

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059581.D
 Acq On : 20 Jul 2018 3:20
 Operator : VA/AP
 Sample : J4062-13
 Misc : 1.65µ/5mL/MSVOA F/SOIL
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5

Quant Time: Jul 20 07:10:43 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	5.62	114	84	50.00	ug/l	-0.17
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	12.60	152	60	50.00	ug/l	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	4.29	113	89	122.34	ug/l	-0.02
Spiked Amount			Recovery	=	244.68%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.26	95	86	89.46	ug/l	-0.26
Spiked Amount			Recovery	=	178.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	4.19	43	225	554.77	ug/l #	41
39) Methylcyclohexane	5.60	83	127	199.03	ug/l #	56
40) Benzene	4.67	78	77	47.21	ug/l #	51
41) Methacrylonitrile	4.70	41	90	373.27	ug/l #	27
43) Isopropyl Acetate	6.93	43	140	231.73	ug/l #	51
45) 1,2-Dichloropropane	6.35	63	189	417.46	ug/l #	42
46) Dibromomethane	6.23	93	61	147.95	ug/l #	3
48) Methyl methacrylate	6.75	41	62	143.69	ug/l #	13
51) 4-Methyl-2-Pentanone	8.17	43	203	474.01	ug/l #	40
53) t-1,3-Dichloropropene	8.16	75	69	70.68	ug/l #	43
54) cis-1,3-Dichloropropene	7.25	75	66	67.90	ug/l #	74
56) Ethyl methacrylate	8.61	69	162	285.00	ug/l #	13
57) 1,3-Dichloropropane	8.78	76	60	74.03	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.49	63	74	1474.57	ug/l	100
59) 2-Hexanone	9.39	43	63	194.65	ug/l #	30
61) 1,2-Dibromoethane	9.04	107	68	119.56	ug/l #	2
74) N-amyl acetate	11.46	43	68	56.08	ug/l #	48
76) 1,2,3-Trichloropropane	11.87	75	62	91.94	ug/l #	38
78) n-propylbenzene	11.83	91	88	20.26	ug/l #	53
79) 2-Chlorotoluene	11.83	91	88	32.90	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.96	105	72	22.70	ug/l #	29
81) trans-1,4-Dichloro-2-buten	11.94	75	88	285.68	ug/l #	6
82) 4-Chlorotoluene	12.12	91	85	28.36	ug/l #	46
83) tert-Butylbenzene	12.19	119	102	33.50	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.24	105	72	22.06	ug/l #	31
85) sec-Butylbenzene	12.40	105	65	16.79	ug/l #	56
86) p-Isopropyltoluene	12.53	119	64	19.00	ug/l #	50
89) n-Butylbenzene	12.96	91	130	41.23	ug/l #	30
90) Hexachloroethane	12.85	117	84	109.76	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.73	75	64	342.09	ug/l #	8
95) Naphthalene	14.56	128	70	31.85	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.64	180	94	98.33	ug/l #	60

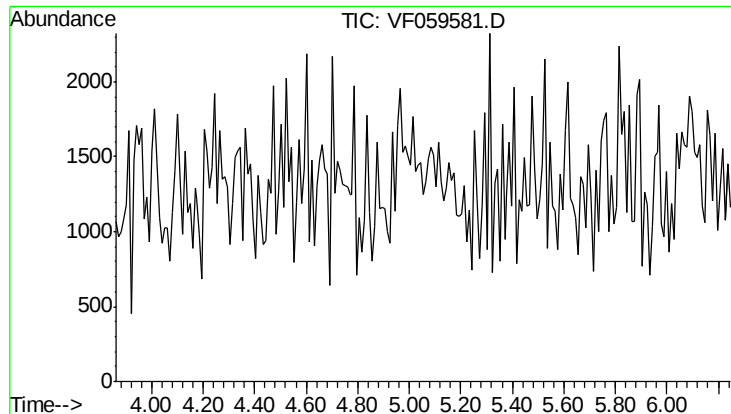
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059581.D
Acq On : 20 Jul 2018 3:20
Operator : VA/AP
Sample : J4062-13
Misc : 1.65g/5mL/MSVOA F/SOIL
ALS Vial : 73 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-5

Quant Time: Jul 20 07:10:43 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)

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



#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.05 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Tot Ion: 168

Sig Exp Ratio

168 100

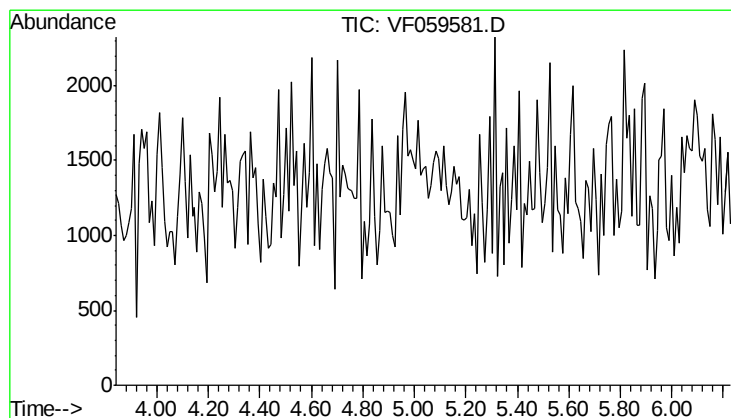
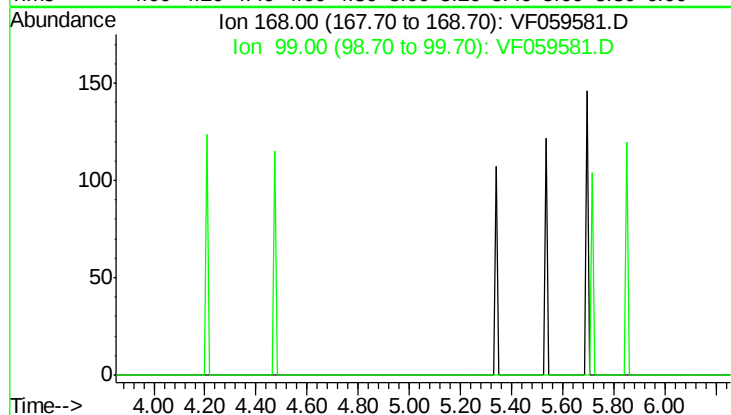
99 72.0

Instrument :

MSVOA_F

ClientSampleId :

TP-5



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 5.04 min

Lab File: VF059581.D

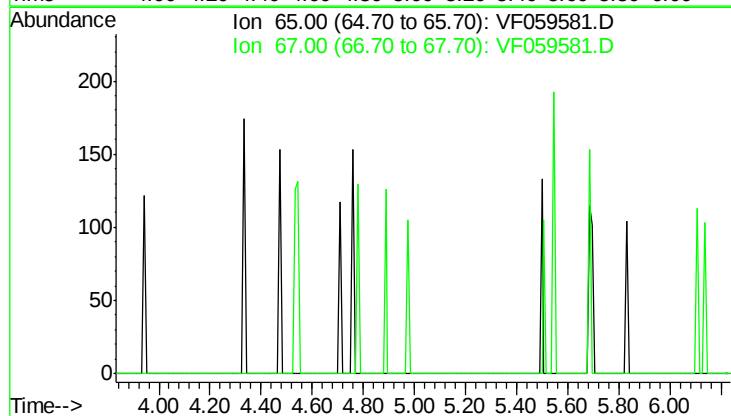
Acq: 20 Jul 2018 3:20

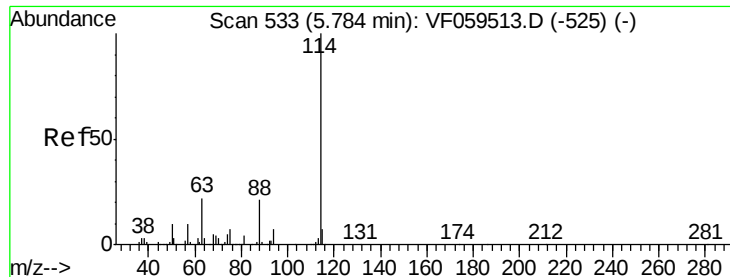
Tgt Ion: 65

Sig Exp Ratio

65 100

67 45.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 516

Delta R.T. -0.17 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

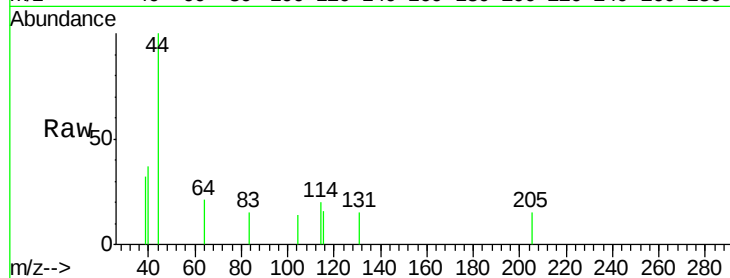
Instrument :

MSVOA_F

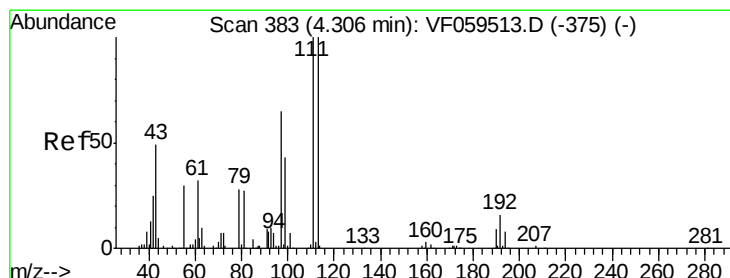
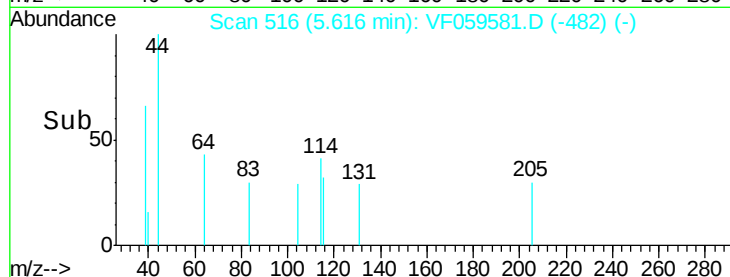
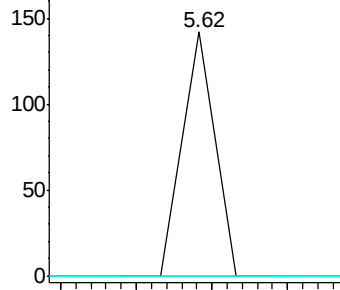
ClientSampleId :

TP-5

Tot Ion:	114	Resp:	84
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): V



#35

Dibromofluoromethane

Concen: 122.34 ug/l

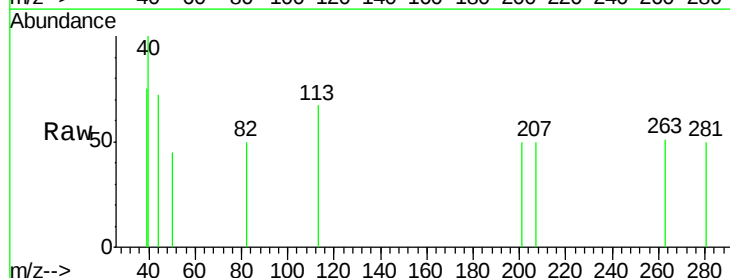
RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

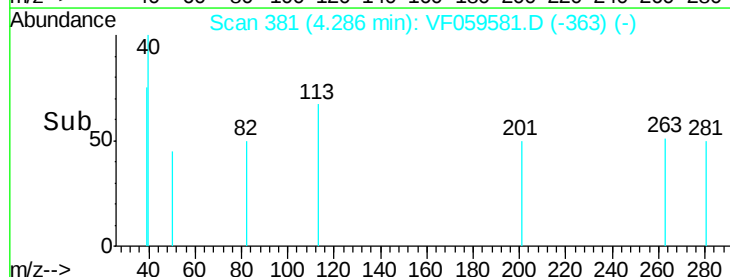
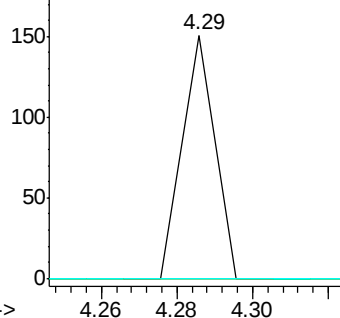
Lab File: VF059581.D

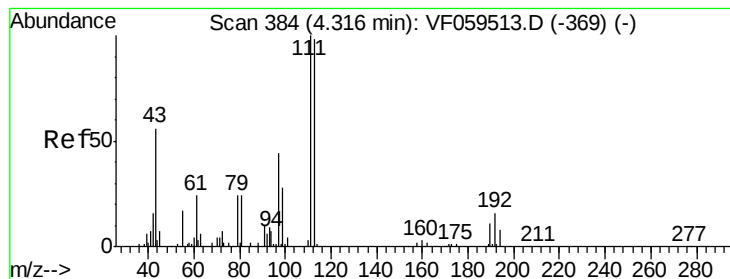
Acq: 20 Jul 2018 3:20

Tgt Ion:	113	Resp:	89
Ion	Ratio	Lower	Upper
113	100		
111	0.0	80.3	120.5#
192	0.0	13.1	19.7#



Abundance Ion 113.00 (112.70 to 113.70): V





#37

Ethyl Acetate

Concen: 554.77 ug/l

RT: 4.19 min Scan# 371

Delta R.T. -0.13 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleId :

TP-5

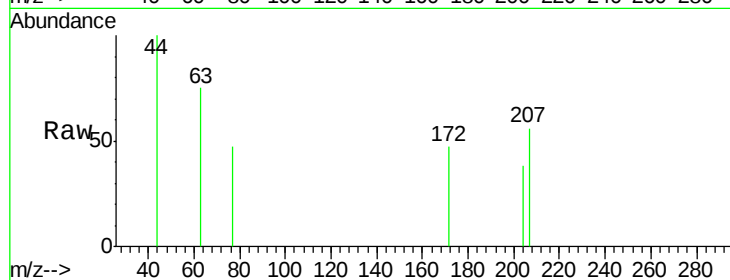
Tot Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

61 0.0 33.7 50.5#

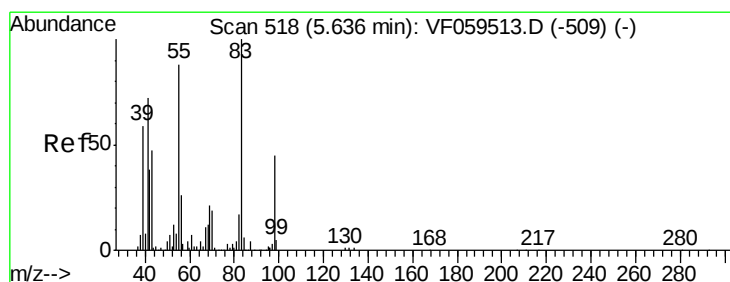
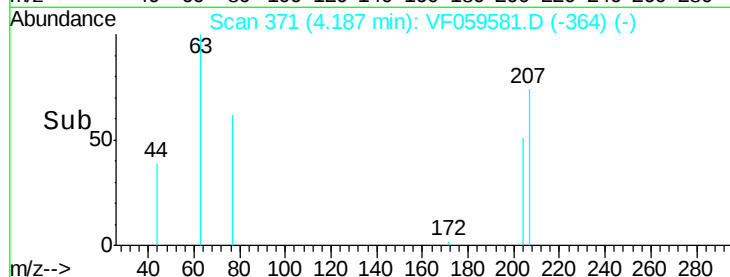
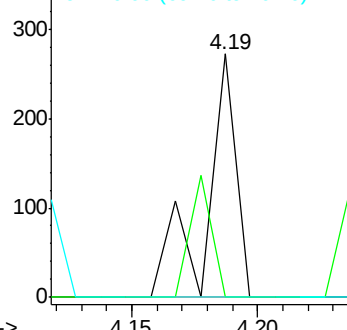
70 0.0 7.4 11.0#



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



#39

Methylcyclohexane

Concen: 199.03 ug/l

RT: 5.60 min Scan# 514

Delta R.T. -0.04 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

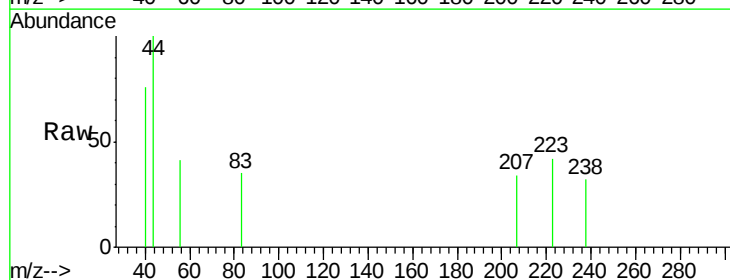
Tgt Ion: 83 Resp: 127

Ion Ratio Lower Upper

83 100

55 117.1 70.2 105.4#

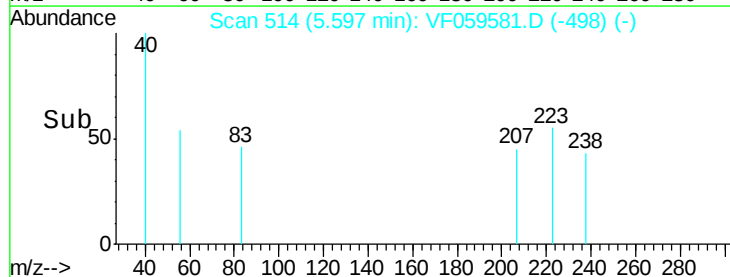
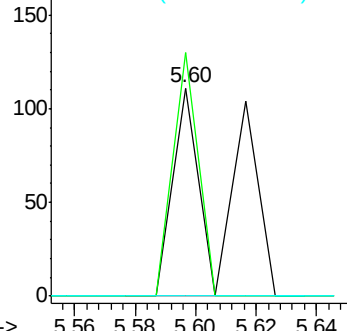
98 0.0 36.2 54.2#

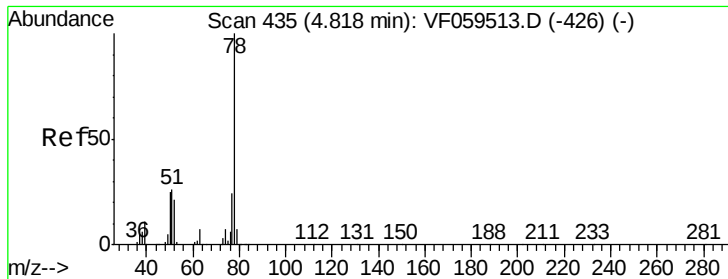


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 47.21 ug/l

RT: 4.67 min Scan# 420

Delta R.T. -0.15 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampled :

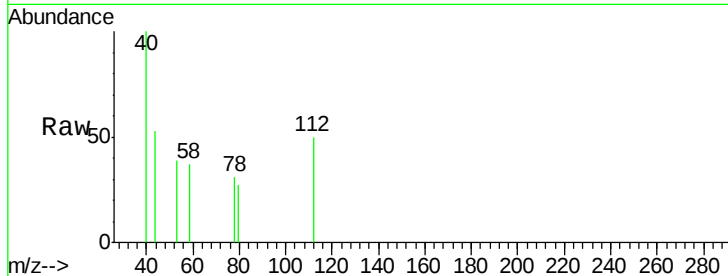
TP-5

Tot Ion: 78 Resp: 77

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

4.67

150

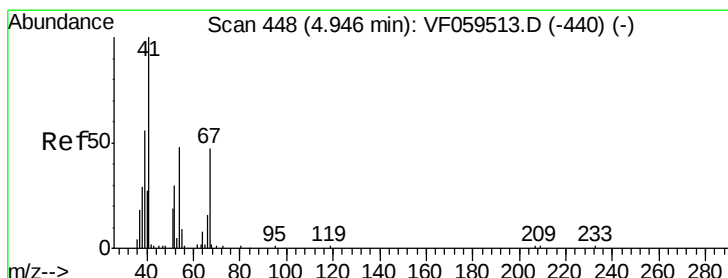
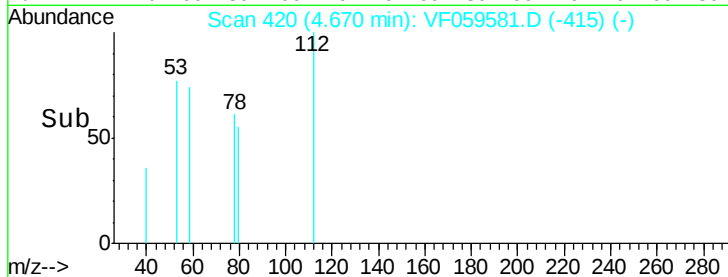
100

50

0

4.64 4.66 4.68 4.70

Time-->



#41

Methacrylonitrile

Concen: 373.27 ug/l

RT: 4.70 min Scan# 423

Delta R.T. -0.25 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Tgt Ion: 41 Resp: 90

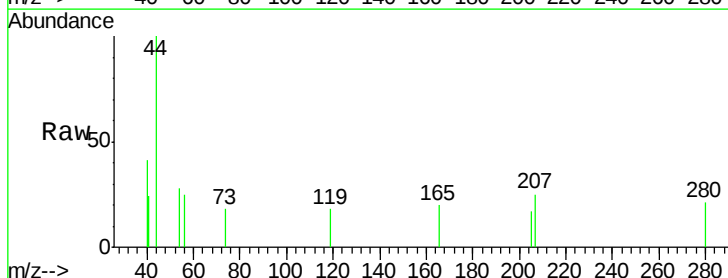
Ion Ratio Lower Upper

41 100

39 0.0 49.4 74.0#

67 0.0 37.4 56.2#

52 0.0 32.1 48.1#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

250

200

150

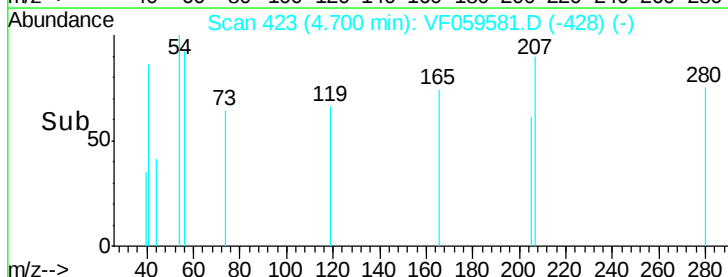
100

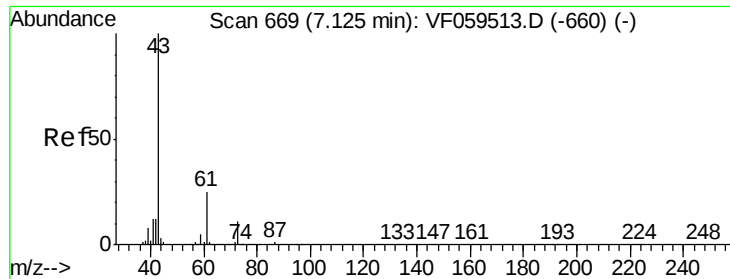
50

0

4.68 4.70 4.72

Time-->





#43

Isopropyl Acetate

Concen: 231.73 ug/l

RT: 6.93 min Scan# 649

Delta R.T. -0.20 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleId :

TP-5

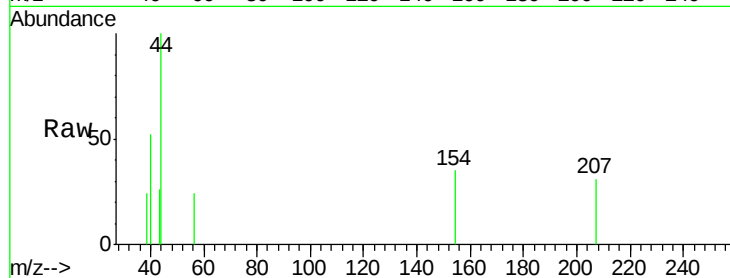
Tot Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

61 0.0 20.3 30.5#

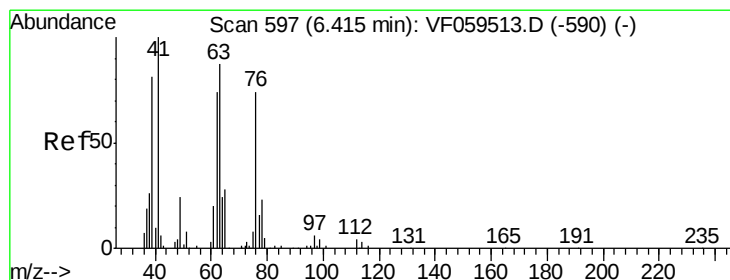
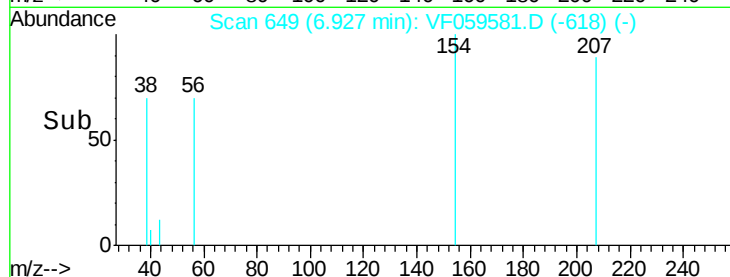
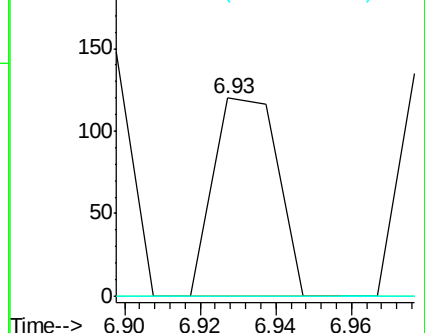
87 0.0 0.4 0.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#45

1,2-Dichloropropane

Concen: 417.46 ug/l

RT: 6.35 min Scan# 590

Delta R.T. -0.07 min

Lab File: VF059581.D

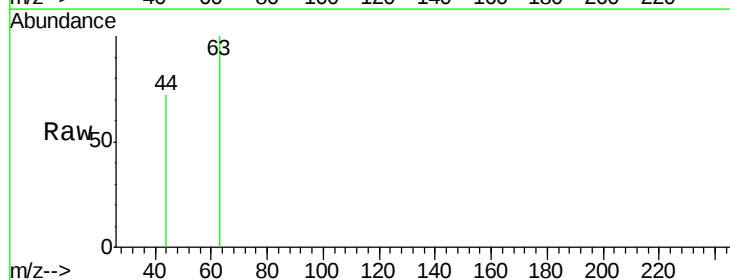
Acq: 20 Jul 2018 3:20

Tgt Ion: 63 Resp: 189

Ion Ratio Lower Upper

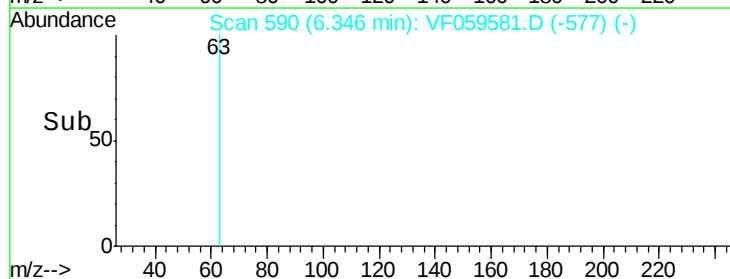
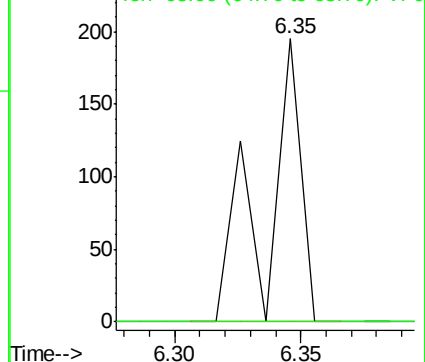
63 100

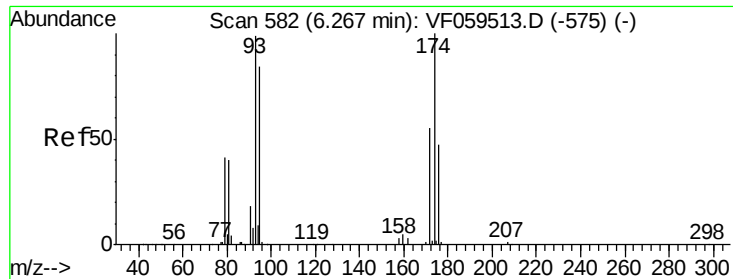
65 0.0 26.1 39.1#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

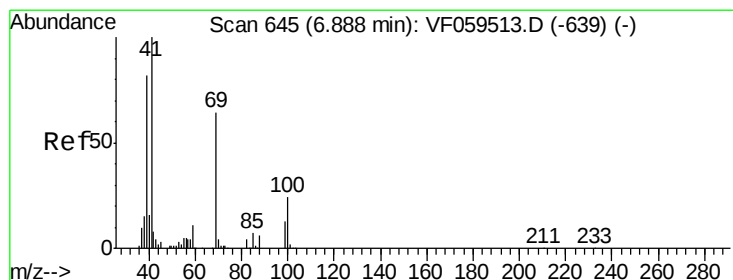
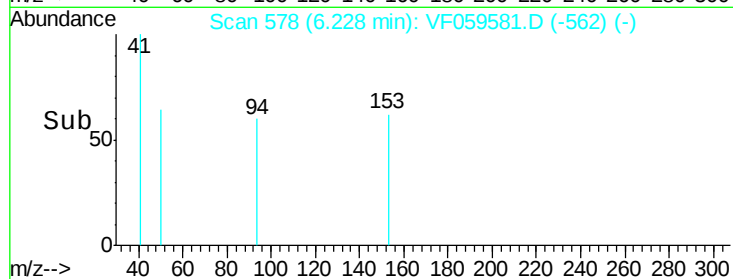
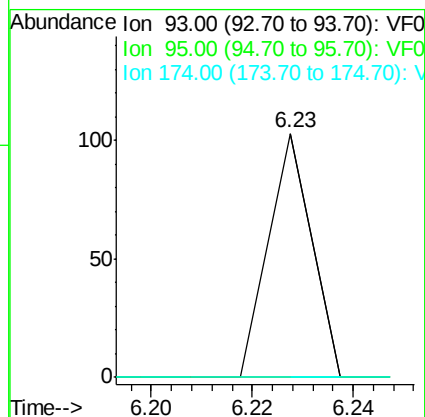
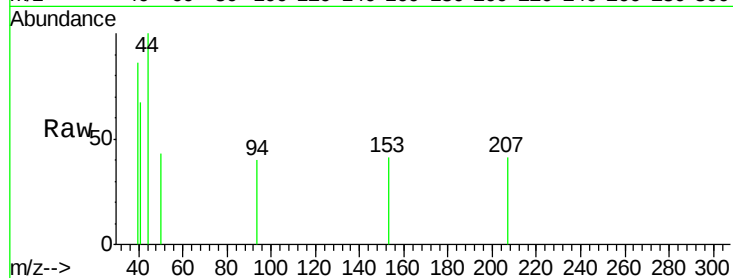




#46
Dibromomethane
Concen: 147.95 ug/l
RT: 6.23 min Scan# 578
Delta R.T. -0.04 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

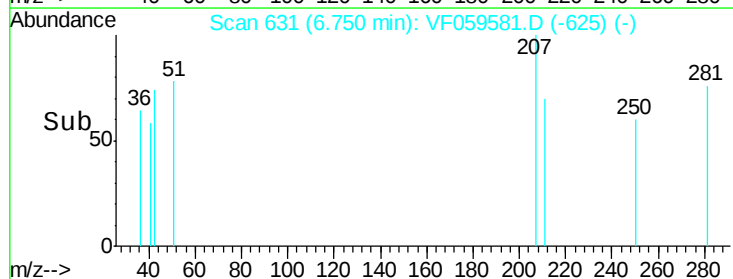
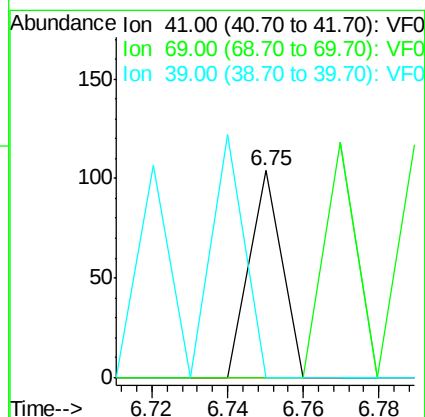
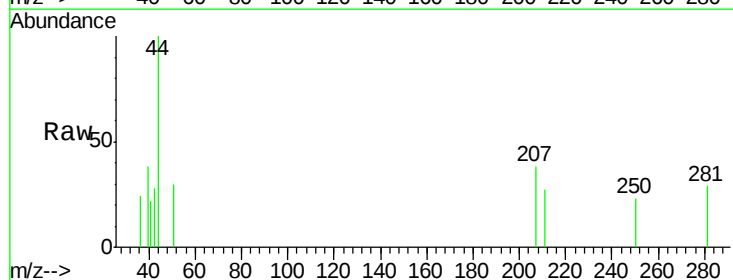
Instrument :
MSVOA_F
ClientSampled :
TP-5

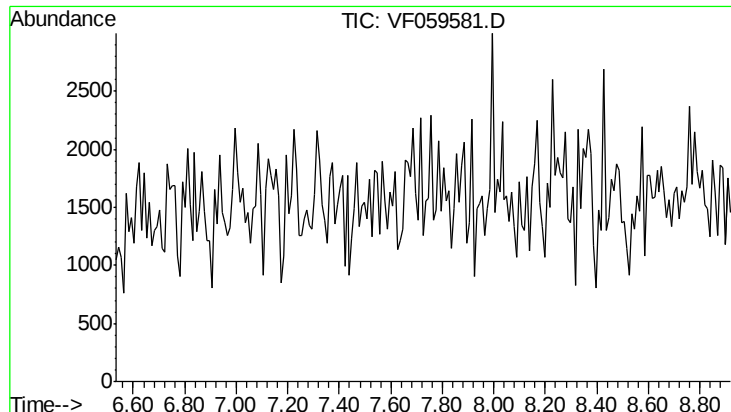
Tot Ion: 93 Resp: 61
Ion Ratio Lower Upper
93 100
95 0.0 68.3 102.5#
174 0.0 81.2 121.8#



#48
Methyl methacrylate
Concen: 143.69 ug/l
RT: 6.75 min Scan# 631
Delta R.T. -0.14 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
69 0.0 51.3 76.9#
39 0.0 65.3 97.9#



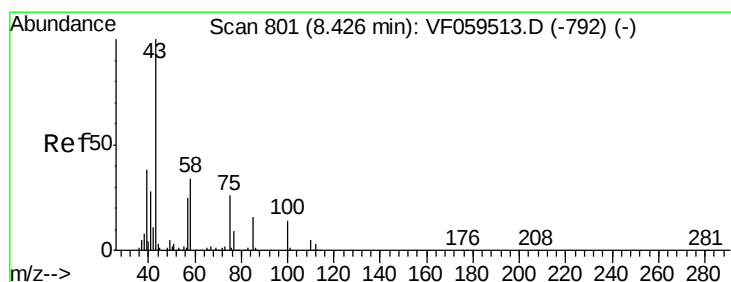
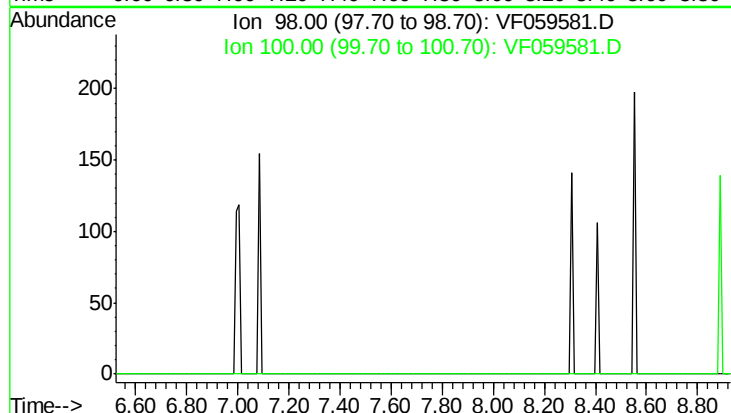


#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.73 min

Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

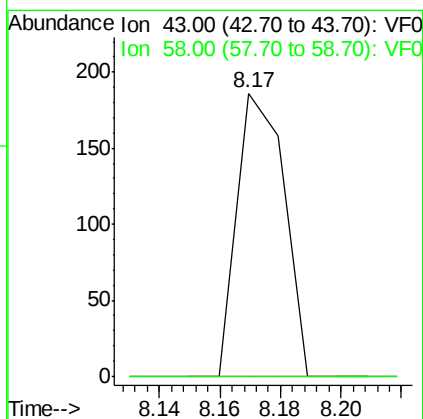
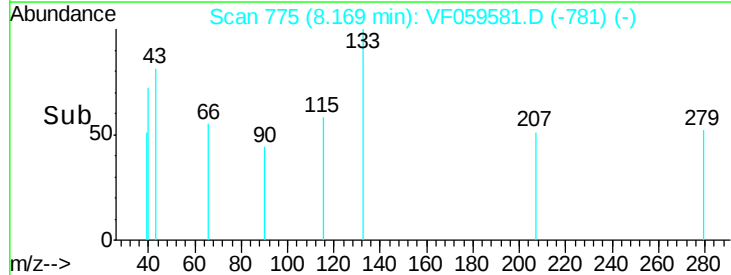
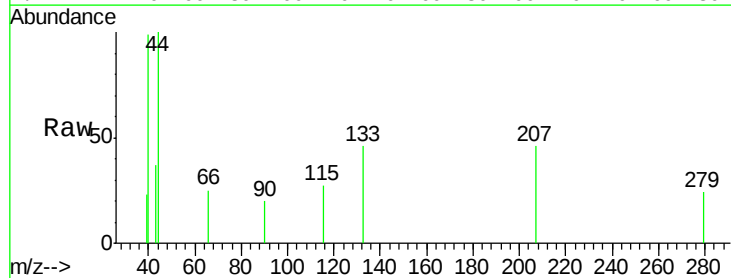
Tot Ion: 98
Sig Exp Ratio
98 100
100 63.6

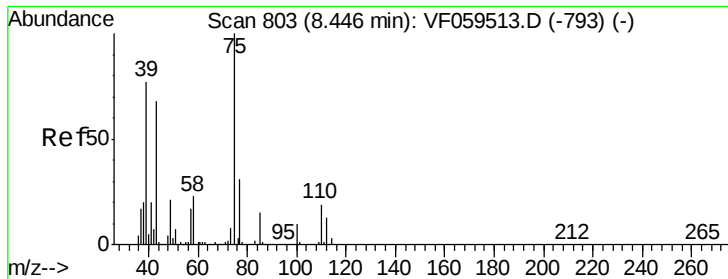
Instrument :
MSVOA_F
ClientSampleId :
TP-5



#51
4-Methyl-2-Pentanone
Concen: 474.01 ug/l
RT: 8.17 min Scan# 775
Delta R.T. -0.26 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.2#





#53

t-1,3-Dichloropropene

Concen: 70.68 ug/l

RT: 8.16 min Scan# 774

Delta R.T. -0.29 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleId :

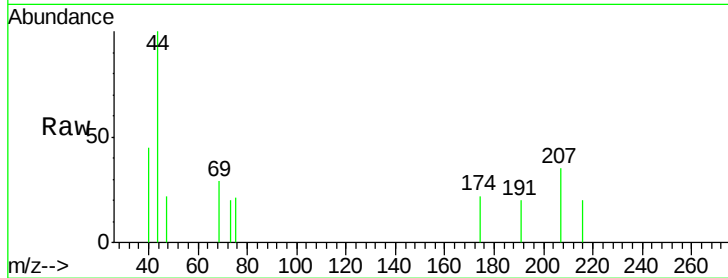
TP-5

Tot Ion: 75 Resp: 69

Ion Ratio Lower Upper

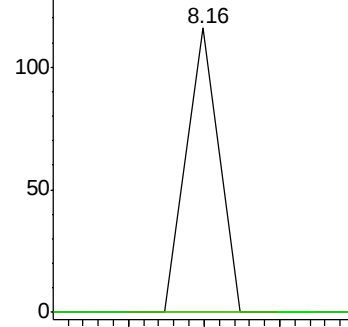
75 100

77 0.0 25.3 37.9#

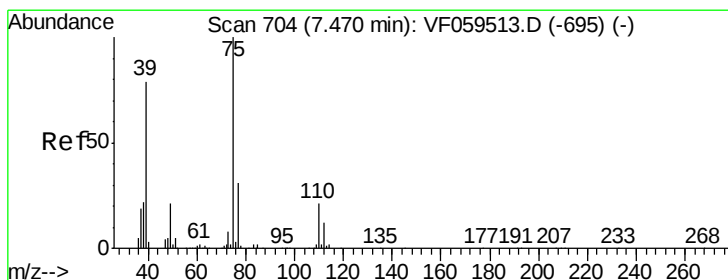
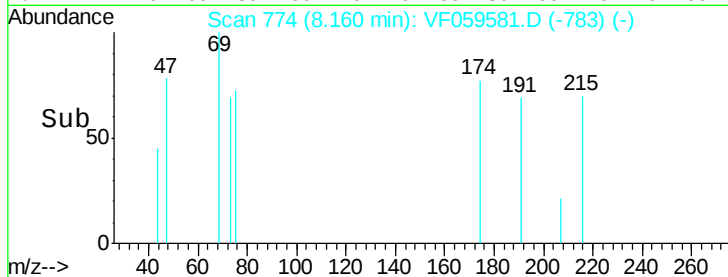


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 67.90 ug/l

RT: 7.25 min Scan# 682

Delta R.T. -0.22 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

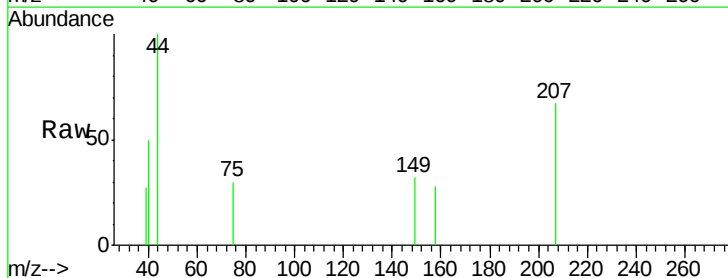
Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

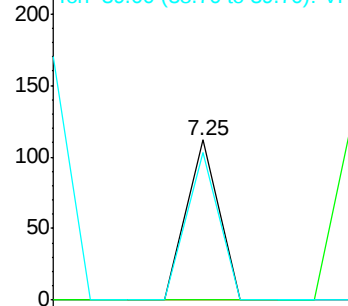
39 92.0 63.8 95.6



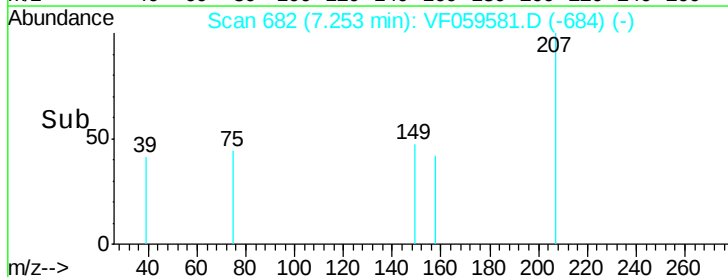
Abundance Ion 75.00 (74.70 to 75.70): VF0

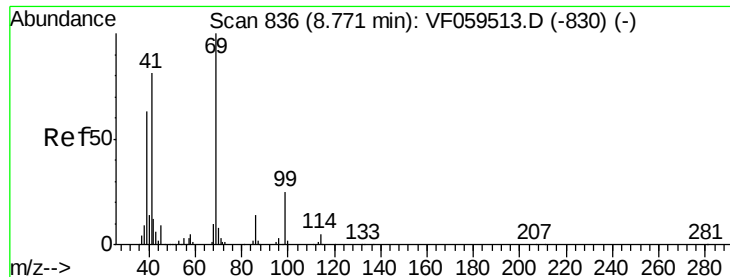
Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->





#56

Ethyl methacrylate

Concen: 285.00 ug/l

RT: 8.61 min Scan# 820

Delta R.T. -0.16 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleID :

TP-5

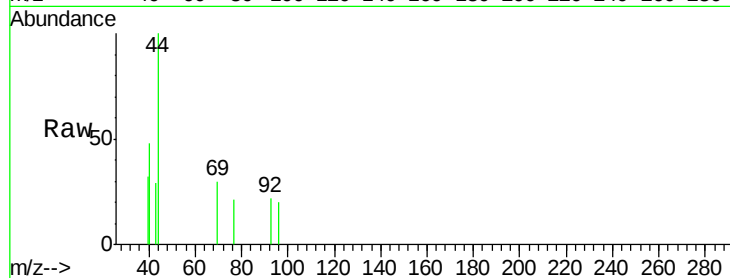
Tot Ion: 69 Resp: 162

Ion Ratio Lower Upper

69 100

41 0.0 65.4 98.2#

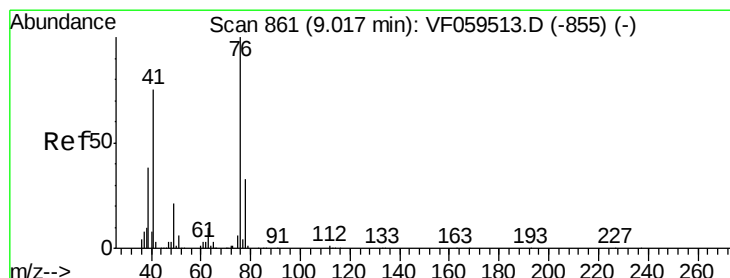
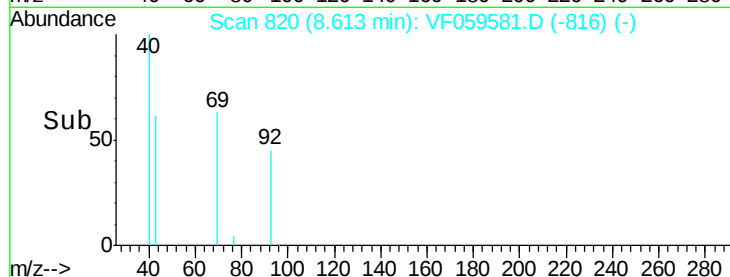
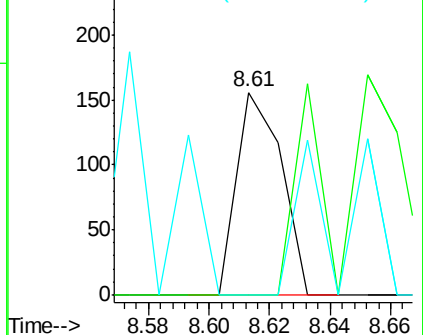
39 0.0 51.0 76.4#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#57

1,3-Dichloropropane

Concen: 74.03 ug/l

RT: 8.78 min Scan# 837

Delta R.T. -0.24 min

Lab File: VF059581.D

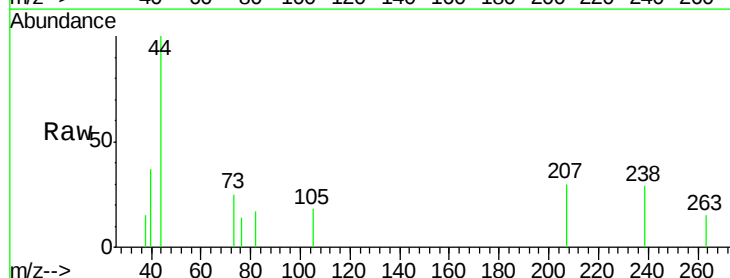
Acq: 20 Jul 2018 3:20

Tgt Ion: 76 Resp: 60

Ion Ratio Lower Upper

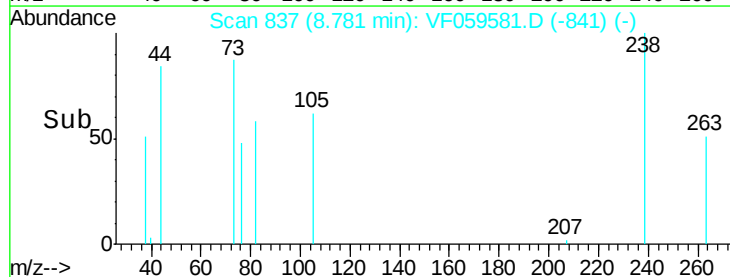
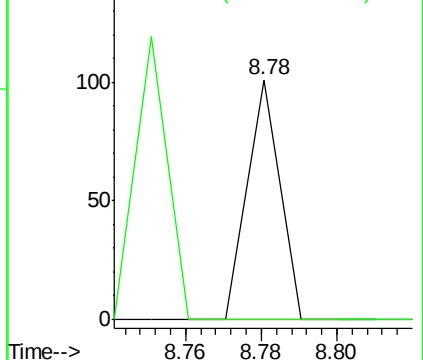
76 100

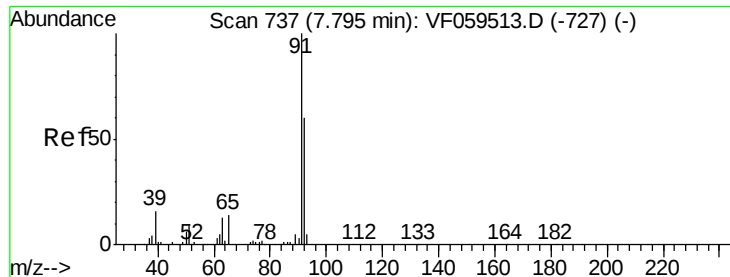
78 0.0 26.4 39.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

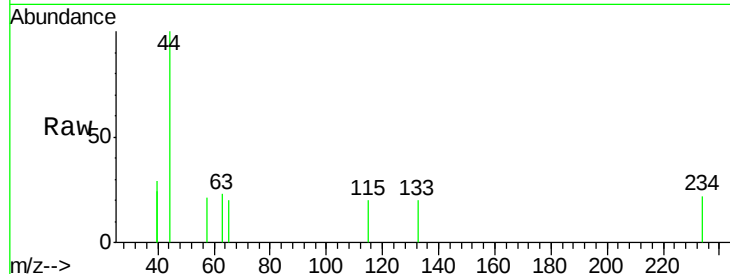




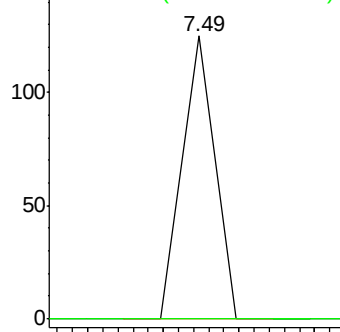
#58
 2-Chloroethyl Vinyl ether
 Concen: 1474.57 ug/l
 RT: 7.49 min Scan# 706
 Delta R.T. -0.31 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

Instrument :
 MSVOA_F
 ClientSampled :
 TP-5

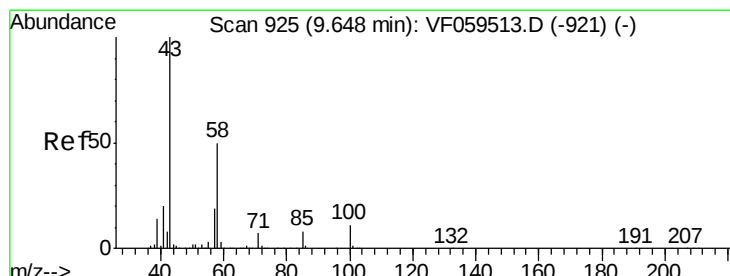
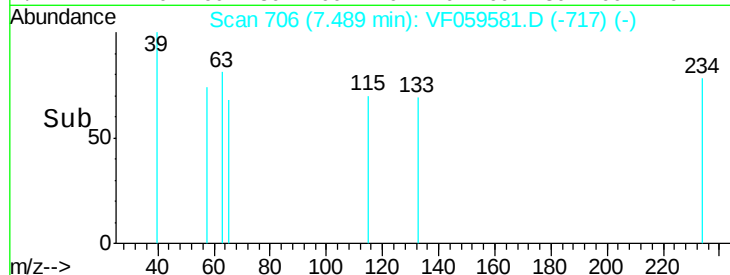
Tot Ion: 63 Resp: 74
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0
 Ion 106.00 (105.70 to 106.70): V

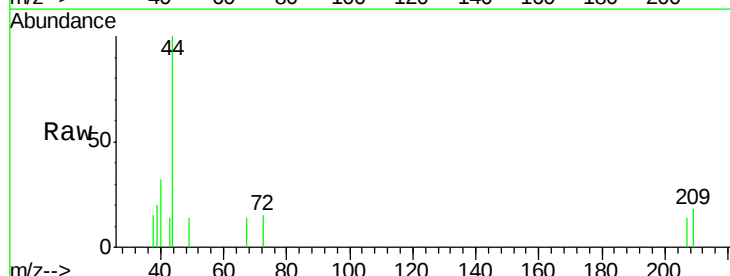


Time--> 7.46 7.48 7.50 7.52

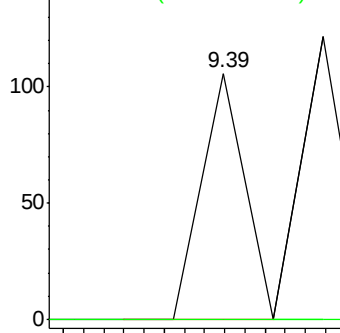


#59
 2-Hexanone
 Concen: 194.65 ug/l
 RT: 9.39 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

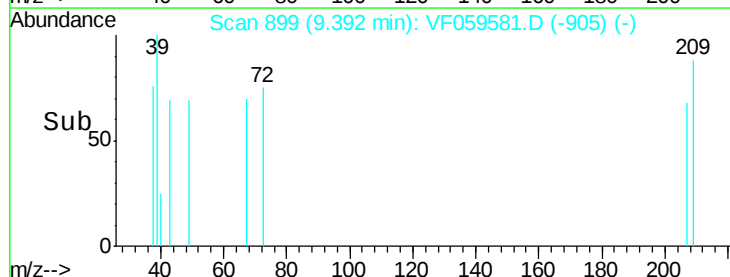
Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.3 69.9#

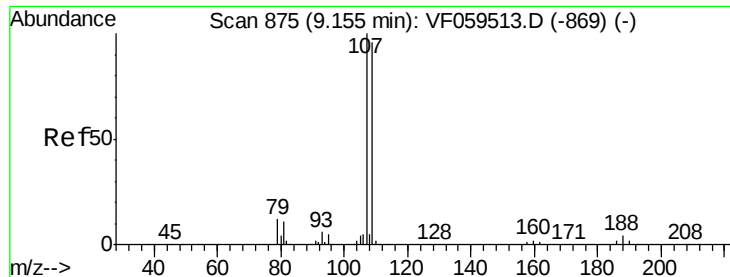


Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 58.00 (57.70 to 58.70): VF0



Time--> 9.36 9.38 9.40





#61

1,2-Dibromoethane

Concen: 119.56 ug/l

RT: 9.04 min Scan# 863

Delta R.T. -0.12 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampled :

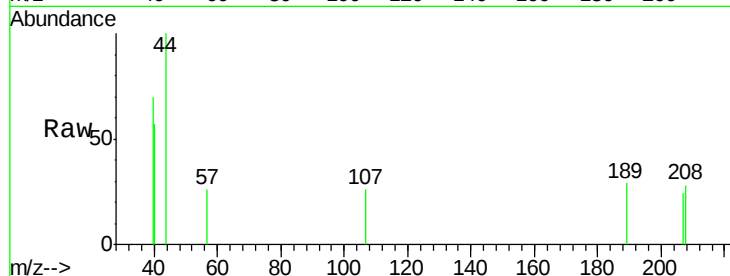
TP-5

Tot Ion:107 Resp: 68

Ion Ratio Lower Upper

107 100

109 0.0 76.5 114.7#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.04

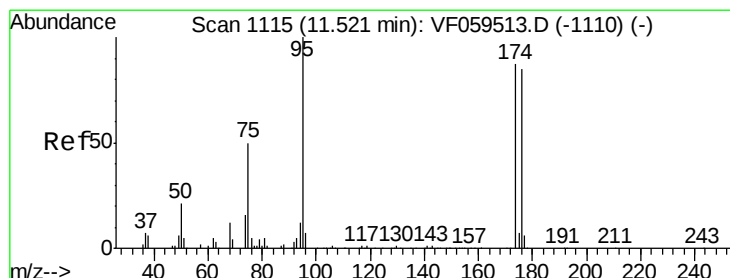
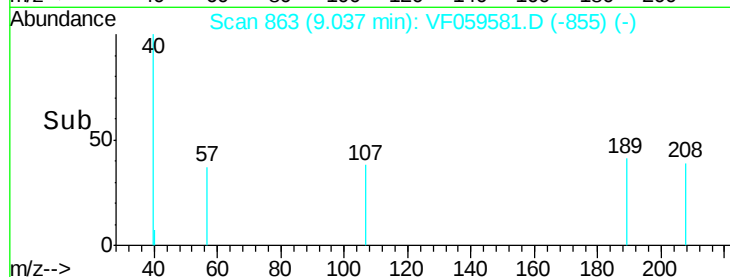
100

50

0

9.02 9.04

Time-->



#62

4-Bromofluorobenzene

Concen: 89.46 ug/l

RT: 11.26 min Scan# 1089

Delta R.T. -0.26 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

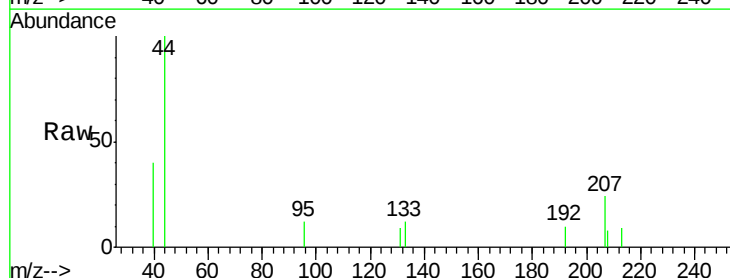
Tgt Ion: 95 Resp: 86

Ion Ratio Lower Upper

95 100

174 0.0 0.0 174.4

176 0.0 0.0 169.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.26

150

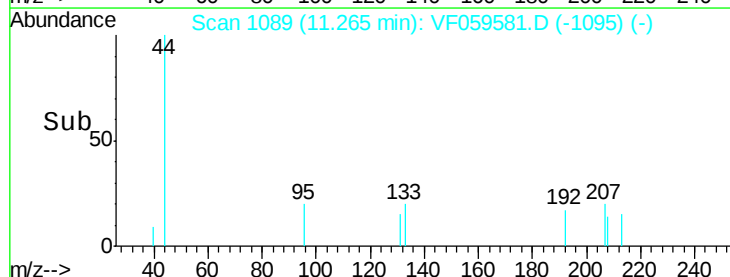
100

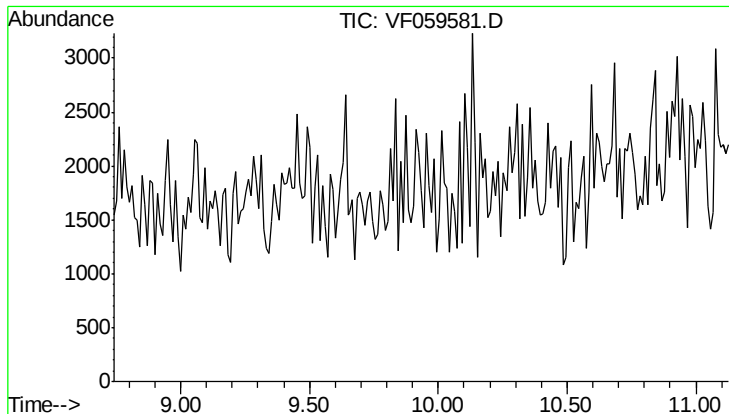
50

0

11.24 11.26 11.28

Time-->

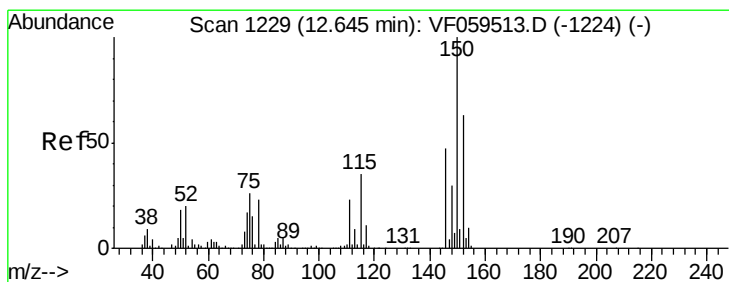
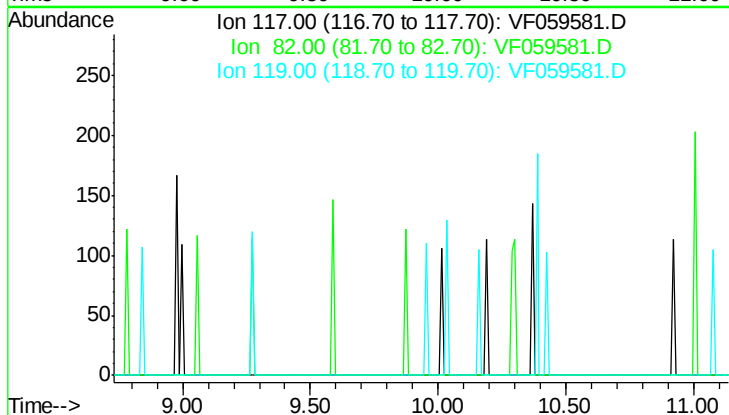




#63
 Chlorobenzene-d5
 Concen: 0.00 ug/l
 Expected RT: 9.93 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

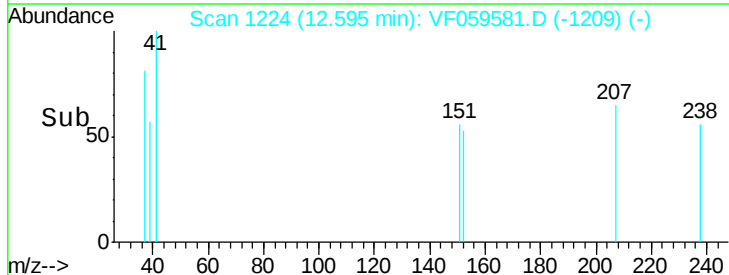
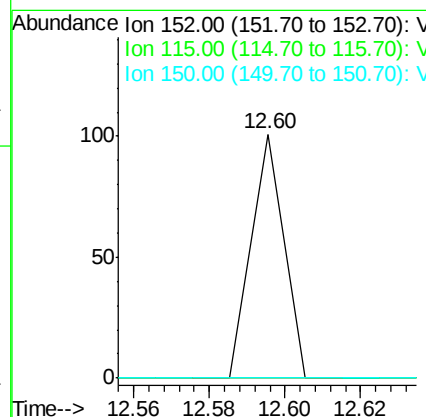
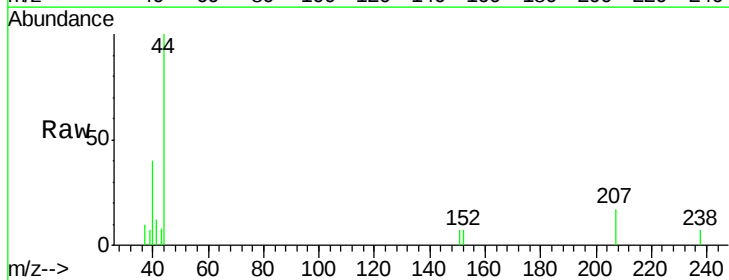
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5

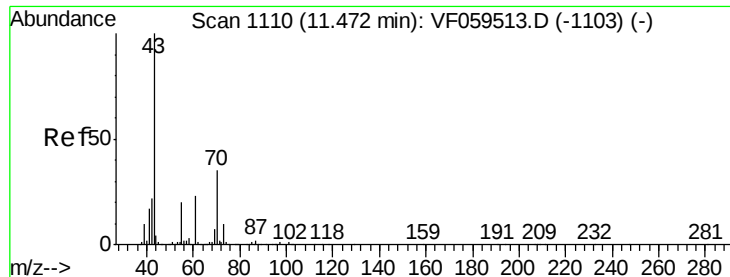
Tot Ion: 117
 Sig Exp Ratio
 117 100
 82 57.6
 119 34.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.60 min Scan# 1224
 Delta R.T. -0.05 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

Tgt Ion: 152 Resp: 60
 Ion Ratio Lower Upper
 152 100
 115 0.0 27.8 83.3#
 150 0.0 0.0 318.4





#74

N-amvl acetate

Concen: 56.08 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleId :

TP-5

Tot Ion: 43 Resp: 68

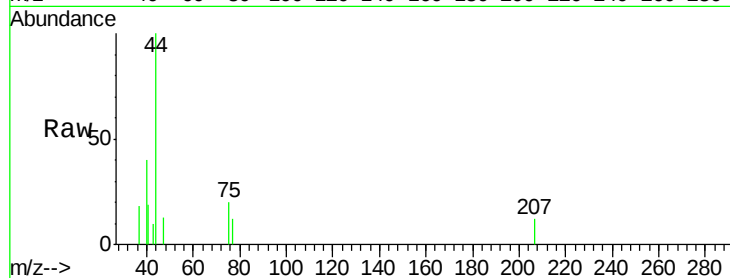
Ion Ratio Lower Upper

43 100

70 0.0 27.9 41.9#

55 0.0 16.2 24.2#

61 0.0 18.6 27.8#

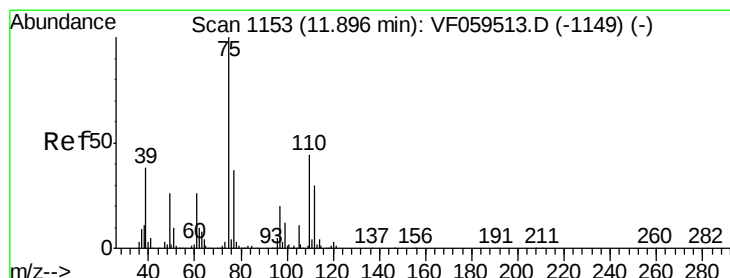
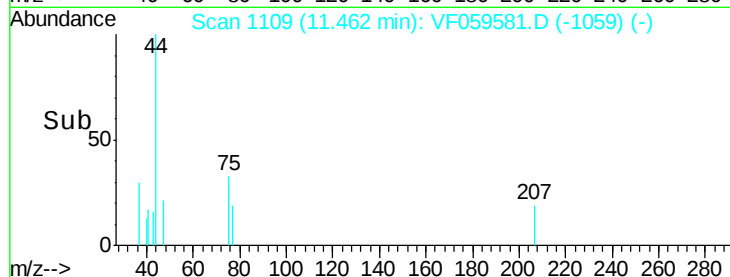
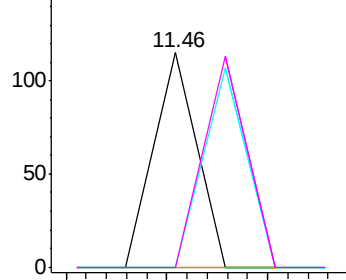


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#76

1,2,3-Trichloropropane

Concen: 91.94 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.03 min

Lab File: VF059581.D

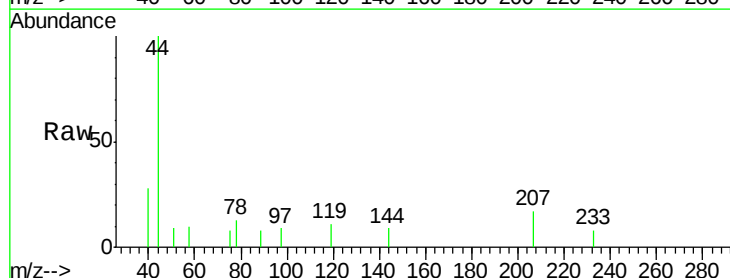
Acq: 20 Jul 2018 3:20

Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

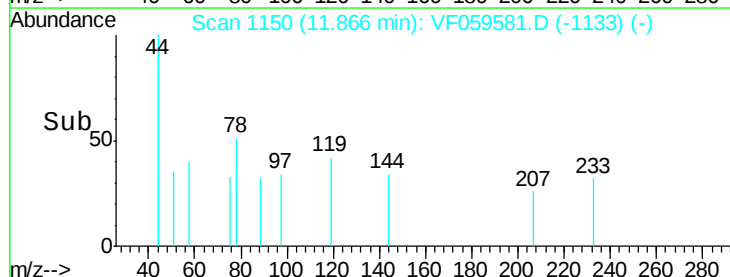
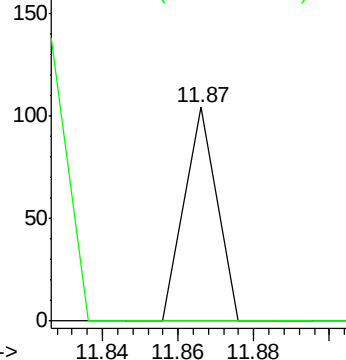
75 100

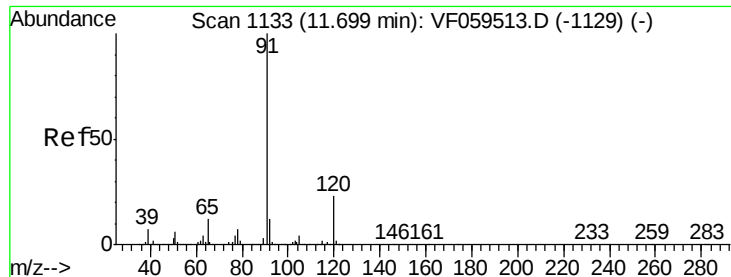
77 0.0 18.7 56.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#78

n-propylbenzene

Concen: 20.26 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. 0.13 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampled :

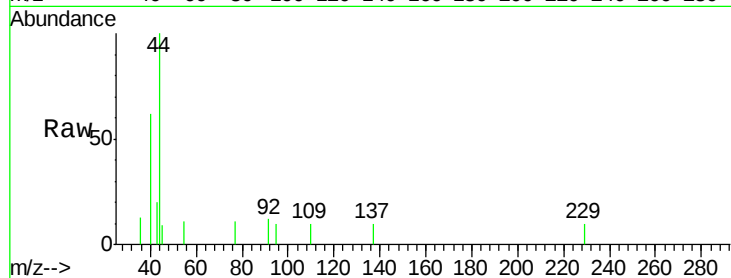
TP-5

Tot Ion: 91 Resp: 88

Ion Ratio Lower Upper

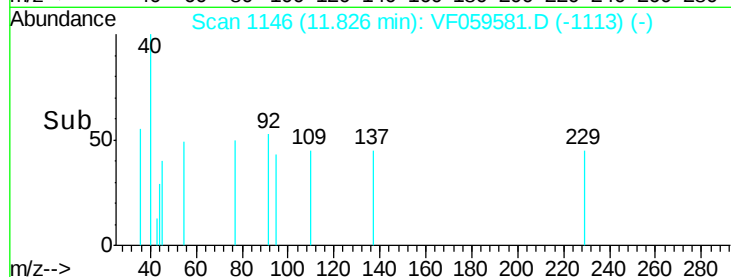
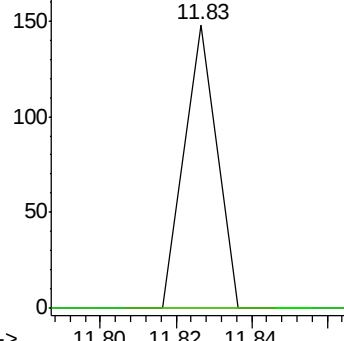
91 100

120 0.0 11.3 33.9#

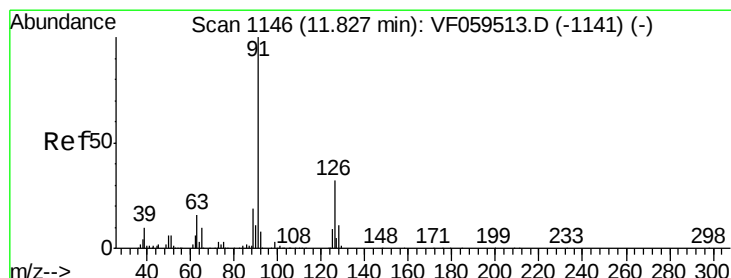


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 32.90 ug/l

RT: 11.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VF059581.D

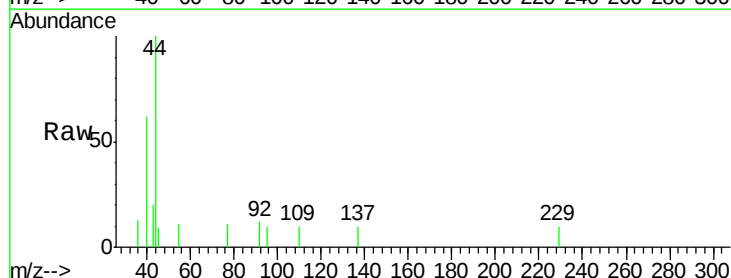
Acq: 20 Jul 2018 3:20

Tgt Ion: 91 Resp: 88

Ion Ratio Lower Upper

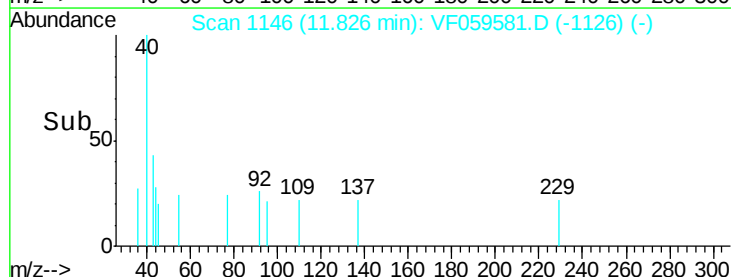
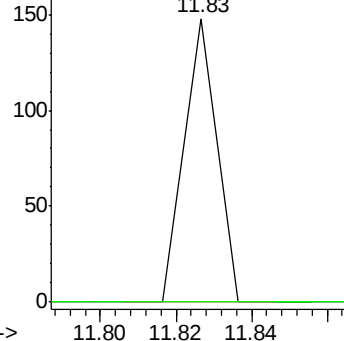
91 100

126 0.0 15.7 47.1#

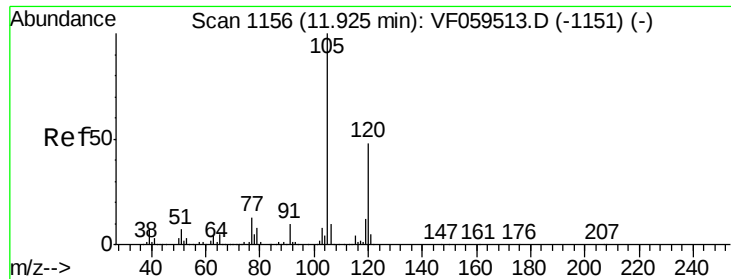


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



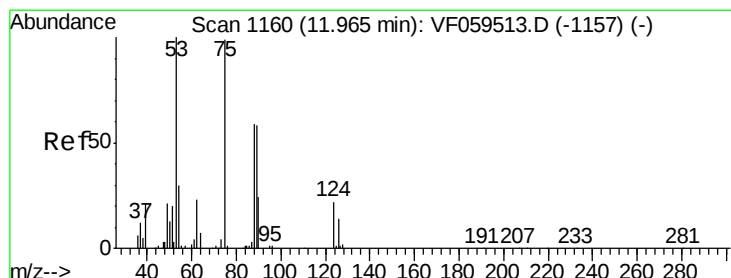
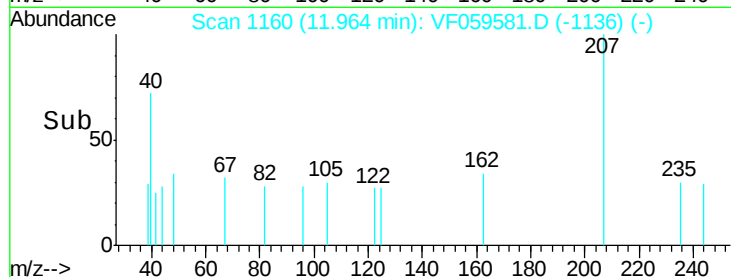
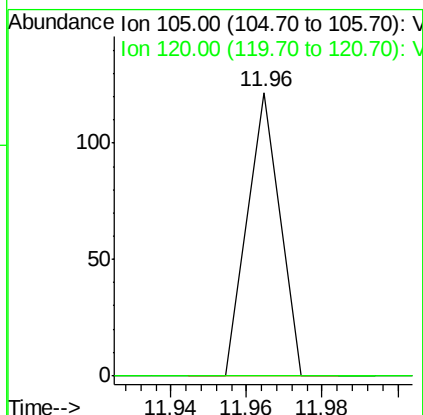
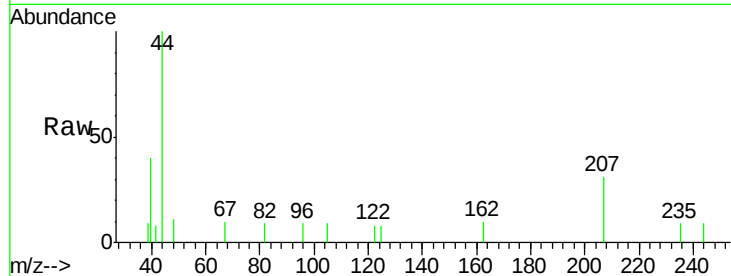
Time-->



#80
 1,3,5-Trimethylbenzene
 Concen: 22.70 ug/l
 RT: 11.96 min Scan# 1160
 Delta R.T. 0.04 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

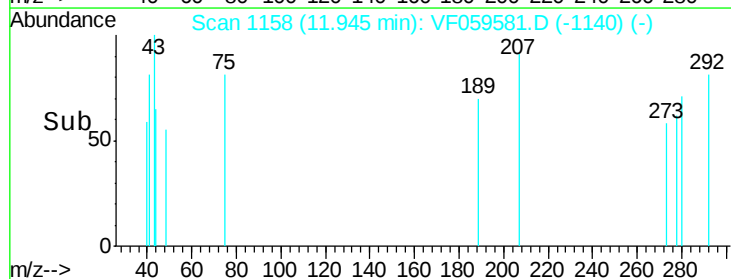
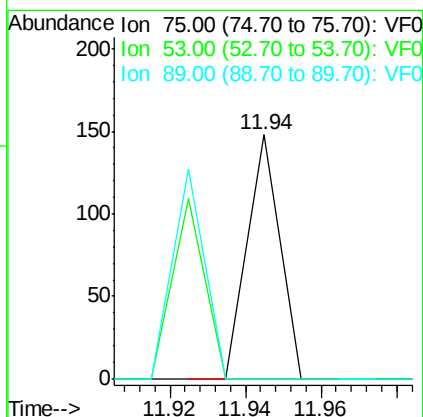
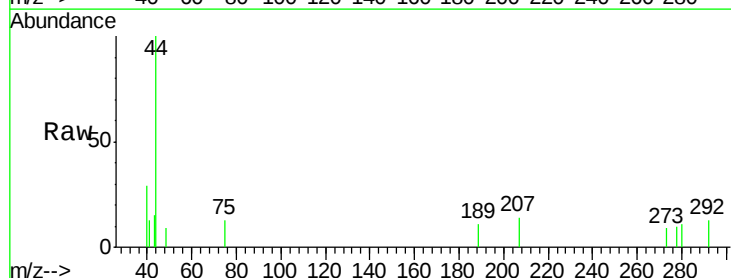
Instrument :
 MSVOA_F
 ClientSampled :
 TP-5

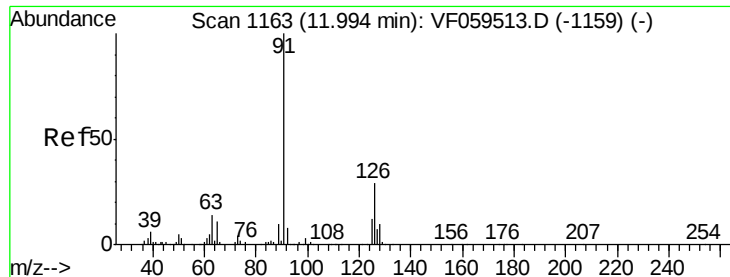
Tot Ion:105 Resp: 72
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.1 72.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 285.68 ug/l
 RT: 11.94 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

Tgt Ion: 75 Resp: 88
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 127.0#
 89 0.0 48.2 72.4#





#82

4-Chlorotoluene

Concen: 28.36 ug/l

RT: 12.12 min Scan# 1176

Delta R.T. 0.13 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleId :

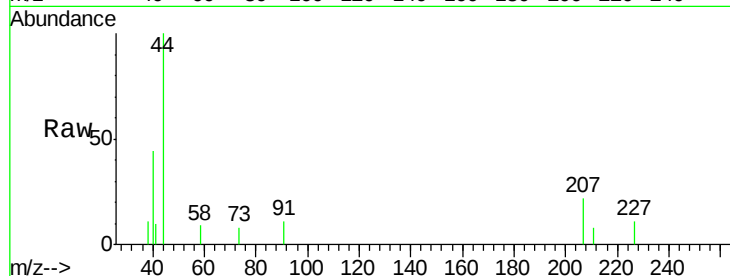
TP-5

Tot Ion: 91 Resp: 85

Ion Ratio Lower Upper

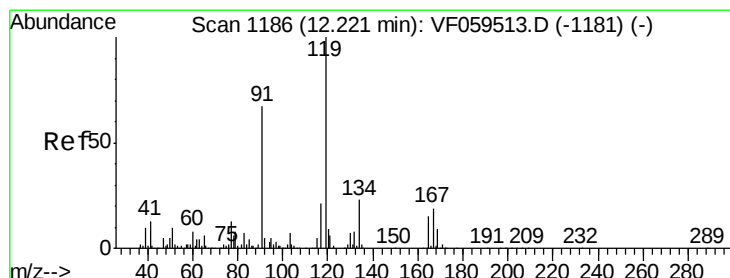
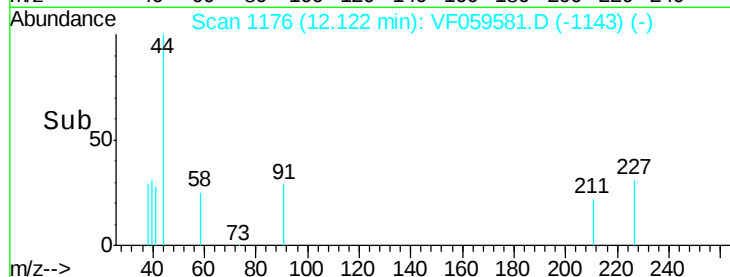
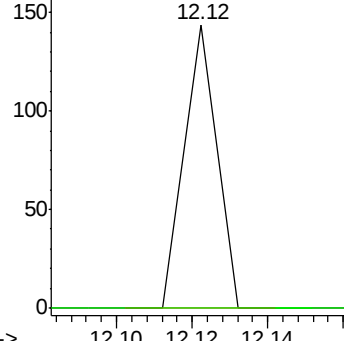
91 100

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



#83

tert-Butylbenzene

Concen: 33.50 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.03 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

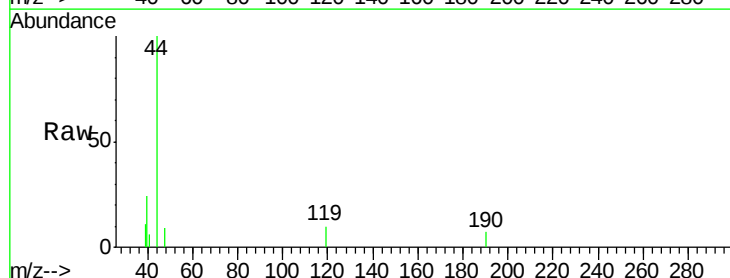
Tgt Ion: 119 Resp: 102

Ion Ratio Lower Upper

119 100

91 0.0 33.5 100.5#

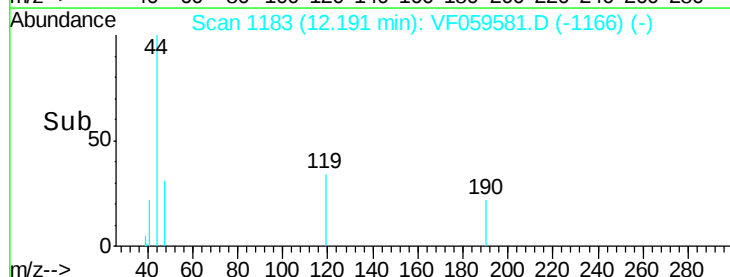
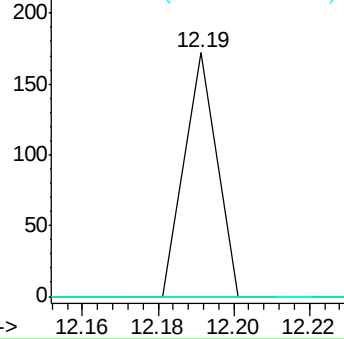
134 0.0 11.3 33.8#

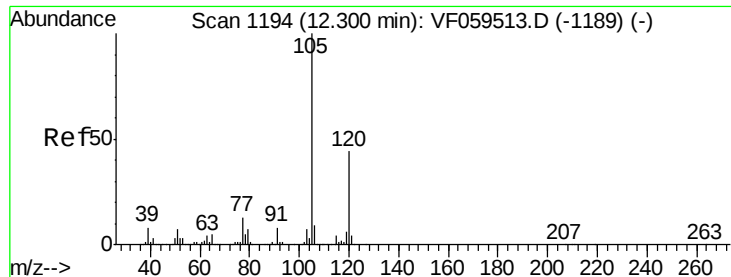


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

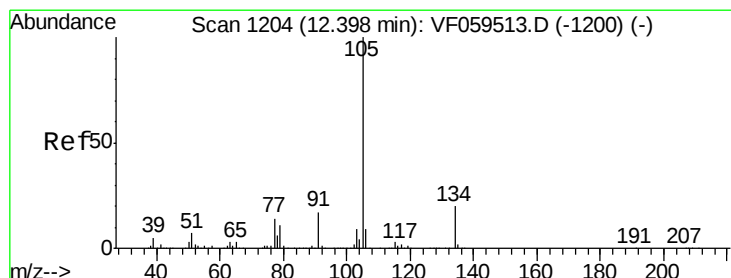
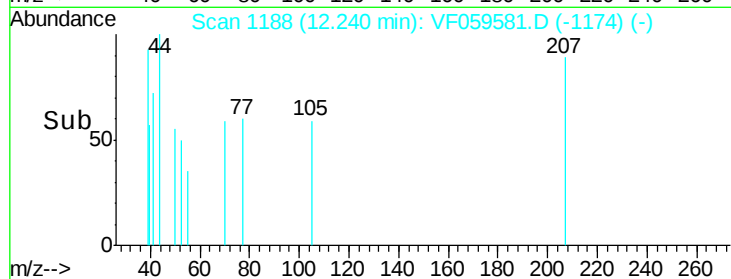
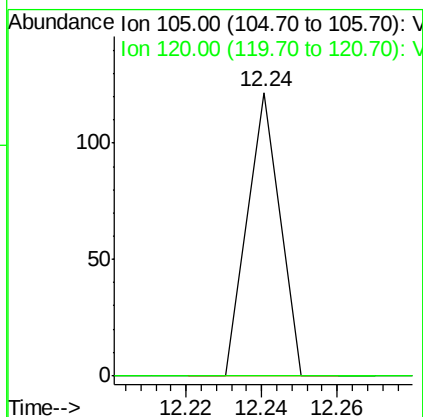
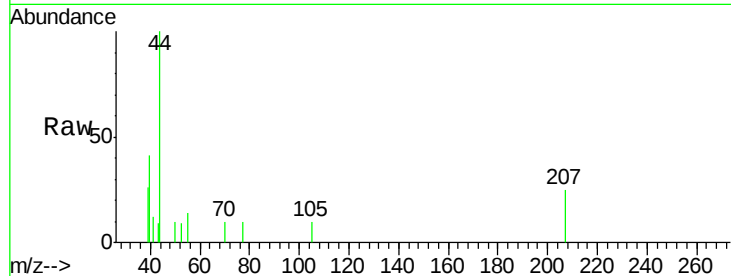




#84
 1,2,4-Trimethylbenzene
 Concen: 22.06 ug/l
 RT: 12.24 min Scan# 1188
 Delta R.T. -0.06 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

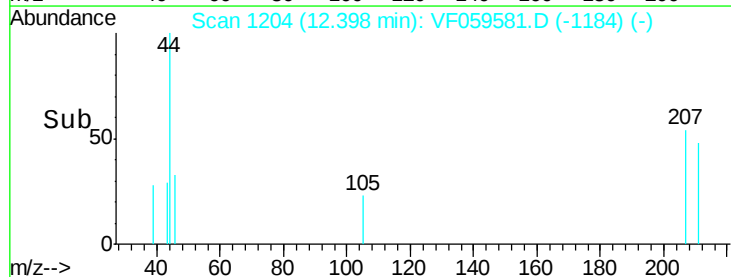
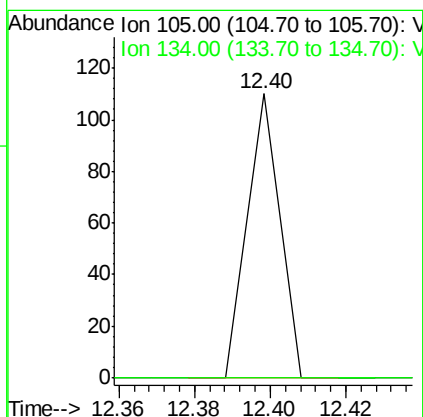
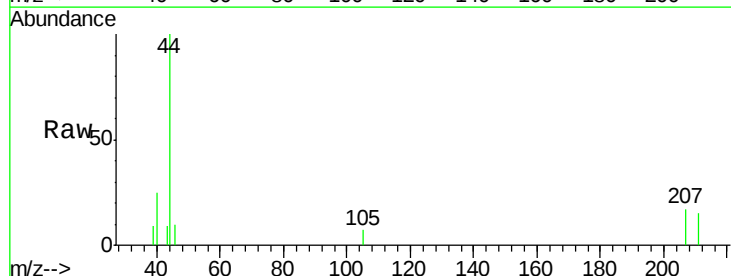
Instrument :
 MSVOA_F
 ClientSampled :
 TP-5

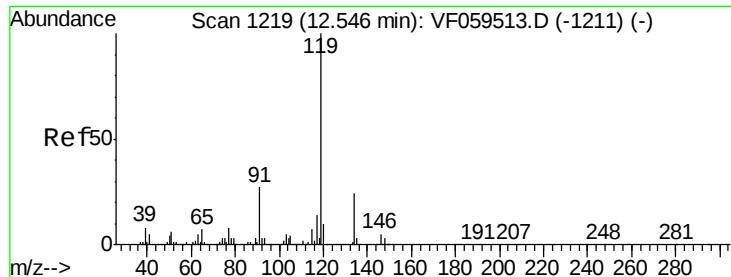
Tot Ion:105 Resp: 72
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.5 67.5#



#85
 sec-Butylbenzene
 Concen: 16.79 ug/l
 RT: 12.40 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: VF059581.D
 Acq: 20 Jul 2018 3:20

Tgt Ion:105 Resp: 65
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

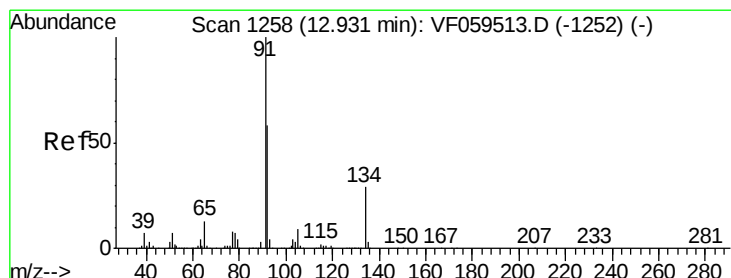
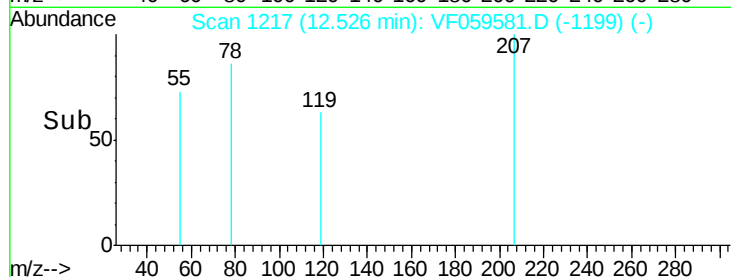
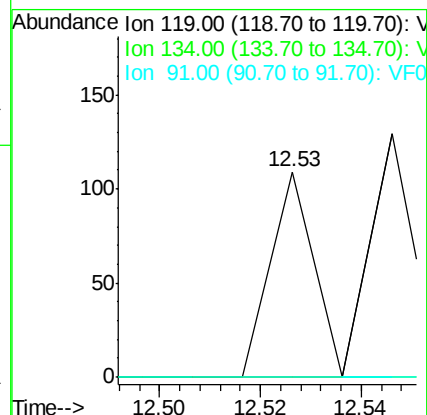
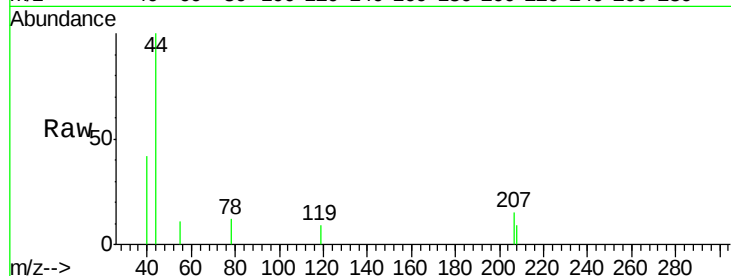




#86
p-Isopropyltoluene
Concen: 19.00 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. -0.02 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

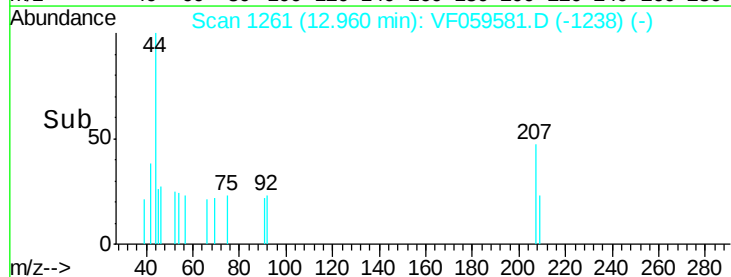
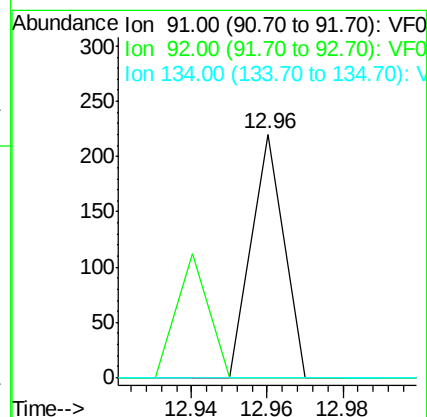
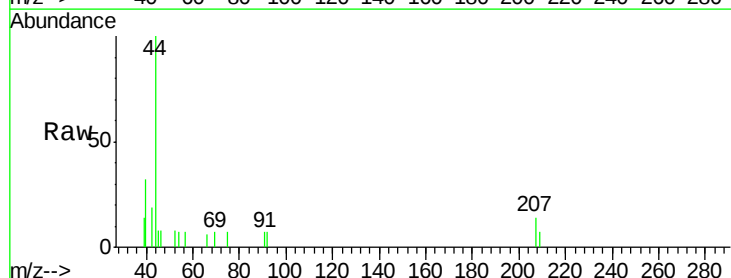
Instrument :
MSVOA_F
ClientSampleId :
TP-5

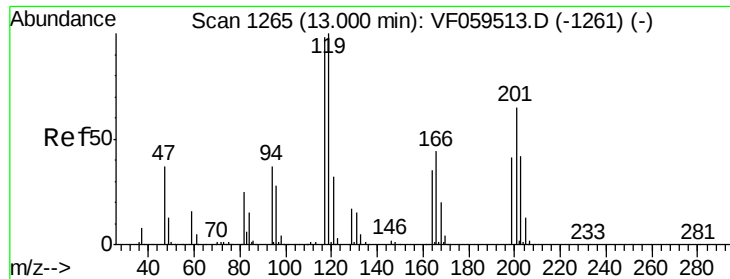
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.0	36.0#
91	0.0	13.5	40.4#



#89
n-Butylbenzene
Concen: 41.23 ug/l
RT: 12.96 min Scan# 1261
Delta R.T. 0.03 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	29.1	87.3#
134	0.0	14.3	42.9#





#90

Hexachloroethane

Concen: 109.76 ug/l

RT: 12.85 min Scan# 1250

Delta R.T. -0.15 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

Instrument :

MSVOA_F

ClientSampleId :

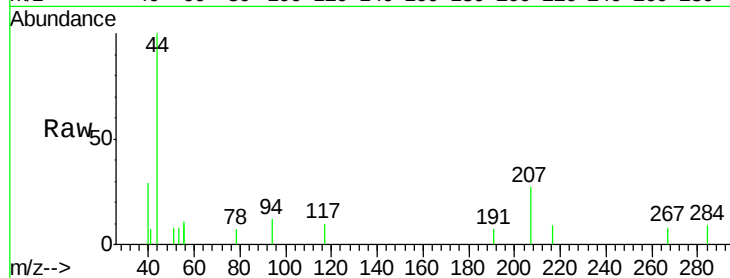
TP-5

Tot Ion:117 Resp: 84

Ion Ratio Lower Upper

117 100

201 0.0 32.6 98.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

12.85

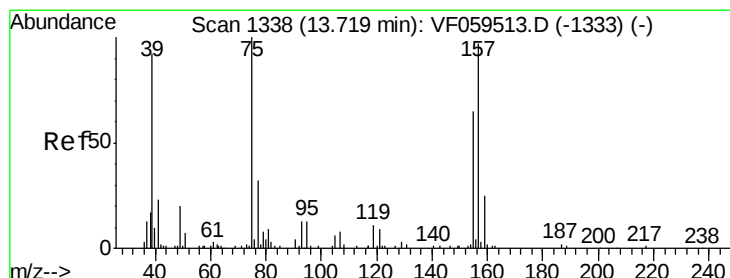
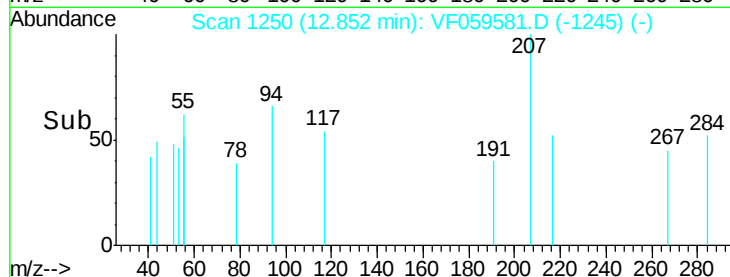
150

100

50

0

Time--> 12.82 12.84 12.86 12.88



#92

1,2-Dibromo-3-Chloropropane

Concen: 342.09 ug/l

RT: 13.73 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VF059581.D

Acq: 20 Jul 2018 3:20

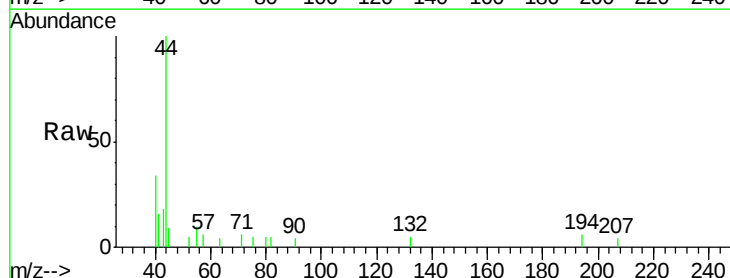
Tgt Ion: 75 Resp: 64

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

13.73

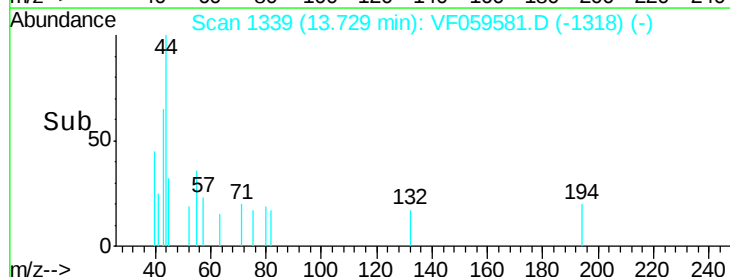
150

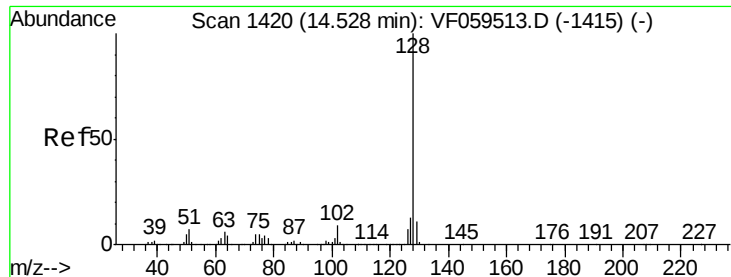
100

50

0

Time--> 13.70 13.72 13.74 13.76

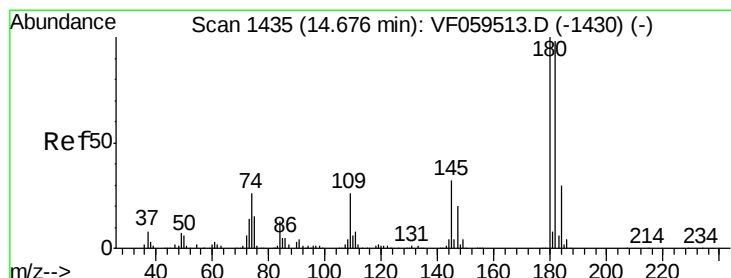
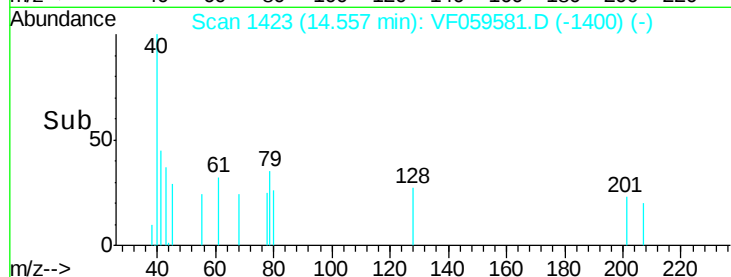
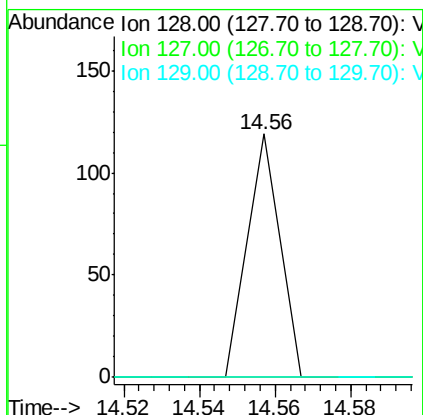
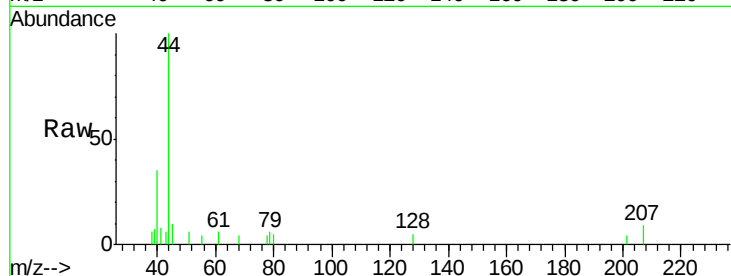




#95
Naphthalene
Concen: 31.85 ug/l
RT: 14.56 min Scan# 1423
Delta R.T. 0.03 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

Instrument :
MSVOA_F
ClientSampleId :
TP-5

Tot Ion:128 Resp: 70
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: 98.33 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.04 min
Lab File: VF059581.D
Acq: 20 Jul 2018 3:20

Tgt Ion:180 Resp: 94
Ion Ratio Lower Upper
180 100
182 63.5 48.8 146.4
145 0.0 16.2 48.6#

