

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112818\
 Data File : VF060854.D
 Acq On : 28 Nov 2018 14:13
 Operator : VA/AP
 Sample : J6080-01RE
 Misc : 11.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RCA-04RE

Quant Time: Nov 29 03:28:38 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	0.00	168	0	0.00	ug/l	-4.91
34) 1,4-Difluorobenzene	5.22	114	66	50.00	ug/l	-0.42
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.81
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.57

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.72	65	76	0.00	ug/l	-0.16
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
62) 4-Bromofluorobenzene	10.53	95	88	125.54	ug/l	-0.91
Spiked Amount 50.000			Recovery =	251.08%		

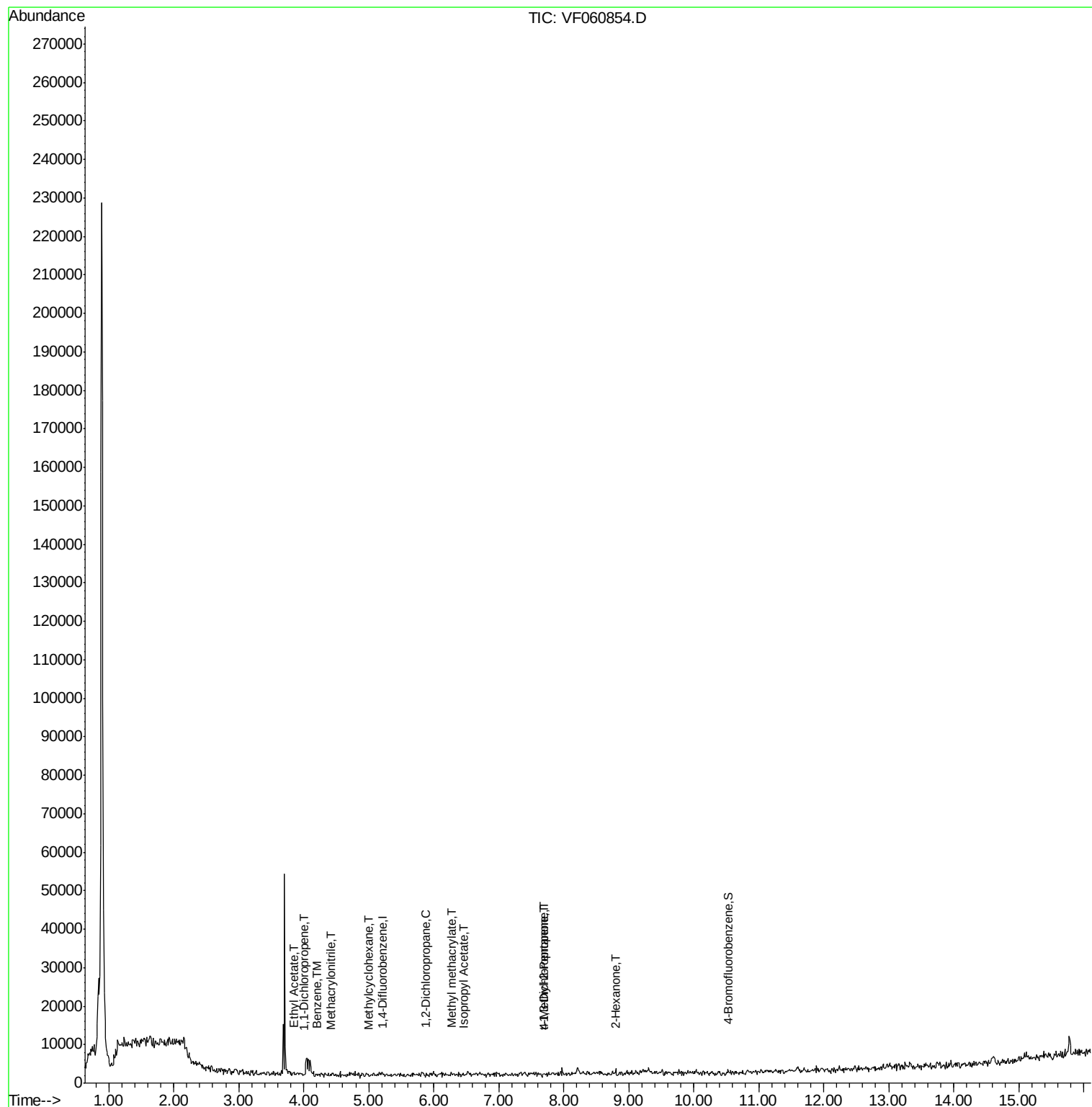
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	4.00	75	223	304.624	ug/l #	44
37) Ethyl Acetate	3.85	43	340	1142.910	ug/l #	14
39) Methylcyclohexane	5.00	83	72	93.851	ug/l #	13
40) Benzene	4.20	78	59	36.482	ug/l #	52
41) Methacrylonitrile	4.41	41	88	615.191	ug/l #	23
43) Isopropyl Acetate	6.46	43	80	227.620	ug/l #	49
45) 1,2-Dichloropropane	5.88	63	62	147.611	ug/l #	46
48) Methyl methacrylate	6.27	41	188	698.166	ug/l #	23
51) 4-Methyl-2-Pentanone	7.69	43	118	430.140	ug/l #	38
53) t-1,3-Dichloropropene	7.68	75	65	105.594	ug/l #	40
59) 2-Hexanone	8.78	43	275	1428.877	ug/l #	27

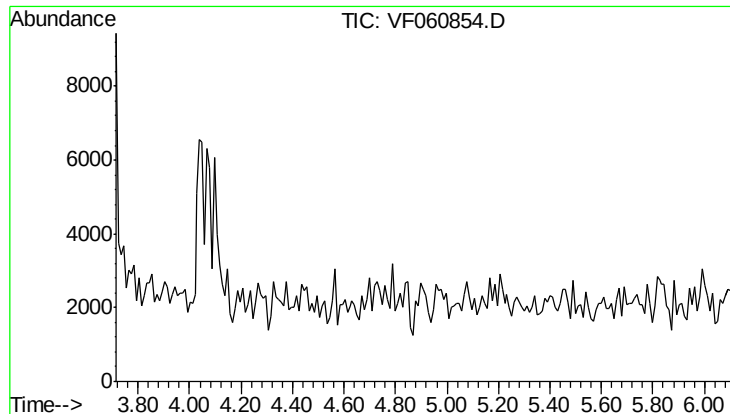
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
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QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.91 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

Tot Ion: 168

Sig Exp Ratio

168 100

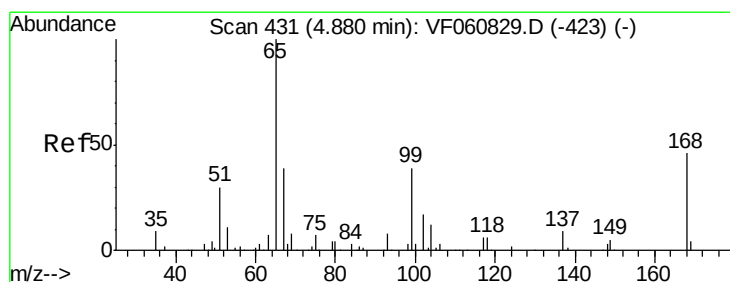
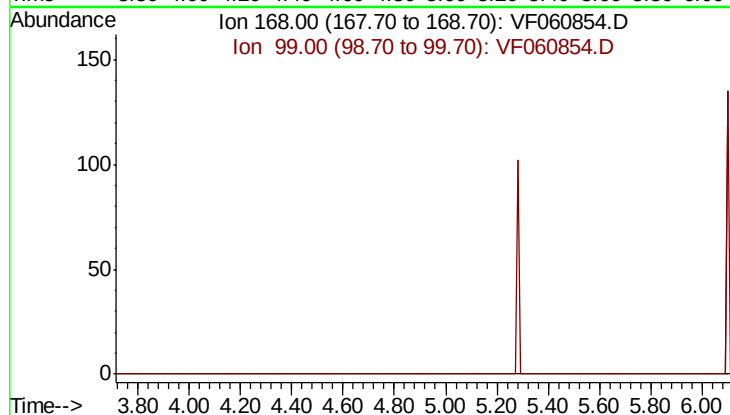
99 65.8

Instrument :

MSVOA_F

ClientSampleId :

RCA-04RE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.72 min Scan# 415

Delta R.T. -0.16 min

Lab File: VF060854.D

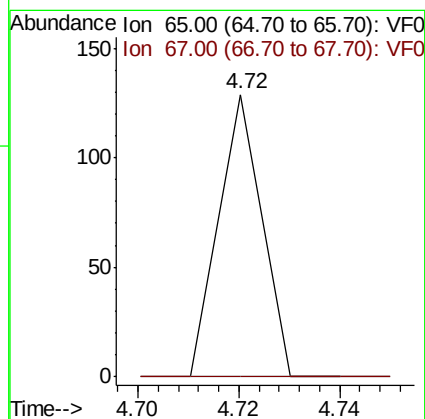
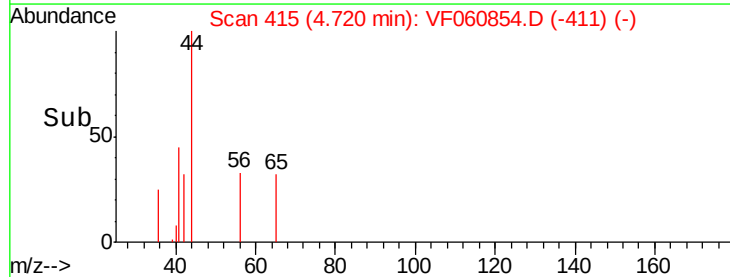
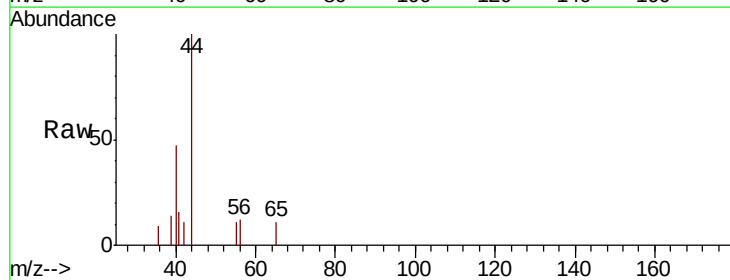
Acq: 28 Nov 2018 14:13

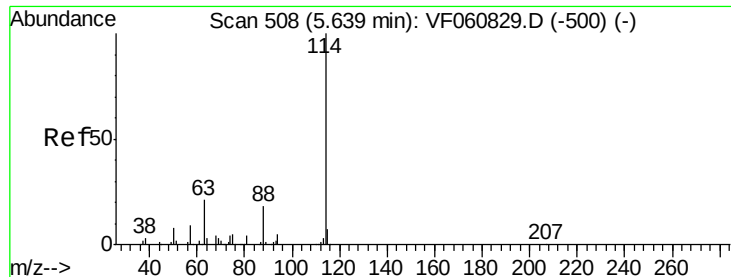
Tgt Ion: 65 Resp: 76

Ion Ratio Lower Upper

65 100

67 0.0 0.0 96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.22 min Scan# 466

Delta R.T. -0.42 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

RCA-04RE

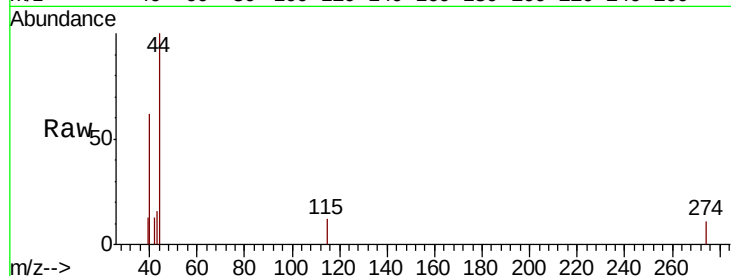
Tot Ion:114 Resp: 66

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

5.22

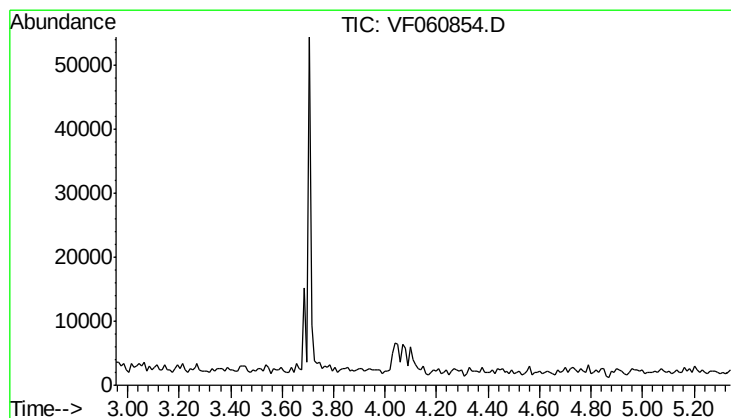
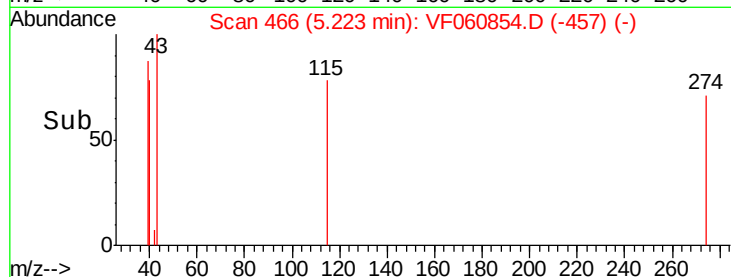
100

50

0

5.20 5.22 5.24

Time-->



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.15 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

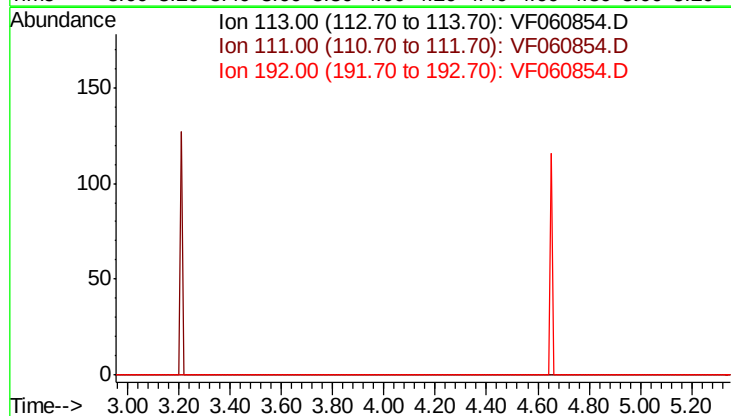
Tgt Ion: 113

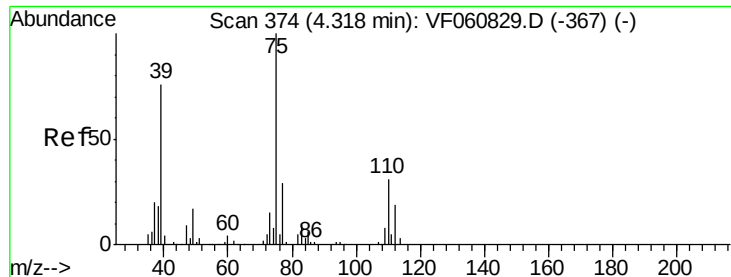
Sig Exp Ratio

113 100

111 103.8

192 15.4





#36

1,1-Dichloropropene

Concen: 304.624 ug/l

RT: 4.00 min Scan# 342

Delta R.T. -0.32 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

Instrument :

MSVOA_F

ClientSampled :

RCA-04RE

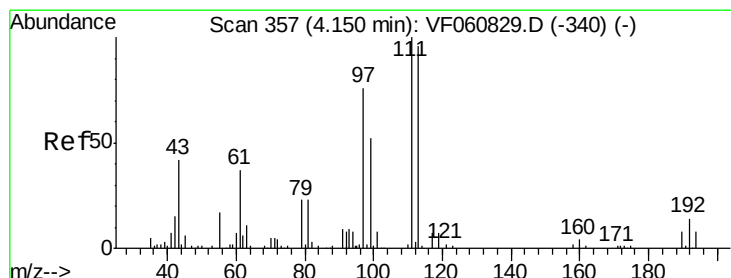
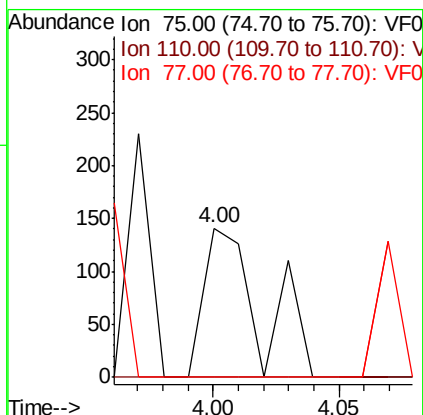
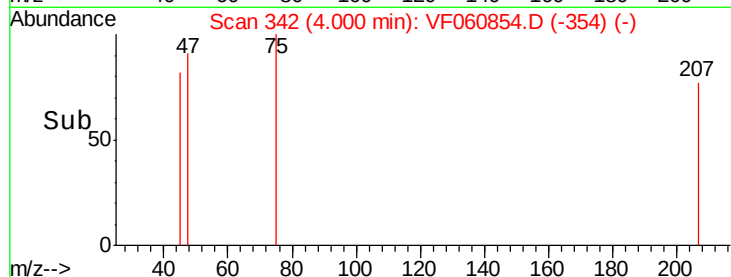
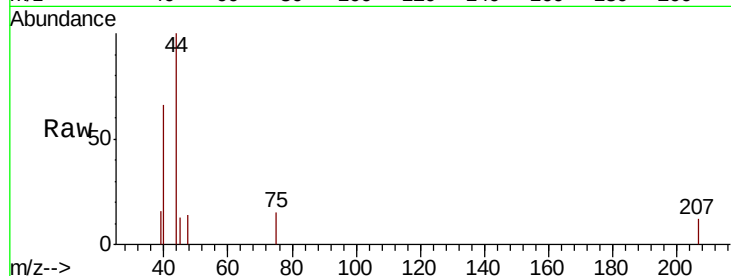
Tot Ion: 75 Resp: 223

Ion Ratio Lower Upper

75 100

110 0.0 15.6 46.8#

77 0.0 23.4 35.0#



#37

Ethyl Acetate

Concen: 1142.910 ug/l

RT: 3.85 min Scan# 327

Delta R.T. -0.30 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

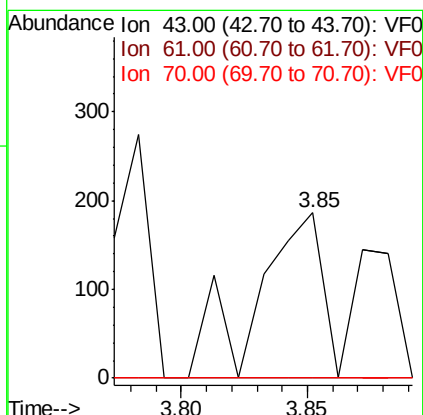
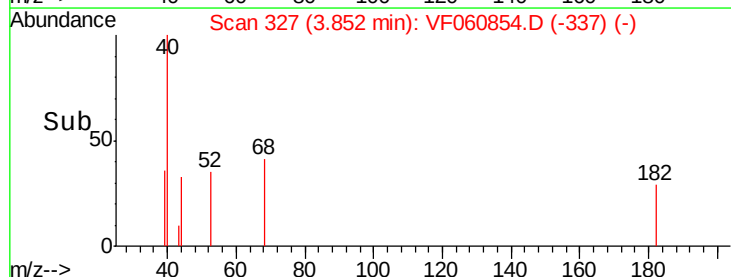
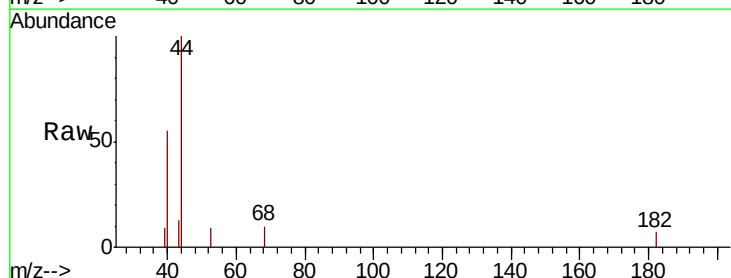
Tgt Ion: 43 Resp: 340

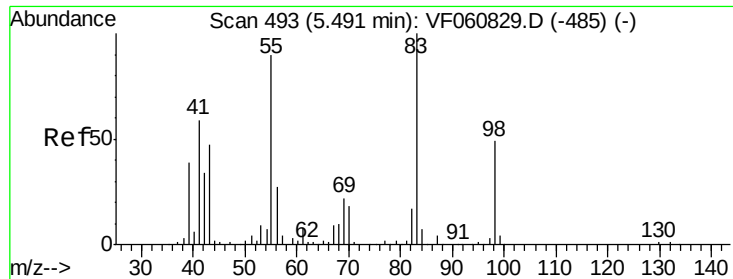
Ion Ratio Lower Upper

43 100

61 0.0 68.6 103.0#

70 0.0 9.0 13.4#

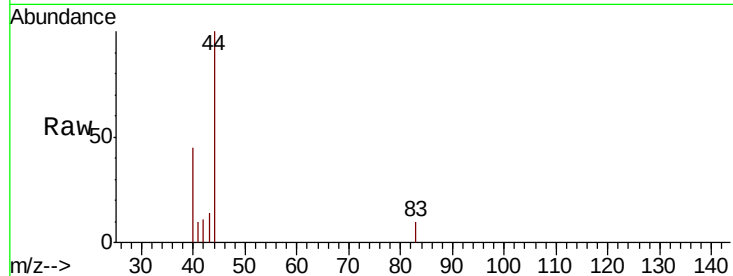




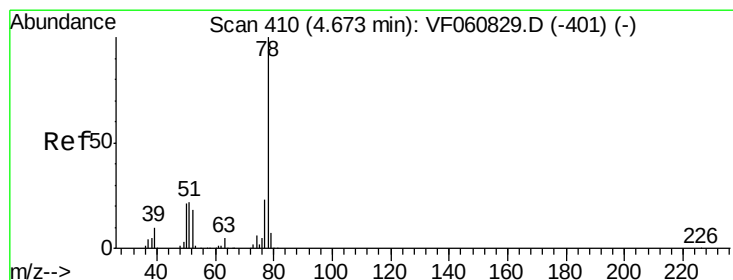
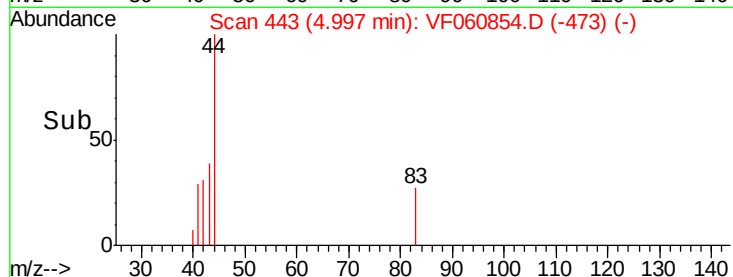
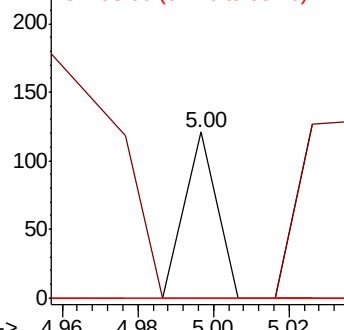
#39
Methylvlcyclohexane
Concen: 93.851 ug/l
RT: 5.00 min Scan# 443
Delta R.T. -0.49 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

Instrument :
MSVOA_F
ClientSampleId :
RCA-04RE

Tot Ion: 83 Resp: 72
Ion Ratio Lower Upper
83 100
55 0.0 72.1 108.1#
98 0.0 39.1 58.7#

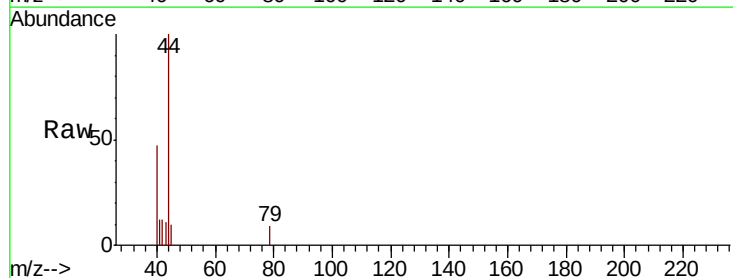


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

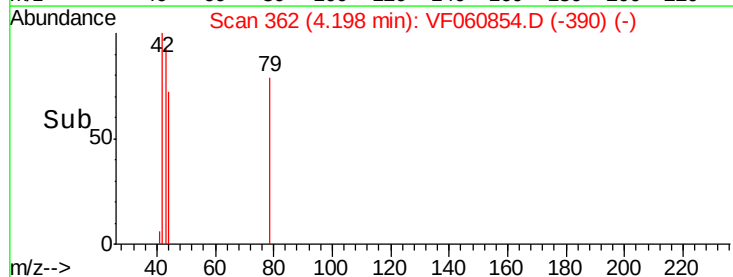
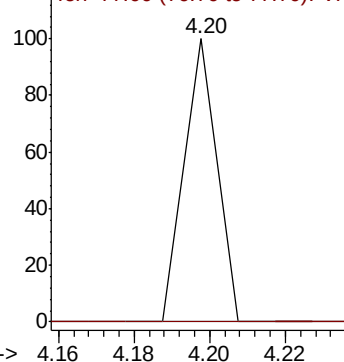


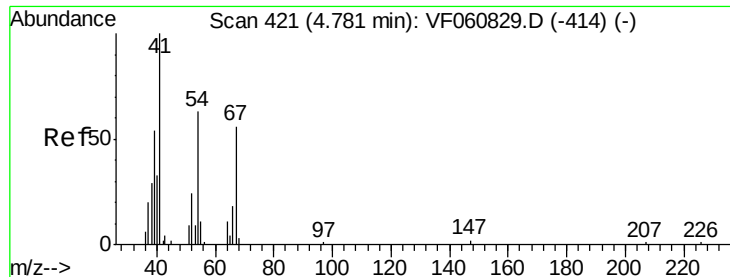
#40
Benzene
Concen: 36.482 ug/l
RT: 4.20 min Scan# 362
Delta R.T. -0.48 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

Tgt Ion: 78 Resp: 59
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

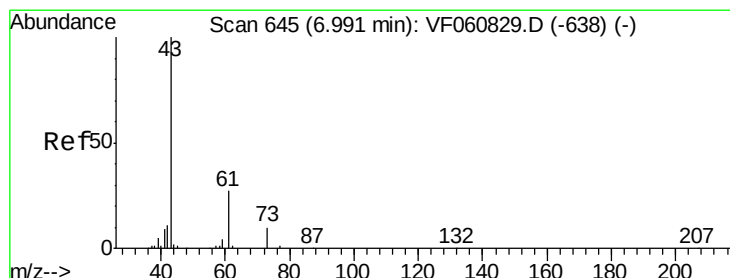
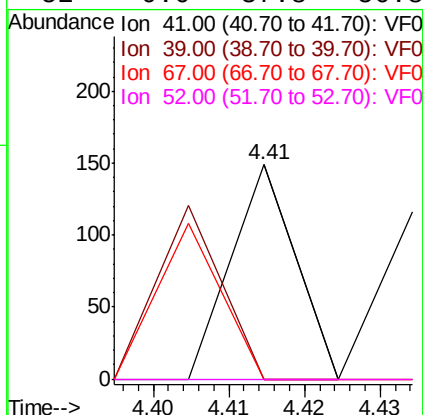
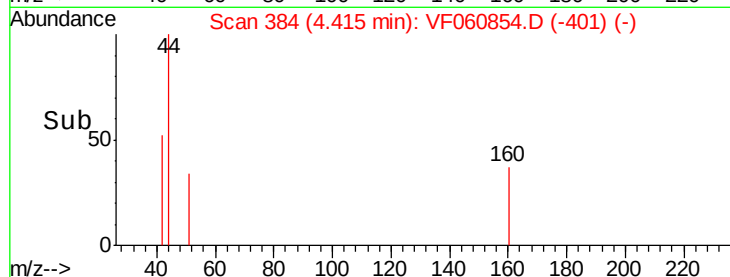
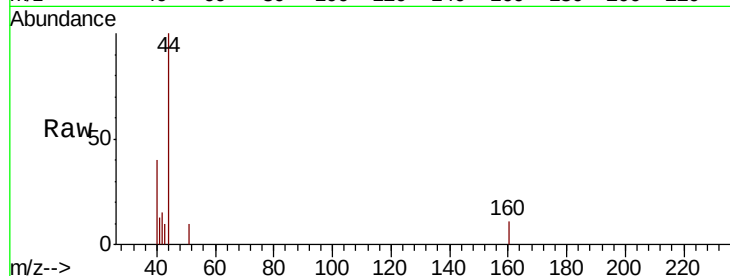




#41
Methacrylonitrile
Concen: 615.191 ug/l
RT: 4.41 min Scan# 384
Delta R.T. -0.37 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

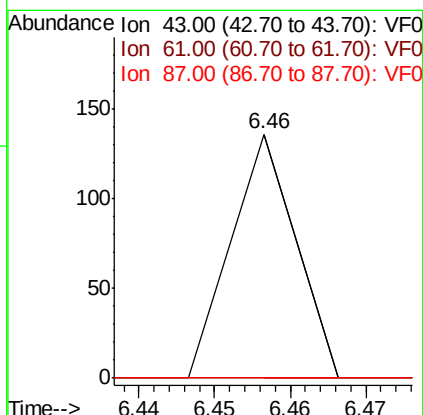
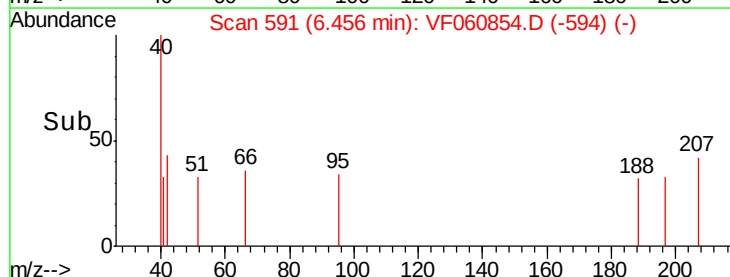
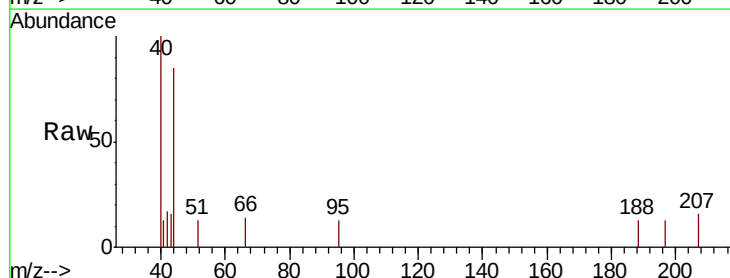
Instrument :
MSVOA_F
ClientSampleId :
RCA-04RE

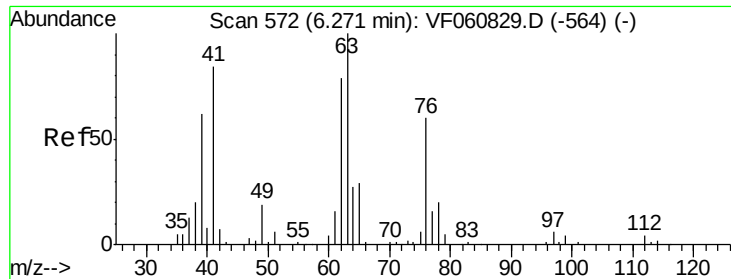
Tot Ion:	41	Resp:	88
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.6#
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#



#43
Isopropyl Acetate
Concen: 227.620 ug/l
RT: 6.46 min Scan# 591
Delta R.T. -0.53 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

Tgt Ion:	43	Resp:	80
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: 147.611 ug/l

RT: 5.88 min Scan# 533

Delta R.T. -0.39 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

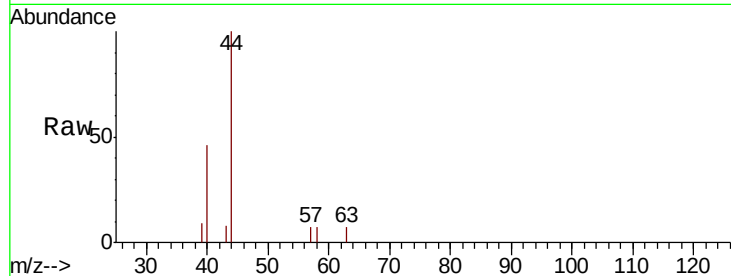
RCA-04RE

Tot Ion: 63 Resp: 62

Ion Ratio Lower Upper

63 100

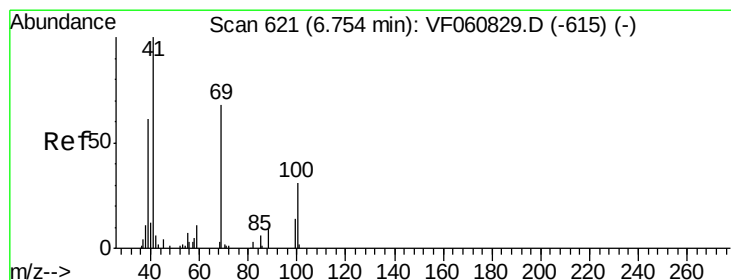
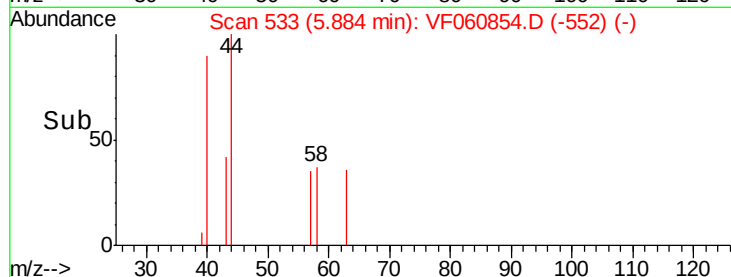
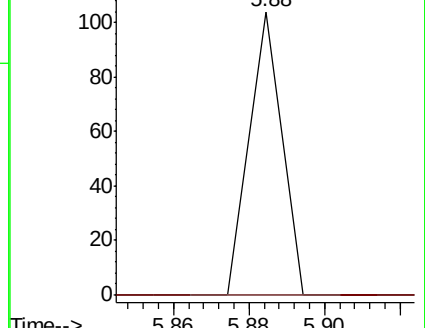
65 0.0 23.2 34.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

5.88



#48

Methyl methacrylate

Concen: 698.166 ug/l

RT: 6.27 min Scan# 572

Delta R.T. -0.49 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

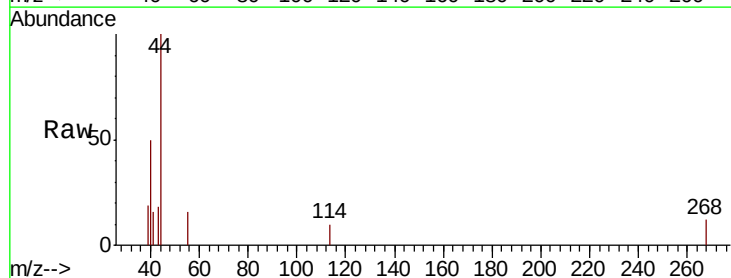
Tgt Ion: 41 Resp: 188

Ion Ratio Lower Upper

41 100

69 0.0 53.9 80.9#

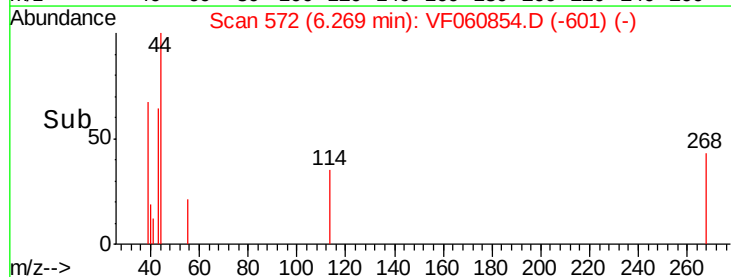
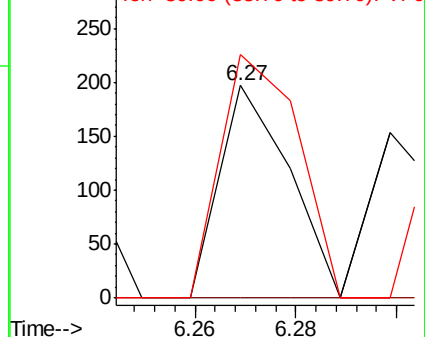
39 114.7 49.0 73.6#

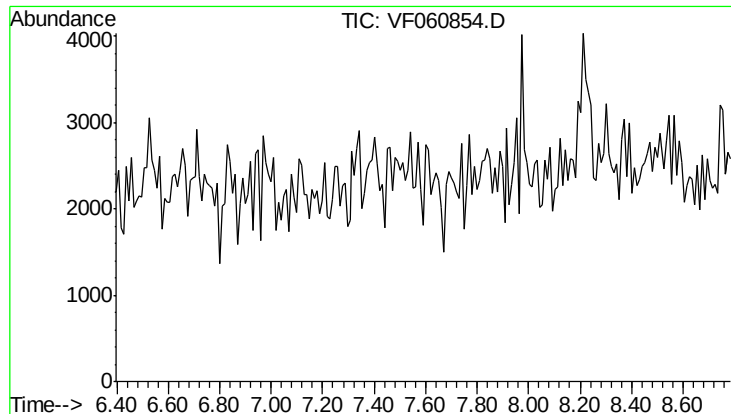


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



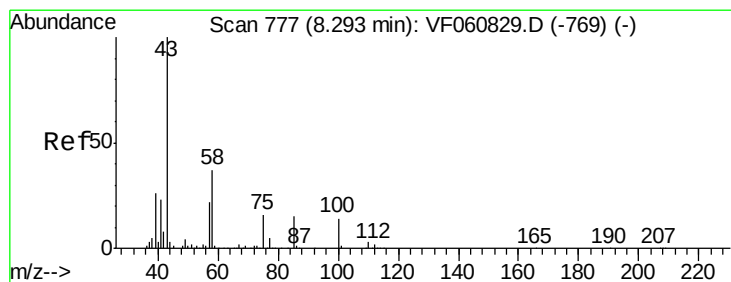
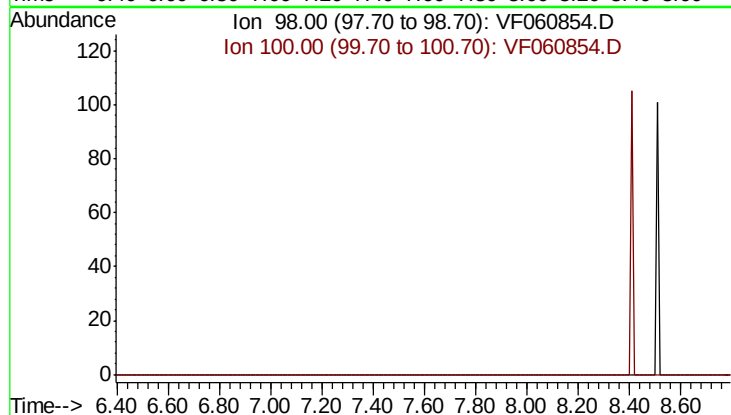


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.59 min

Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

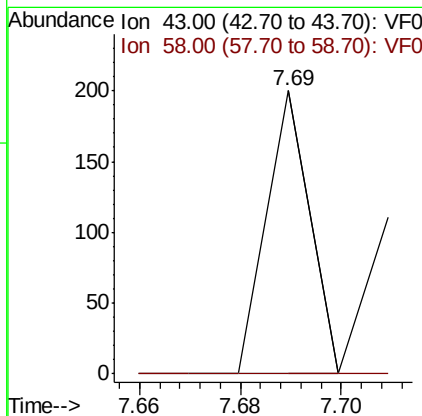
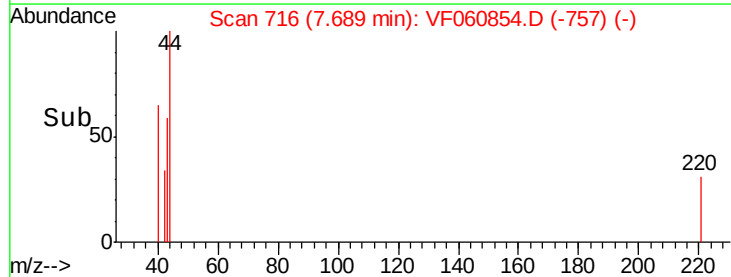
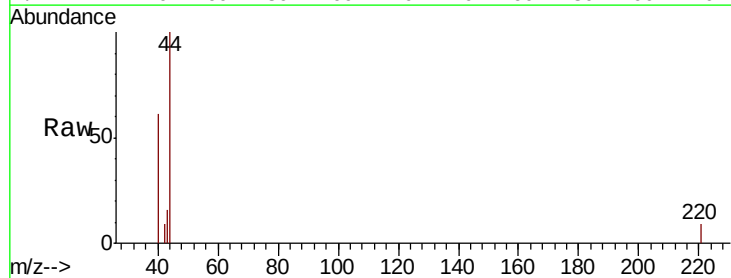
Instrument :
MSVOA_F
ClientSampleId :
RCA-04RE

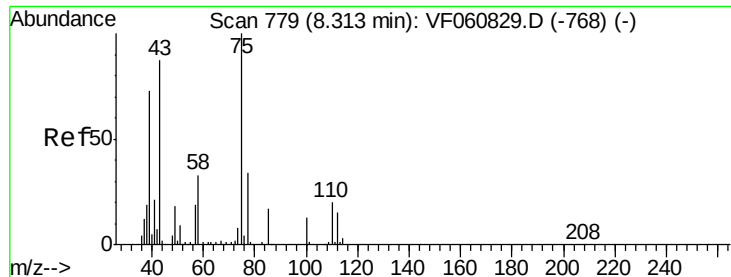
Tot Ion: 98
Sig Exp Ratio
98 100
100 74.1



#51
4-Methyl-2-Pentanone
Concen: 430.140 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.60 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 0.0 29.7 44.5#





#53

t-1,3-Dichloropropene

Concen: 105.594 ug/l

RT: 7.68 min Scan# 715

Delta R.T. -0.63 min

Lab File: VF060854.D

Acq: 28 Nov 2018 14:13

Instrument :

MSVOA_F

ClientSampleId :

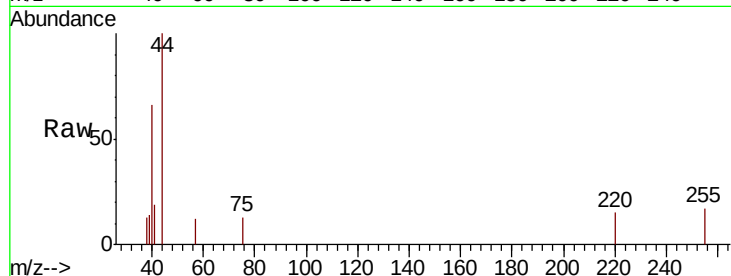
RCA-04RE

Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 0.0 27.4 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

7.68

120

100

80

60

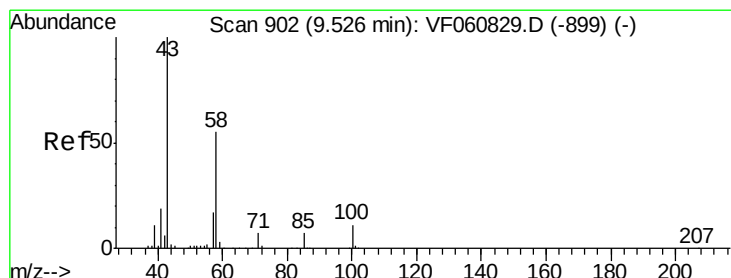
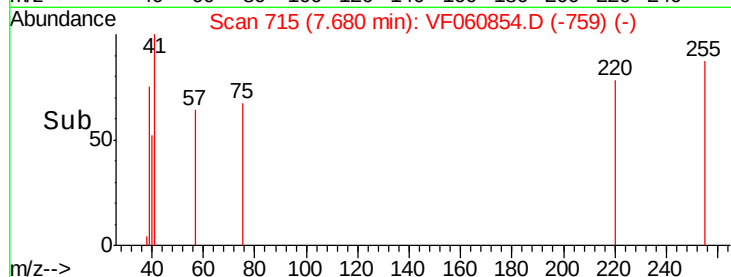
40

20

0

7.66 7.68 7.70

Time-->



#59

2-Hexanone

Concen: 1428.877 ug/l

RT: 8.78 min Scan# 827

Delta R.T. -0.74 min

Lab File: VF060854.D

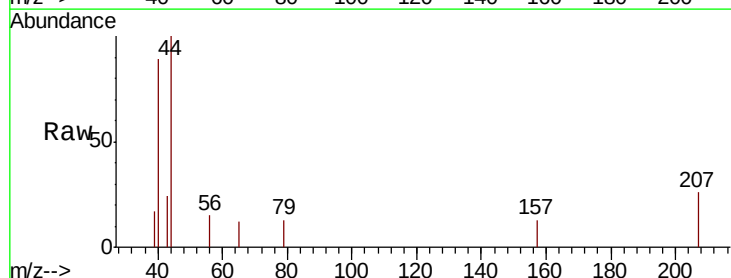
Acq: 28 Nov 2018 14:13

Tgt Ion: 43 Resp: 275

Ion Ratio Lower Upper

43 100

58 0.0 25.6 76.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.78

200

150

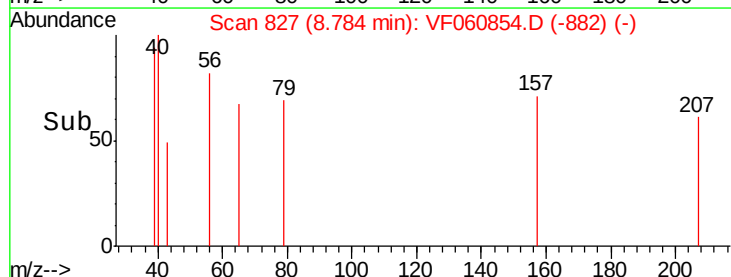
100

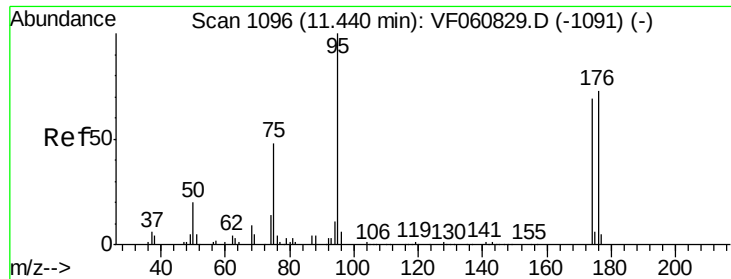
50

0

8.76 8.78 8.80 8.82

Time-->

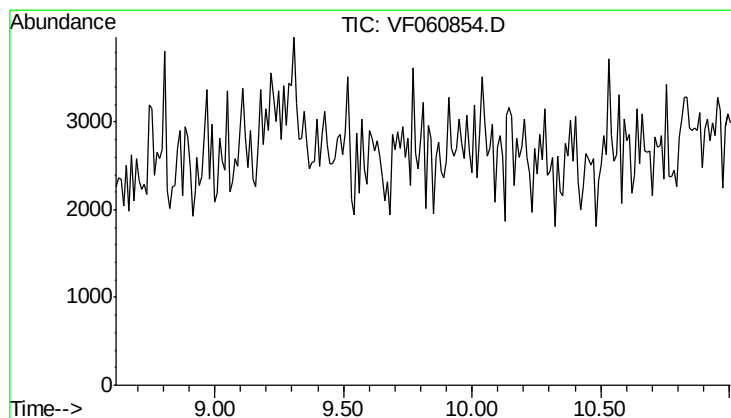
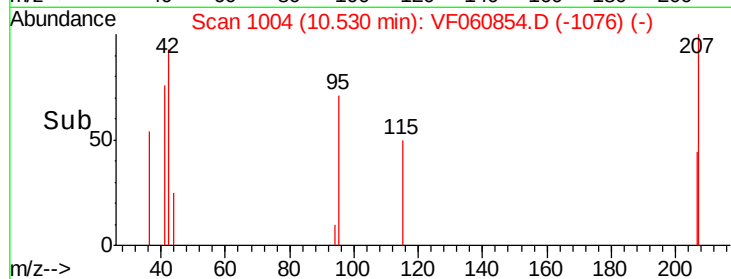
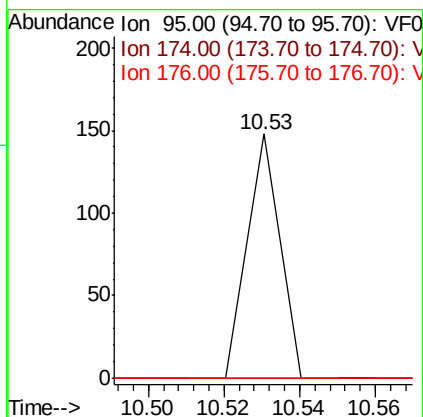
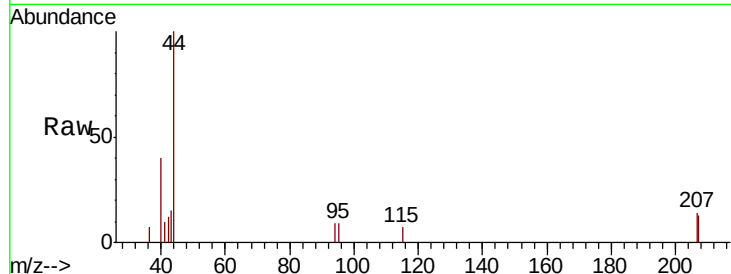




#62
4-Bromofluorobenzene
Concen: 125.539 ug/l
RT: 10.53 min Scan# 1004
Delta R.T. -0.91 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

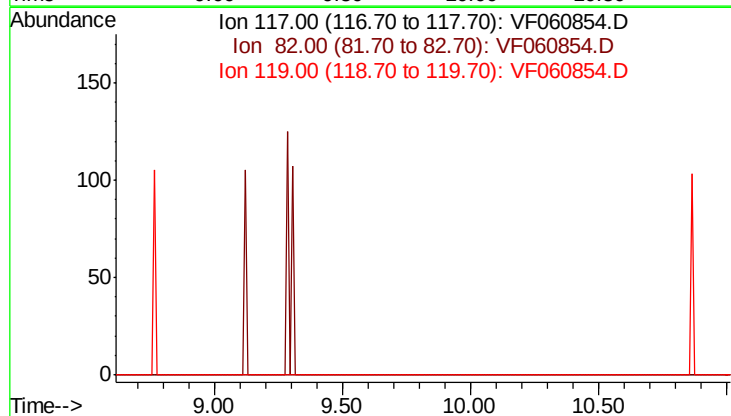
Instrument :
MSVOA_F
ClientSampleId :
RCA-04RE

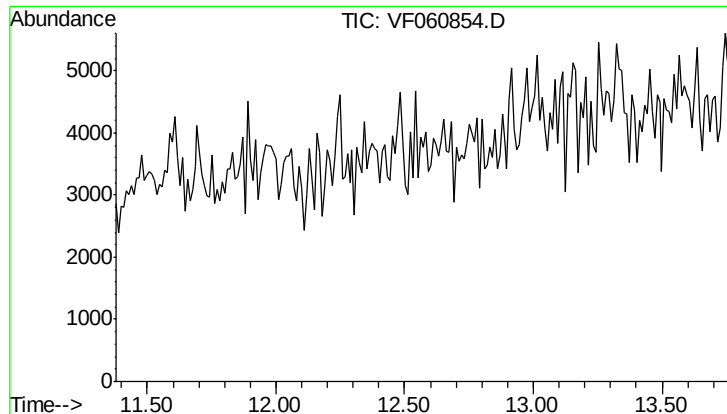
Tot Ion: 95 Resp: 88
Ion Ratio Lower Upper
95 100
174 0.0 0.0 138.2
176 0.0 0.0 146.2



#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.81 min
Lab File: VF060854.D
Acq: 28 Nov 2018 14:13

Tgt Ion: 117
Sig Exp Ratio
117 100
82 58.2
119 33.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 12.57 min
 Lab File: VF060854.D
 Acq: 28 Nov 2018 14:13

Instrument :
 MSVOA_F
 ClientSampleId :
 RCA-04RE

Tot Ion	152
Sig	Exp Ratio
152	100
115	60.3
150	163.8

