

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122218\
 Data File : VF061155.D
 Acq On : 22 Dec 2018 20:19
 Operator : VA/AP
 Sample : J6469-01RE
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Dec 24 02:59:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	214060	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	420446	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	299603	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	75783	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	144310	52.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	4.13	113	164875	48.95	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	7.57	98	335402	35.14	ug/l	0.01
Spiked Amount	50.000		Recovery	=	70.28%	
62) 4-Bromofluorobenzene	11.43	95	131494	29.88	ug/l	0.01
Spiked Amount	50.000		Recovery	=	59.76%	
Target Compounds						
					Qvalue	
13) Acrolein	1.96	56	372	4.634	ug/l	88
15) Acrylonitrile	2.93	53	261	1.016	ug/l #	14
16) Acetone	2.26	43	2984	5.422	ug/l #	89
18) Methyl Acetate	2.36	43	5487	4.819	ug/l #	80
20) Methylene Chloride	2.26	84	3140	Below Cal	#	84
25) 2-Butanone	4.35	43	1296	1.452	ug/l #	57
51) 4-Methyl-2-Pentanone	8.29	43	14611	8.694	ug/l #	64
56) Ethyl methacrylate	8.64	69	9976	4.257	ug/l #	85
59) 2-Hexanone	9.54	43	3969	3.266	ug/l #	27
67) Ethyl Benzene	9.92	91	70359	6.240	ug/l	97
68) m/p-Xylenes	10.15	106	38842	9.788	ug/l	87
69) o-Xylene	10.73	106	154774	35.167	ug/l	99
70) Styrene	10.80	104	542	Below Cal	#	1
73) Isopropylbenzene	11.13	105	87764	13.439	ug/l	95
74) N-amyl acetate	11.41	43	43808	30.214	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.68	83	38670	35.678	ug/l #	1
76) 1,2,3-Trichloropropane	11.84	75	16357	20.279	ug/l #	1
78) n-propylbenzene	11.61	91	538705	82.921	ug/l	99
79) 2-Chlorotoluene	11.72	91	251119	56.053	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.84	105	1335233	248.301	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.84	75	16357	47.192	ug/l #	1
82) 4-Chlorotoluene	11.84	91	150093	32.386	ug/l #	43
83) tert-Butylbenzene	12.22	119	159938	28.903	ug/l #	49
84) 1,2,4-Trimethylbenzene	12.22	105	1295604	241.605	ug/l	97
85) sec-Butylbenzene	12.32	105	307919	42.640	ug/l	87
86) p-Isopropyltoluene	12.44	119	676653	112.887	ug/l	98
87) 1,3-Dichlorobenzene	12.50	146	125	Below Cal	#	1
89) n-Butylbenzene	12.86	91	814980	Below Cal	#	63
90) Hexachloroethane	12.95	117	26427	17.845	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.63	75	7930	39.871	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.21	180	5068	2.843	ug/l #	1
95) Naphthalene	14.48	128	165723	50.918	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.56	180	44093	26.760	ug/l #	1

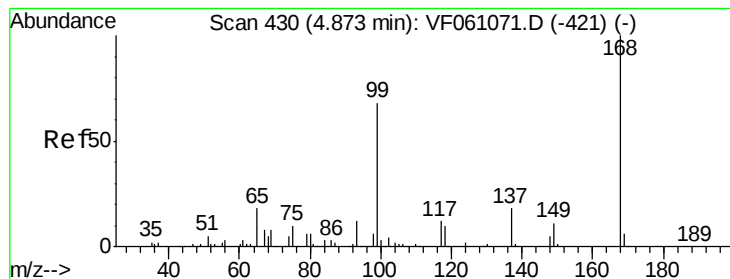
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122218\
Data File : VF061155.D
Acq On : 22 Dec 2018 20:19
Operator : VA/AP
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

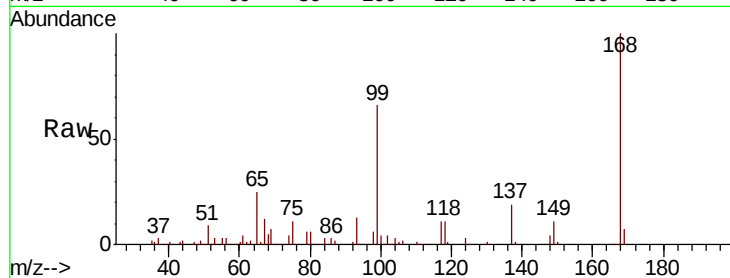
ClientSampleId :

Tot Ion:168 Resp: 214060

Ion Ratio Lower Upper

168 100

99 66.4 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

80000

60000

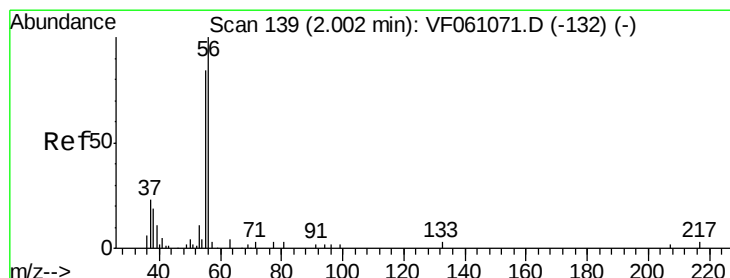
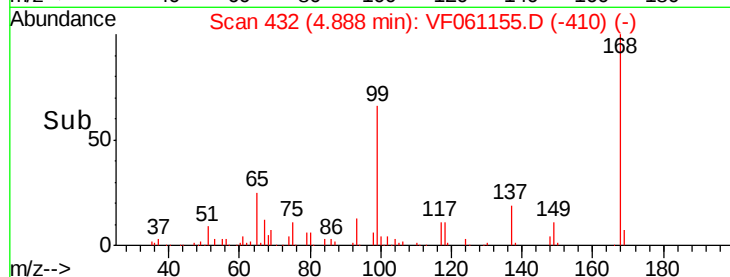
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#13

Acrolein

Concen: 4.634 ug/l

RT: 1.96 min Scan# 135

Delta R.T. -0.04 min

Lab File: VF061155.D

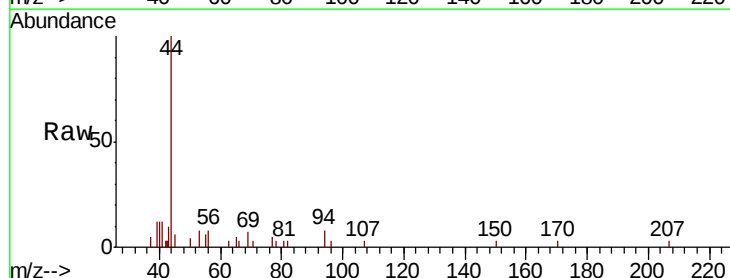
Acq: 22 Dec 2018 20:19

Tgt Ion: 56 Resp: 372

Ion Ratio Lower Upper

56 100

55 76.3 70.2 105.2



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

500

400

300

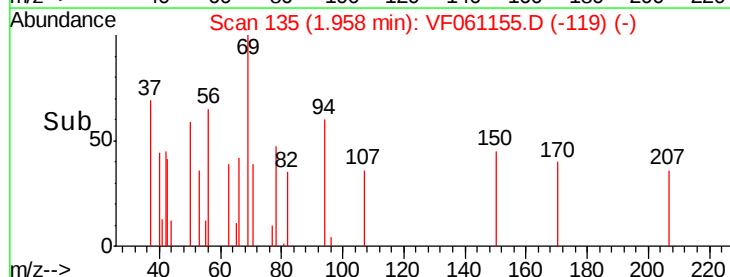
200

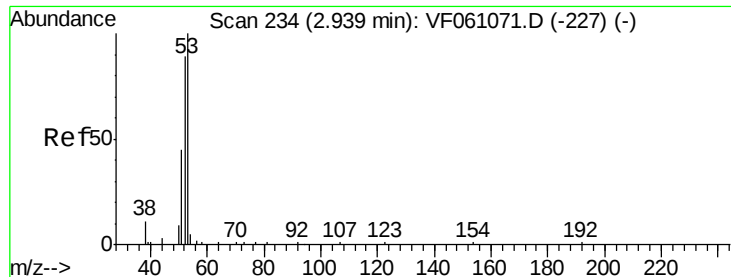
100

0

Time-->

1.92 1.94 1.96 1.98





#15

Acrylonitrile

Concen: 1.016 ug/l

RT: 2.93 min Scan# 234

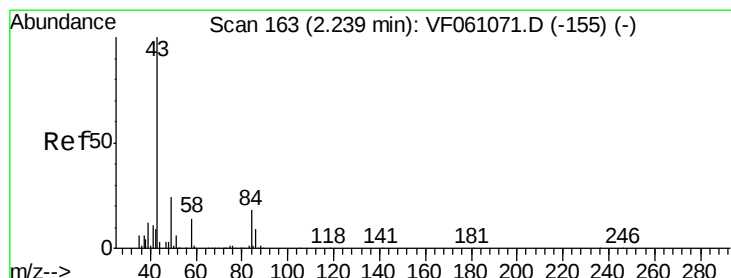
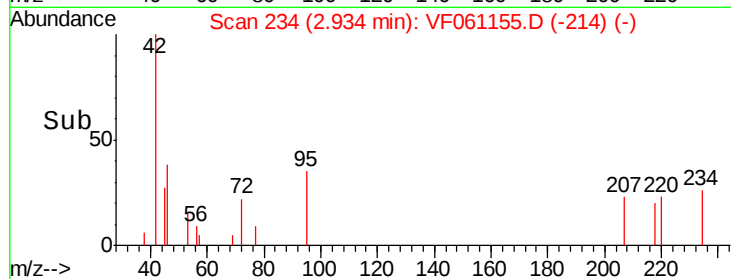
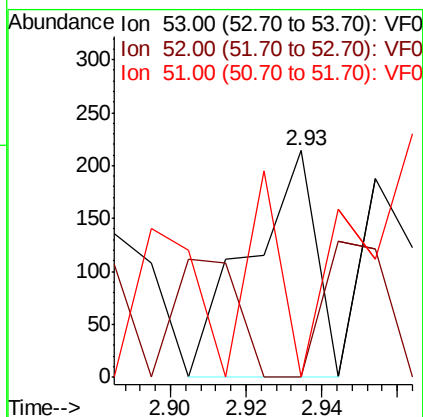
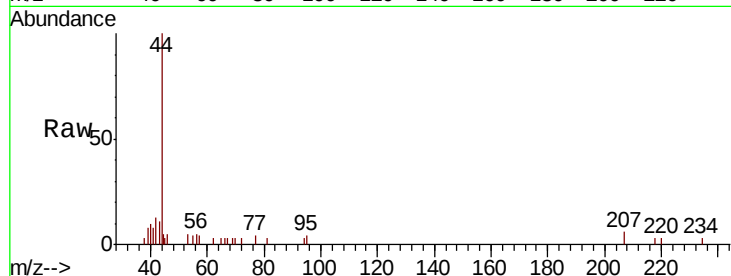
Delta R.T. -0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	53	Resp:	261
Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	0.0	36.8	55.2#



#16

Acetone

Concen: 5.422 ug/l

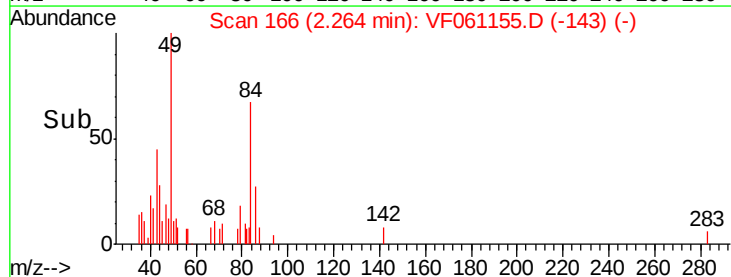
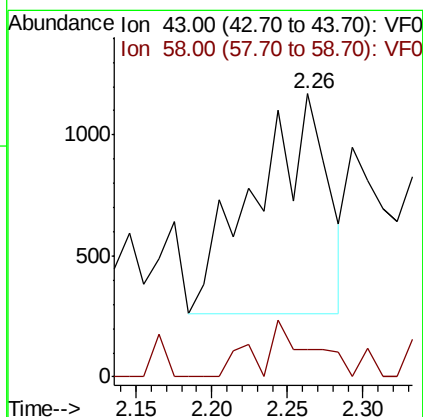
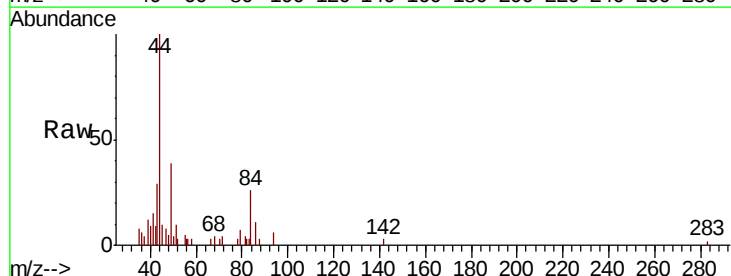
RT: 2.26 min Scan# 166

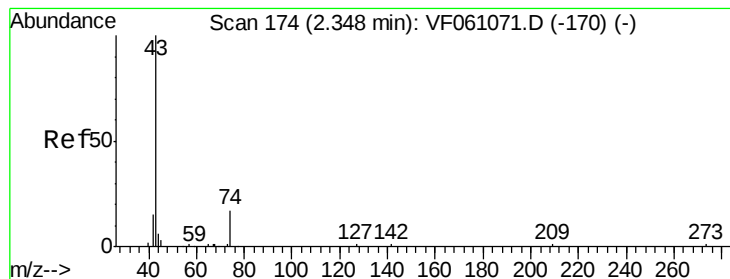
Delta R.T. 0.02 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Tgt Ion:	43	Resp:	2984
Ion	Ratio	Lower	Upper
43	100		
58	9.5	11.1	16.7#





#18

Methyl Acetate

Concen: 4.819 ug/l

RT: 2.36 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

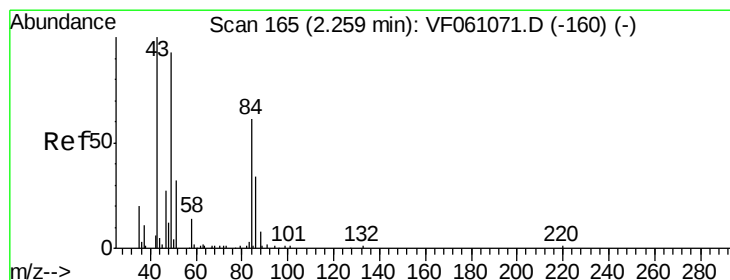
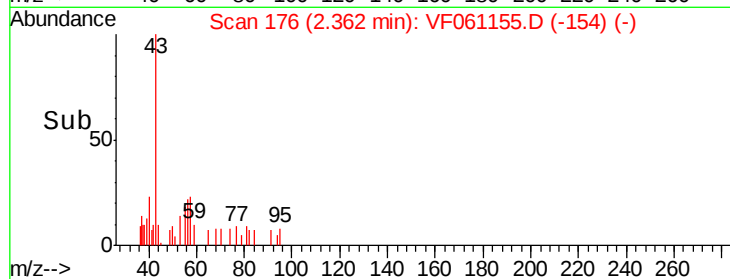
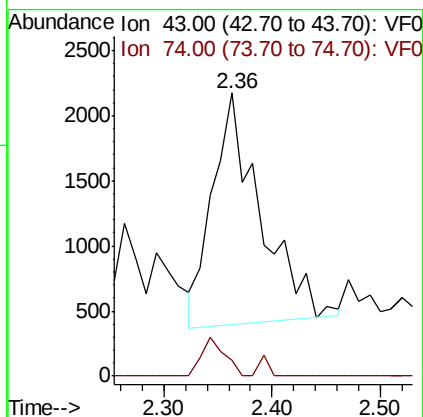
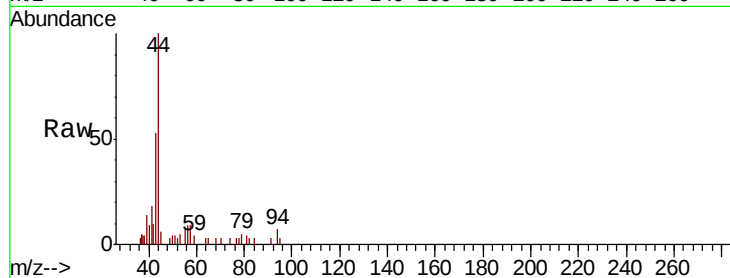
ClientSampled :

Tot Ion: 43 Resp: 5487

Ion Ratio Lower Upper

43 100

74 5.7 11.0 16.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.26 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Tgt Ion: 84 Resp: 3140

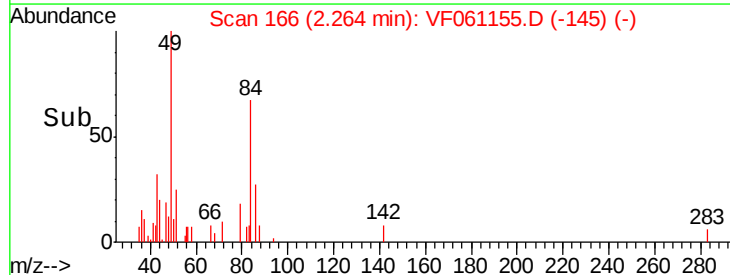
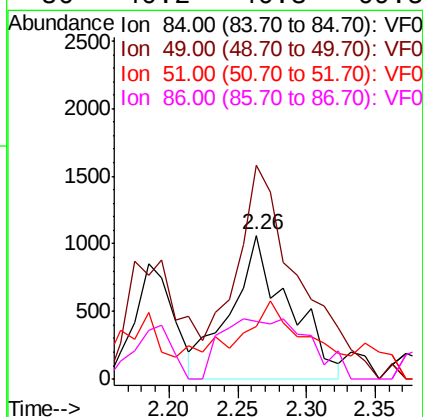
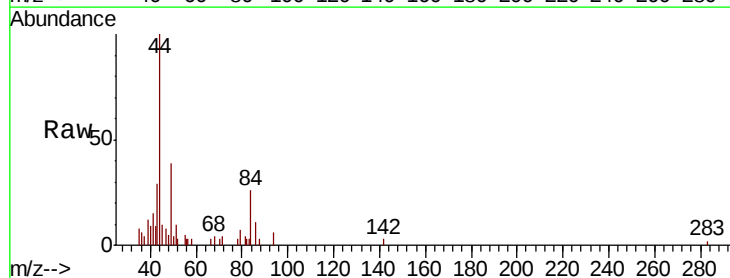
Ion Ratio Lower Upper

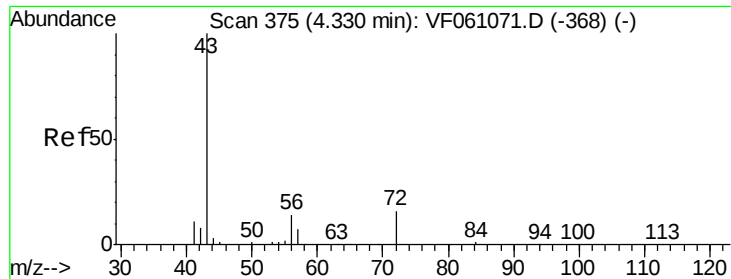
84 100

49 148.9 129.4 194.2

51 36.6 44.0 66.0#

86 40.2 46.3 69.5#

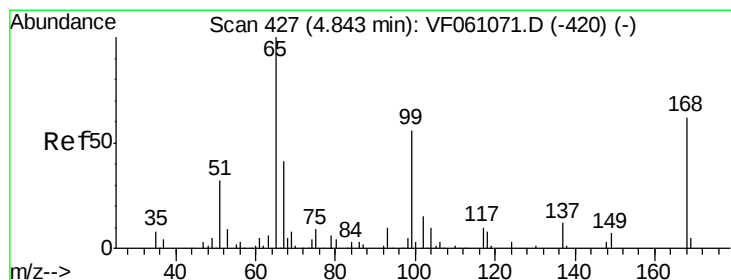
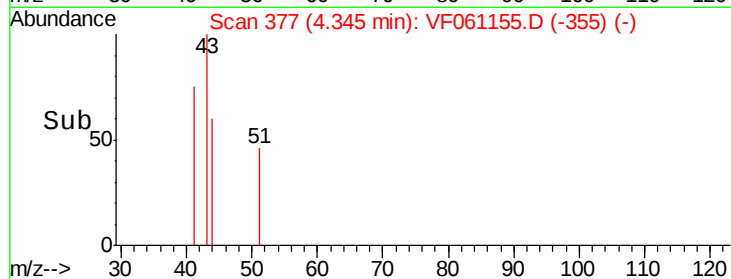
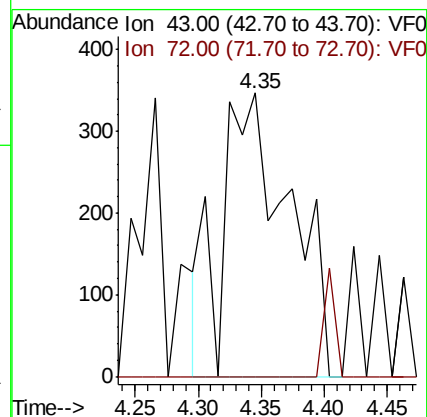
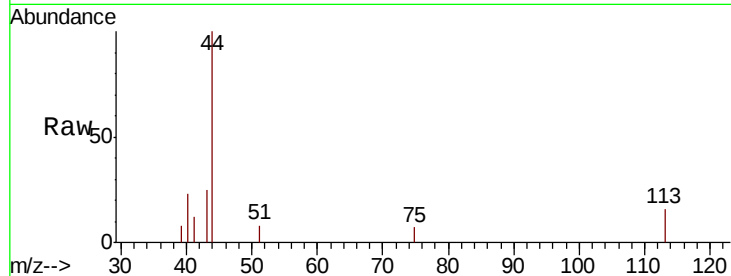




#25
2-Butanone
Concen: 1.452 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

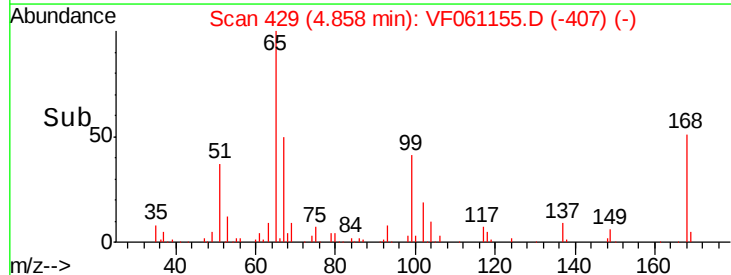
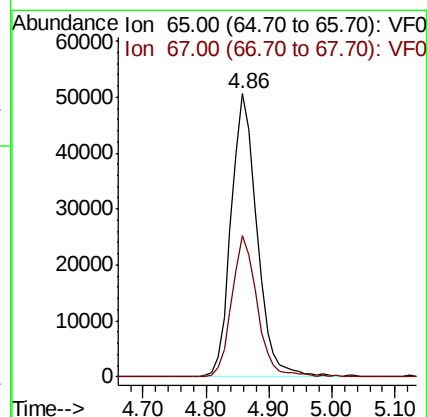
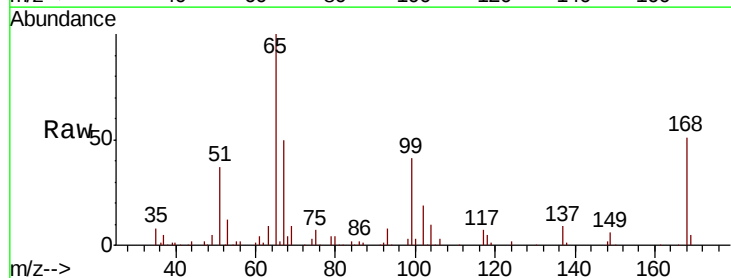
Instrument :
MSVOA_F
ClientSampled :

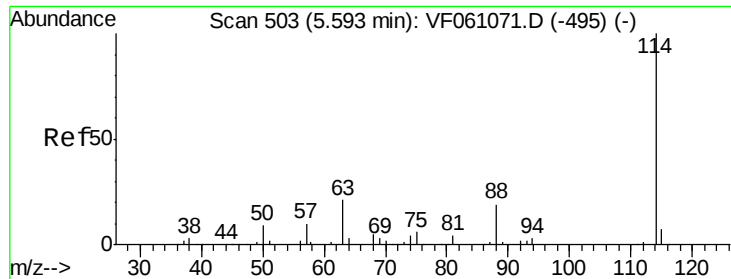
Tot Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
72 0.0 15.6 23.4#



#33
1,2-Dichloroethane-d4
Concen: 52.416 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 65 Resp: 144310
Ion Ratio Lower Upper
65 100
67 49.7 0.0 94.6

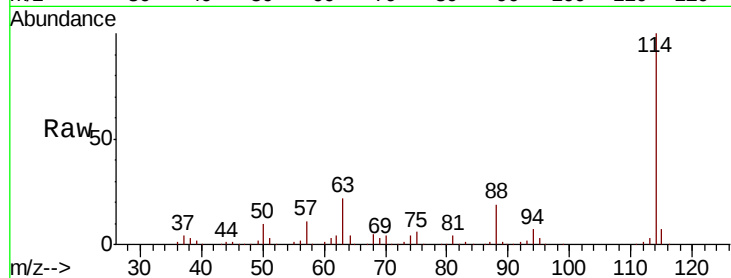




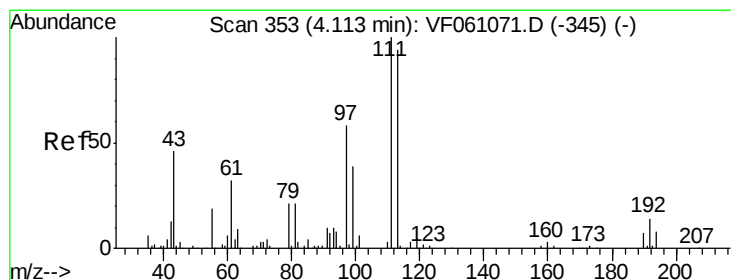
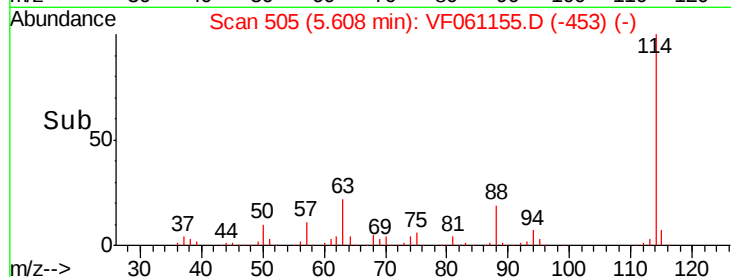
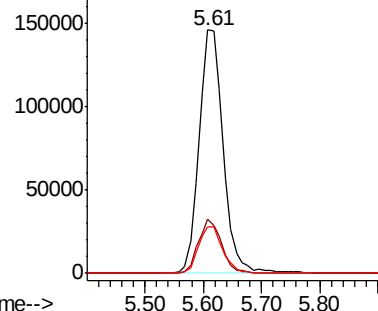
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:114 Resp: 420446
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.6
88 19.1 0.0 38.0

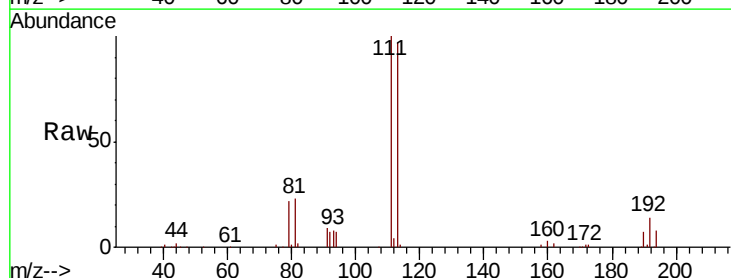


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

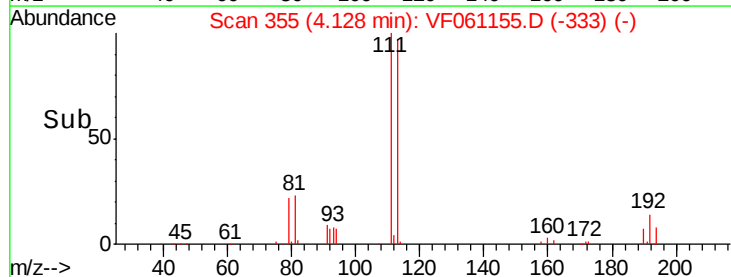
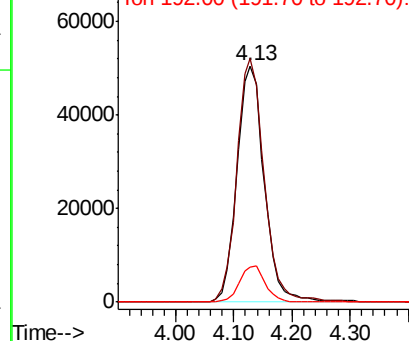


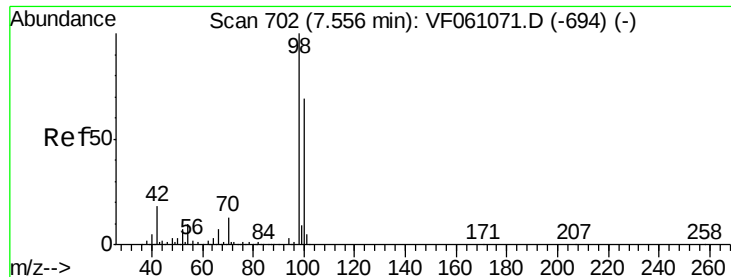
#35
Dibromofluoromethane
Concen: 48.953 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:113 Resp: 164875
Ion Ratio Lower Upper
113 100
111 103.2 85.2 127.8
192 14.6 12.8 19.2



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 35.141 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

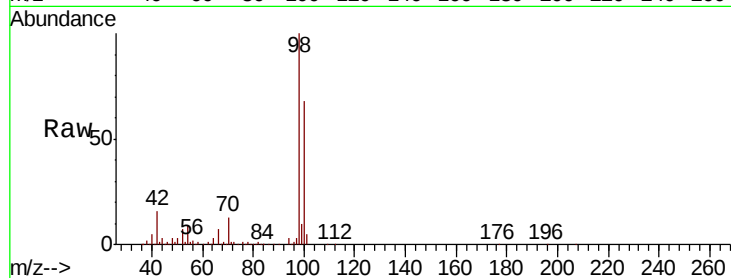
ClientSampleId :

Tot Ion: 98 Resp: 335402

Ion Ratio Lower Upper

98 100

100 68.3 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

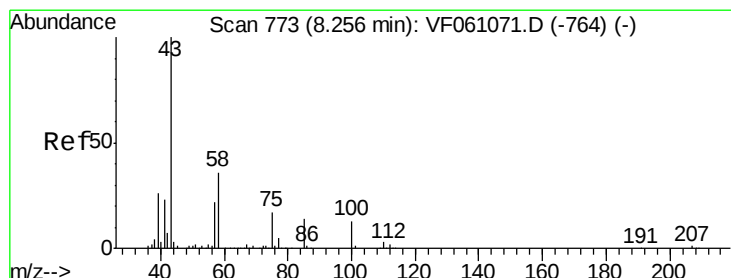
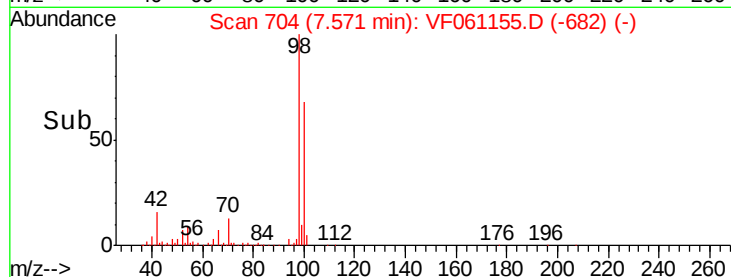
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 8.694 ug/l

RT: 8.29 min Scan# 777

Delta R.T. 0.03 min

Lab File: VF061155.D

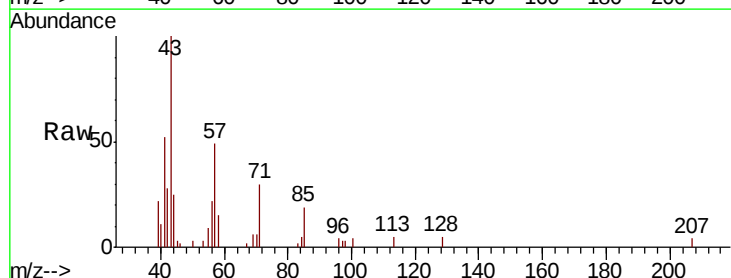
Acq: 22 Dec 2018 20:19

Tgt Ion: 43 Resp: 14611

Ion Ratio Lower Upper

43 100

58 15.1 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

6000

5000

4000

3000

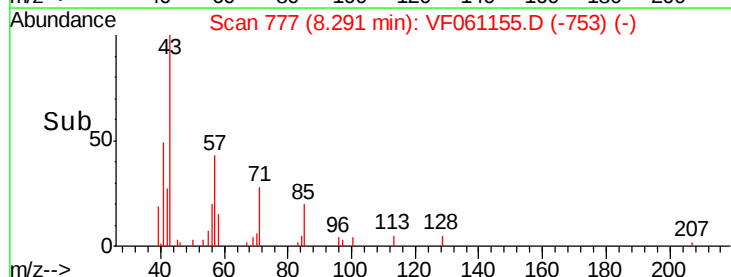
2000

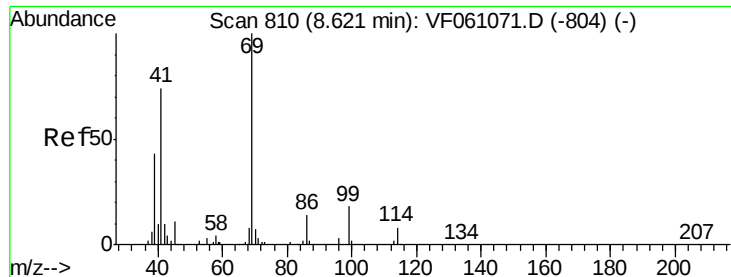
1000

0

8.20 8.30 8.40

Time-->

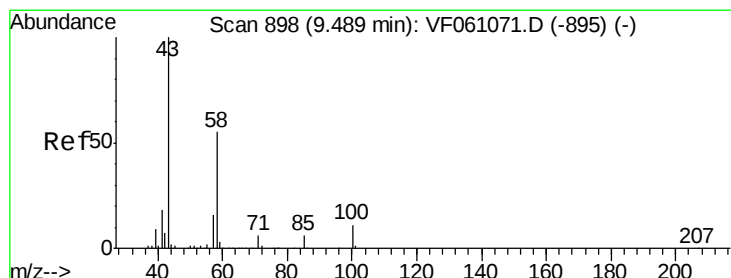
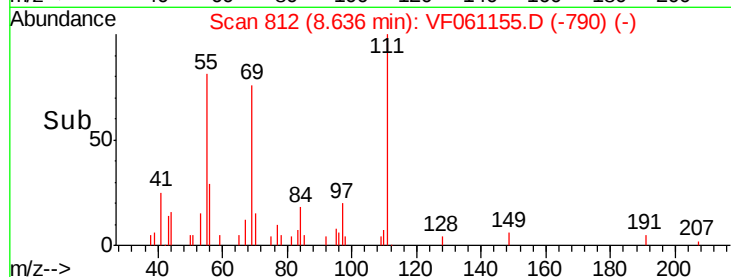
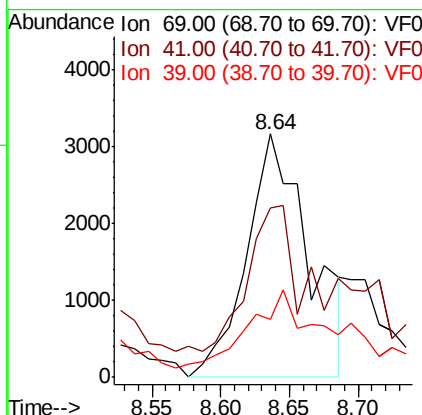
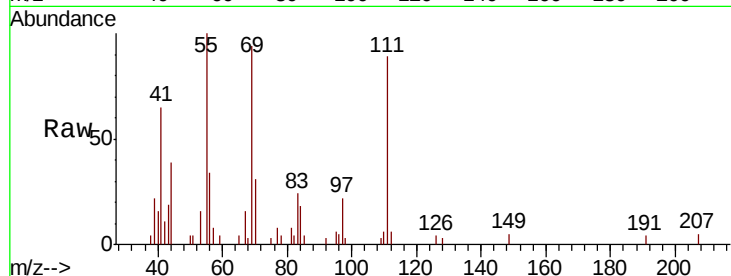




#56
Ethyl methacrylate
Concen: 4.257 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

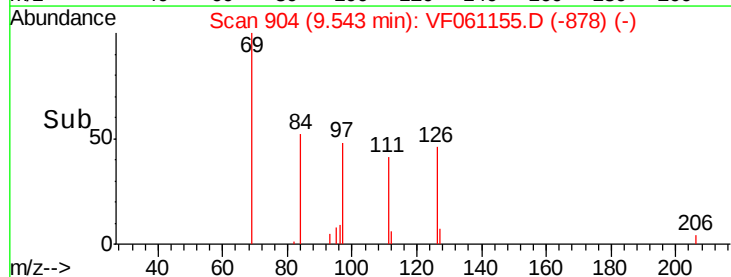
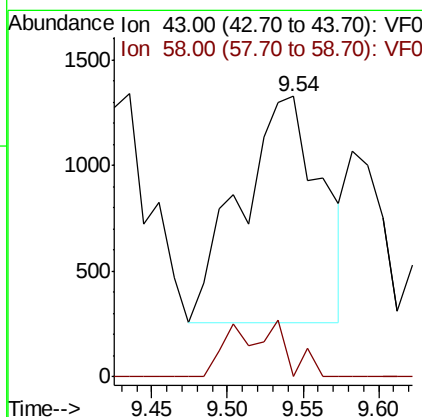
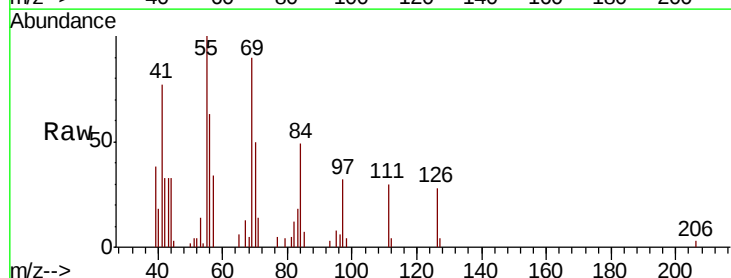
Instrument :
MSVOA_F
ClientSampleId :

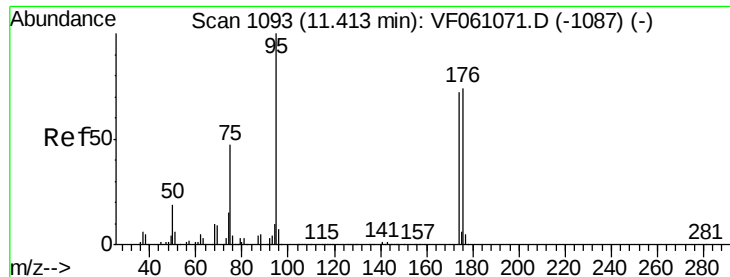
Tot Ion: 69 Resp: 9976
Ion Ratio Lower Upper
69 100
41 69.7 59.7 89.5
39 23.7 35.0 52.6#



#59
2-Hexanone
Concen: 3.266 ug/l
RT: 9.54 min Scan# 904
Delta R.T. 0.05 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion: 43 Resp: 3969
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 29.884 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

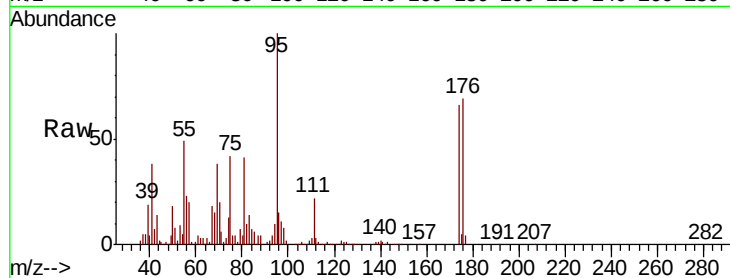
Tot Ion: 95 Resp: 131494

Ion Ratio Lower Upper

95 100

174 65.8 0.0 143.8

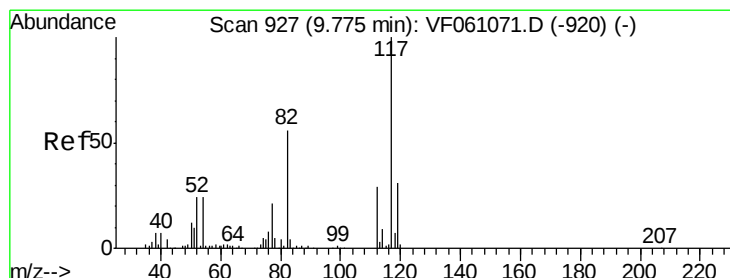
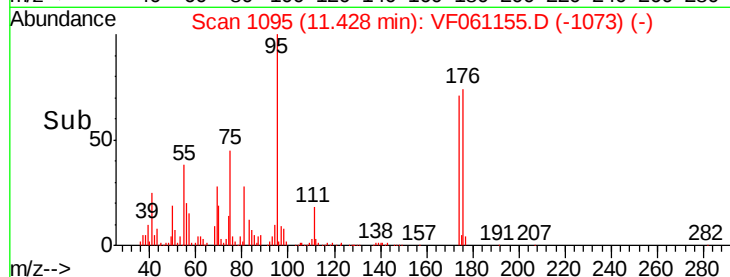
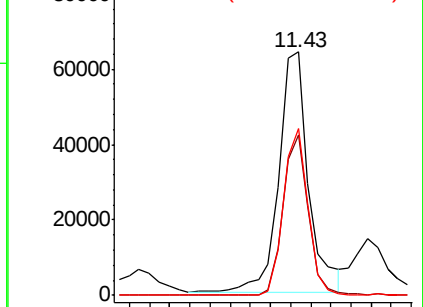
176 68.7 0.0 147.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.79 min Scan# 929

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

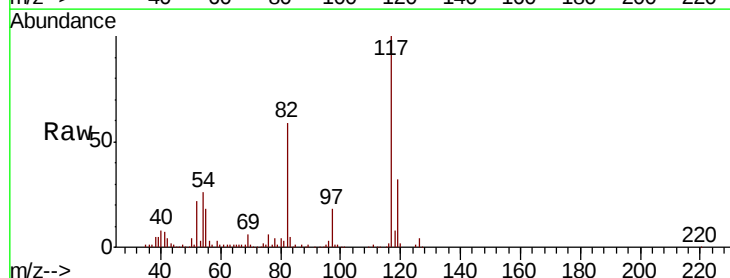
Tgt Ion: 117 Resp: 299603

Ion Ratio Lower Upper

117 100

82 59.1 45.0 67.4

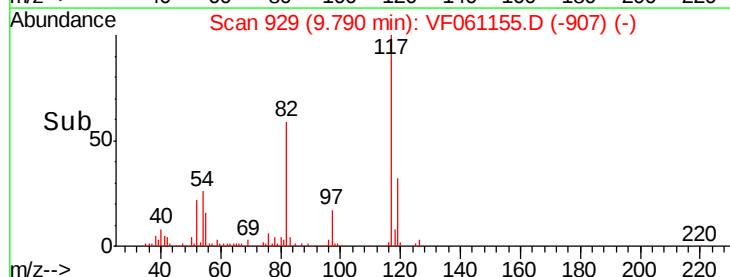
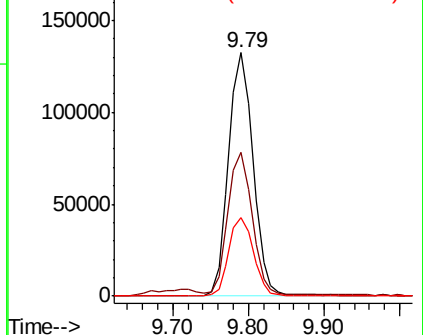
119 32.3 24.8 37.2

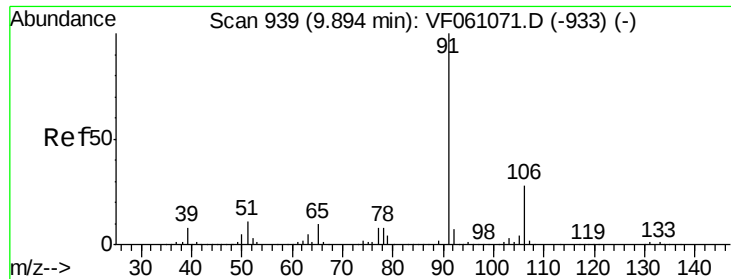


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

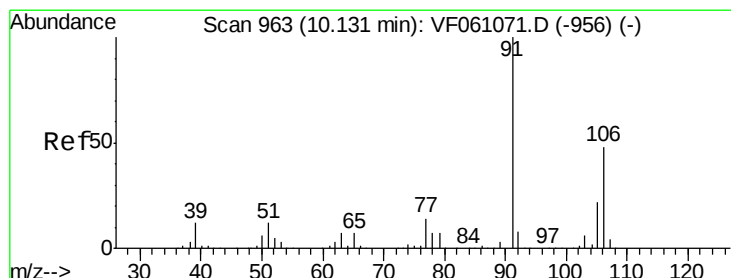
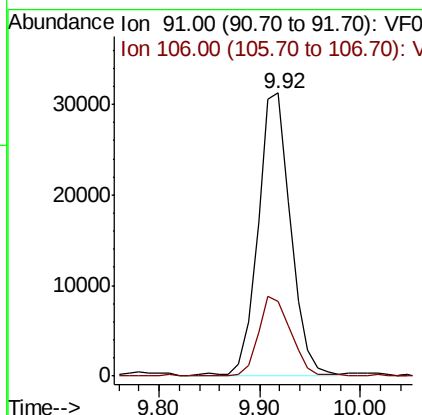
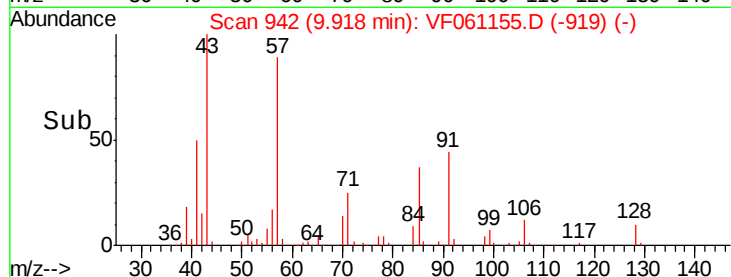
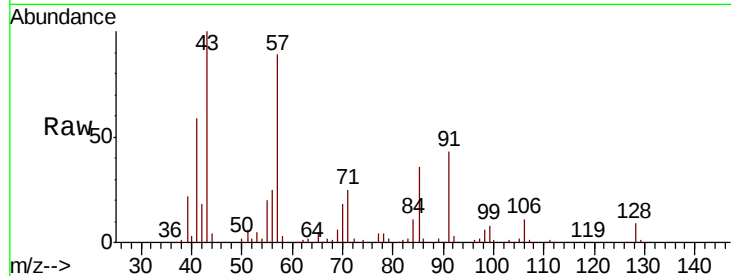




#67
Ethyl Benzene
Concen: 6.240 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.02 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

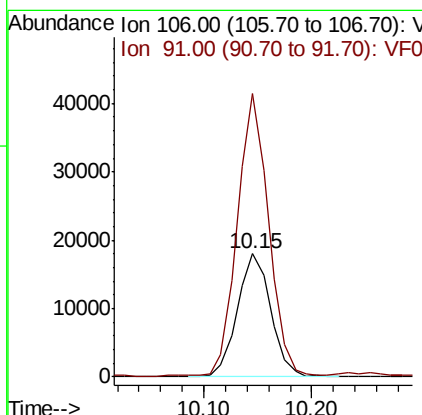
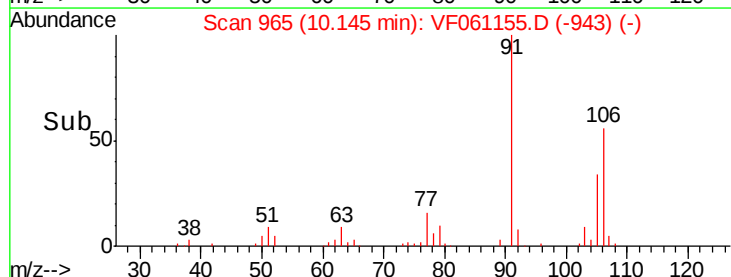
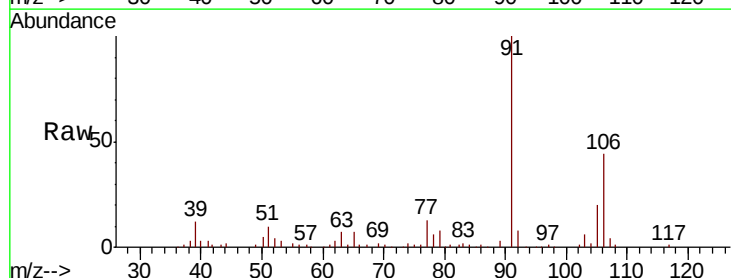
Instrument :
MSVOA_F
ClientSampleId :

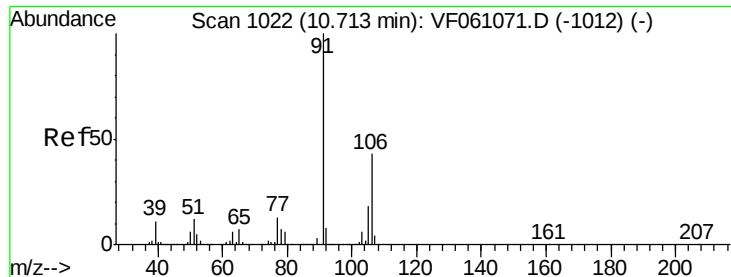
Tot Ion: 91 Resp: 70359
Ion Ratio Lower Upper
91 100
106 26.5 22.5 33.7



#68
m/p-Xylenes
Concen: 9.788 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:106 Resp: 38842
Ion Ratio Lower Upper
106 100
91 229.9 168.2 252.2

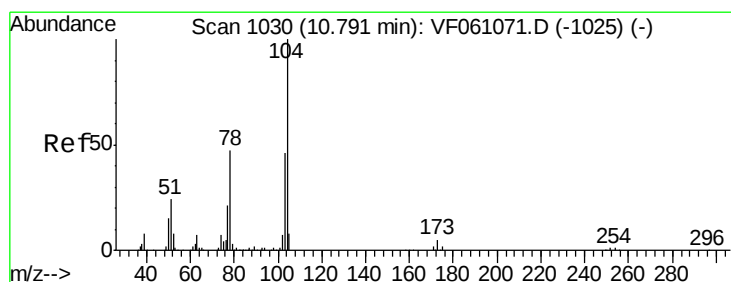
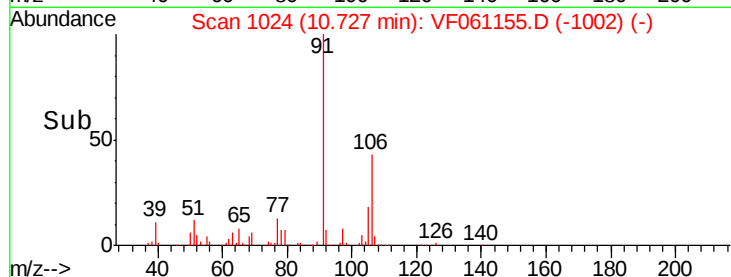
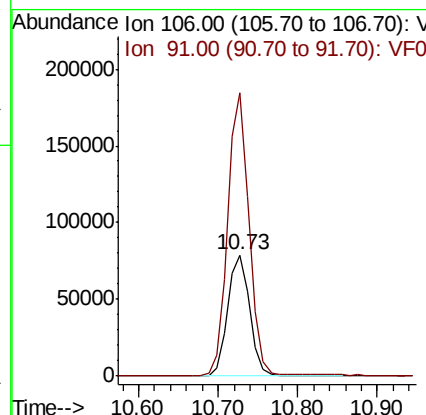
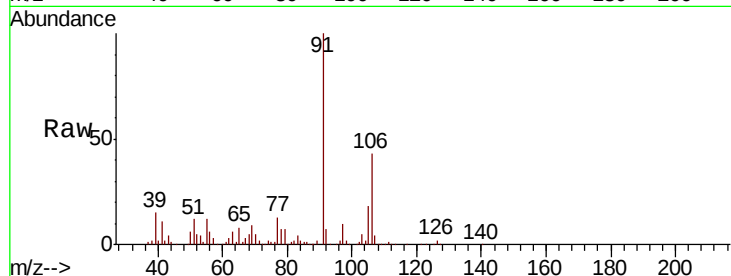




#69
o-Xylene
Concen: 35.167 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

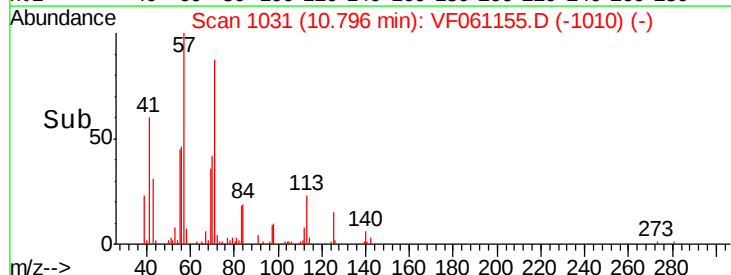
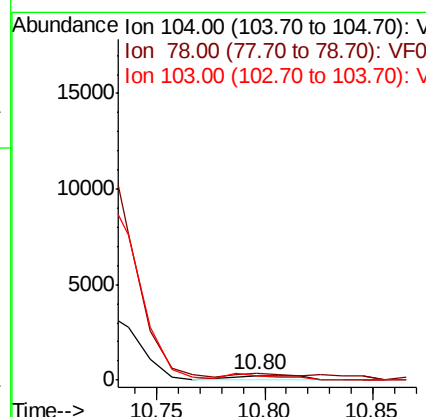
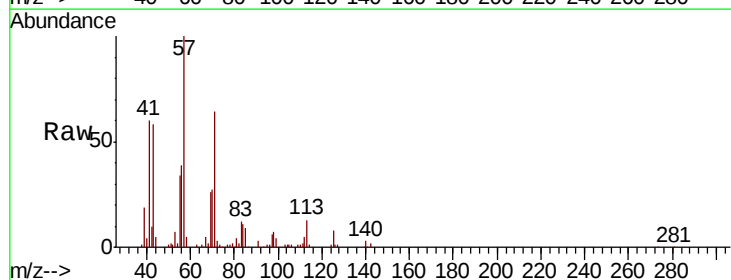
Instrument :
MSVOA_F
ClientSampleId :

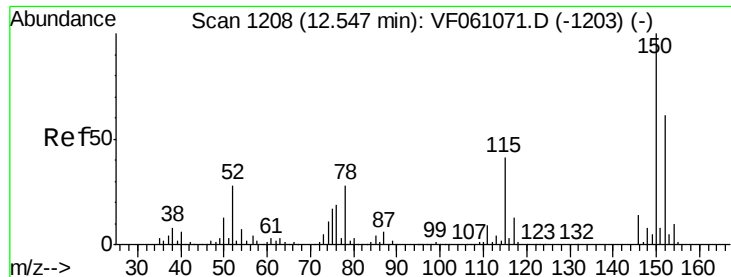
Tot Ion:106 Resp: 154774
Ion Ratio Lower Upper
106 100
91 233.3 115.9 347.7



#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:104 Resp: 542
Ion Ratio Lower Upper
104 100
78 151.8 38.4 57.6#
103 93.7 37.0 55.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

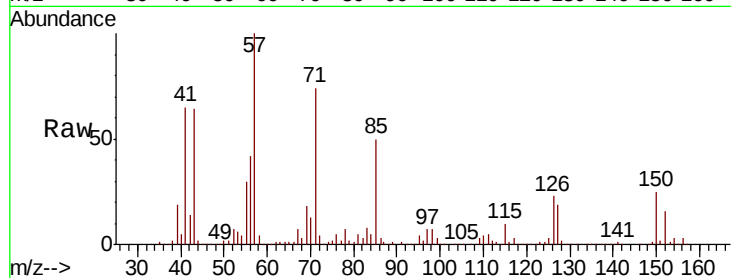
Tot Ion:152 Resp: 75783

Ion Ratio Lower Upper

152 100

115 62.5 33.3 99.9

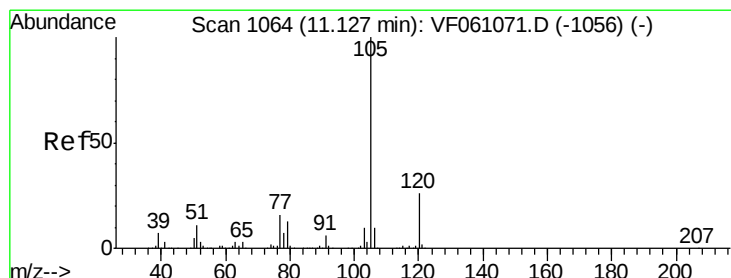
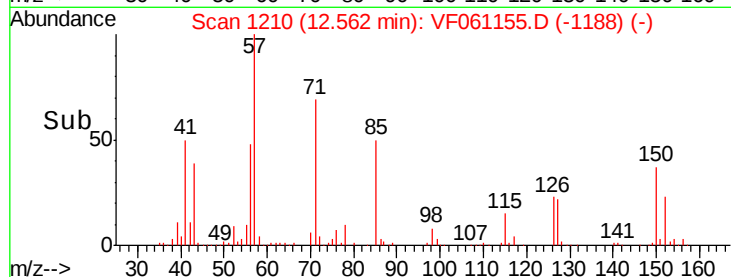
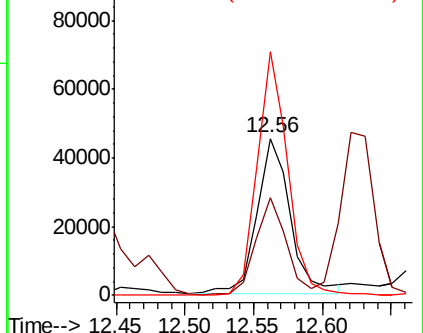
150 155.4 0.0 328.2



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#73

Isopropylbenzene

Concen: 13.439 ug/l

RT: 11.13 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VF061155.D

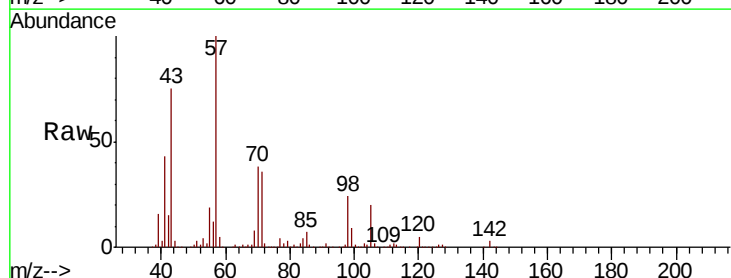
Acq: 22 Dec 2018 20:19

Tgt Ion:105 Resp: 87764

Ion Ratio Lower Upper

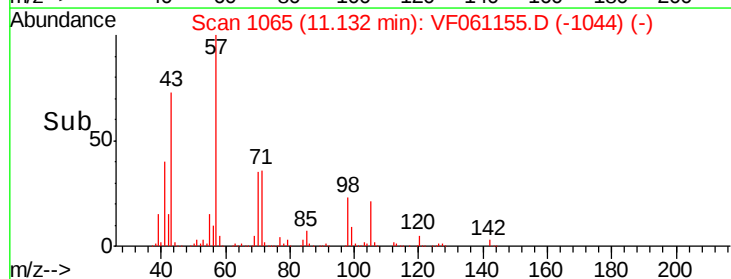
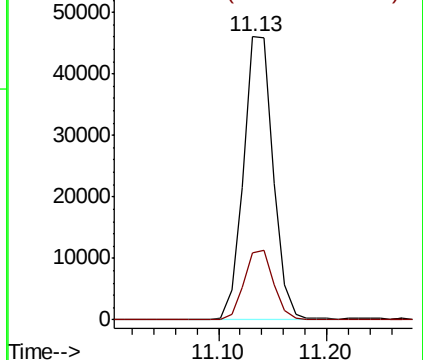
105 100

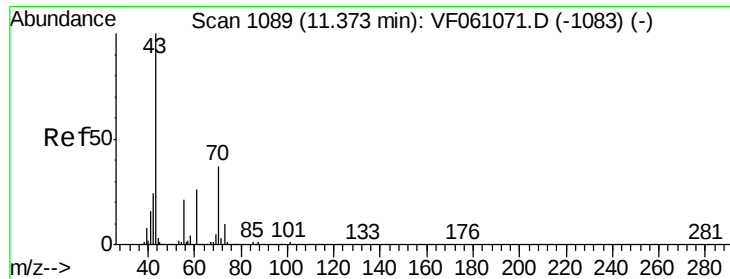
120 23.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 30.214 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.03 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 43 Resp: 43808

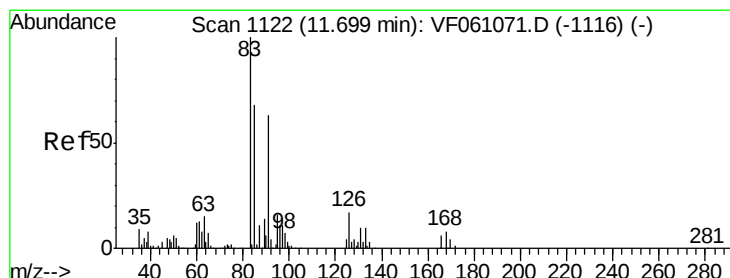
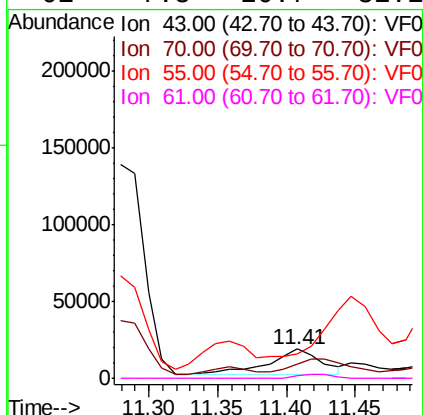
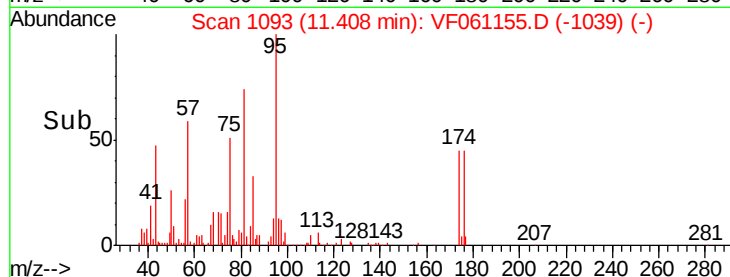
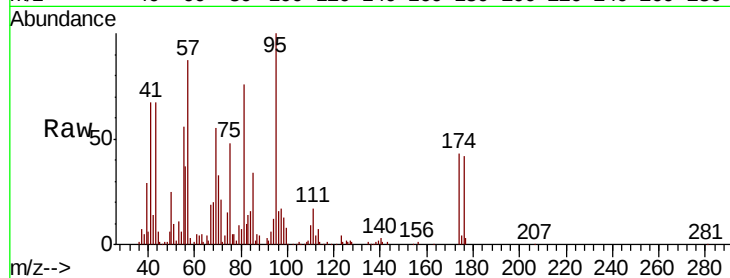
Ion Ratio Lower Upper

43 100

70 50.1 29.2 43.8#

55 84.6 16.5 24.7#

61 7.8 20.7 31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 35.678 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

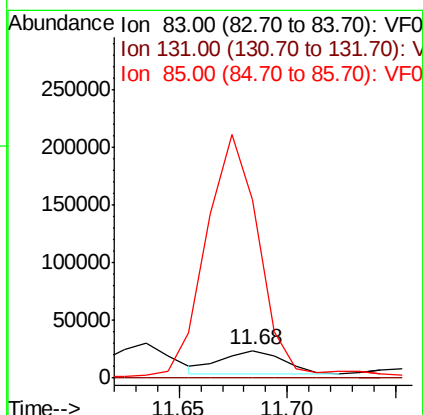
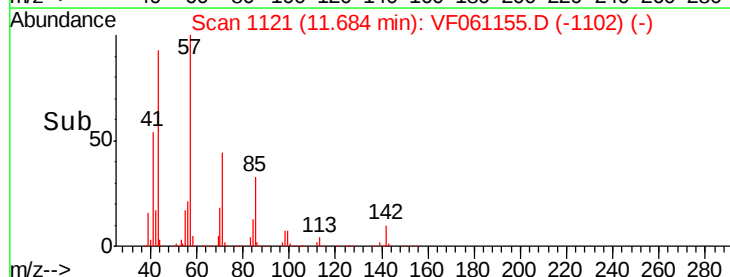
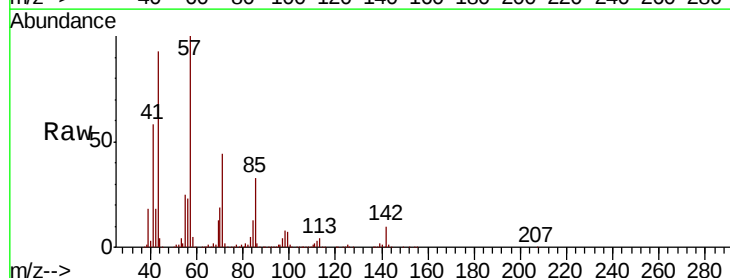
Tgt Ion: 83 Resp: 38670

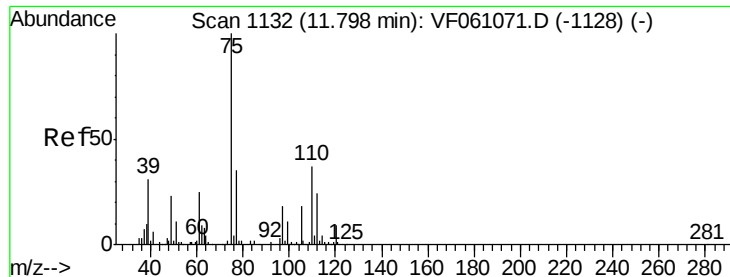
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 642.3 33.9 101.6#





#76

1,2,3-Trichloropropane

Concen: 20.279 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. 0.04 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

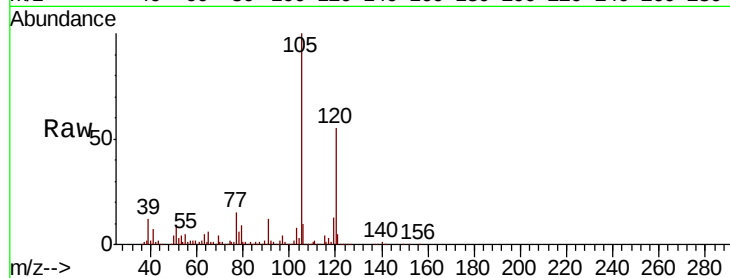
ClientSampleId :

Tot Ion: 75 Resp: 16357

Ion Ratio Lower Upper

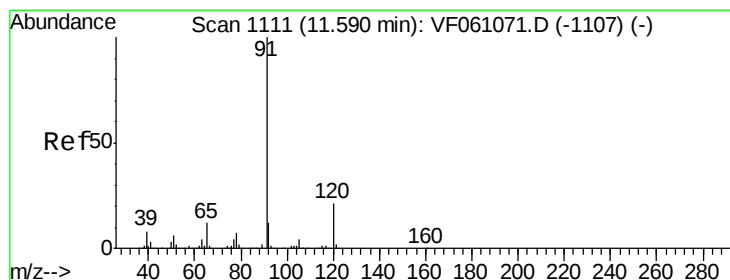
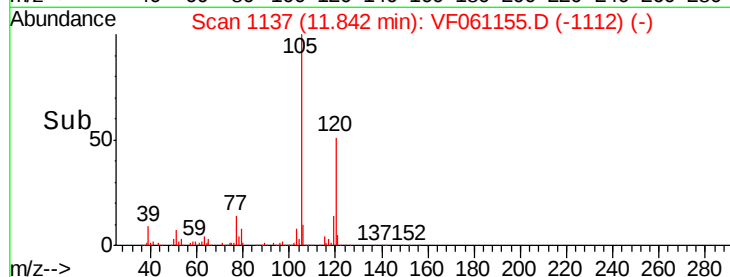
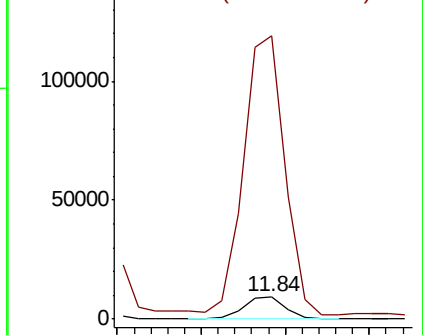
75 100

77 1272.2 17.6 52.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#78

n-propylbenzene

Concen: 82.921 ug/l

RT: 11.61 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF061155.D

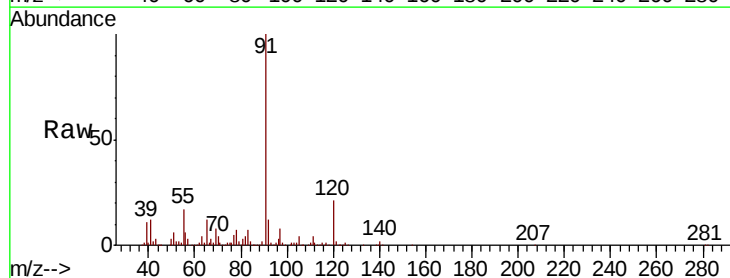
Acq: 22 Dec 2018 20:19

Tgt Ion: 91 Resp: 538705

Ion Ratio Lower Upper

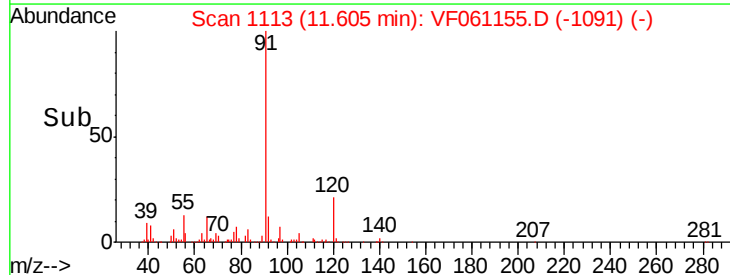
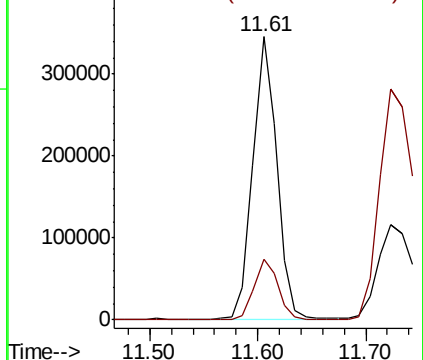
91 100

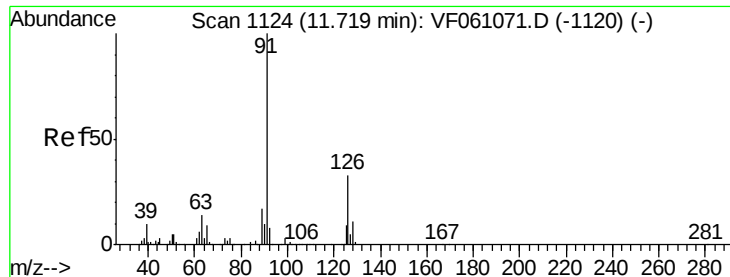
120 21.3 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

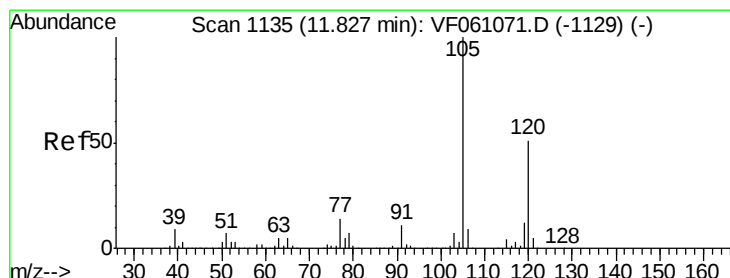
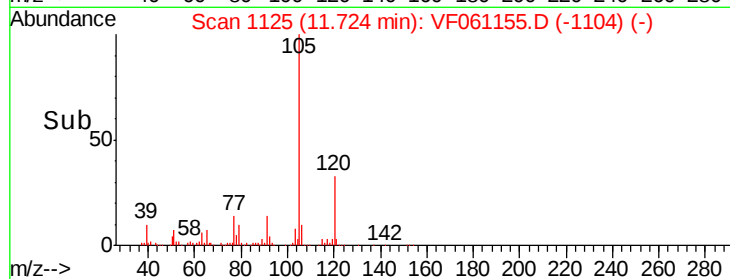
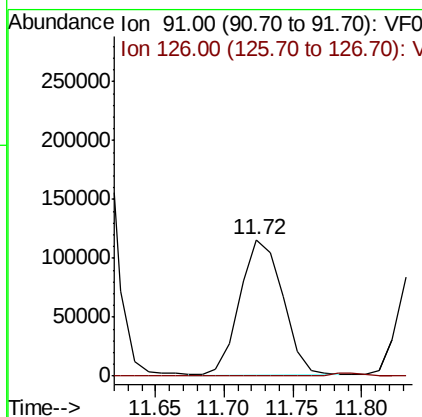
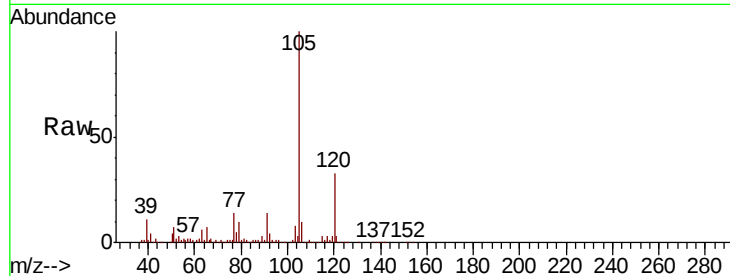




#79
 2-Chlorotoluene
 Concen: 56.053 ug/l
 RT: 11.72 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

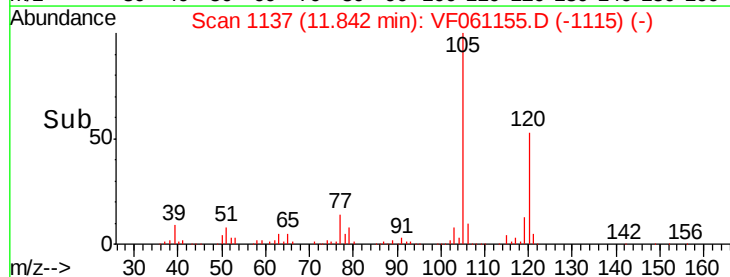
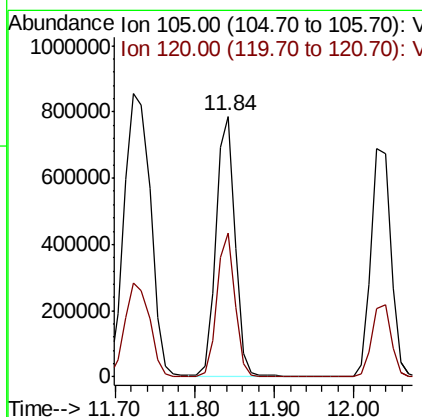
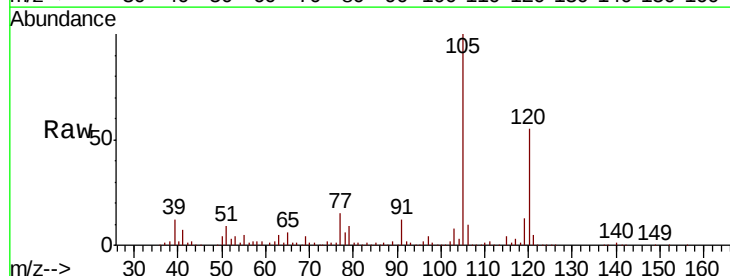
Instrument :
 MSVOA_F
 ClientSampleId :

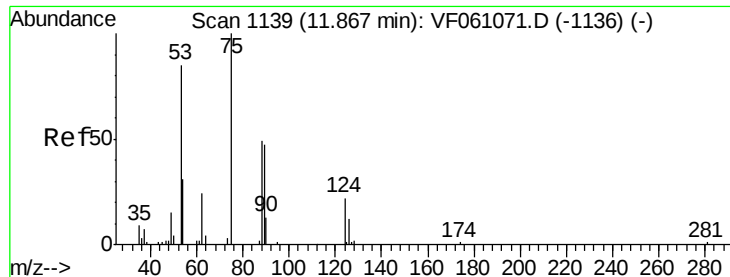
Tot Ion: 91 Resp: 251119
 Ion Ratio Lower Upper
 91 100
 126 0.2 16.4 49.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 248.301 ug/l
 RT: 11.84 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

Tgt Ion: 105 Resp: 1335233
 Ion Ratio Lower Upper
 105 100
 120 54.9 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.192 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. -0.02 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

ClientSampleId :

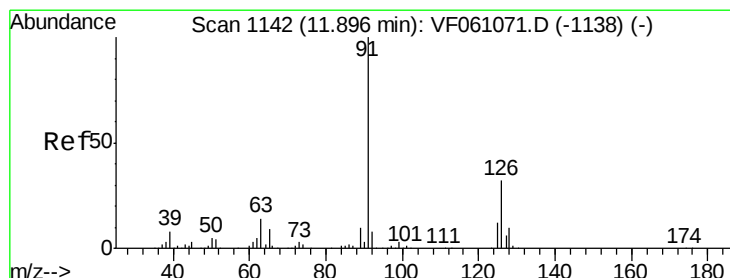
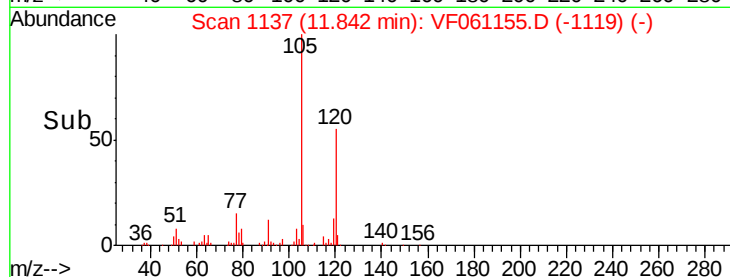
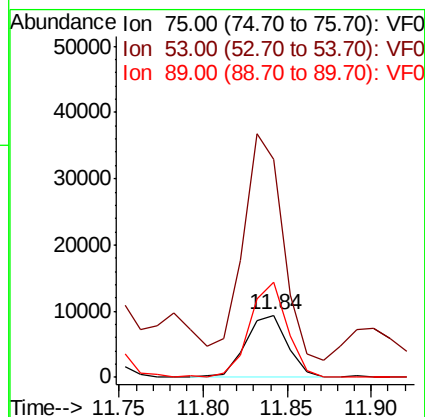
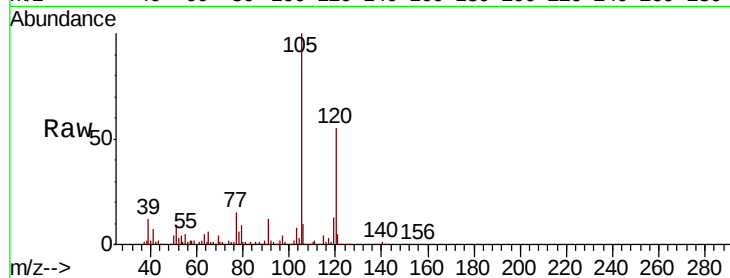
Tot Ion: 75 Resp: 16357

Ion Ratio Lower Upper

75 100

53 351.4 74.1 111.1#

89 153.8 42.6 64.0#



#82

4-Chlorotoluene

Concen: 32.386 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. -0.05 min

Lab File: VF061155.D

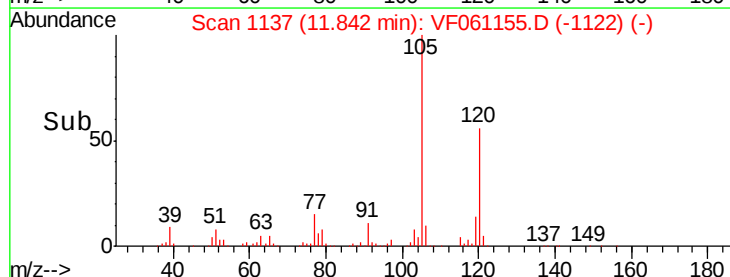
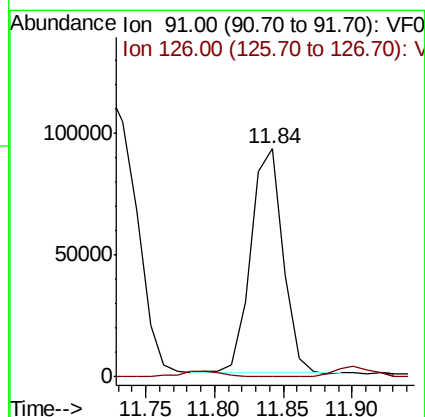
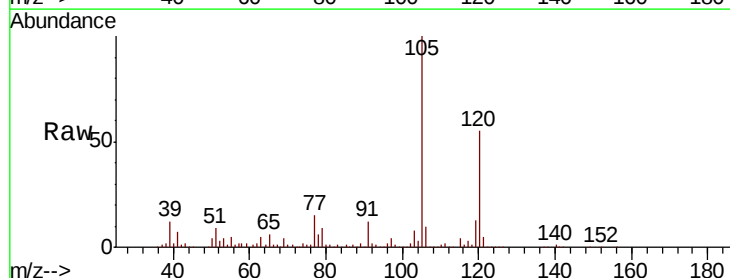
Acq: 22 Dec 2018 20:19

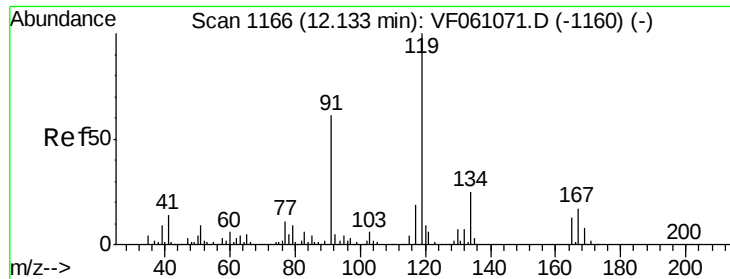
Tgt Ion: 91 Resp: 150093

Ion Ratio Lower Upper

91 100

126 0.2 16.0 47.9#

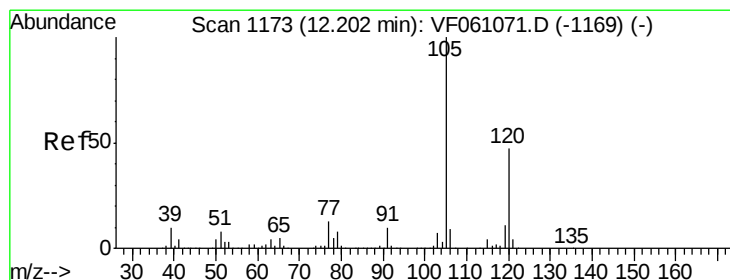
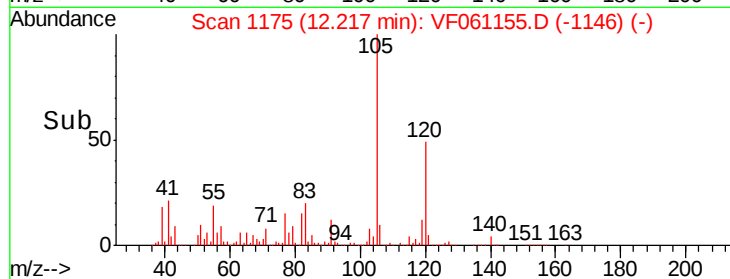
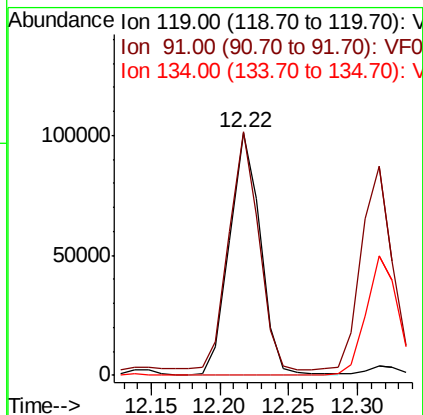
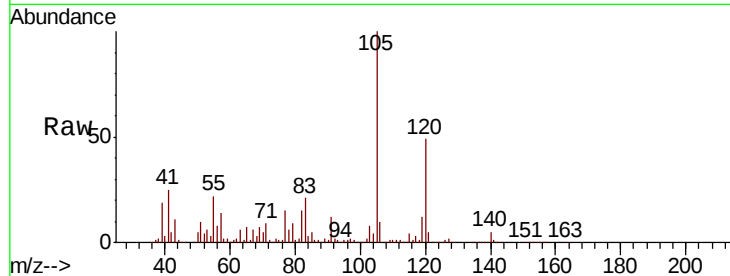




#83
tert-Butylbenzene
Concen: 28.903 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.08 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

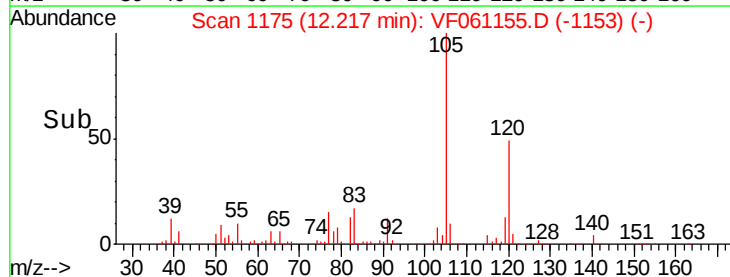
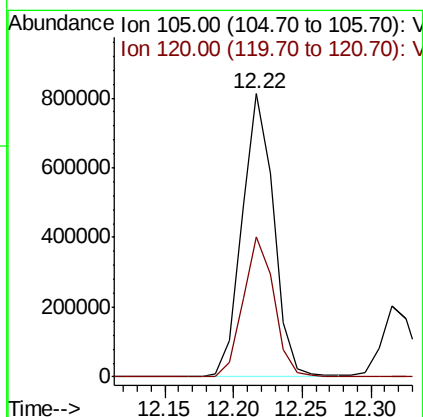
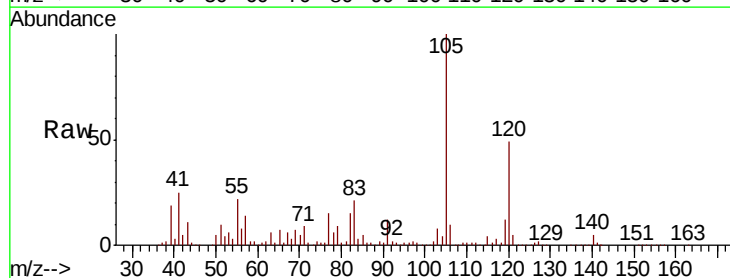
Instrument :
MSVOA_F
ClientSampled :

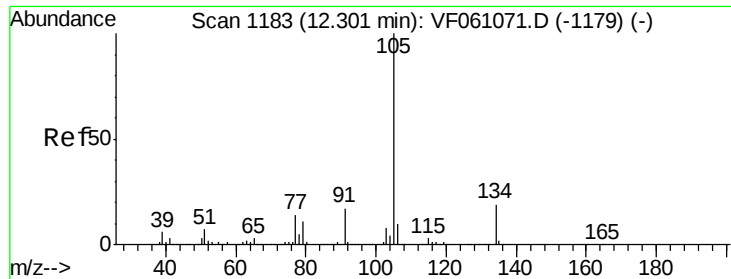
Tot Ion:119 Resp: 159938
Ion Ratio Lower Upper
119 100
91 100.2 30.5 91.5#
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 241.605 ug/l
RT: 12.22 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VF061155.D
Acq: 22 Dec 2018 20:19

Tgt Ion:105 Resp: 1295604
Ion Ratio Lower Upper
105 100
120 49.3 23.6 71.0

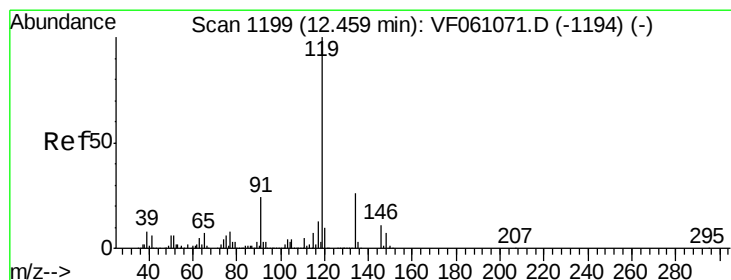
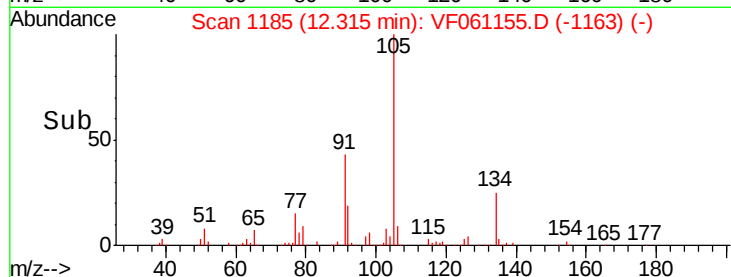
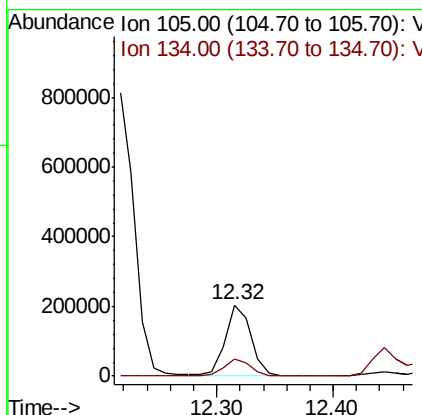
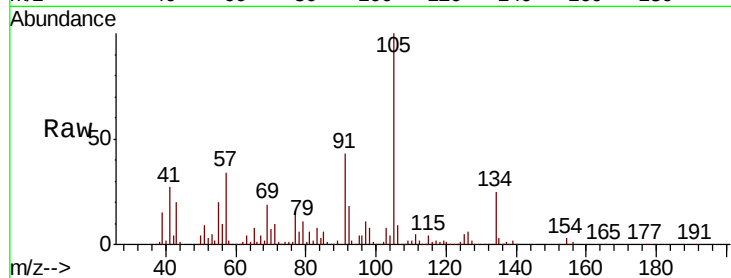




#85
 sec-Butylbenzene
 Concen: 42.640 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

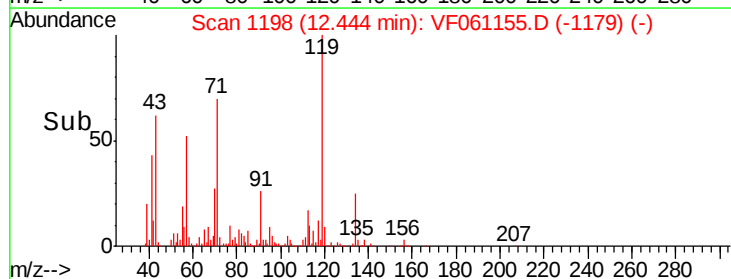
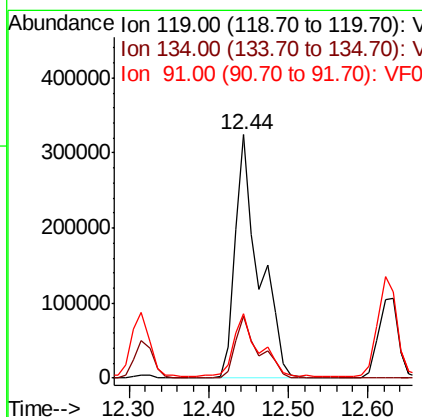
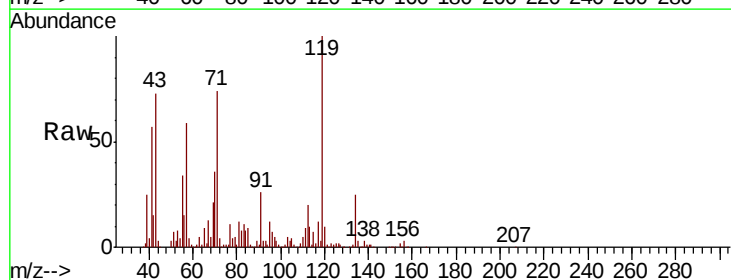
Instrument :
 MSVOA_F
 ClientSampled :

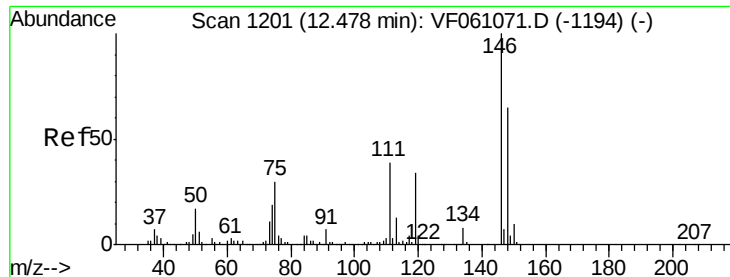
Tot Ion:105 Resp: 307919
 Ion Ratio Lower Upper
 105 100
 134 24.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 112.887 ug/l
 RT: 12.44 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

Tgt Ion:119 Resp: 676653
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 26.5 12.2 36.6

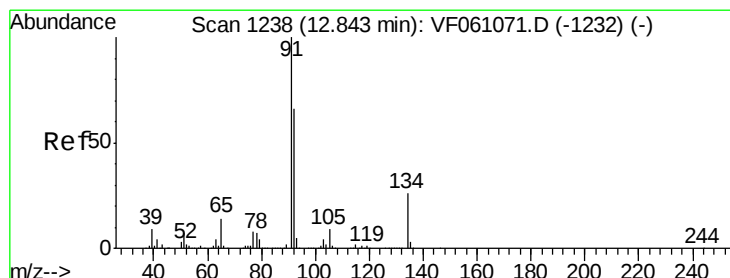
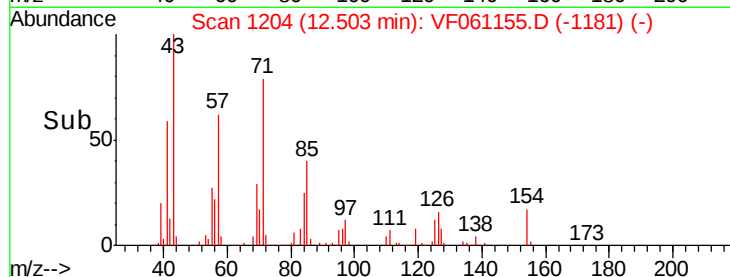
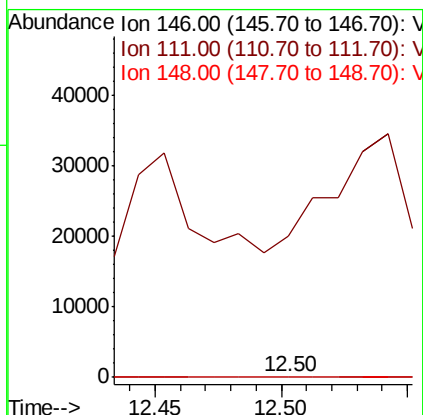
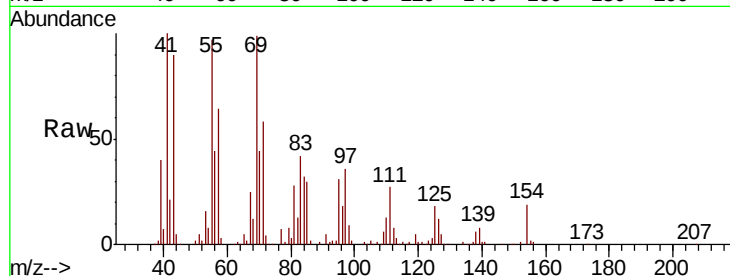




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.50 min Scan# 1204
 Delta R.T. 0.02 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

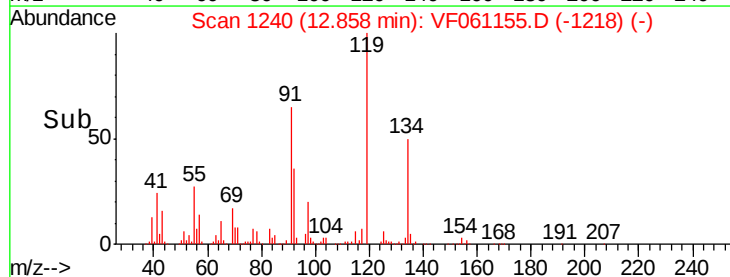
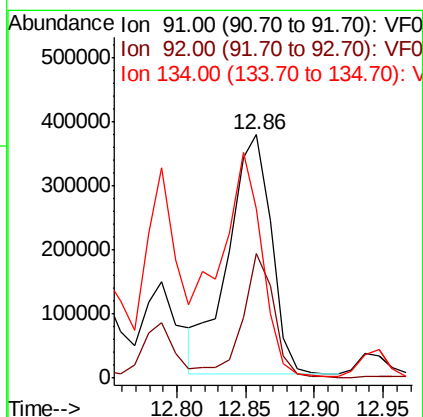
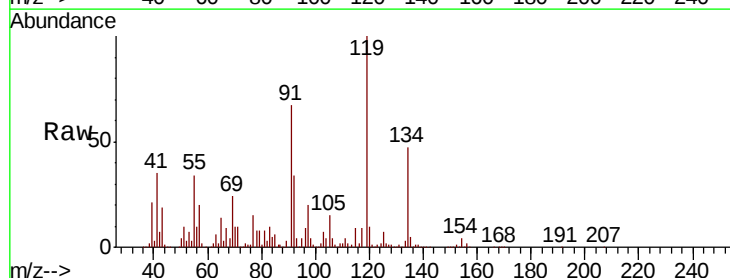
Instrument :
 MSVOA_F
 ClientSampleId :

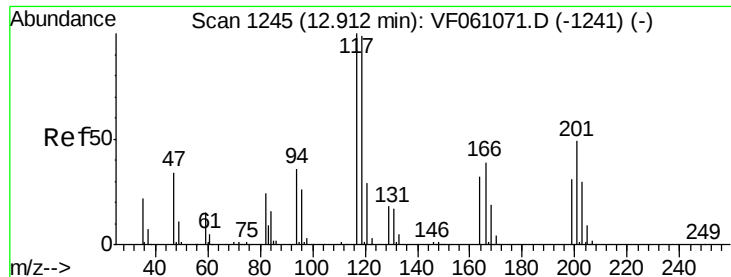
Tot Ion:146 Resp: 125
 Ion Ratio Lower Upper
 146 100
 111 18958.5 19.3 57.9#
 148 0.0 32.4 97.2#



#89
 n-Butylbenzene
 Concen: Below Cal
 RT: 12.86 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

Tgt Ion: 91 Resp: 814980
 Ion Ratio Lower Upper
 91 100
 92 51.0 32.8 98.4
 134 69.7 13.2 39.5#





#90

Hexachloroethane

Concen: 17.845 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. 0.03 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

Instrument :

MSVOA_F

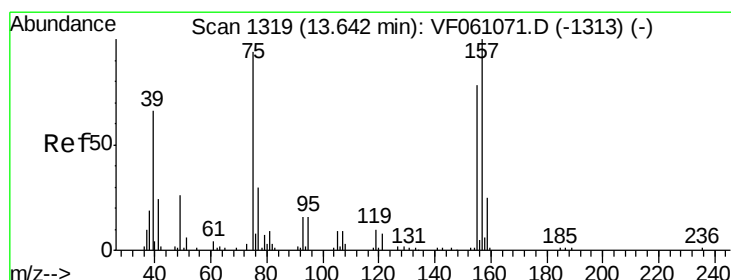
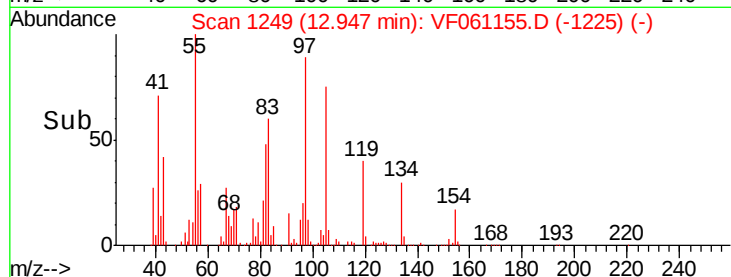
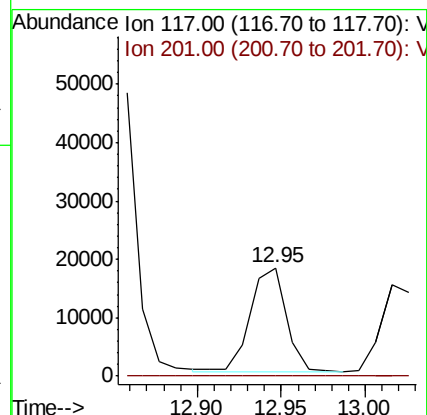
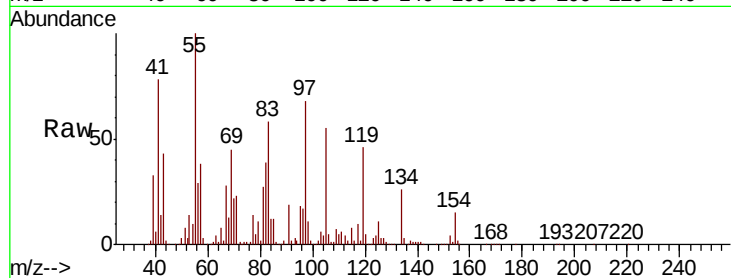
ClientSampleId :

Tot Ion:117 Resp: 26427

Ion Ratio Lower Upper

117 100

201 0.0 24.9 74.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.871 ug/l

RT: 13.63 min Scan# 1318

Delta R.T. -0.01 min

Lab File: VF061155.D

Acq: 22 Dec 2018 20:19

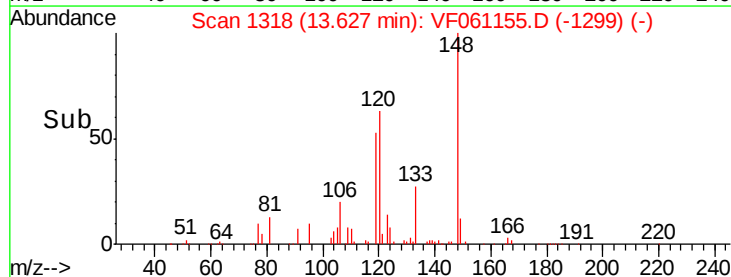
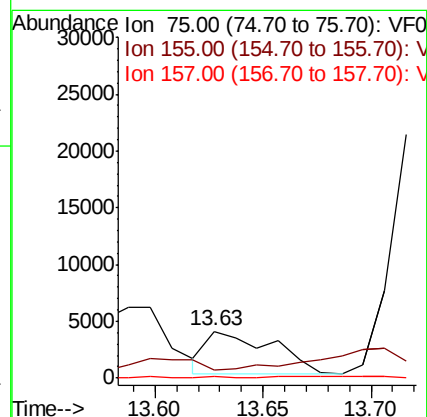
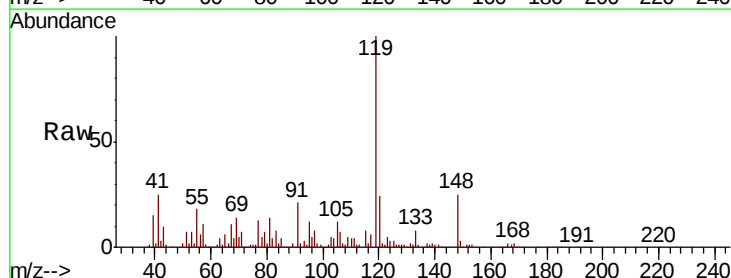
Tgt Ion: 75 Resp: 7930

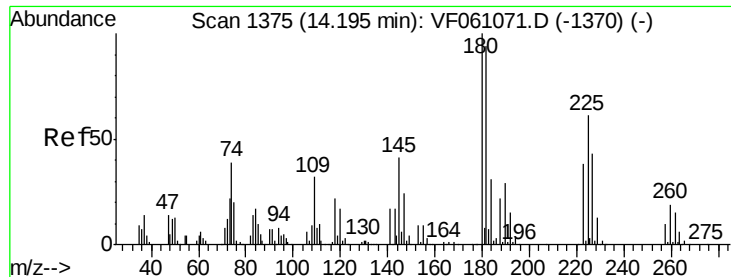
Ion Ratio Lower Upper

75 100

155 18.4 41.5 124.5#

157 2.8 53.2 159.6#

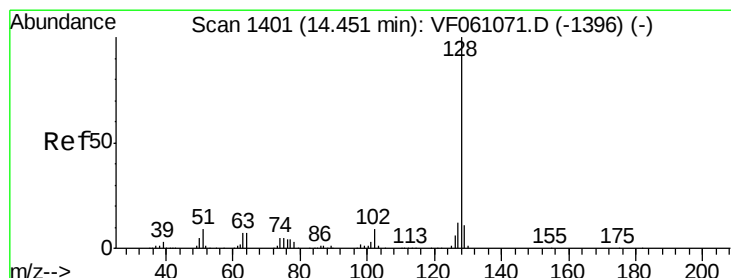
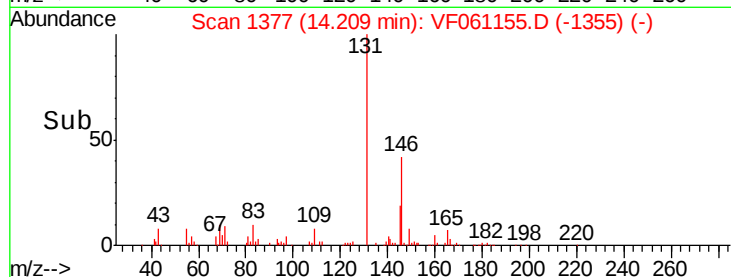
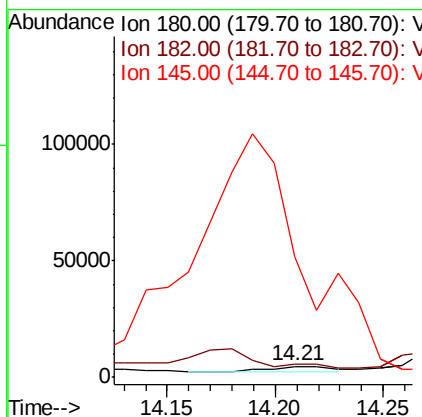
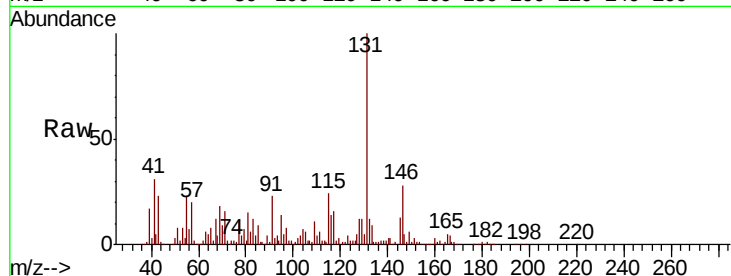




#93
 1,2,4-Trichlorobenzene
 Concen: 2.843 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

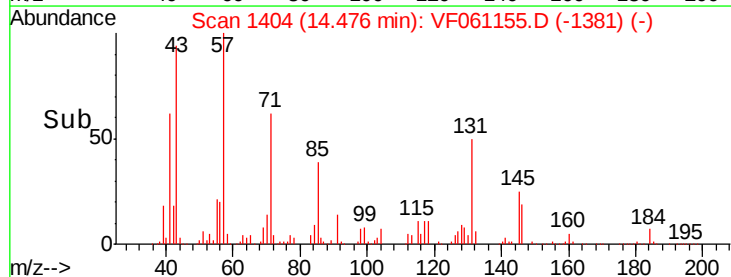
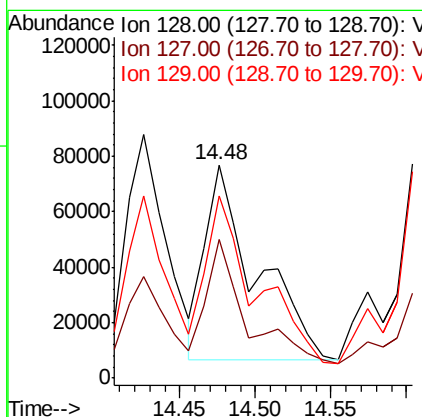
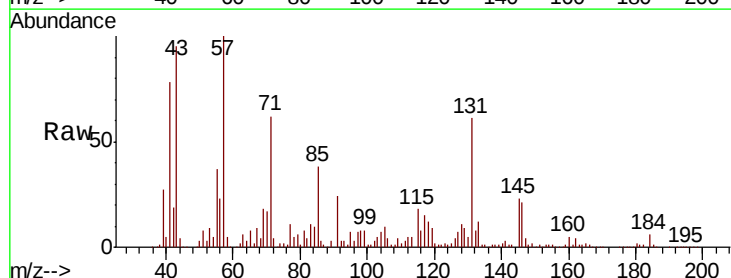
Instrument :
 MSVOA_F
 ClientSampled :

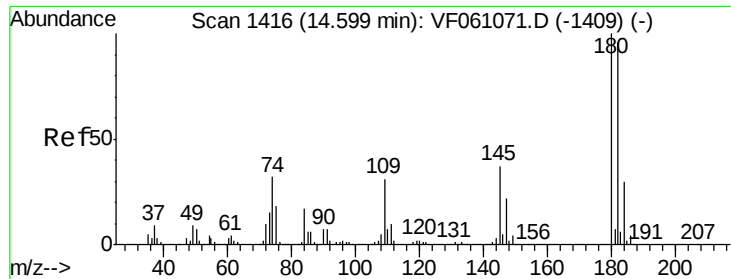
Tot Ion:180 Resp: 5068
 Ion Ratio Lower Upper
 180 100
 182 112.1 46.9 140.6
 145 1073.4 20.5 61.6#



#95
 Naphthalene
 Concen: 50.918 ug/l
 RT: 14.48 min Scan# 1404
 Delta R.T. 0.02 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

Tgt Ion:128 Resp: 165723
 Ion Ratio Lower Upper
 128 100
 127 64.9 9.4 14.2#
 129 85.6 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 26.760 ug/l
 RT: 14.56 min Scan# 1413
 Delta R.T. -0.03 min
 Lab File: VF061155.D
 Acq: 22 Dec 2018 20:19

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:180 Resp: 44093
 Ion Ratio Lower Upper
 180 100
 182 26.9 47.9 143.8#
 145 428.1 18.6 55.8#

