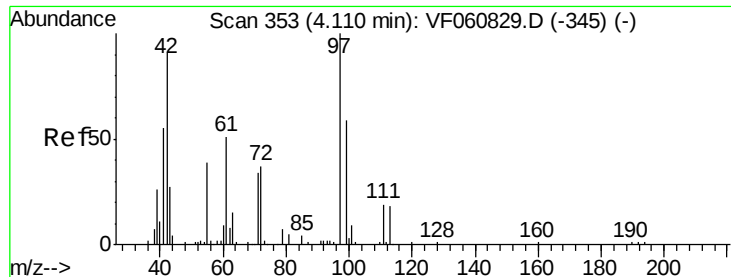


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#29

Tetrahydrofuran

Concen: 120.77 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

RCA-07RE

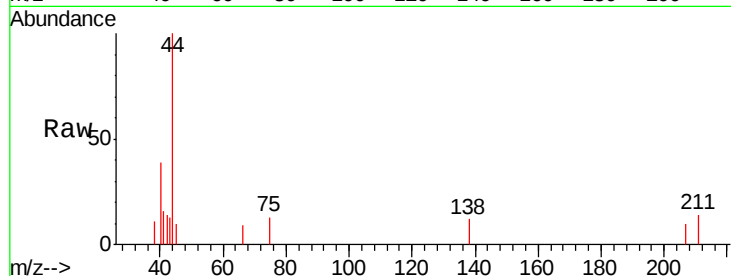
Tgt Ion: 42 Resp: 181

Ion Ratio Lower Upper

42 100

72 0.0 31.9 47.9#

71 0.0 28.7 43.1#



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

4.09

150

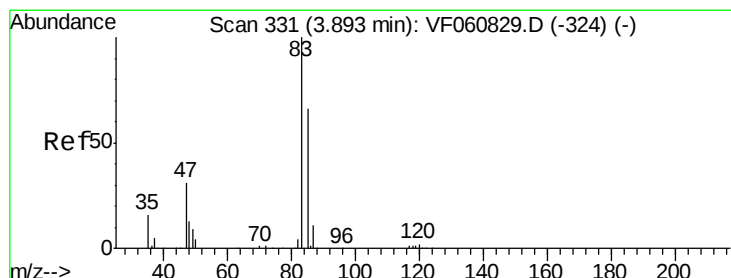
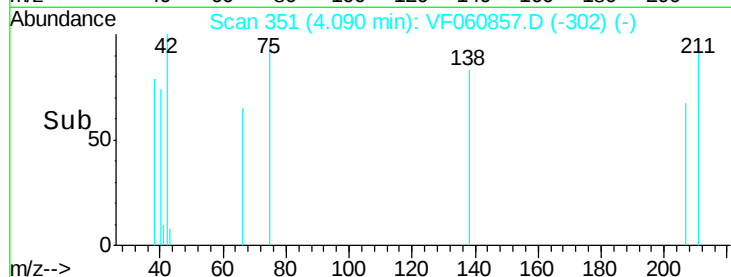
100

50

0

4.06 4.08 4.10 4.12 4.14

Time-->



#30

Chloroform

Concen: 2.72 ug/l

RT: 3.86 min Scan# 328

Delta R.T. -0.03 min

Lab File: VF060857.D

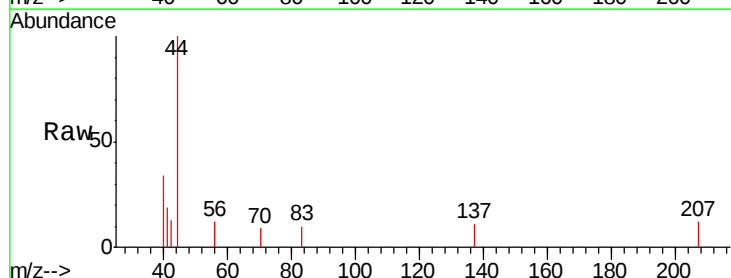
Acq: 28 Nov 2018 15:39

Tgt Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

85 0.0 53.4 80.2#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

3.86

120

100

80

60

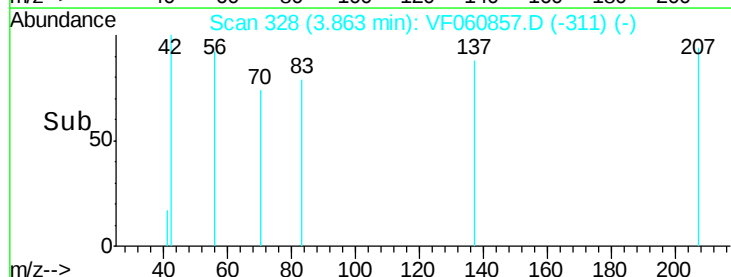
40

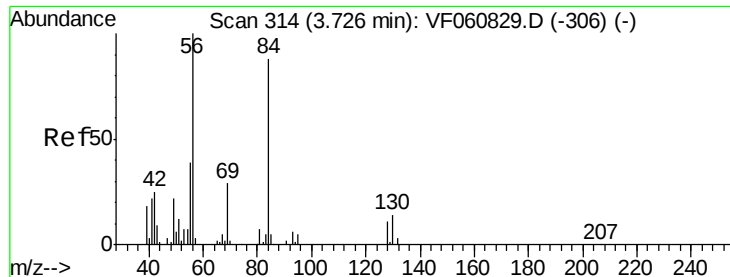
20

0

3.84 3.86 3.88

Time-->

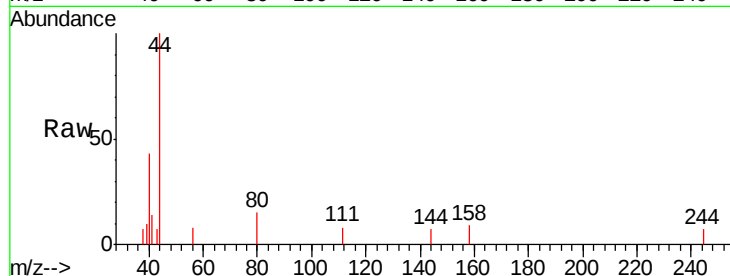




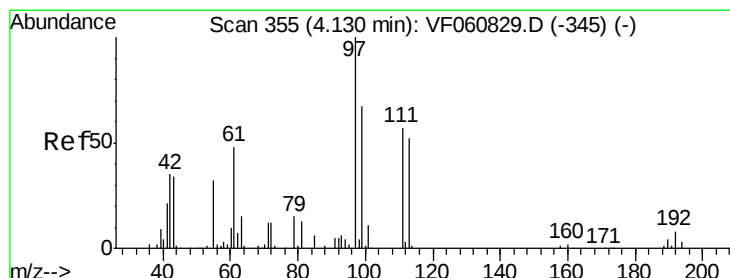
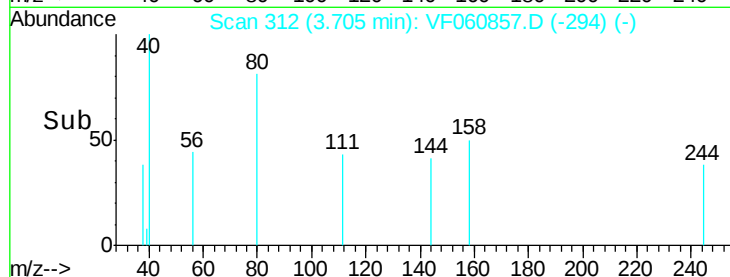
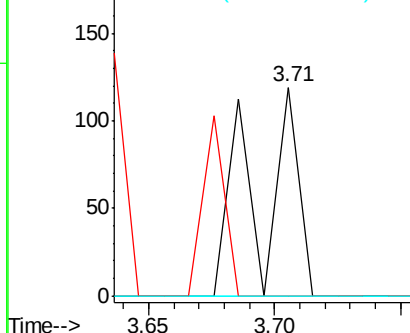
#31
Cyclohexane
Concen: 8.78 ug/l
RT: 3.71 min Scan# 312
Delta R.T. -0.02 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Instrument :
MSVOA_F
ClientSampleId :
RCA-07RE

Tgt Ion: 56 Resp: 137
Ion Ratio Lower Upper
56 100
69 0.0 23.0 34.4#
84 0.0 70.4 105.6#

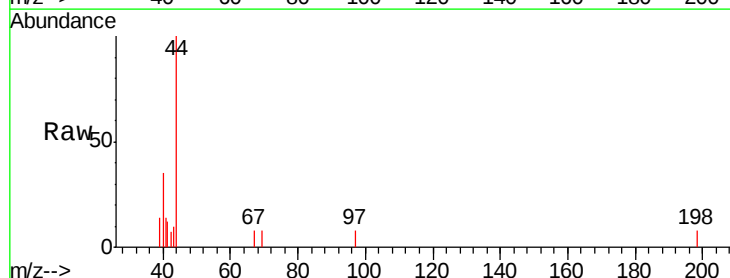


Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 84.00 (83.70 to 84.70): VF0

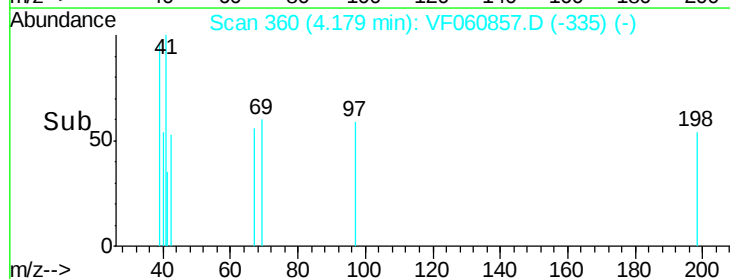
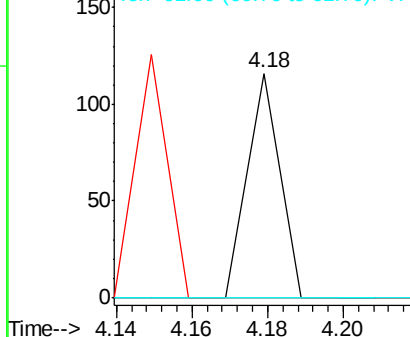


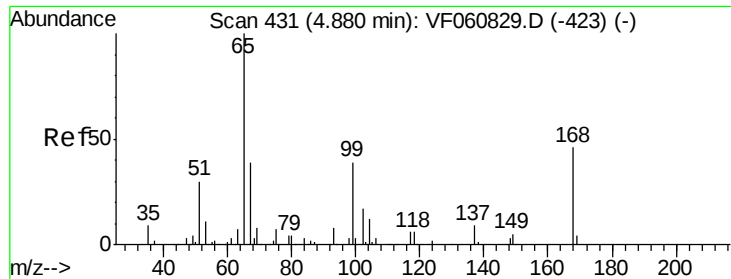
#32
1,1,1-Trichloroethane
Concen: 4.30 ug/l
RT: 4.18 min Scan# 360
Delta R.T. 0.05 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Tgt Ion: 97 Resp: 69
Ion Ratio Lower Upper
97 100
99 0.0 53.5 80.3#
61 0.0 38.6 58.0#



Abundance Ion 97.00 (96.70 to 97.70): VF0
Ion 99.00 (98.70 to 99.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 10.64 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

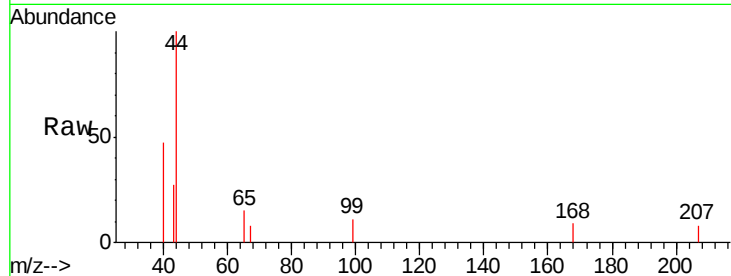
RCA-07RE

Tgt Ion: 65 Resp: 118

Ion Ratio Lower Upper

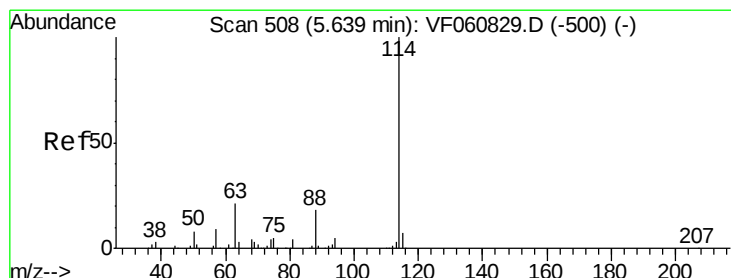
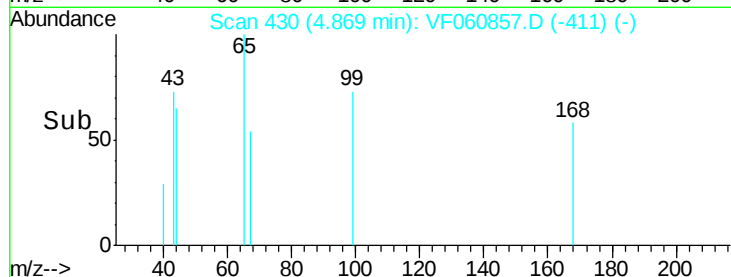
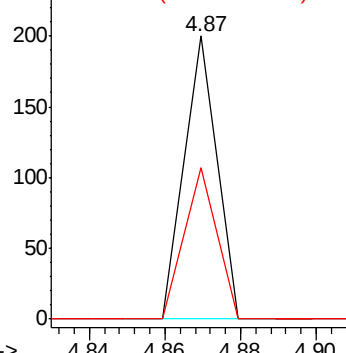
65 100

67 53.5 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

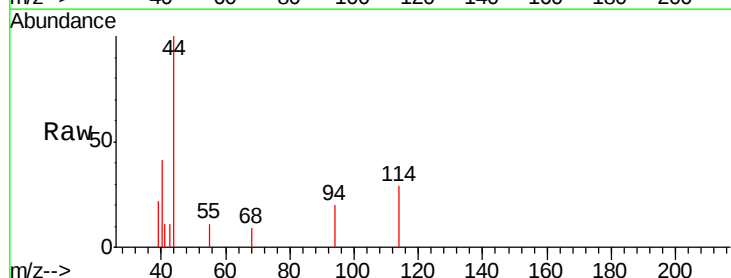
Tgt Ion: 114 Resp: 920

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

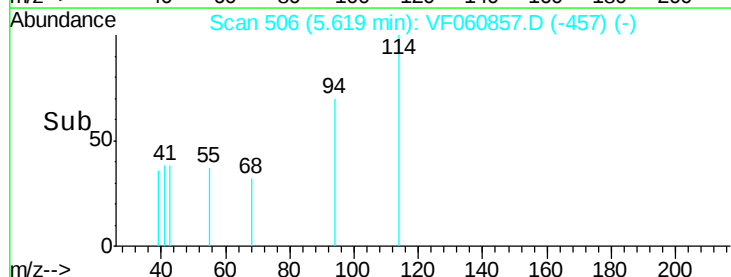
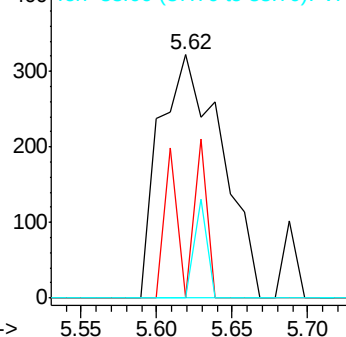
88 0.0 0.0 36.6

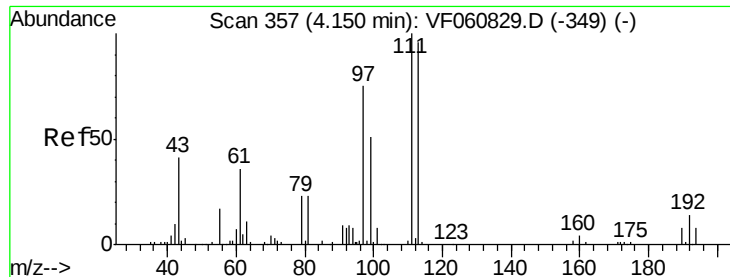


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 10.14 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

RCA-07RE

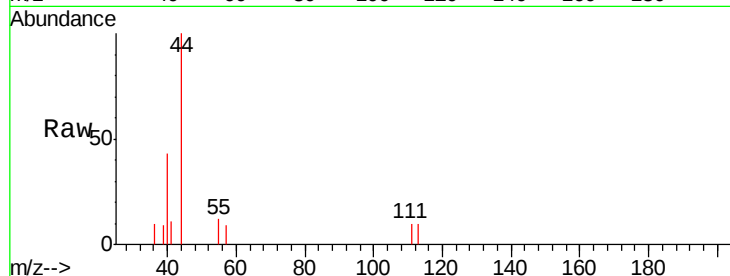
Tgt Ion:113 Resp: 74

Ion Ratio Lower Upper

113 100

111 97.6 83.0 124.6

192 0.0 12.3 18.5#

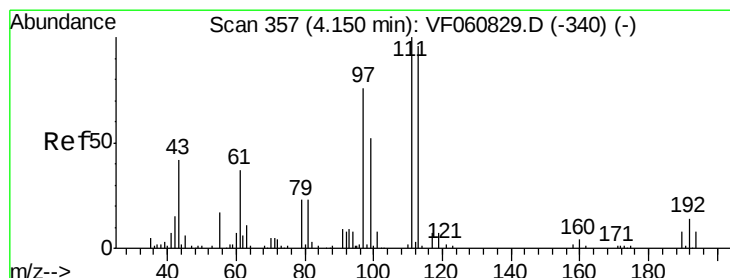
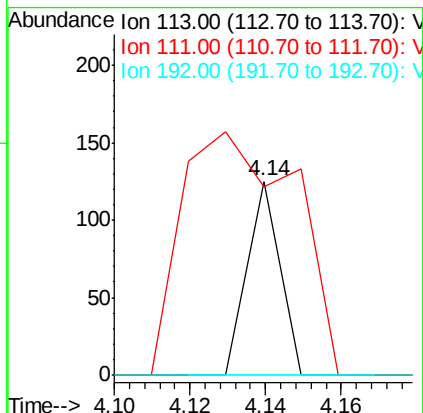
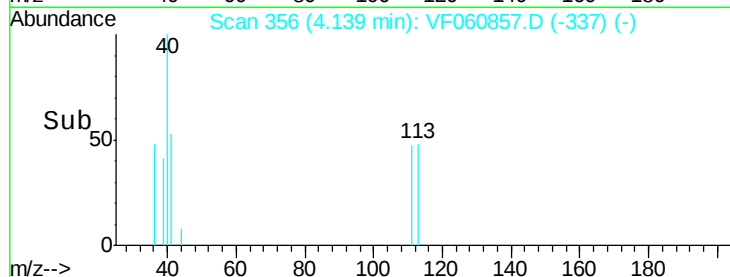


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

Time--> 4.10 4.12 4.14 4.16



#37

Ethyl Acetate

Concen: 58.12 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

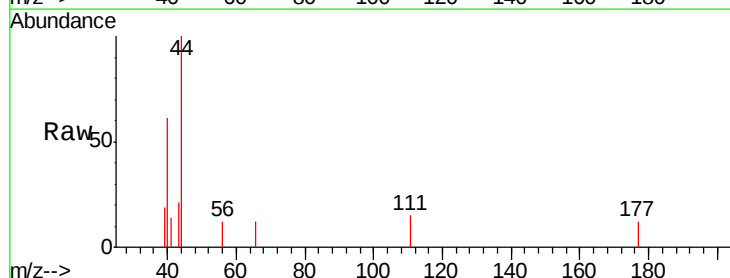
Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

61 0.0 68.6 103.0#

70 0.0 9.0 13.4#

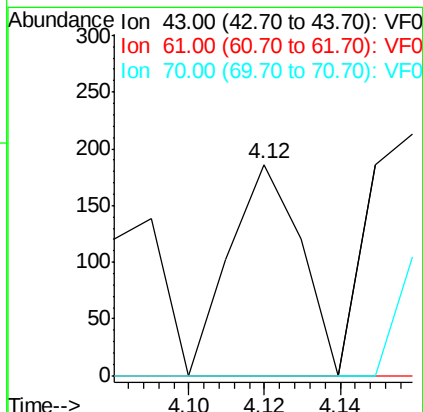
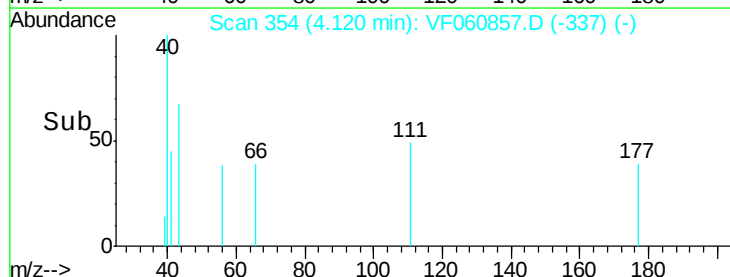


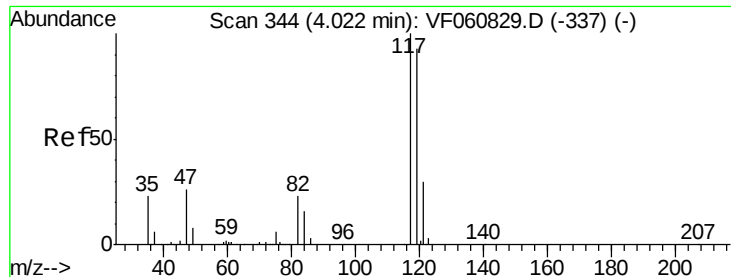
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Time--> 4.10 4.12 4.14





#38

Carbon Tetrachloride

Concen: 7.77 ug/l

RT: 3.87 min Scan# 329

Delta R.T. -0.15 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

RCA-07RE

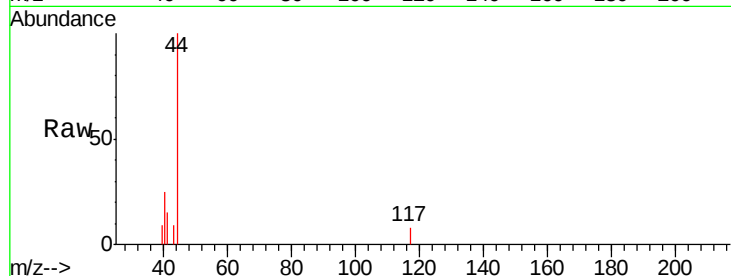
Tgt Ion:117 Resp: 70

Ion Ratio Lower Upper

117 100

119 0.0 74.4 111.6#

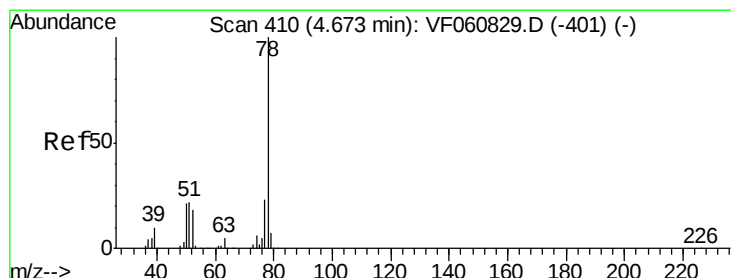
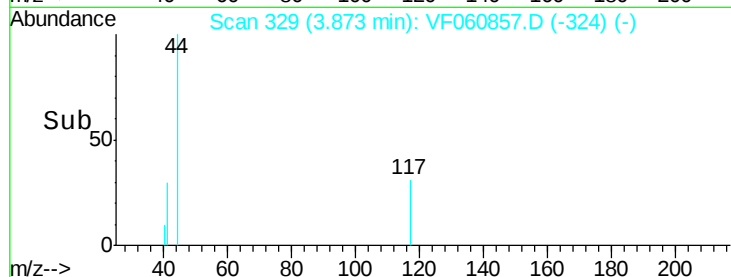
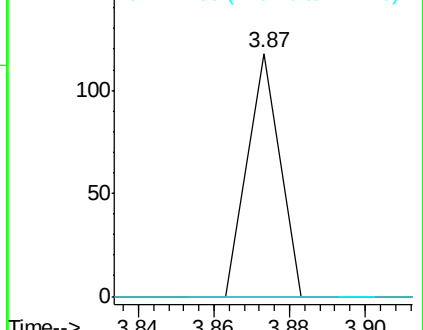
121 0.0 23.5 35.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#40

Benzene

Concen: 3.24 ug/l

RT: 4.60 min Scan# 403

Delta R.T. -0.07 min

Lab File: VF060857.D

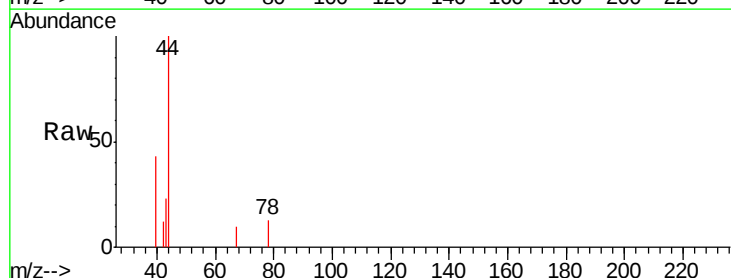
Acq: 28 Nov 2018 15:39

Tgt Ion: 78 Resp: 73

Ion Ratio Lower Upper

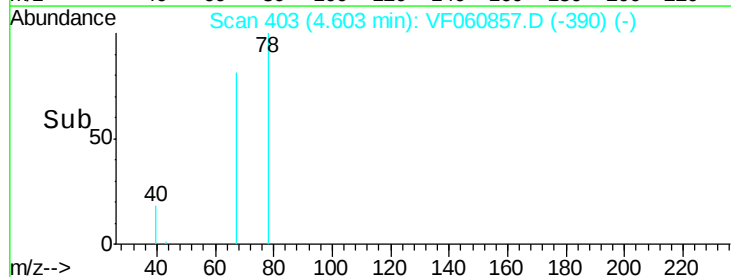
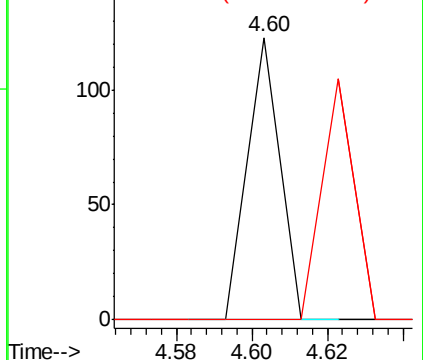
78 100

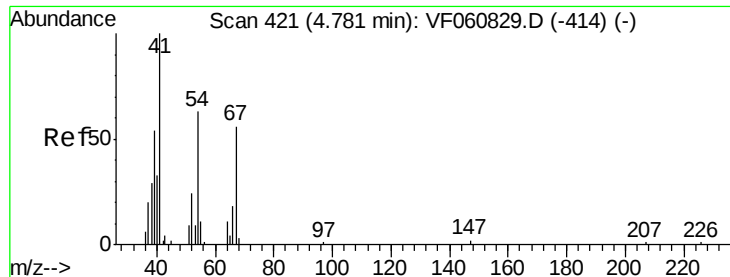
77 0.0 18.7 28.1#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

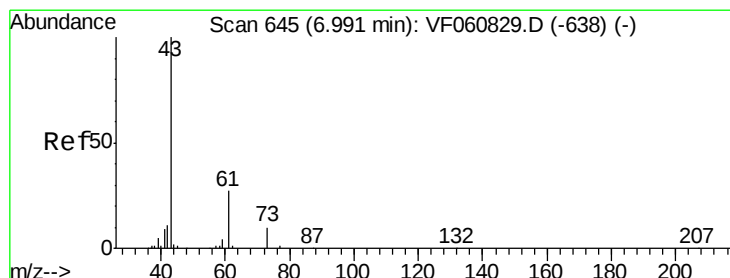
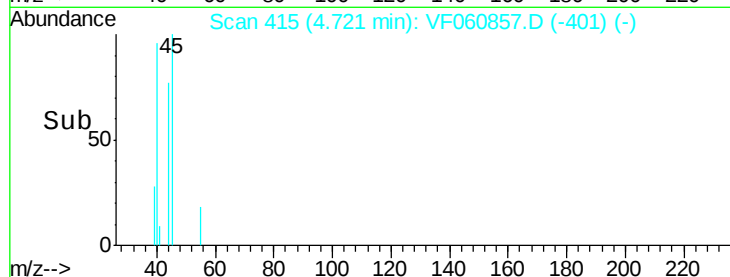
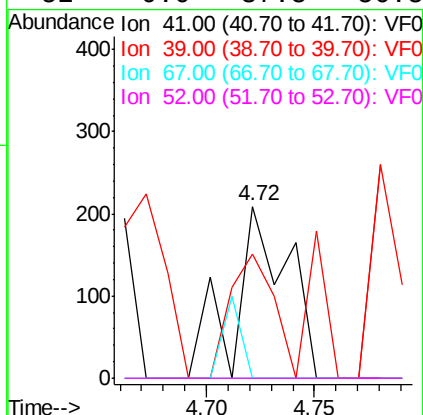
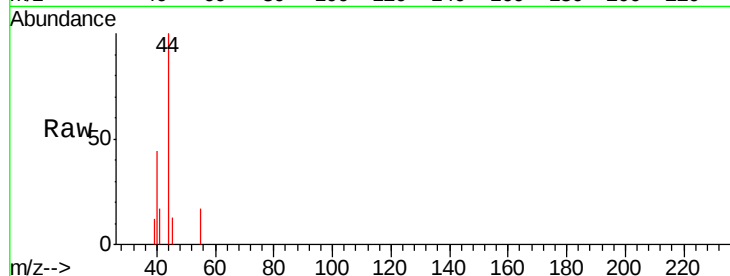




#41
Methacrylonitrile
Concen: 178.08 ug/l
RT: 4.72 min Scan# 415
Delta R.T. -0.06 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

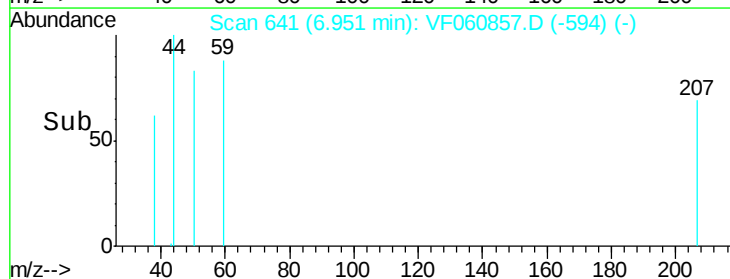
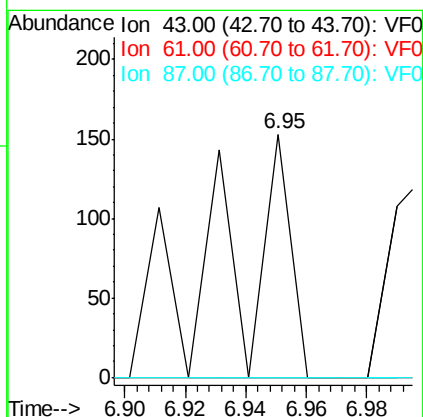
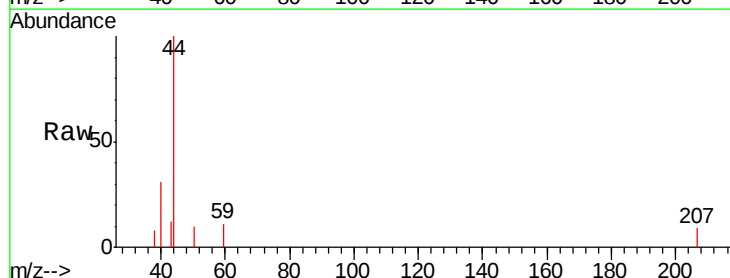
Instrument :
MSVOA_F
ClientSampleId :
RCA-07RE

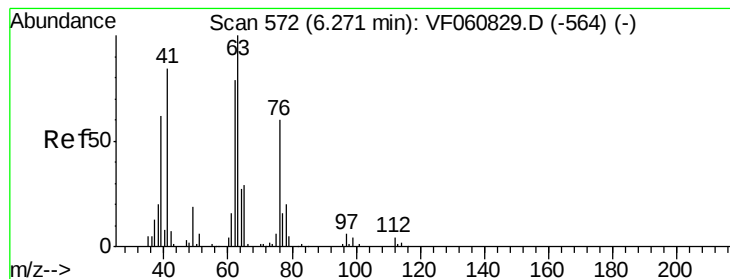
Tgt Ion: 41 Resp: 361
Ion Ratio Lower Upper
41 100
39 72.2 53.0 79.6
67 0.0 43.8 65.6#
52 0.0 37.8 56.8#



#43
Isopropyl Acetate
Concen: 33.30 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.04 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
61 0.0 21.4 32.0#
87 0.0 0.2 0.4#





#45

1,2-Dichloropropane

Concen: 10.25 ug/l

RT: 6.20 min Scan# 565

Delta R.T. -0.07 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

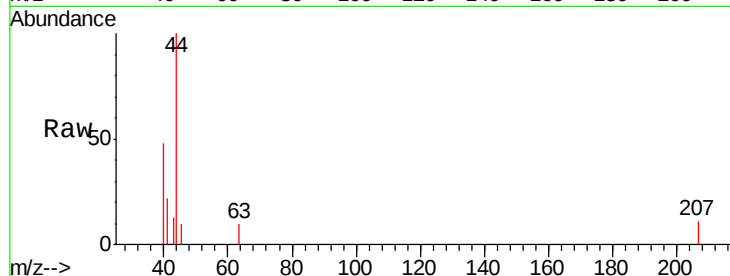
RCA-07RE

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

65 0.0 23.2 34.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.20

100

80

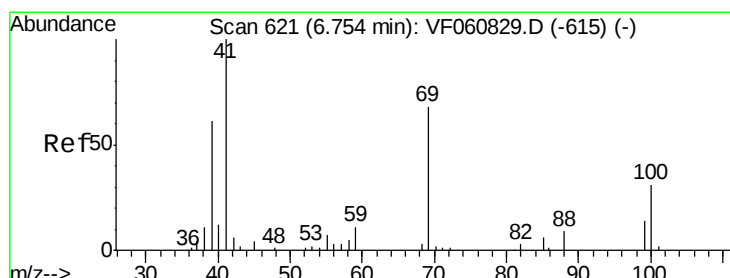
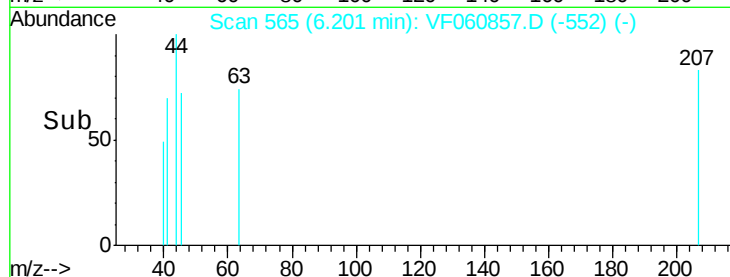
60

40

20

0

Time-->



#48

Methyl methacrylate

Concen: 46.89 ug/l

RT: 6.70 min Scan# 616

Delta R.T. -0.05 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

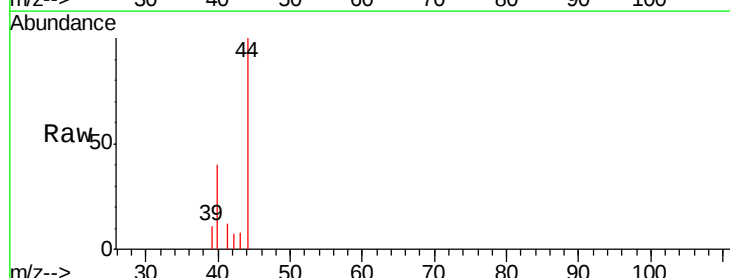
Tgt Ion: 41 Resp: 176

Ion Ratio Lower Upper

41 100

69 0.0 53.9 80.9#

39 95.2 49.0 73.6#



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

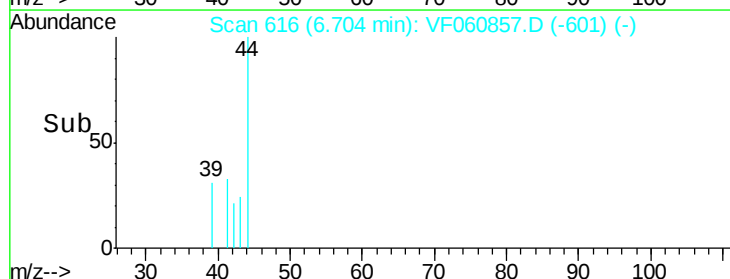
150

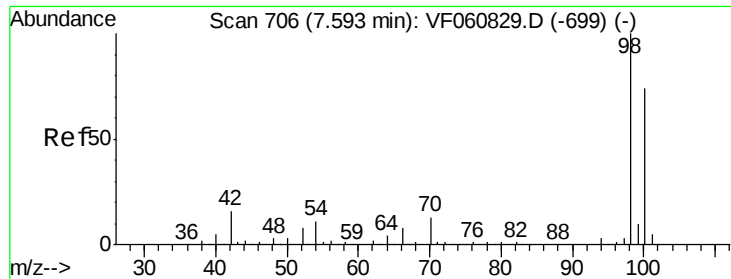
100

50

0

Time-->





#50

Toluene-d8

Concen: 38.28 ug/l

RT: 7.58 min Scan# 705

Delta R.T. -0.01 min

Lab File: VF060857.D

Acq: 28 Nov 2018 15:39

Instrument :

MSVOA_F

ClientSampleId :

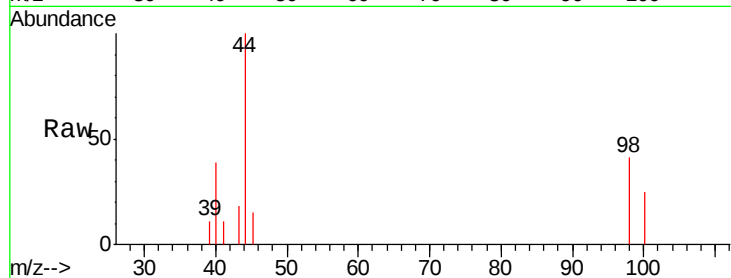
RCA-07RE

Tgt Ion: 98 Resp: 823

Ion Ratio Lower Upper

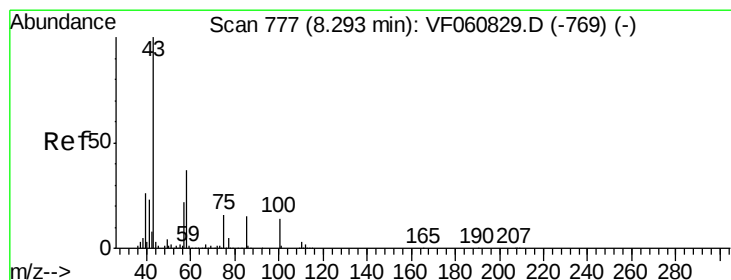
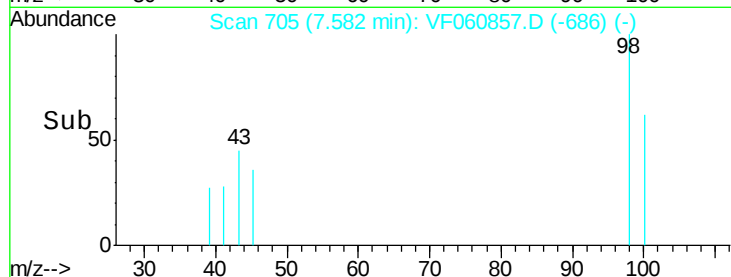
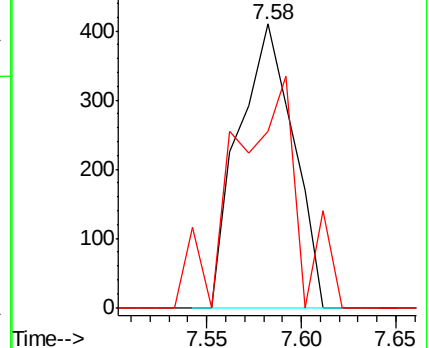
98 100

100 62.2 59.3 88.9



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: 51.26 ug/l

RT: 8.31 min Scan# 779

Delta R.T. 0.02 min

Lab File: VF060857.D

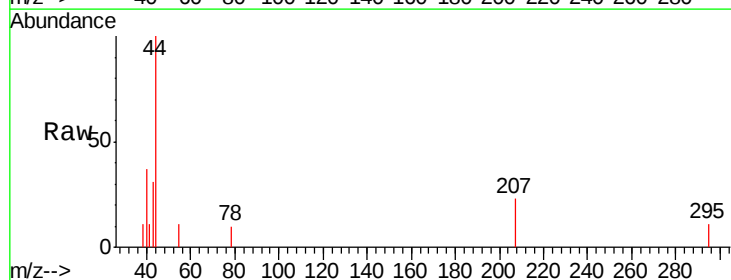
Acq: 28 Nov 2018 15:39

Tgt Ion: 43 Resp: 196

Ion Ratio Lower Upper

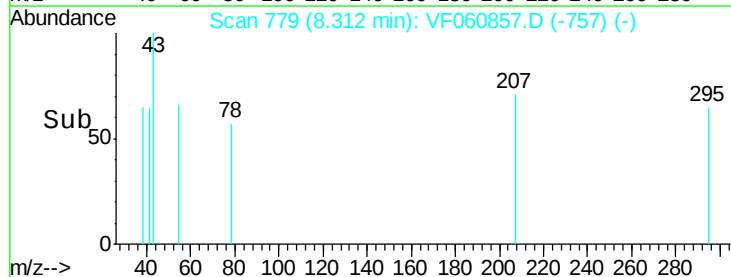
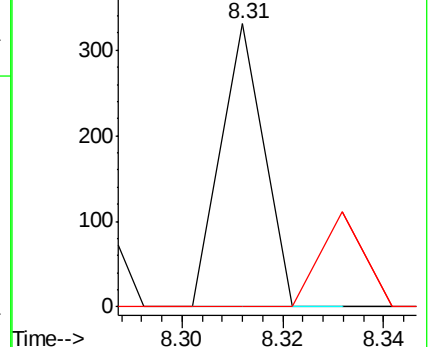
43 100

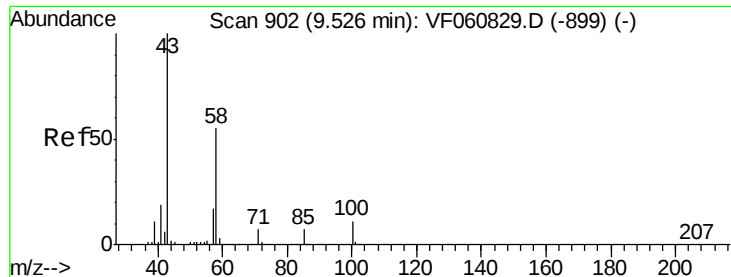
58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

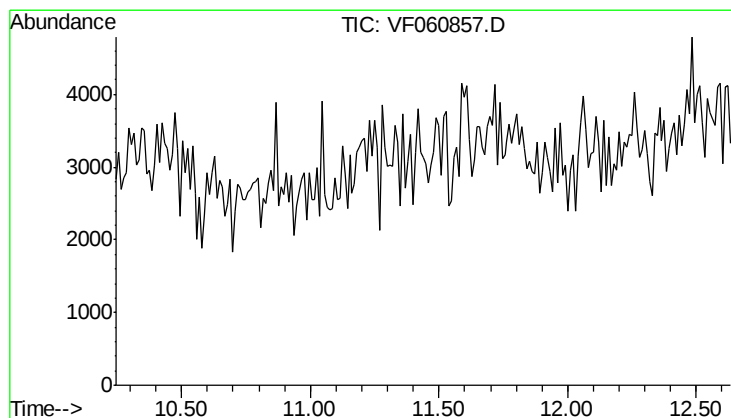
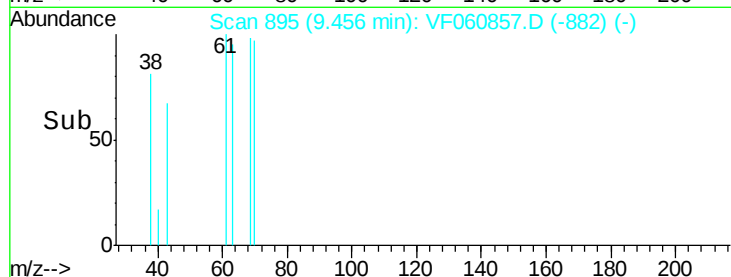
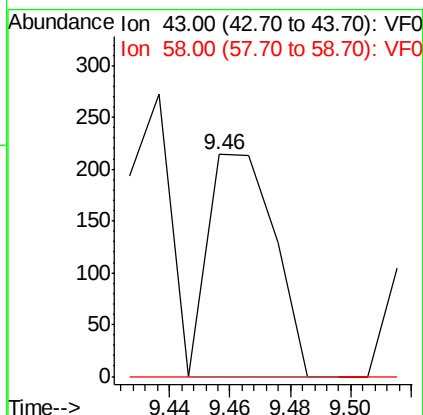
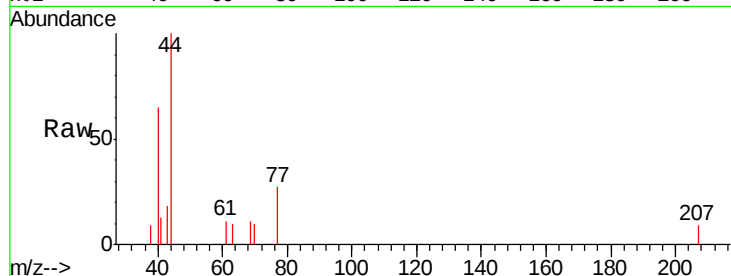




#59
2-Hexanone
Concen: 122.63 ug/l
RT: 9.46 min Scan# 895
Delta R.T. -0.07 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Instrument :
MSVOA_F
ClientSampleId :
RCA-07RE

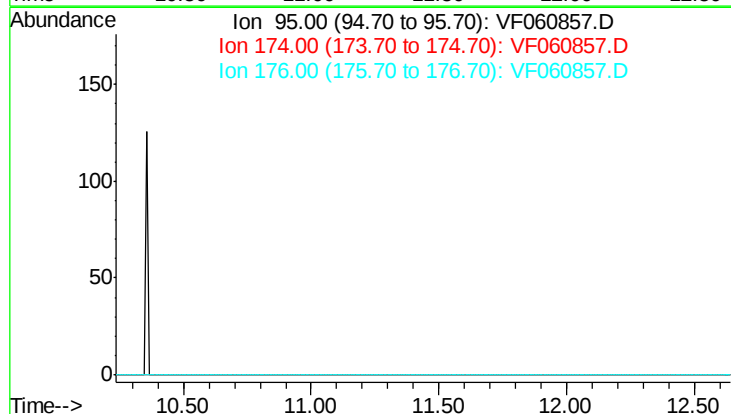
Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
58 0.0 25.6 76.6#

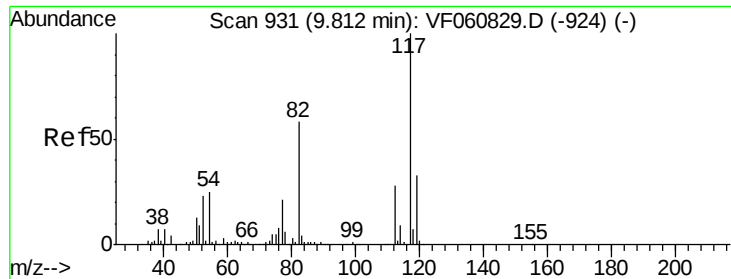


#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
Expected RT: 11.44 min

Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Tgt Ion: 95
Sig Exp Ratio
95 100
174 69.1
176 73.1

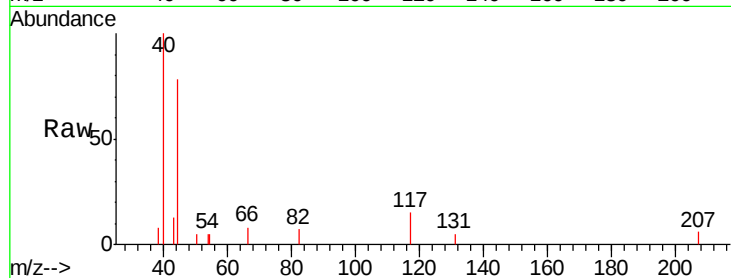




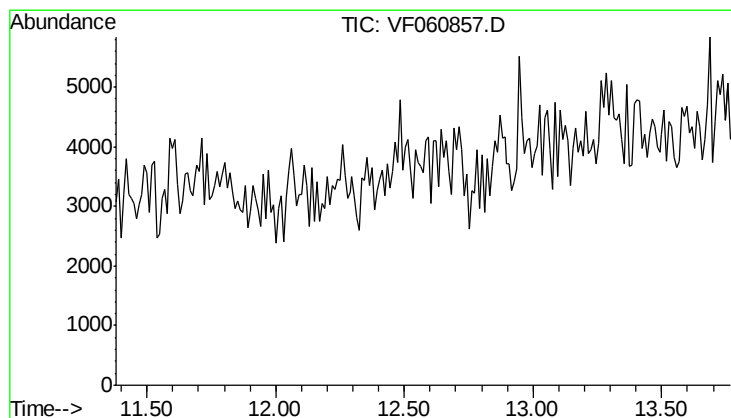
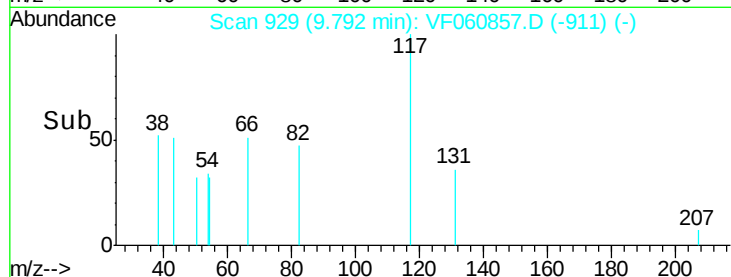
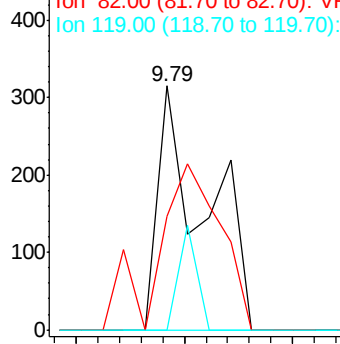
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Instrument :
MSVOA_F
ClientSampleId :
RCA-07RE

Tgt Ion: 117 Resp: 475
Ion Ratio Lower Upper
117 100
82 46.7 46.6 69.8
119 0.0 26.4 39.6#



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: 0.00 ug/l
Expected RT: 12.57 min

Lab File: VF060857.D
Acq: 28 Nov 2018 15:39

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.3
150 163.8

