

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059556.D
 Acq On : 19 Jul 2018 13:04
 Operator : VA/AP
 Sample : J4030-07
 Misc : 6.77g/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB7-8

Quant Time: Jul 19 14:42:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 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	-5.05
34) 1,4-Difluorobenzene	5.69	114	117	50.00	ug/l	-0.09
63) Chlorobenzene-d5	9.66	117	69	50.00	ug/l	-0.28
72) 1,4-Dichlorobenzene-d4	12.78	152	75	50.00	ug/l	0.14

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	60	0.00	ug/l	-0.02
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	7.62	98	61	23.90	ug/l	-0.11
Spiked Amount	50.000		Recovery	=	47.80%	
62) 4-Bromofluorobenzene	11.34	95	81	60.49	ug/l	-0.18
Spiked Amount	50.000		Recovery	=	120.98%	

Target Compounds

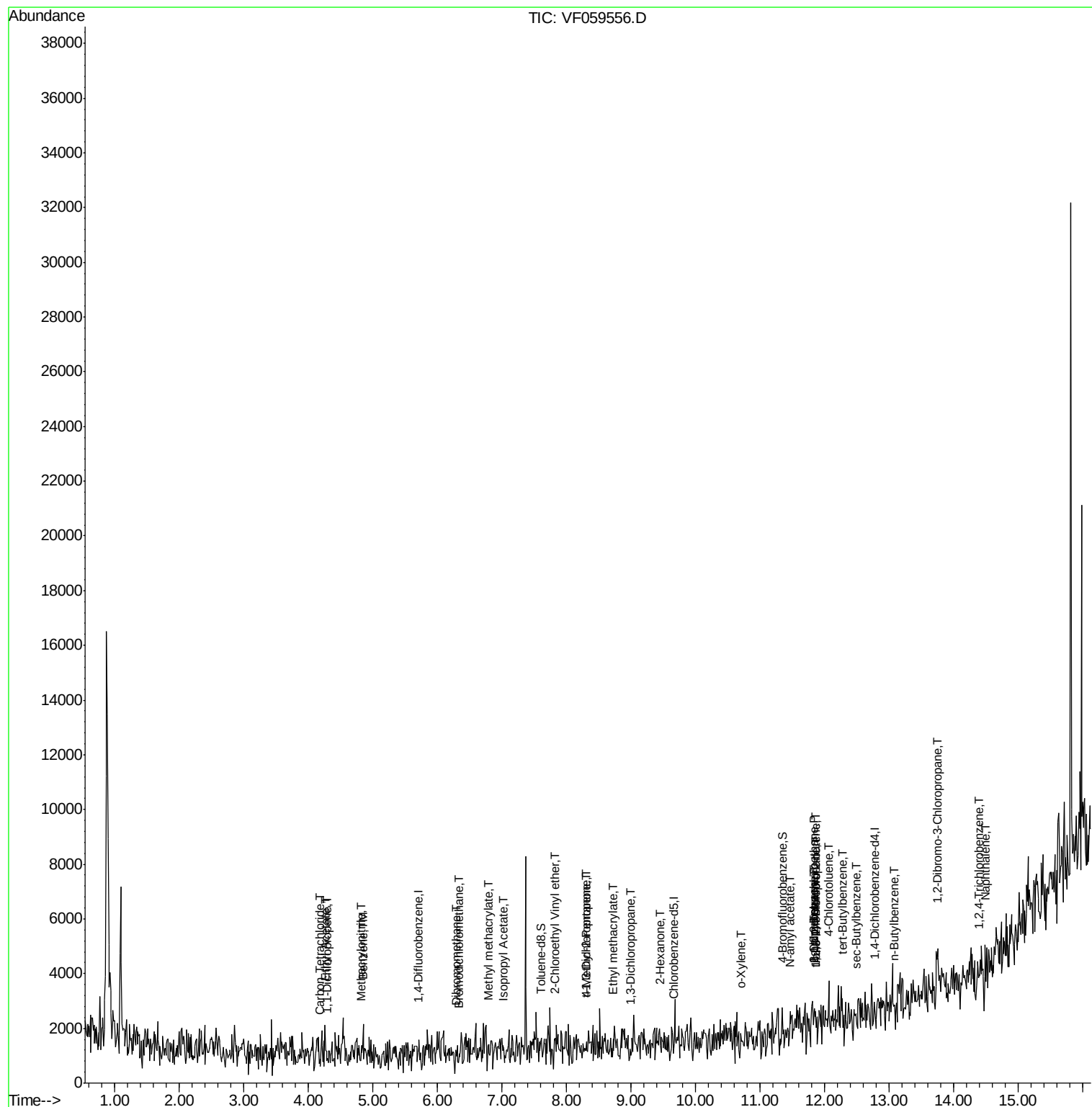
						Qvalue
36) 1,1-Dichloropropene	4.29	75	73	62.34	ug/l #	45
37) Ethyl Acetate	4.25	43	60	100.97	ug/l #	41
38) Carbon Tetrachloride	4.18	117	69	51.41	ug/l #	12
40) Benzene	4.85	78	128	56.34	ug/l #	51
41) Methacrylonitrile	4.83	41	107	318.61	ug/l #	27
43) Isopropyl Acetate	7.02	43	329	390.96	ug/l #	51
46) Dibromomethane	6.29	93	105	182.84	ug/l #	3
47) Bromodichloromethane	6.33	83	69	46.68	ug/l #	25
48) Methyl methacrylate	6.79	41	73	121.46	ug/l #	13
51) 4-Methyl-2-Pentanone	8.31	43	193	323.55	ug/l #	40
53) t-1,3-Dichloropropene	8.32	75	86	63.25	ug/l #	43
56) Ethyl methacrylate	8.72	69	60	75.78	ug/l #	22
57) 1,3-Dichloropropane	8.99	76	71	62.89	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.81	63	88	1258.95	ug/l	100
59) 2-Hexanone	9.45	43	73	161.93	ug/l #	30
69) o-Xylene	10.70	106	67	77.39	ug/l #	1
74) N-amyl acetate	11.46	43	248	163.62	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.85	83	71	68.78	ug/l #	26
76) 1,2,3-Trichloropropane	11.86	75	74	87.79	ug/l #	38
78) n-propylbenzene	11.84	91	86	15.84	ug/l #	53
79) 2-Chlorotoluene	11.84	91	86	25.72	ug/l #	43
81) trans-1,4-Dichloro-2-buten	11.86	75	74	192.18	ug/l #	6
82) 4-Chlorotoluene	12.06	91	82	21.89	ug/l #	46
83) tert-Butylbenzene	12.27	119	64	16.82	ug/l #	26
85) sec-Butylbenzene	12.50	105	68	14.05	ug/l #	56
89) n-Butylbenzene	13.08	91	86	21.82	ug/l #	30
92) 1,2-Dibromo-3-Chloropropan	13.76	75	79	337.82	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.39	180	60	45.37	ug/l #	12
95) Naphthalene	14.49	128	73	26.57	ug/l #	69

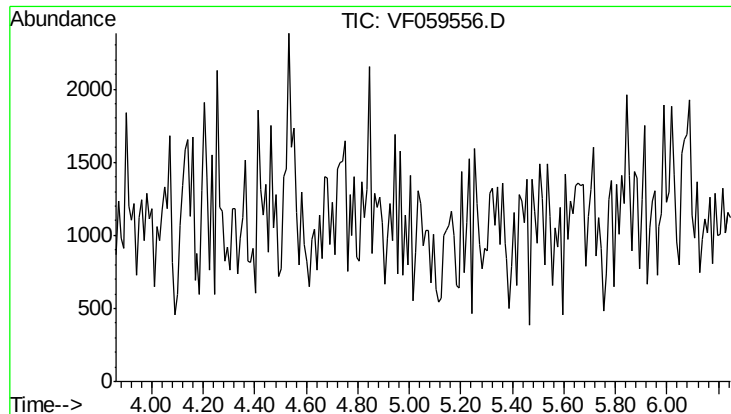
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 14:42:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.05 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Tot Ion: 168

Sig Exp Ratio

168 100

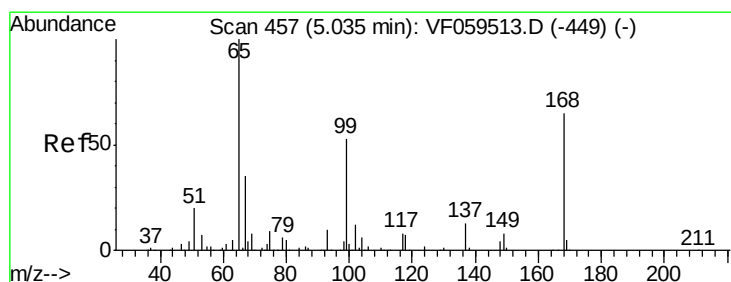
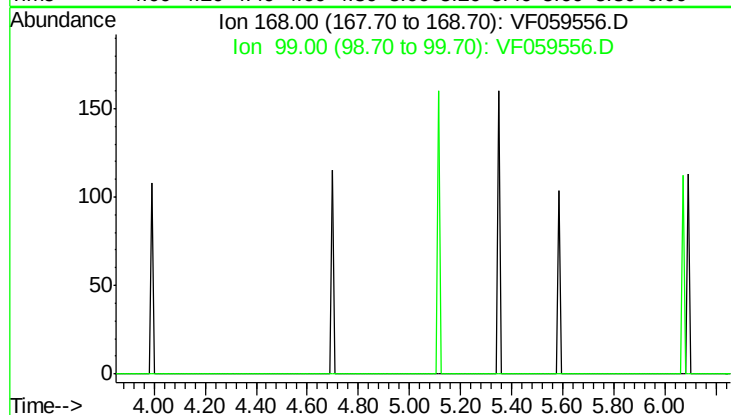
99 72.0

Instrument :

MSVOA_F

ClientSampleId :

SB7-8



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059556.D

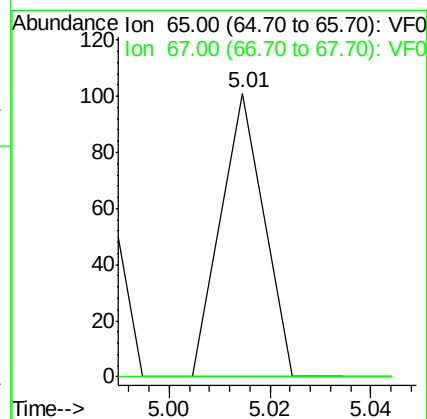
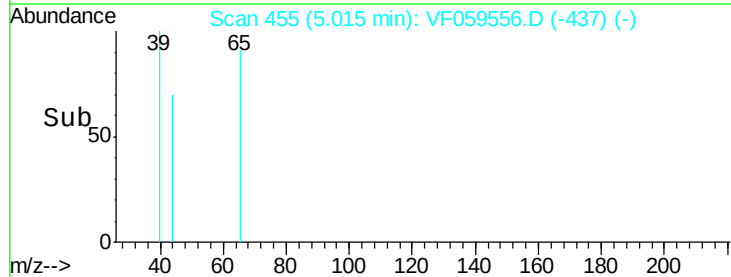
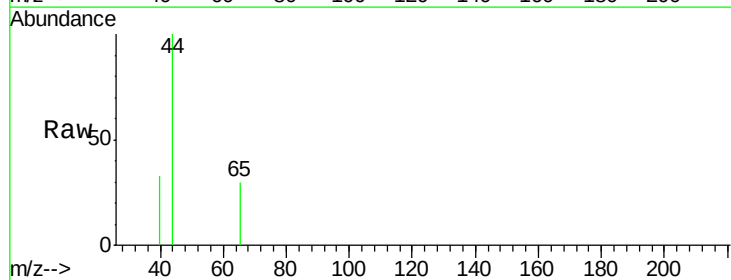
Acq: 19 Jul 2018 13:04

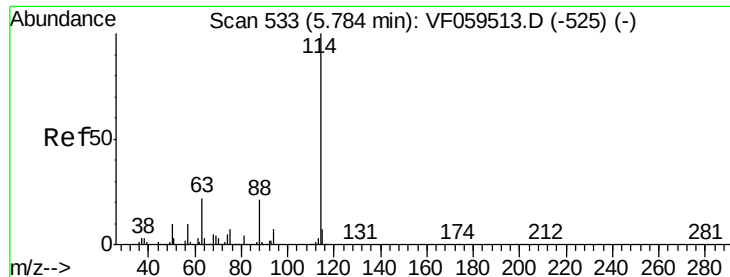
Tgt Ion: 65 Resp: 60

Ion Ratio Lower Upper

65 100

67 0.0 0.0 91.2

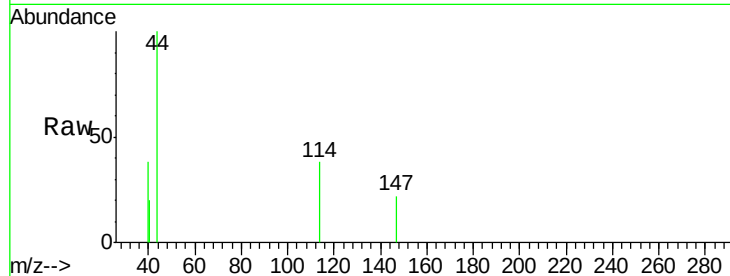




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.69 min Scan# 524
 Delta R.T. -0.09 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 SB7-8

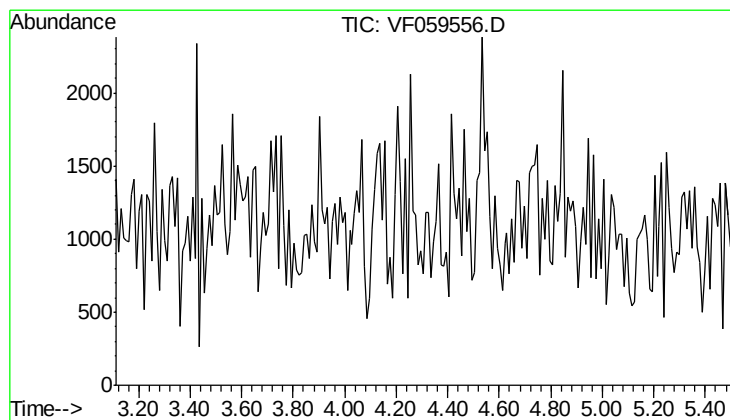
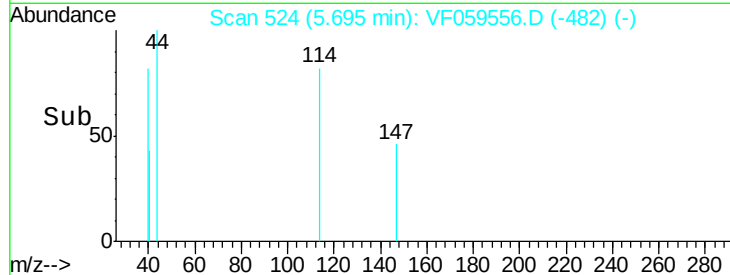
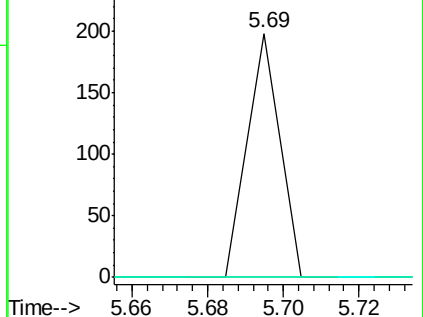
Tot Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.8
88	0.0	0.0	42.6



Abundance Ion 114.00 (113.70 to 114.70): VF059556.D

Ion 63.00 (62.70 to 63.70): VF059556.D

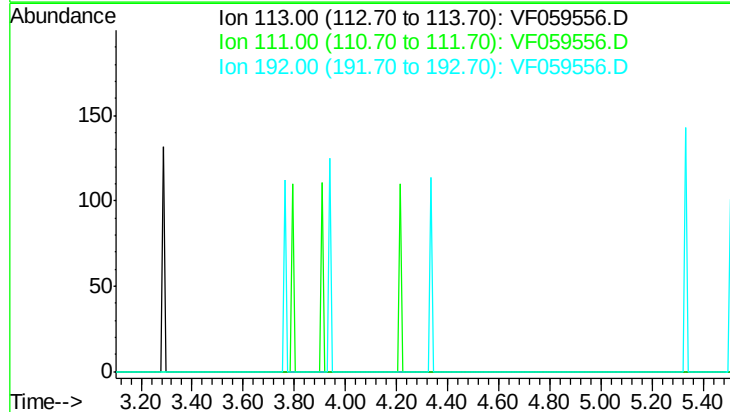
Ion 88.00 (87.70 to 88.70): VF059556.D

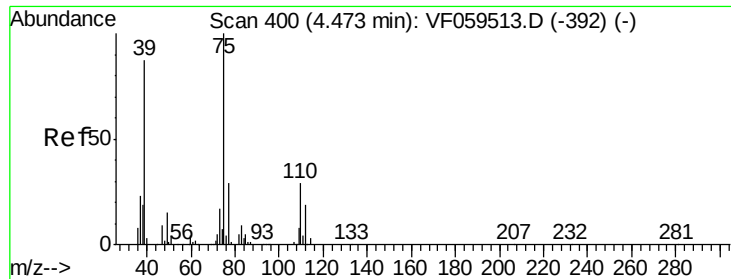


#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 4.31 min

Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

Tgt Ion	Exp Ratio
113	100
111	100.4
192	16.4

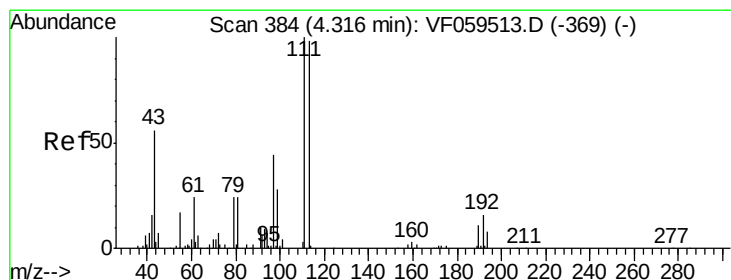
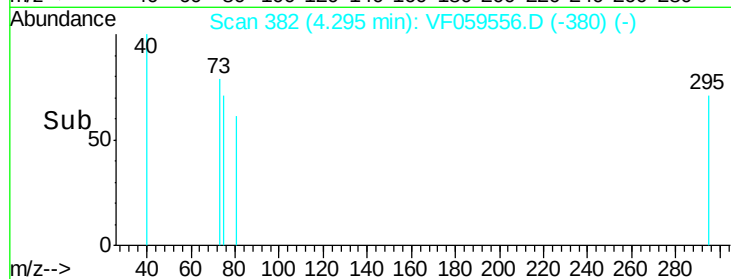
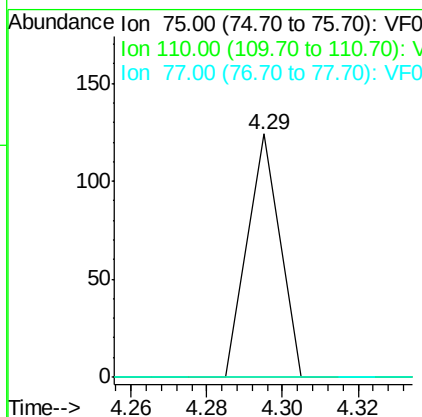
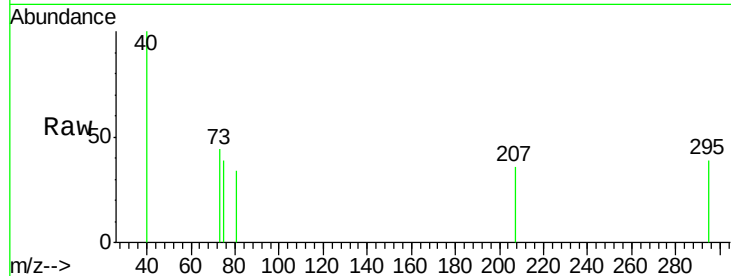




#36
 1,1-Dichloropropene
 Concen: 62.34 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. -0.18 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

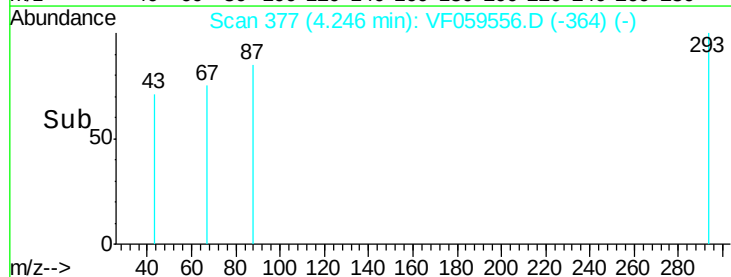
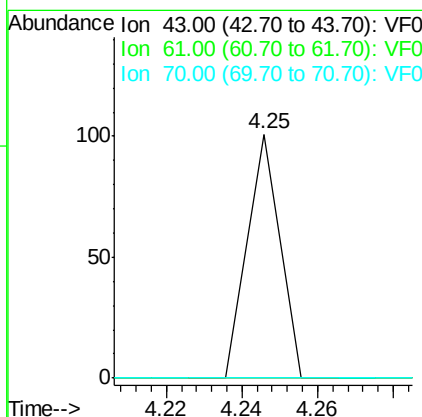
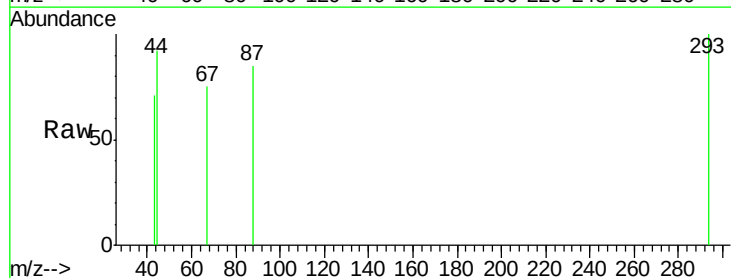
Instrument :
 MSVOA_F
 ClientSampleId :
 SB7-8

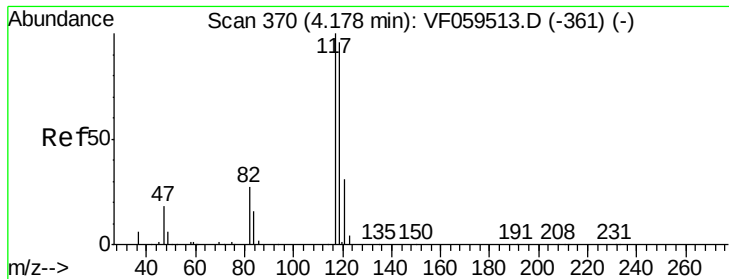
Tot Ion: 75 Resp: 73
 Ion Ratio Lower Upper
 75 100
 110 0.0 14.6 43.8#
 77 0.0 23.7 35.5#



#37
 Ethyl Acetate
 Concen: 100.97 ug/l
 RT: 4.25 min Scan# 377
 Delta R.T. -0.07 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 61 0.0 33.7 50.5#
 70 0.0 7.4 11.0#





#38

Carbon Tetrachloride

Concen: 51.41 ug/l

RT: 4.18 min Scan# 370

Delta R.T. -0.00 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampleId :

SB7-8

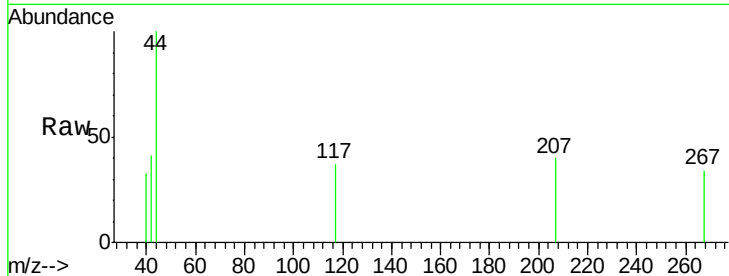
Tot Ion:117 Resp: 69

Ion Ratio Lower Upper

117 100

119 0.0 77.6 116.4#

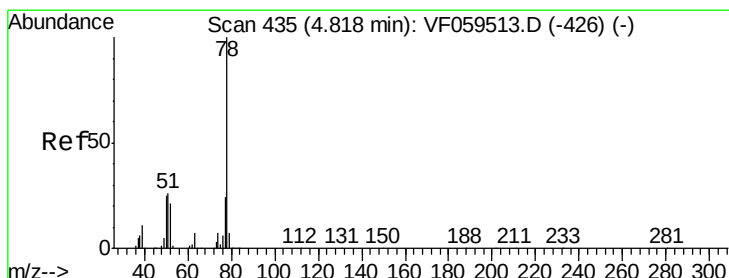
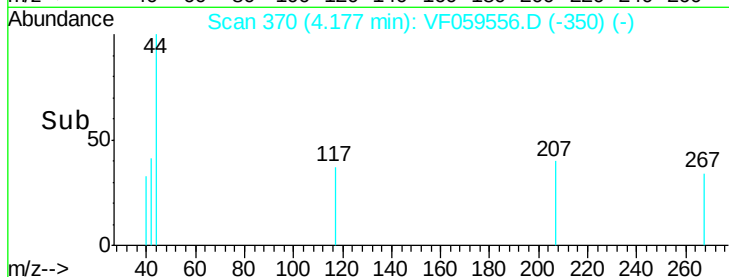
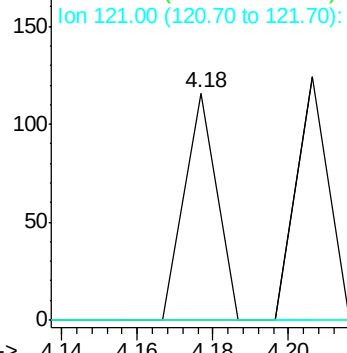
121 0.0 24.9 37.3#



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: 56.34 ug/l

RT: 4.85 min Scan# 438

Delta R.T. 0.03 min

Lab File: VF059556.D

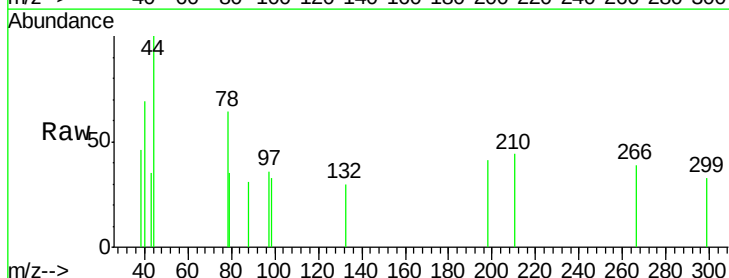
Acq: 19 Jul 2018 13:04

Tgt Ion: 78 Resp: 128

Ion Ratio Lower Upper

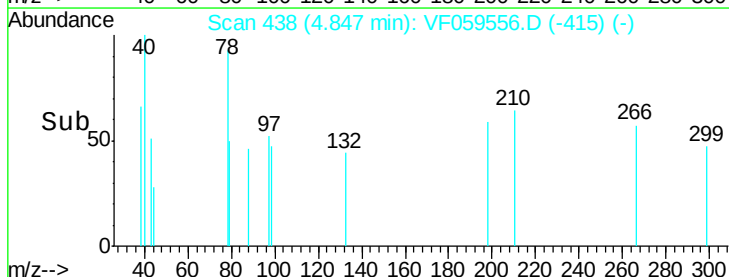
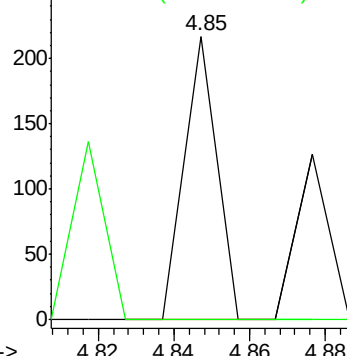
78 100

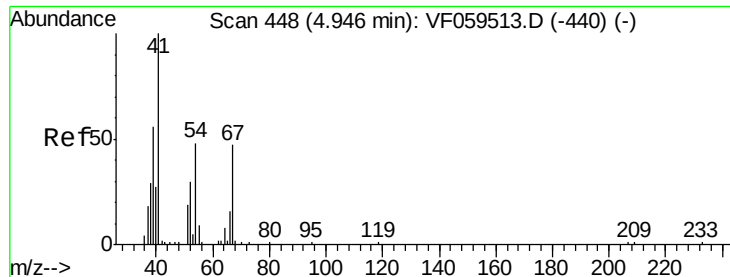
77 0.0 19.4 29.0#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

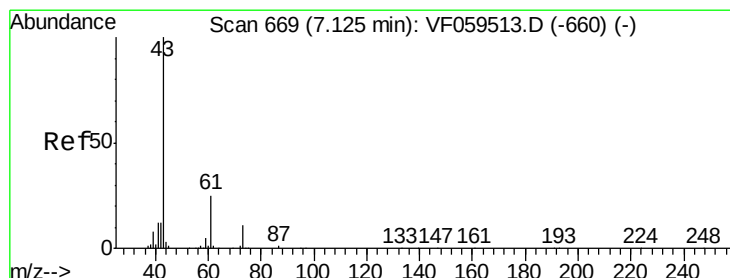
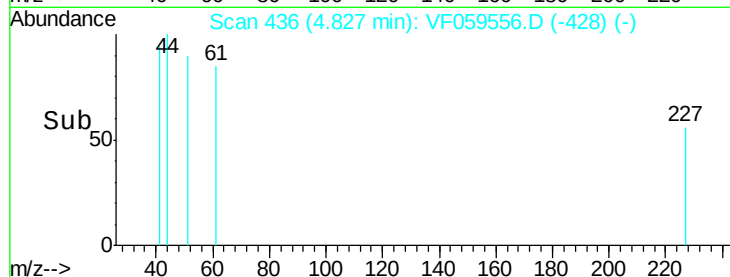
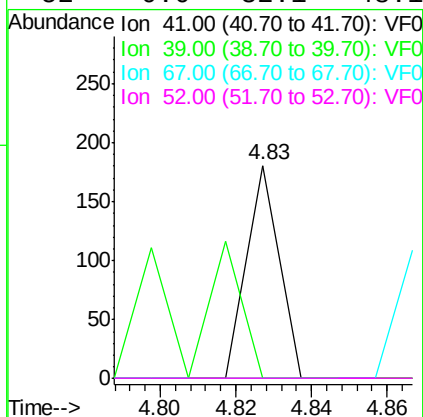
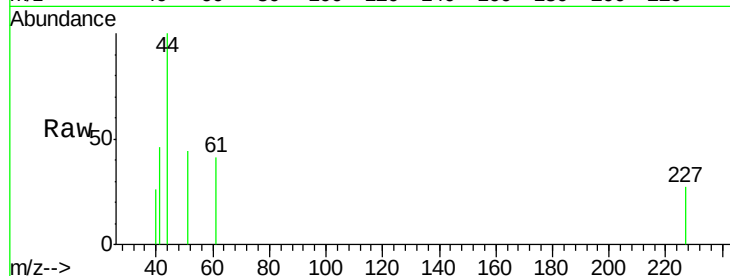




#41
Methacrylonitrile
Concen: 318.61 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.12 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

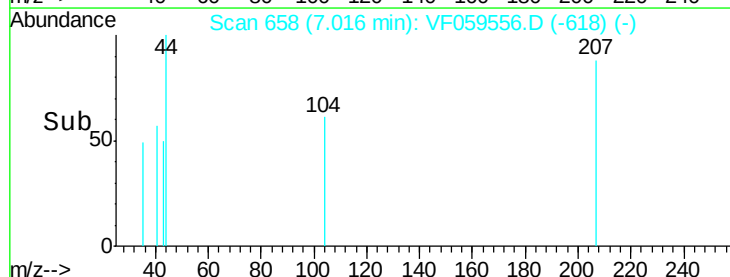
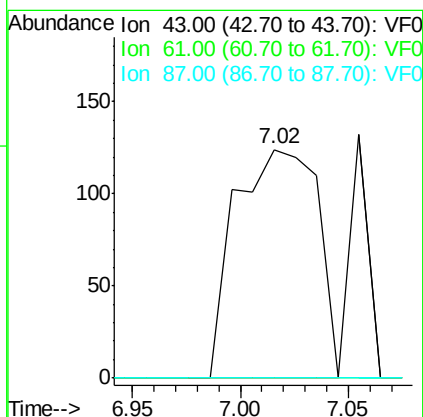
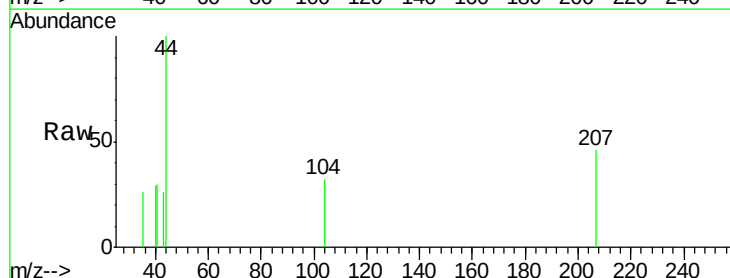
Instrument :
MSVOA_F
ClientSampled :
SB7-8

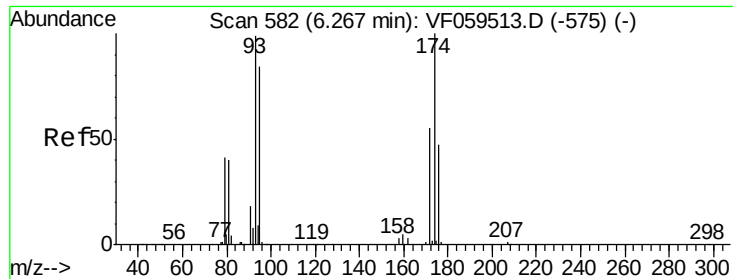
Tot Ion:	41	Resp:	107
Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.4	74.0#
67	0.0	37.4	56.2#
52	0.0	32.1	48.1#



#43
Isopropyl Acetate
Concen: 390.96 ug/l
RT: 7.02 min Scan# 658
Delta R.T. -0.11 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Tgt Ion:	43	Resp:	329
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.4	0.6#

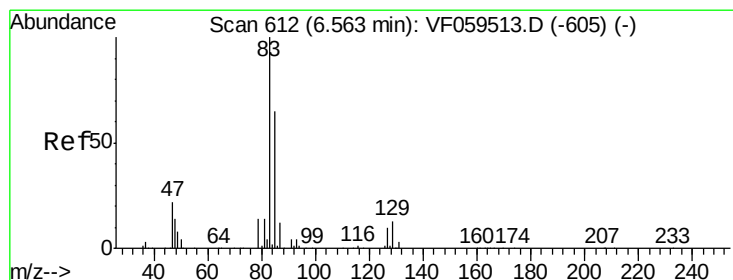
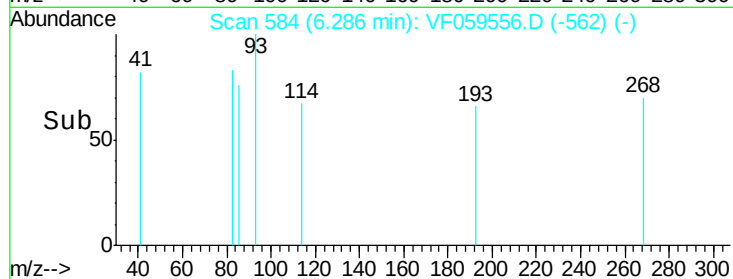
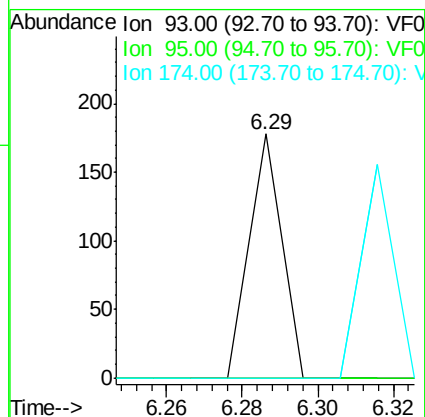
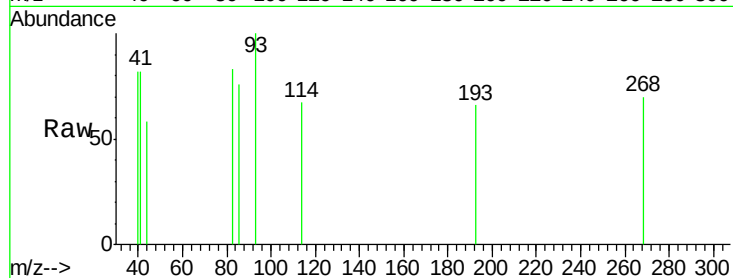




#46
Dibromomethane
Concen: 182.84 ug/l
RT: 6.29 min Scan# 584
Delta R.T. 0.02 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

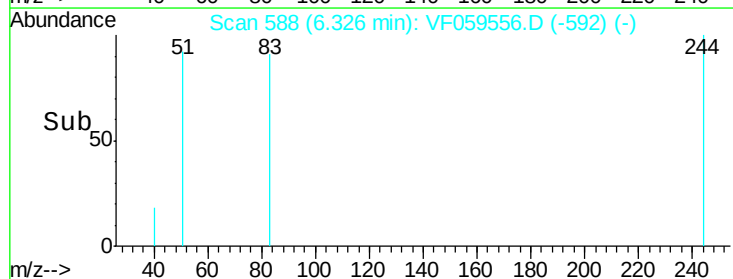
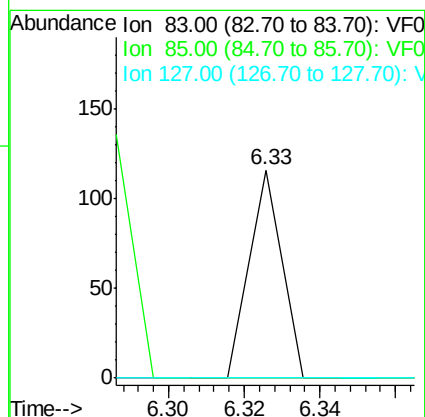
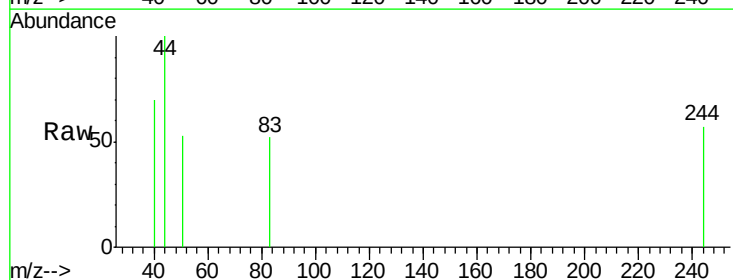
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MSVOA_F
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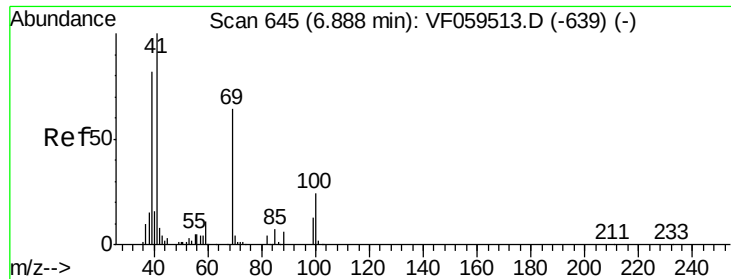
Tot Ion: 93 Resp: 105
Ion Ratio Lower Upper
93 100
95 0.0 68.3 102.5#
174 0.0 81.2 121.8#



#47
Bromodichloromethane
Concen: 46.68 ug/l
RT: 6.33 min Scan# 588
Delta R.T. -0.24 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Tgt Ion: 83 Resp: 69
Ion Ratio Lower Upper
83 100
85 0.0 52.4 78.6#
127 0.0 8.2 12.4#

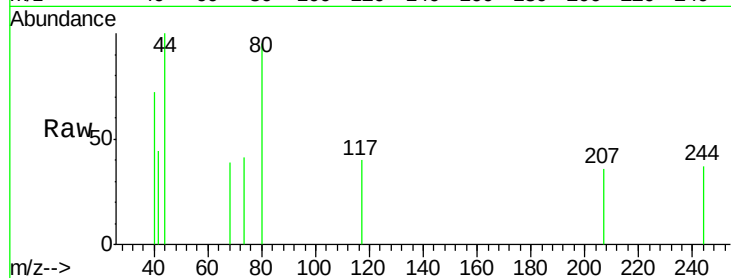




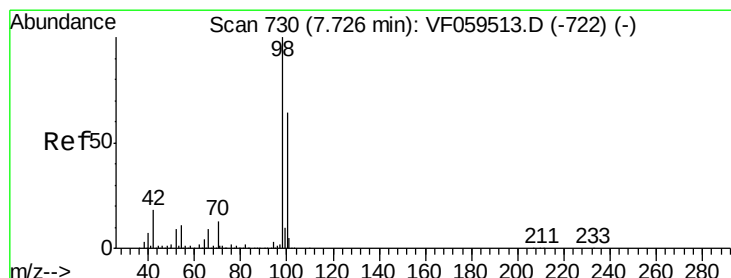
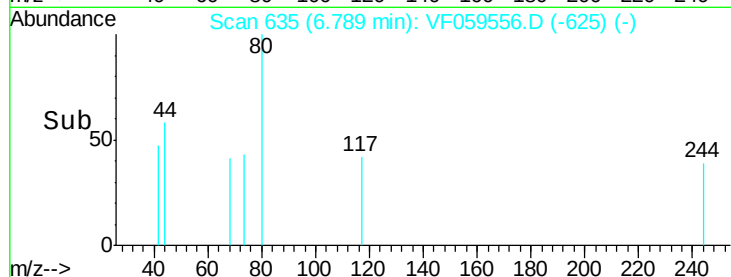
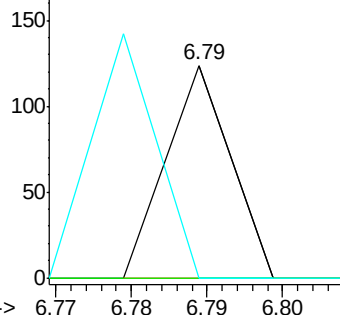
#48
Methvl methacrylate
Concen: 121.46 ug/l
RT: 6.79 min Scan# 635
Delta R.T. -0.10 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Instrument :
MSVOA_F
ClientSampleId :
SB7-8

Tot Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
69 0.0 51.3 76.9#
39 0.0 65.3 97.9#

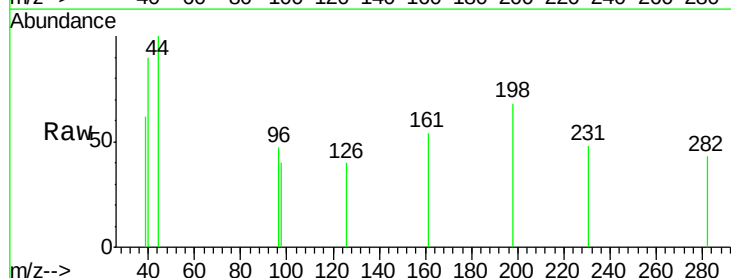


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

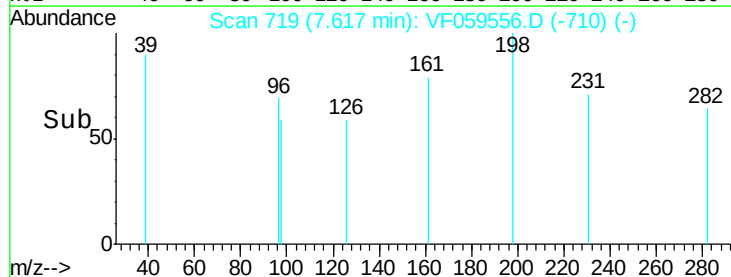
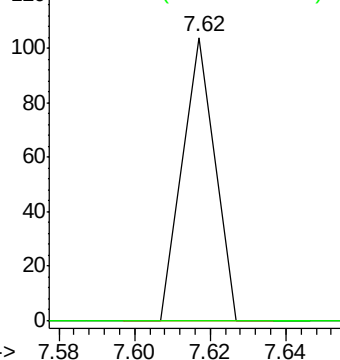


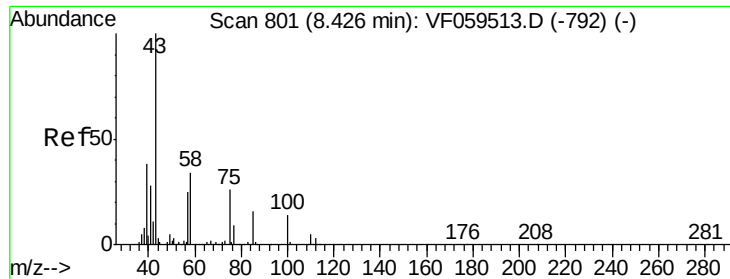
#50
Toluene-d8
Concen: 23.90 ug/l
RT: 7.62 min Scan# 719
Delta R.T. -0.11 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Tgt Ion: 98 Resp: 61
Ion Ratio Lower Upper
98 100
100 0.0 50.9 76.3#



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: 323.55 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.12 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampled :

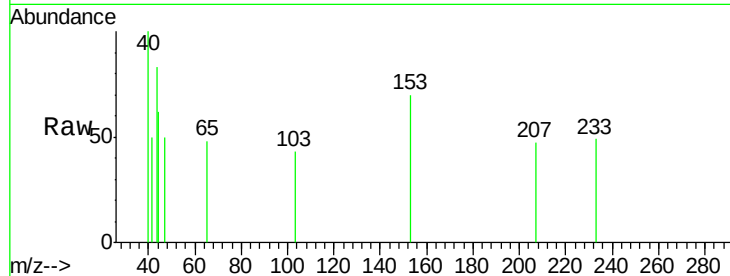
SB7-8

Tot Ion: 43 Resp: 193

Ion Ratio Lower Upper

43 100

58 0.0 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.31

200

150

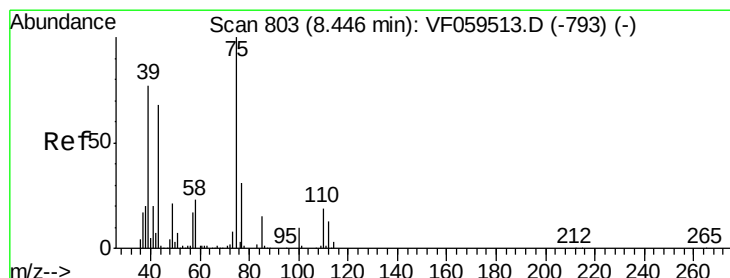
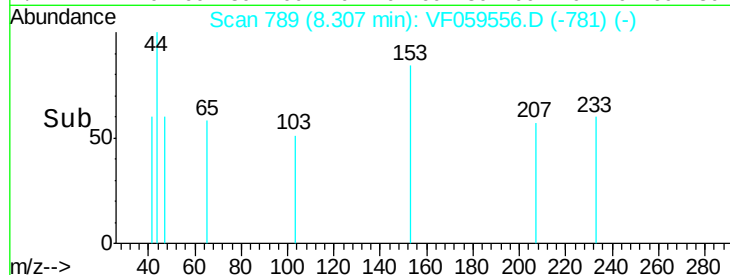
100

50

0

8.26 8.28 8.30 8.32 8.34

Time-->



#53

t-1,3-Dichloropropene

Concen: 63.25 ug/l

RT: 8.32 min Scan# 790

Delta R.T. -0.13 min

Lab File: VF059556.D

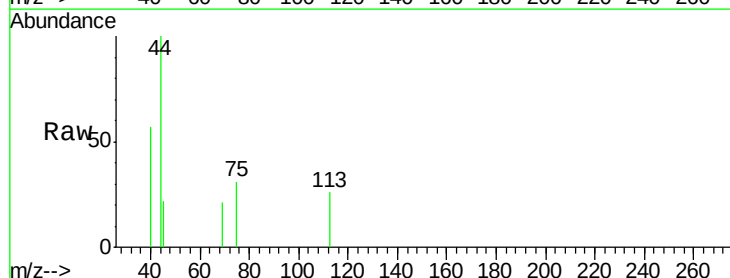
Acq: 19 Jul 2018 13:04

Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.32

150

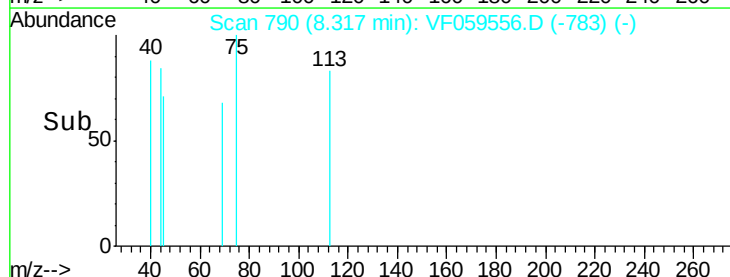
100

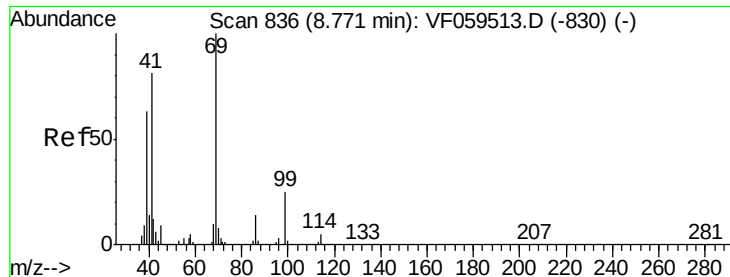
50

0

8.28 8.30 8.32 8.34

Time-->





#56

Ethyl methacrylate

Concen: 75.78 ug/l

RT: 8.72 min Scan# 831

Delta R.T. -0.05 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampleId :

SB7-8

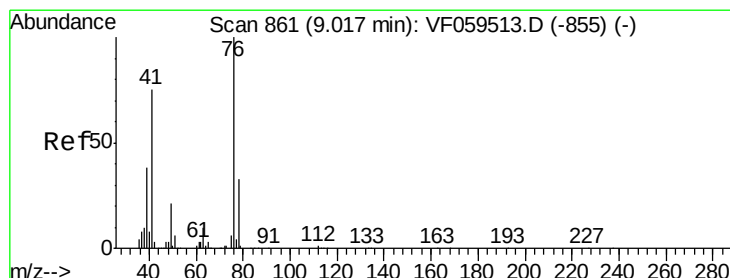
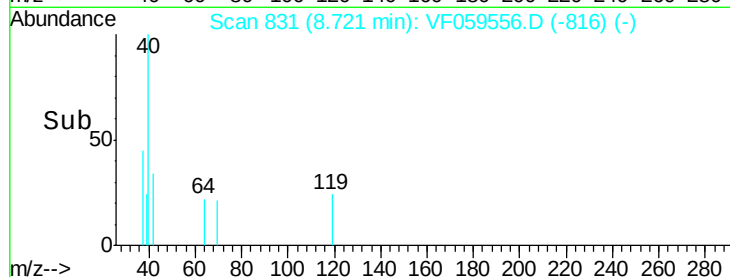
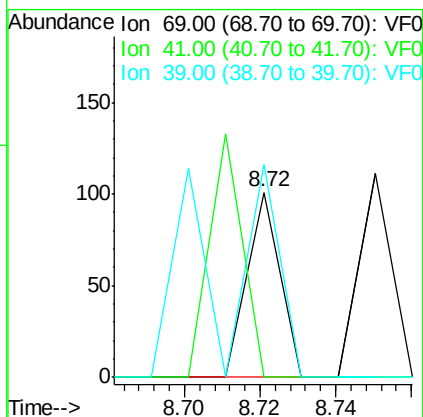
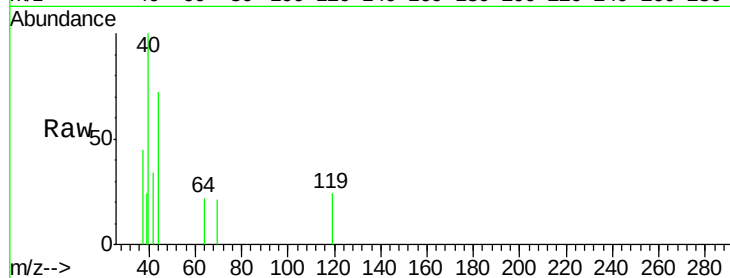
Tot Ion: 69 Resp: 60

Ion Ratio Lower Upper

69 100

41 159.4 65.4 98.2#

39 114.9 51.0 76.4#



#57

1,3-Dichloropropane

Concen: 62.89 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.03 min

Lab File: VF059556.D

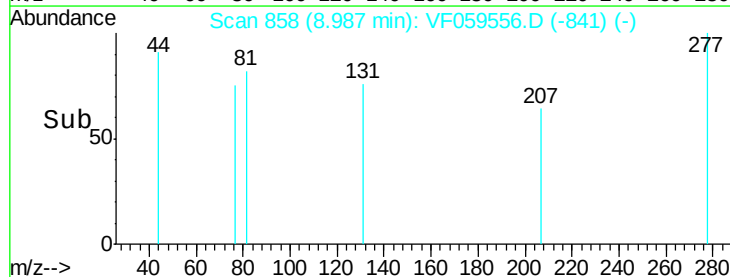
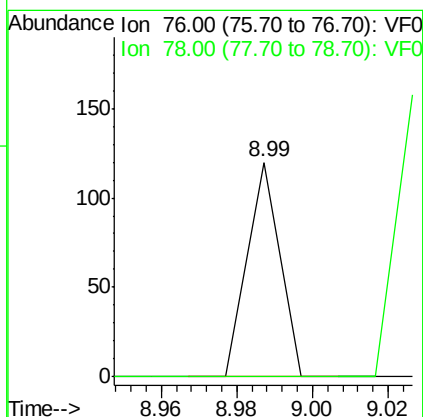
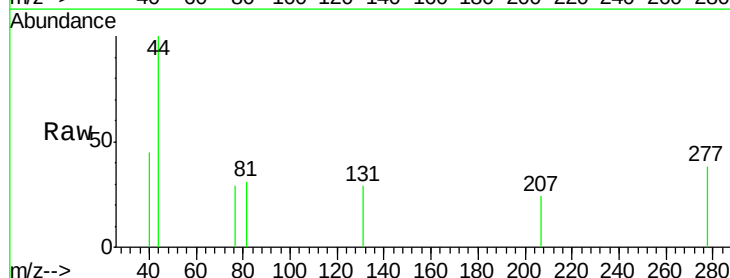
Acq: 19 Jul 2018 13:04

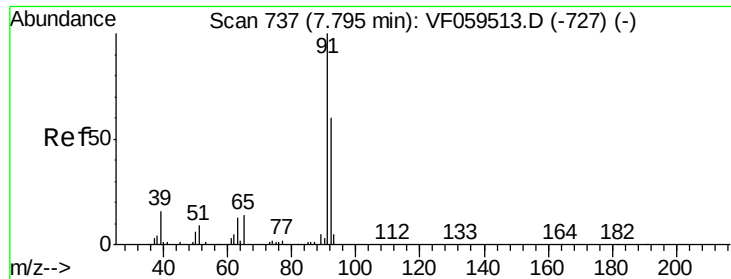
Tgt Ion: 76 Resp: 71

Ion Ratio Lower Upper

76 100

78 0.0 26.4 39.6#

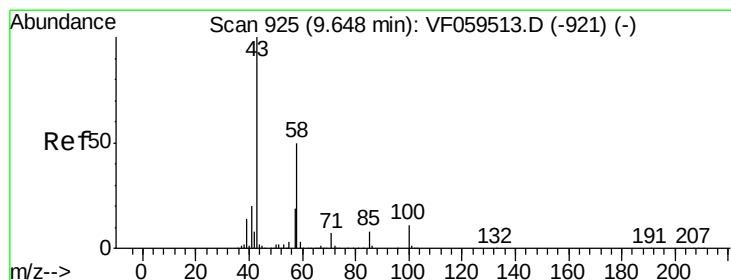
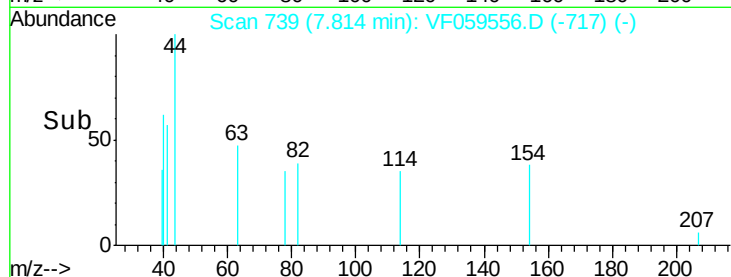
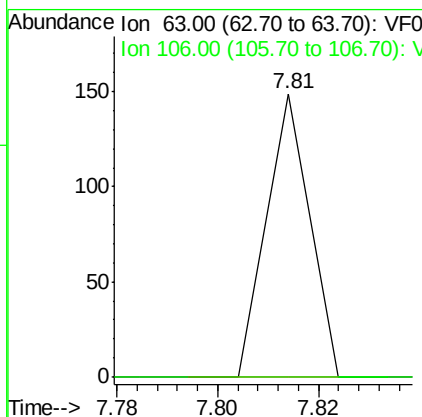
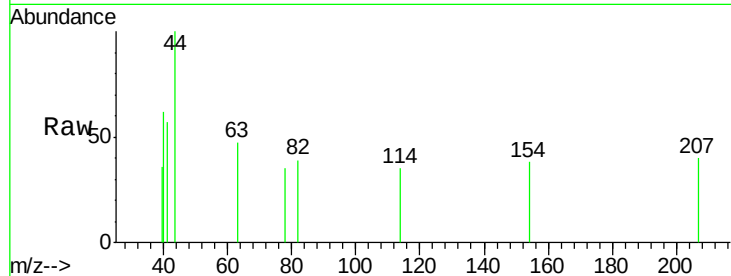




#58
 2-Chloroethyl Vinyl ether
 Concen: 1258.95 ug/l
 RT: 7.81 min Scan# 739
 Delta R.T. 0.02 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

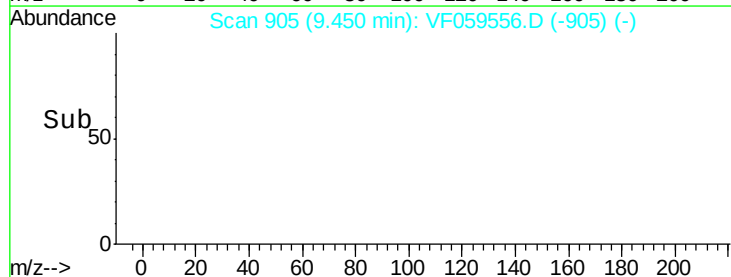
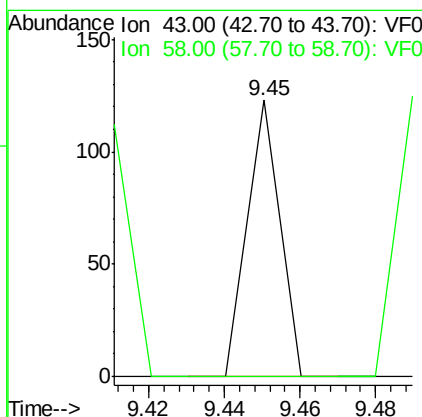
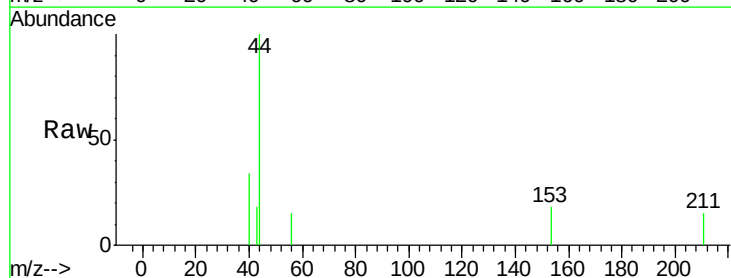
Instrument :
 MSVOA_F
 ClientSampled :
 SB7-8

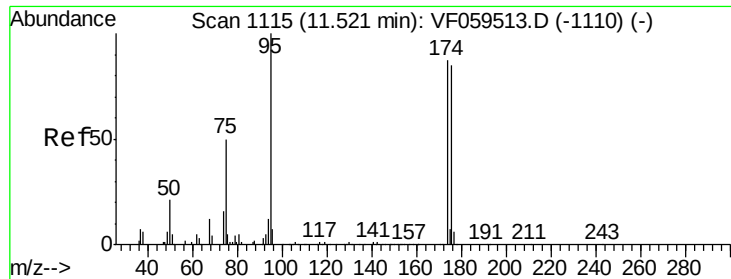
Tot Ion: 63 Resp: 88
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 161.93 ug/l
 RT: 9.45 min Scan# 905
 Delta R.T. -0.20 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

Tgt Ion: 43 Resp: 73
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.3 69.9#

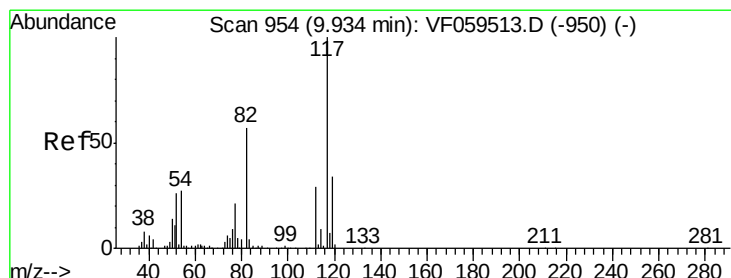
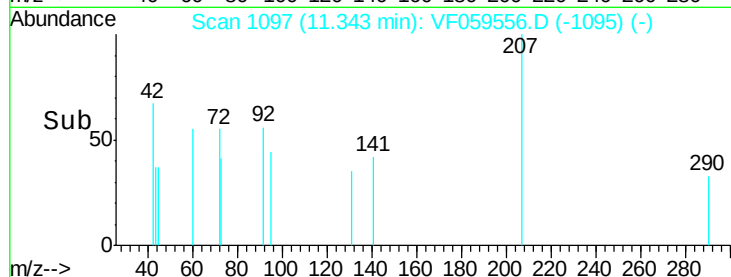
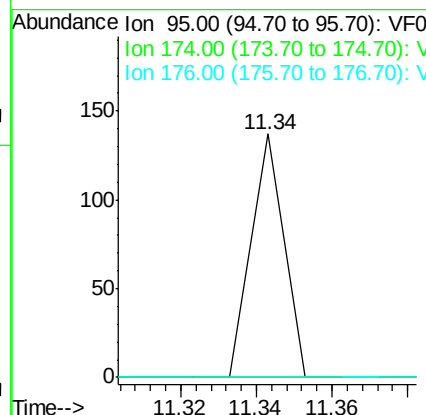
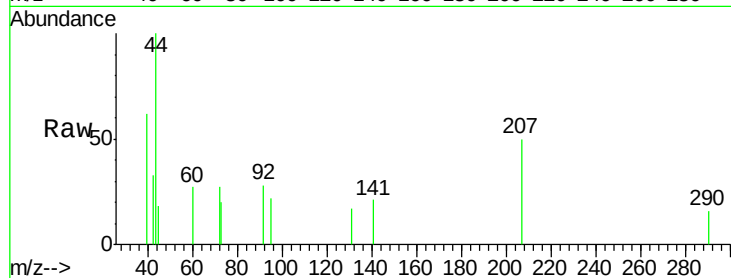




#62
4-Bromofluorobenzene
Concen: 60.49 ug/l
RT: 11.34 min Scan# 1097
Delta R.T. -0.18 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

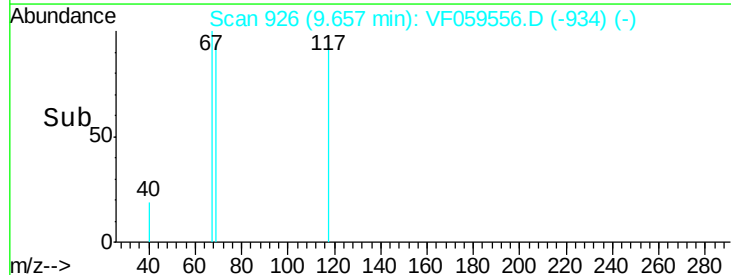
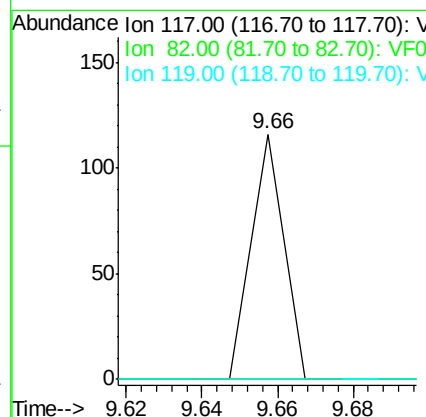
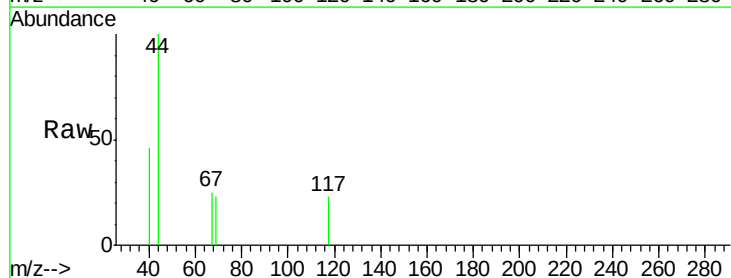
Instrument :
MSVOA_F
ClientSampleId :
SB7-8

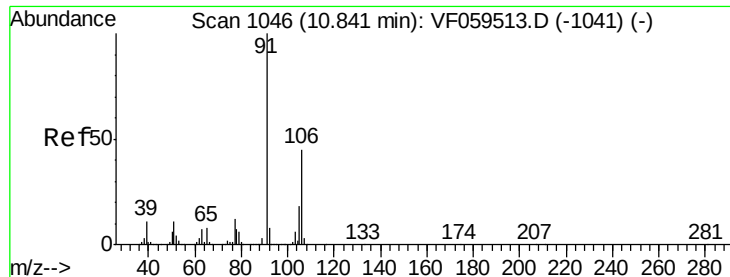
Tot Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	174.4
176	0.0	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.66 min Scan# 926
Delta R.T. -0.28 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	0.0	46.1	69.1#
119	0.0	27.2	40.8#

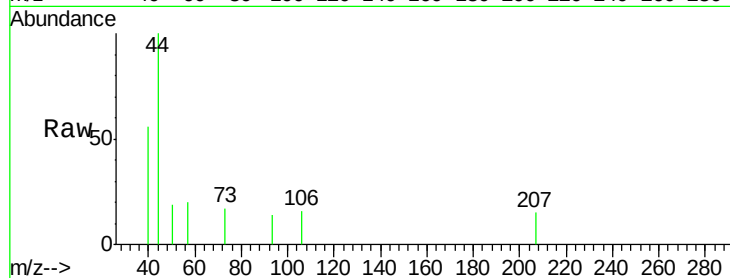




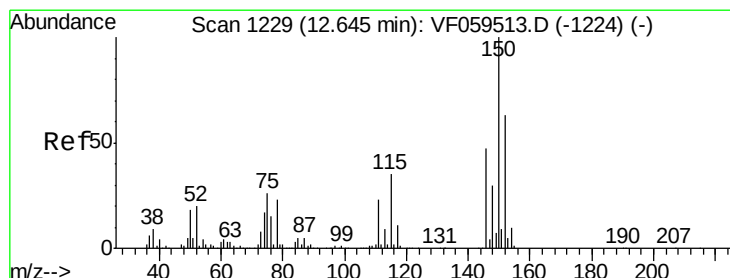
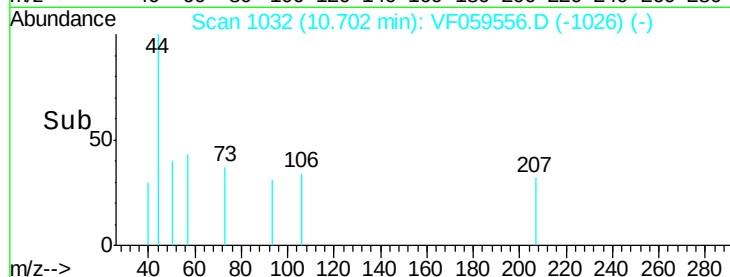
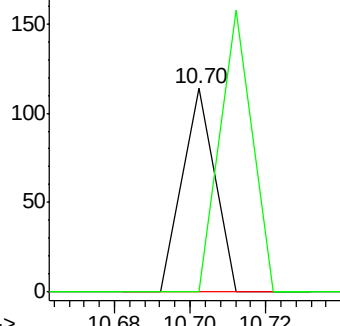
#69
o-Xylene
Concen: 77.39 ug/l
RT: 10.70 min Scan# 1032
Delta R.T. -0.14 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Instrument :
MSVOA_F
ClientSampleID :
SB7-8

Tot Ion:106 Resp: 67
Ion Ratio Lower Upper
106 100
91 0.0 112.3 336.9#

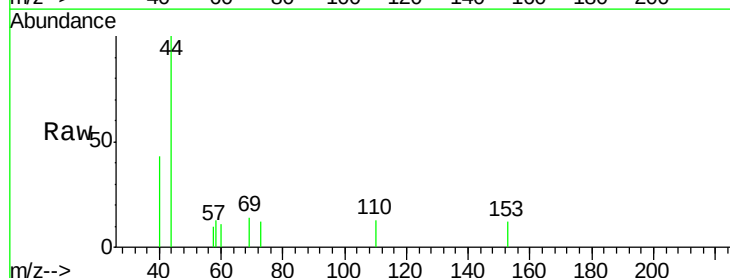


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

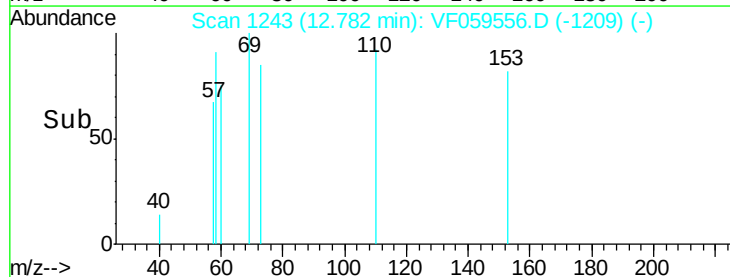
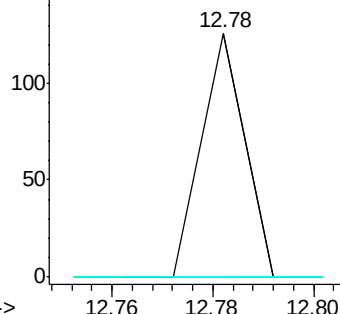


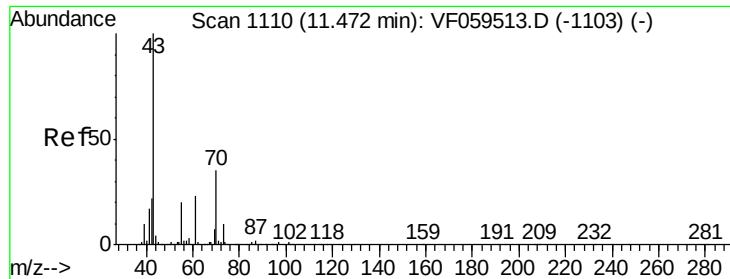
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.78 min Scan# 1243
Delta R.T. 0.14 min
Lab File: VF059556.D
Acq: 19 Jul 2018 13:04

Tgt Ion:152 Resp: 75
Ion Ratio Lower Upper
152 100
115 0.0 27.8 83.3#
150 0.0 0.0 318.4



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





#74

N-amvl acetate

Concen: 163.62 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

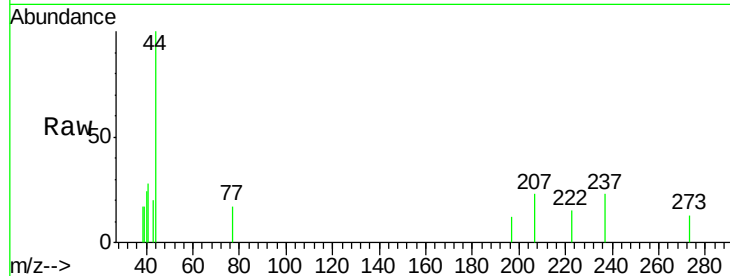
MSVOA_F

ClientSampled :

SB7-8

Tot Ion: 43 Resp: 248

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.9	41.9#
55	0.0	16.2	24.2#
61	0.0	18.6	27.8#

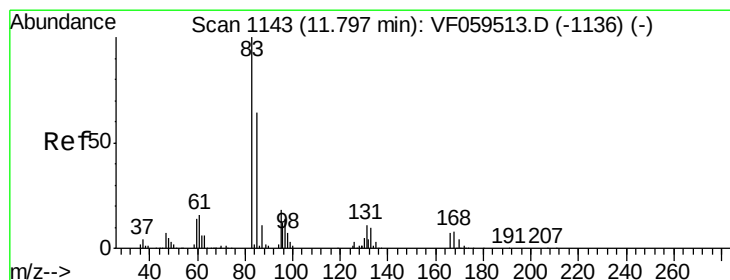
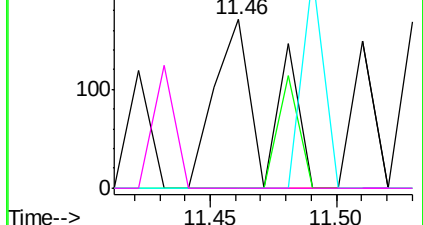
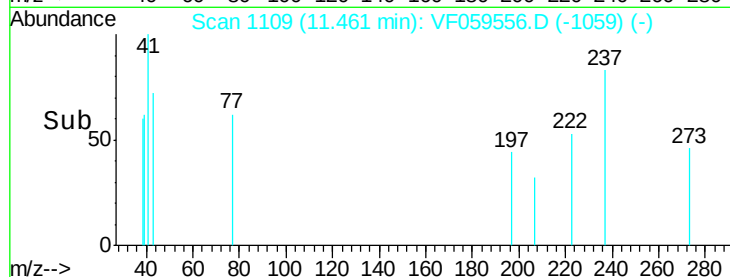


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 68.78 ug/l

RT: 11.85 min Scan# 1148

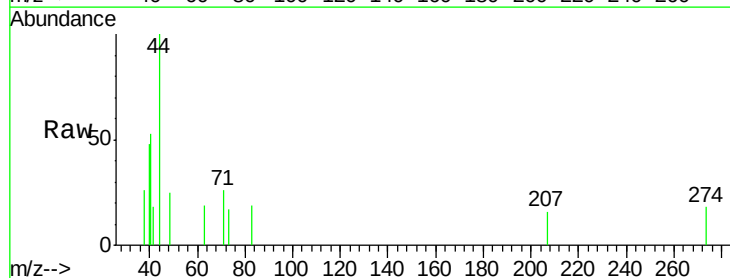
Delta R.T. 0.05 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Tgt Ion: 83 Resp: 71

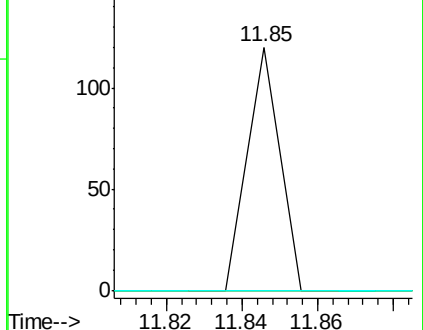
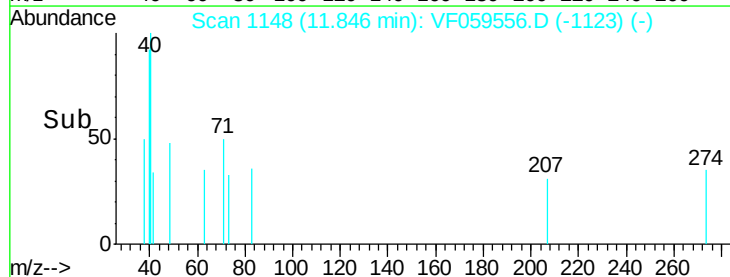
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	0.0	31.9	95.9#

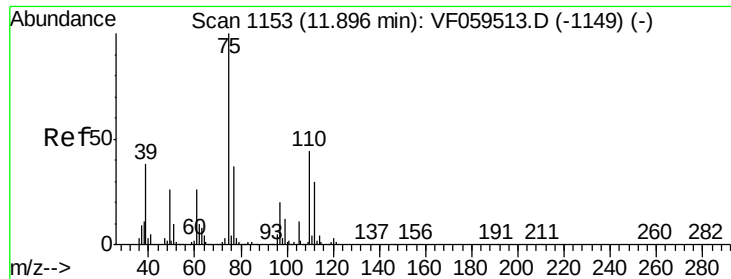


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 87.79 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.04 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampled :

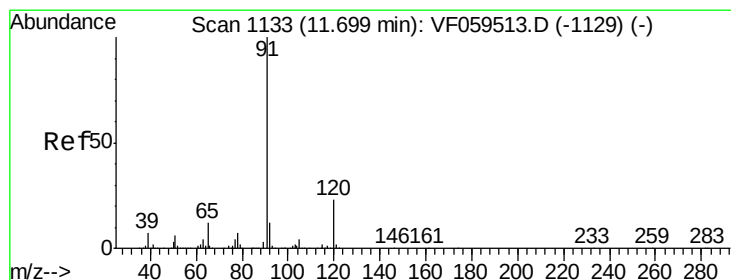
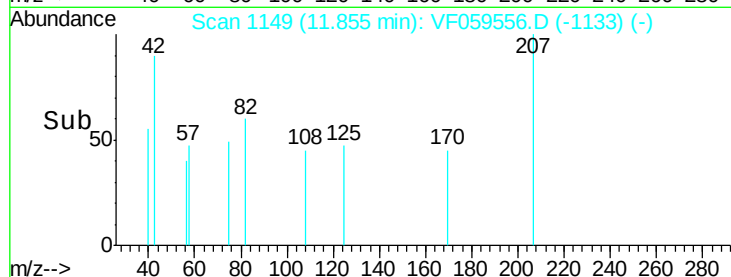
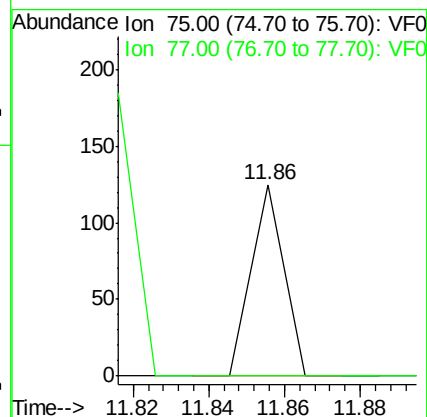
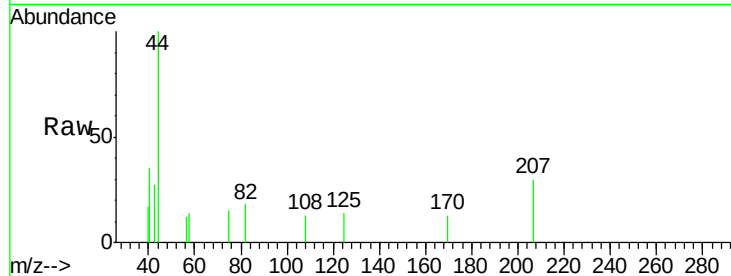
SB7-8

Tot Ion: 75 Resp: 74

Ion Ratio Lower Upper

75 100

77 0.0 18.7 56.1#



#78

n-propylbenzene

Concen: 15.84 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.14 min

Lab File: VF059556.D

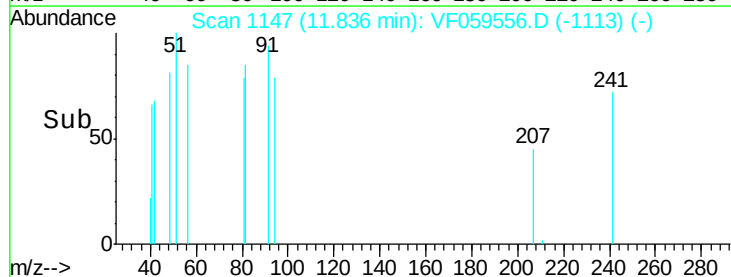
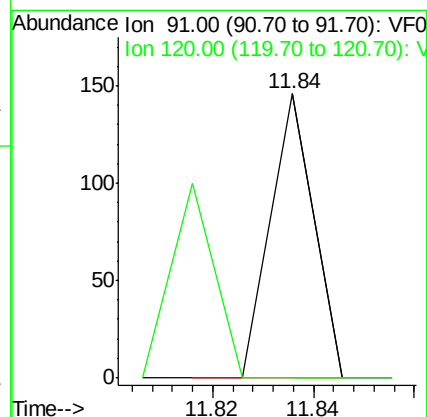
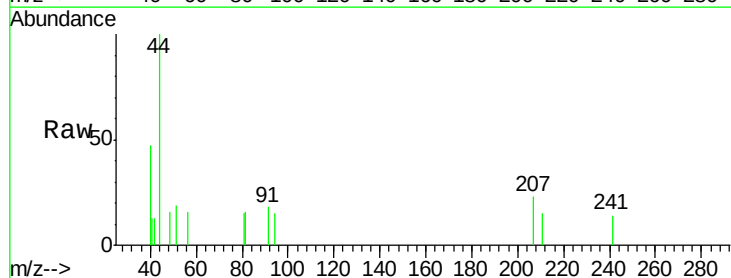
Acq: 19 Jul 2018 13:04

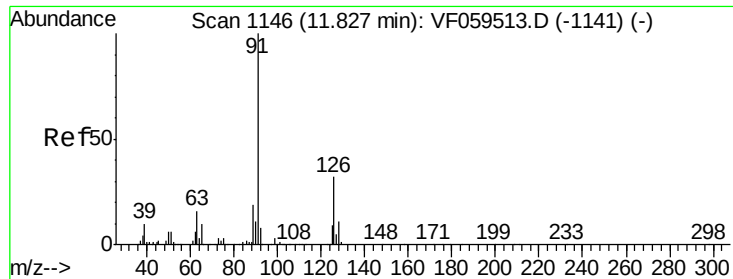
Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

120 0.0 11.3 33.9#

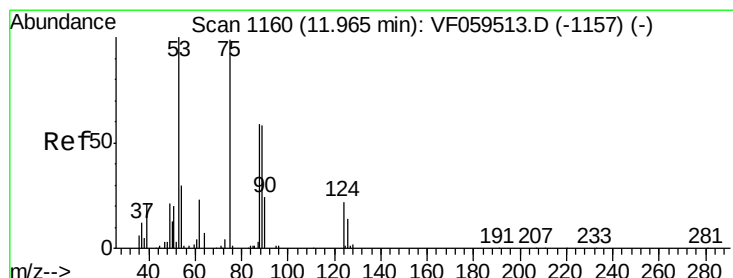
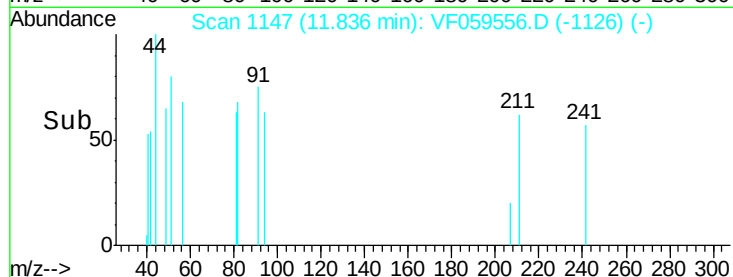
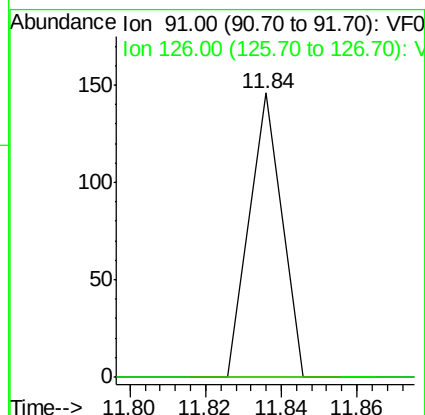
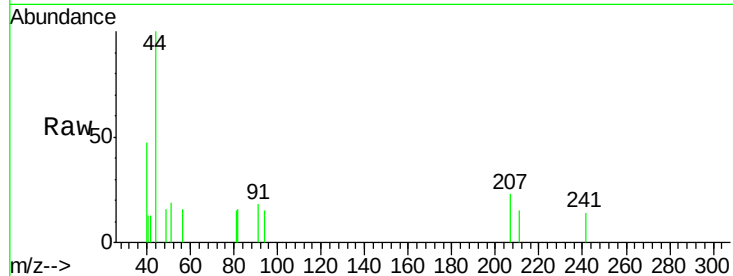




#79
 2-Chlorotoluene
 Concen: 25.72 ug/l
 RT: 11.84 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

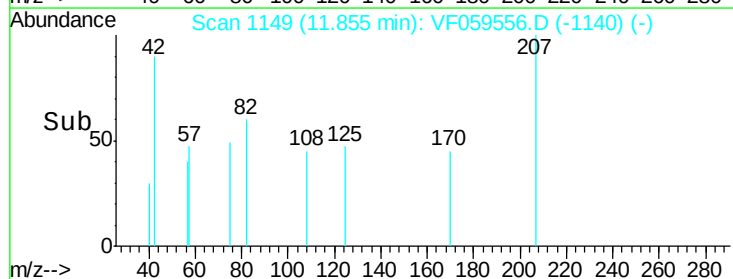
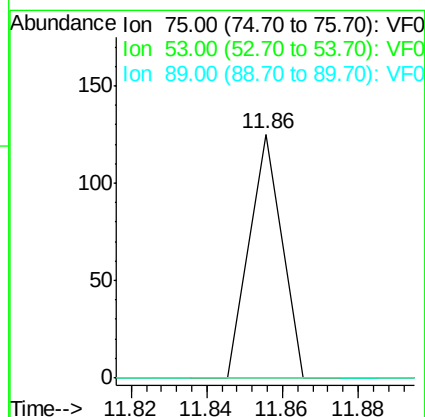
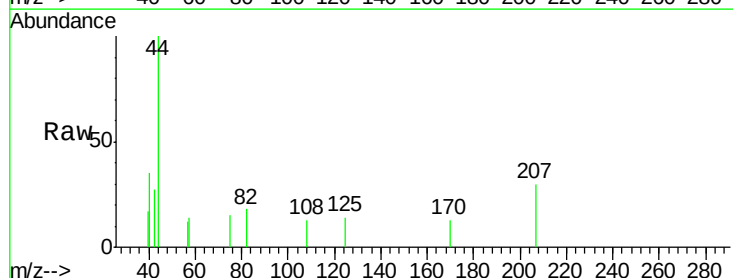
Instrument :
 MSVOA_F
 ClientSampled :
 SB7-8

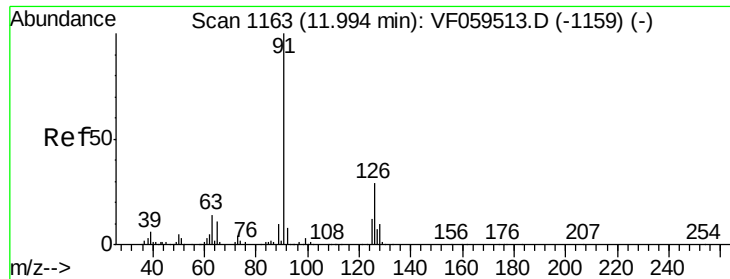
Tot Ion: 91 Resp: 86
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 192.18 ug/l
 RT: 11.86 min Scan# 1149
 Delta R.T. -0.11 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

Tgt Ion: 75 Resp: 74
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 127.0#
 89 0.0 48.2 72.4#





#82

4-Chlorotoluene

Concen: 21.89 ug/l

RT: 12.06 min Scan# 1170

Delta R.T. 0.07 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampleId :

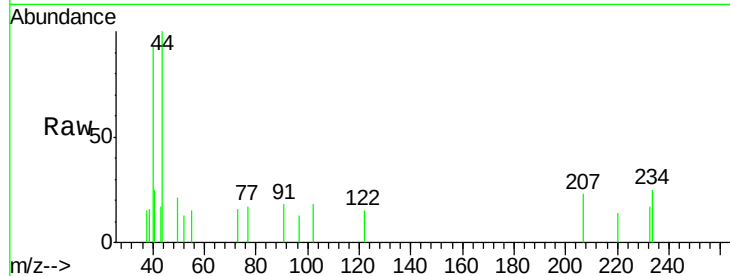
SB7-8

Tot Ion: 91 Resp: 82

Ion Ratio Lower Upper

91 100

126 0.0 14.4 43.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

12.06

150

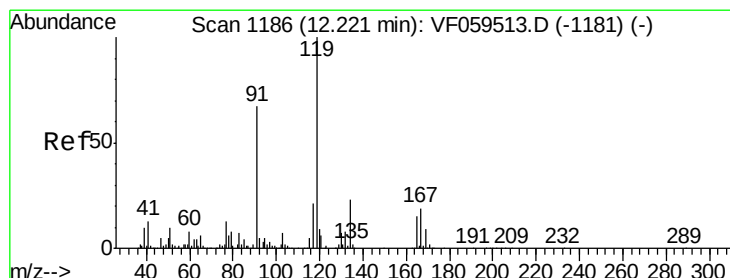
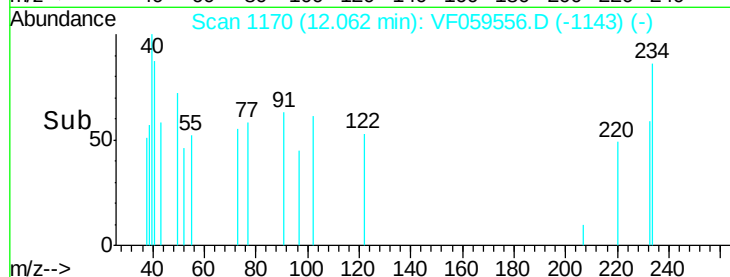
100

50

0

Time-->

12.04 12.06 12.08



#83

tert-Butylbenzene

Concen: 16.82 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. 0.05 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

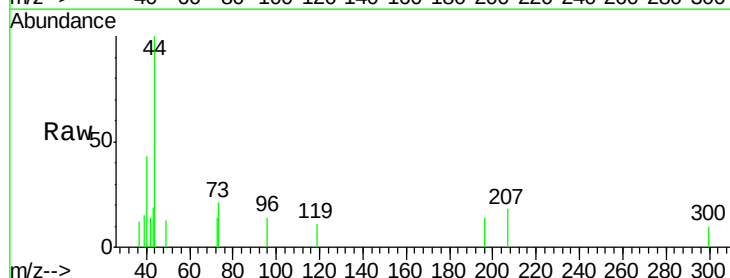
Tgt Ion: 119 Resp: 64

Ion Ratio Lower Upper

119 100

91 0.0 33.5 100.5#

134 0.0 11.3 33.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.27

150

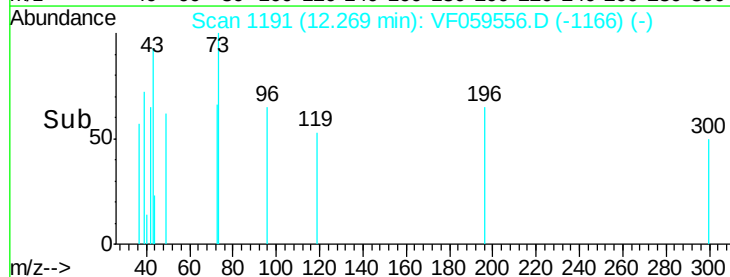
100

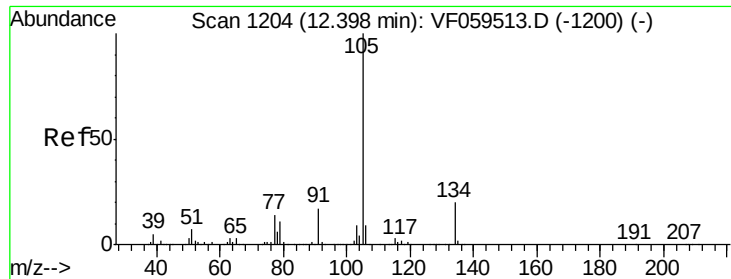
50

0

Time-->

12.24 12.26 12.28 12.30





#85

sec-Butylbenzene

Concen: 14.05 ug/l

RT: 12.50 min Scan# 1214

Delta R.T. 0.10 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampled :

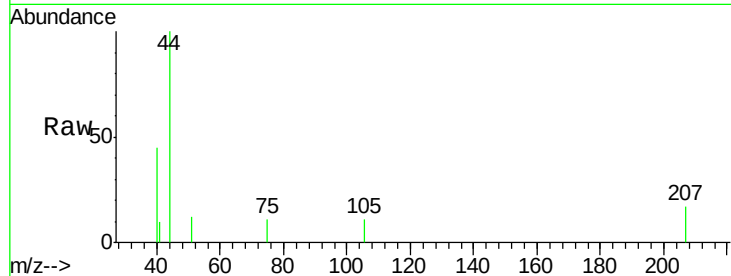
SB7-8

Tot Ion: 105 Resp: 68

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

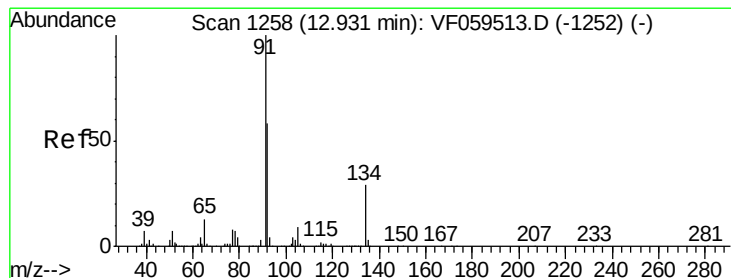
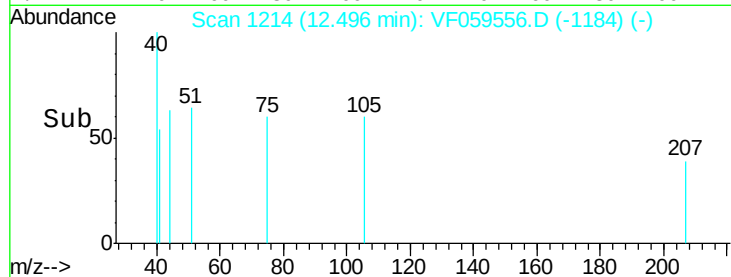
12.50

100

50

0

Time--> 12.46 12.48 12.50 12.52



#89

n-Butylbenzene

Concen: 21.82 ug/l

RT: 13.08 min Scan# 1273

Delta R.T. 0.15 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

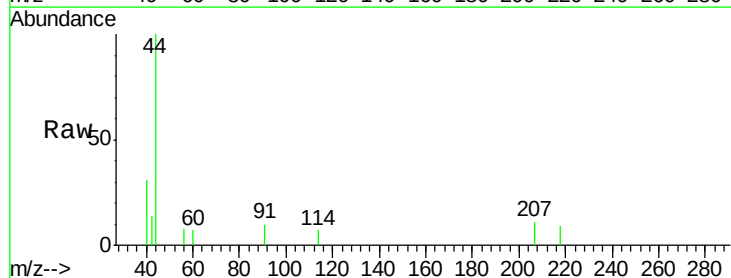
Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

92 0.0 29.1 87.3#

134 0.0 14.3 42.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

200

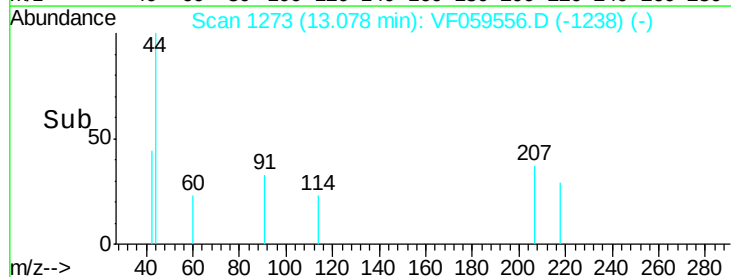
150

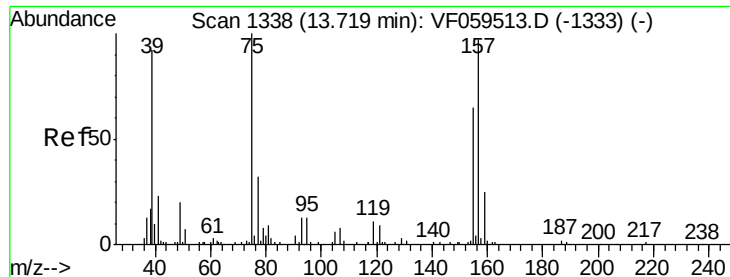
100

50

0

Time--> 13.06 13.08





#92

1,2-Dibromo-3-Chloropropane

Concen: 337.82 ug/l

RT: 13.76 min Scan# 1342

Delta R.T. 0.04 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

Instrument :

MSVOA_F

ClientSampleId :

SB7-8

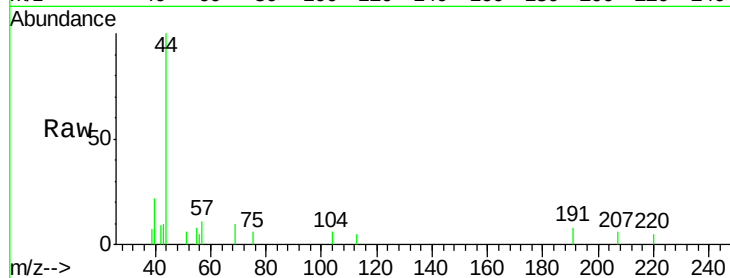
Tot Ion: 75 Resp: 79

Ion Ratio Lower Upper

75 100

155 0.0 32.8 98.3#

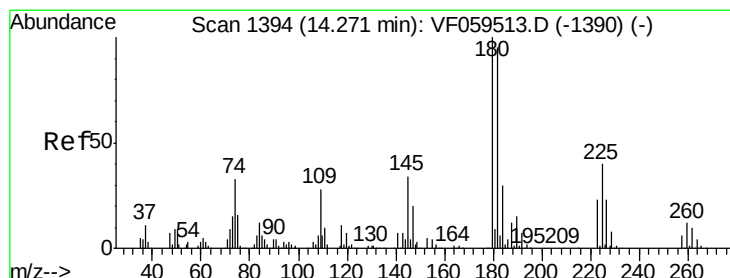
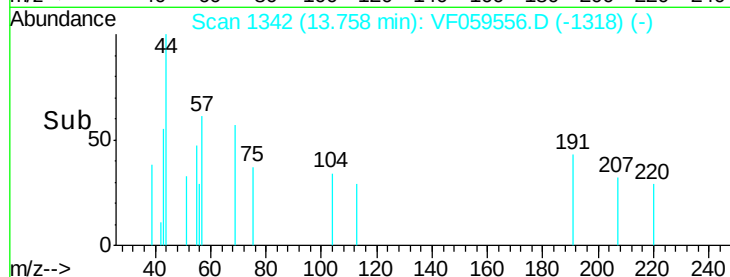
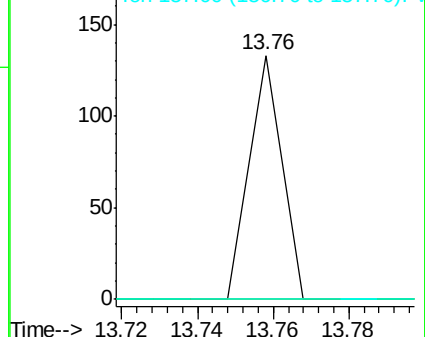
157 0.0 48.5 145.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#93

1,2,4-Trichlorobenzene

Concen: 45.37 ug/l

RT: 14.39 min Scan# 1406

Delta R.T. 0.12 min

Lab File: VF059556.D

Acq: 19 Jul 2018 13:04

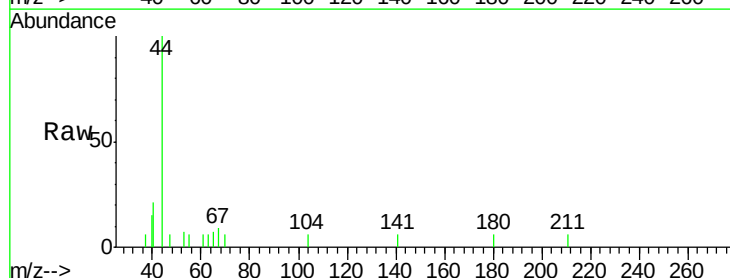
Tgt Ion: 180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

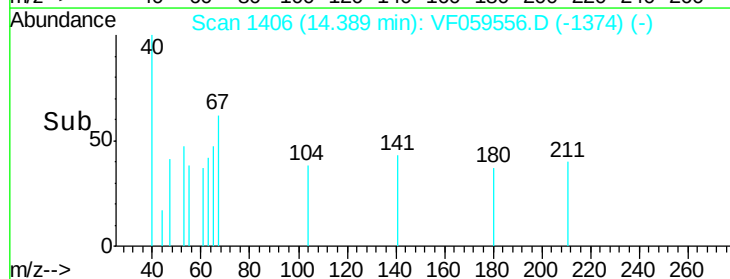
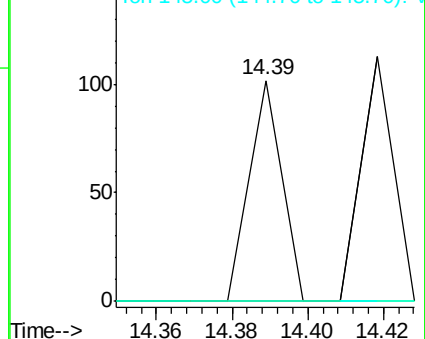
145 0.0 17.3 51.7#

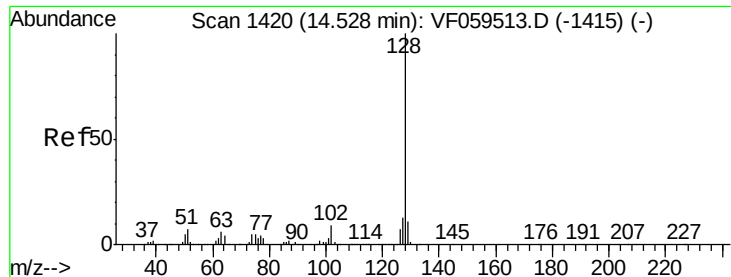


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#95
 Naphthalene
 Concen: 26.57 ug/l
 RT: 14.49 min Scan# 1416
 Delta R.T. -0.04 min
 Lab File: VF059556.D
 Acq: 19 Jul 2018 13:04

Instrument :
 MSVOA_F
 ClientSampleId :
 SB7-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	9.0	13.4#

