

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062669.D
 Acq On : 20 May 2019 19:13
 Operator : FY/SY
 Sample : K2896-02
 Misc : 3.34g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-18-S2

Quant Time: May 21 02:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	651222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1026105	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	513944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	124759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	157070	34.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.26%	
35) Dibromofluoromethane	4.32	113	298164	37.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.94%	
50) Toluene-d8	7.72	98	555336	29.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.24%	
62) 4-Bromofluorobenzene	11.50	95	113620	15.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.96%	

Target Compounds

						Qvalue
8) Diethyl Ether	1.72	74	4268	2.136	ug/l	92
11) Tert butyl alcohol	2.69	59	878	2.890	ug/l #	16
13) Acrolein	2.13	56	817	2.576	ug/l #	1
15) Acrylonitrile	3.10	53	4317	5.037	ug/l #	76
16) Acetone	2.35	43	50925	42.655	ug/l	92
18) Methyl Acetate	2.47	43	16056	8.558	ug/l	94
20) Methylene Chloride	2.35	84	16993	2.840	ug/l	87
29) Tetrahydrofuran	4.27	42	1712	1.659	ug/l #	30
39) Methylcyclohexane	5.65	83	19480	1.540	ug/l #	92
49) 1,4-Dioxane	6.87	88	431	11.576	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	29249	7.694	ug/l #	61
52) Toluene	7.79	92	16755	1.115	ug/l	97
56) Ethyl methacrylate	8.84	69	7895	1.490	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.46	63	5914	3.429	ug/l #	87
59) 2-Hexanone	9.64	43	7094	Below Cal		72
68) m/p-Xylenes	10.27	106	7601	1.153	ug/l	83
69) o-Xylene	10.83	106	10805	1.592	ug/l	94
73) Isopropylbenzene	11.22	105	31166	3.485	ug/l	94
74) N-amyl acetate	11.47	43	6989	Below Cal	#	1
75) 1,1,2,2-Tetrachloroethane	11.76	83	33646	18.412	ug/l #	33
76) 1,2,3-Trichloropropane	11.87	75	2298	1.914	ug/l #	1
78) n-propylbenzene	11.68	91	23567	2.227	ug/l	90
79) 2-Chlorotoluene	11.80	91	7766	1.302	ug/l #	68
80) 1,3,5-Trimethylbenzene	11.90	105	17635	2.460	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.96	75	1289	2.415	ug/l #	6
83) tert-Butylbenzene	12.20	119	17578	2.416	ug/l	88
84) 1,2,4-Trimethylbenzene	12.28	105	35475	5.112	ug/l	85
85) sec-Butylbenzene	12.38	105	53226	5.452	ug/l	92
86) p-Isopropyltoluene	12.52	119	19312	2.347	ug/l #	88
89) n-Butylbenzene	12.91	91	19625	2.419	ug/l	76
90) Hexachloroethane	12.99	117	8543	4.329	ug/l #	41
92) 1,2-Dibromo-3-Chloropropan	13.70	75	1576	7.229	ug/l #	6
95) Naphthalene	14.50	128	39498	8.474	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.64	180	8934	3.676	ug/l #	20

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

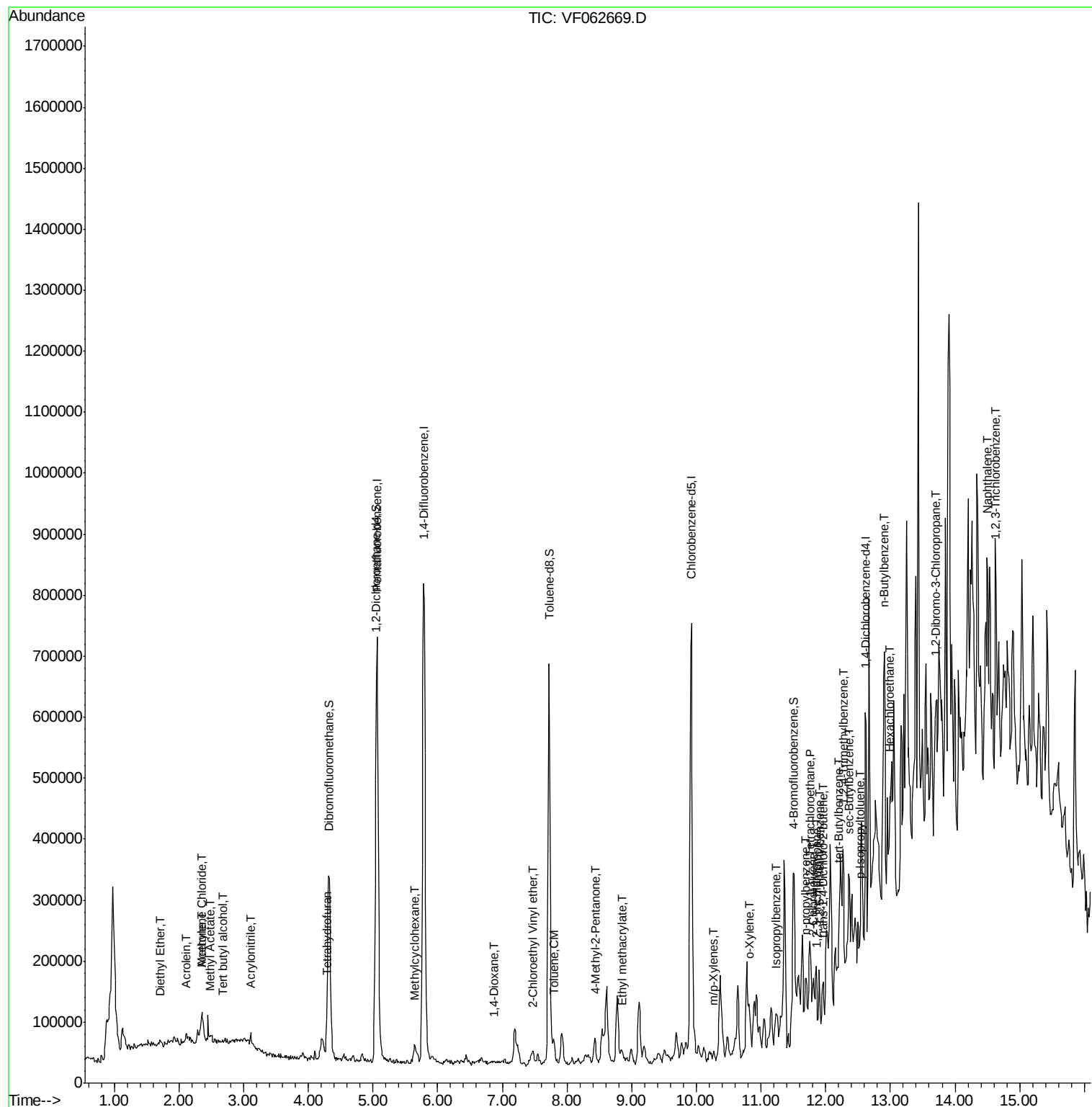
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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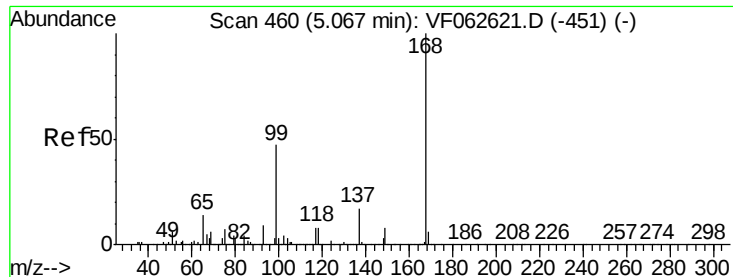
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

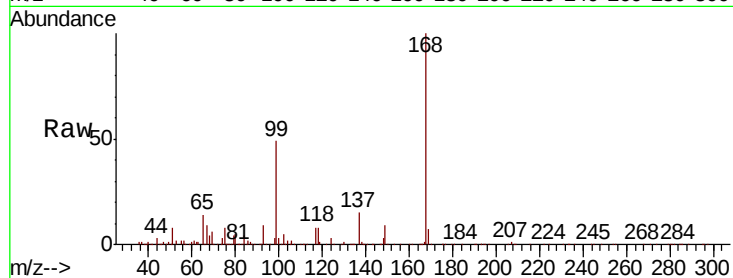
TP-18-S2

Tot Ion:168 Resp: 651222

Ion Ratio Lower Upper

168 100

99 49.1 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

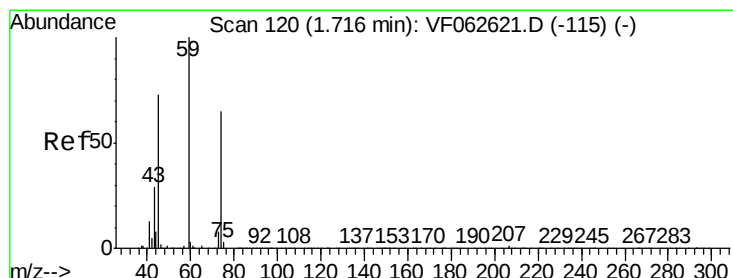
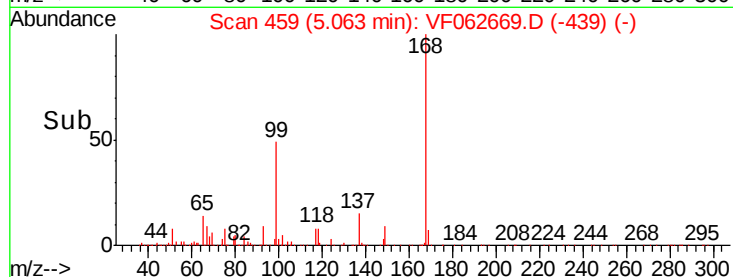
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.136 ug/l

RT: 1.72 min Scan# 120

Delta R.T. 0.01 min

Lab File: VF062669.D

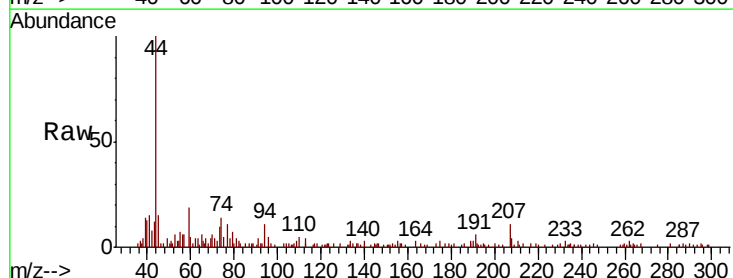
Acq: 20 May 2019 19:13

Tgt Ion: 74 Resp: 4268

Ion Ratio Lower Upper

74 100

45 105.8 57.0 170.8



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.72

2500

2000

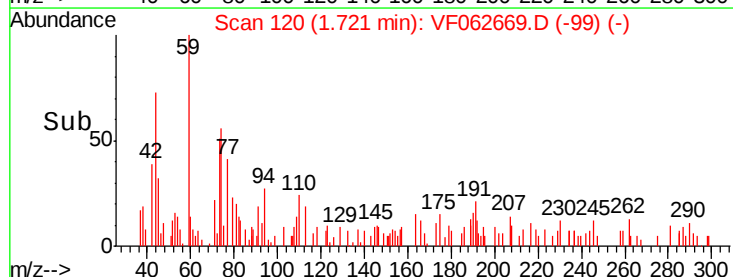
1500

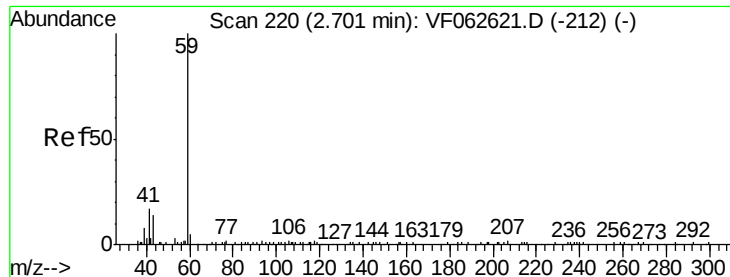
1000

500

0

Time-->



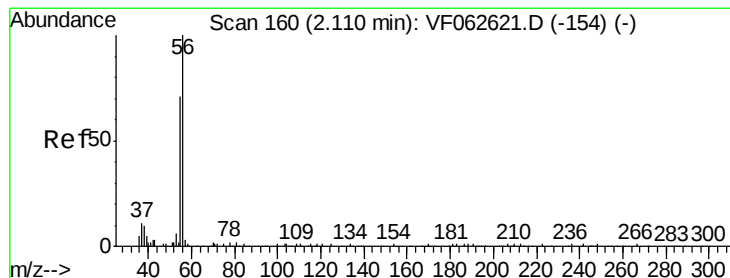
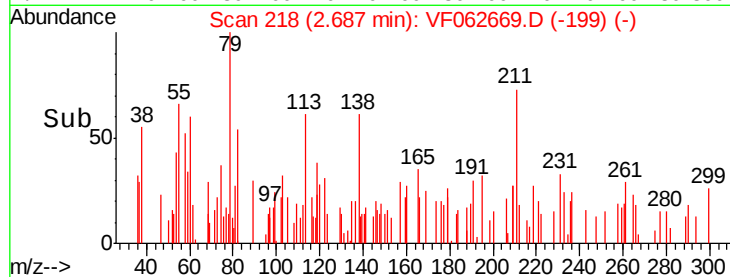
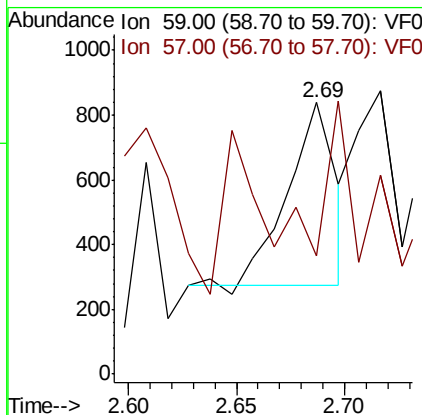
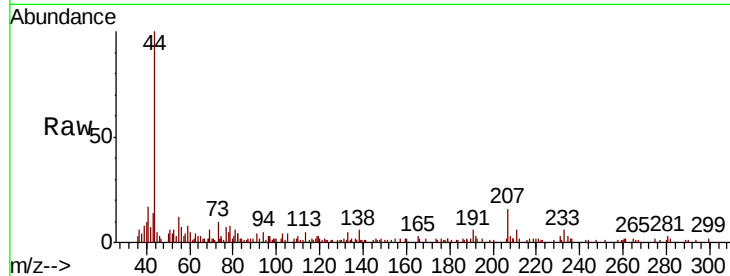


#11

Tert butyl alcohol
 Concen: 2.890 ug/l
 RT: 2.69 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VF062669.D
 Acq: 20 May 2019 19:13

Instrument :
 MSVOA_F
 ClientSampled :
 TP-18-S2

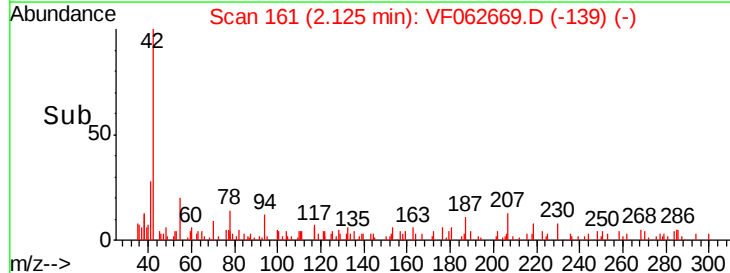
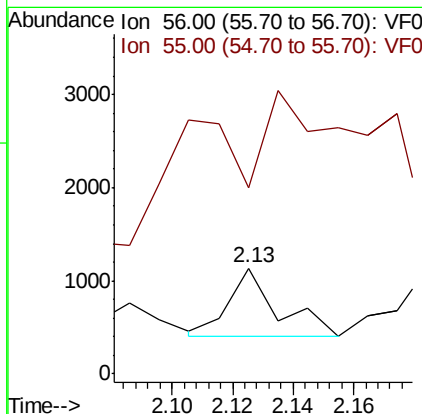
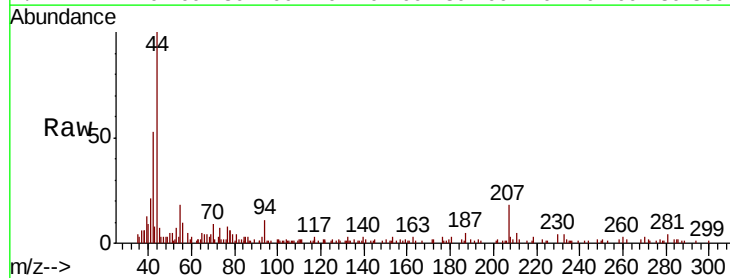
Tot Ion: 59 Resp: 878
 Ion Ratio Lower Upper
 59 100
 57 43.7 9.3 13.9#

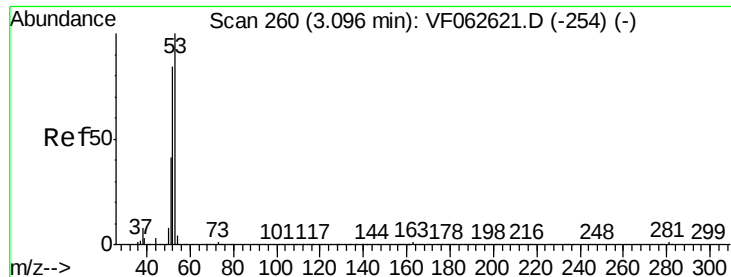


#13

Acrolein
 Concen: 2.576 ug/l
 RT: 2.13 min Scan# 161
 Delta R.T. 0.02 min
 Lab File: VF062669.D
 Acq: 20 May 2019 19:13

Tgt Ion: 56 Resp: 817
 Ion Ratio Lower Upper
 56 100
 55 176.5 59.4 89.0#





#15

Acrylonitrile

Concen: 5.037 ug/l

RT: 3.10 min Scan# 260

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-18-S2

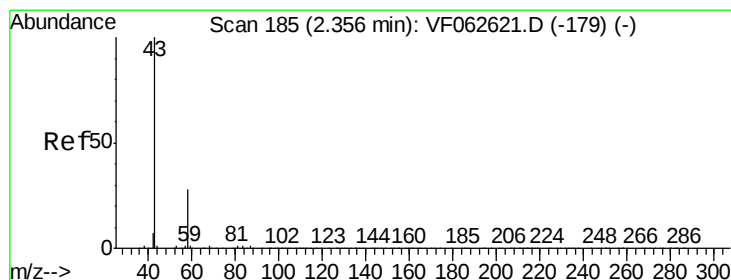
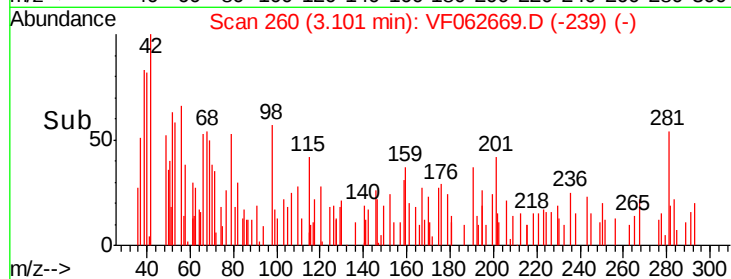
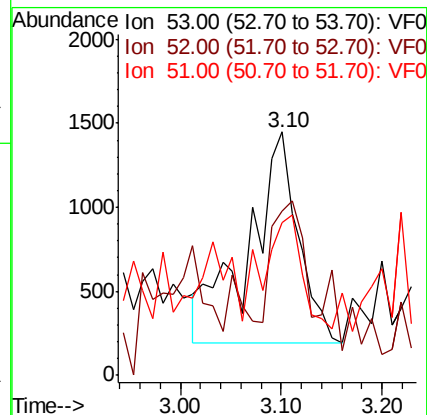
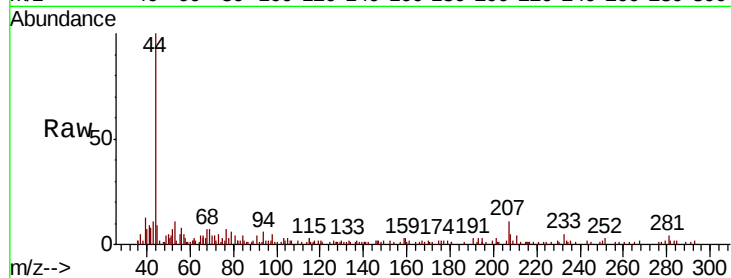
Tot Ion: 53 Resp: 4317

Ion Ratio Lower Upper

53 100

52 67.4 67.3 100.9

51 62.6 33.0 49.6#



#16

Acetone

Concen: 42.655 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.00 min

Lab File: VF062669.D

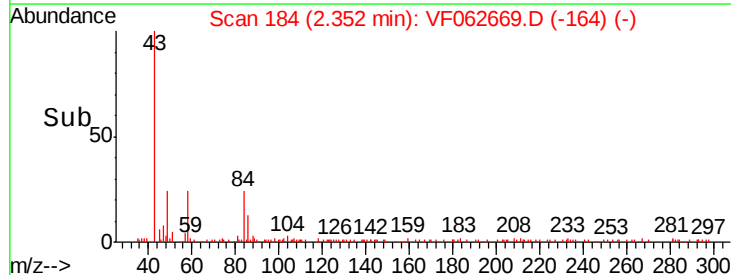
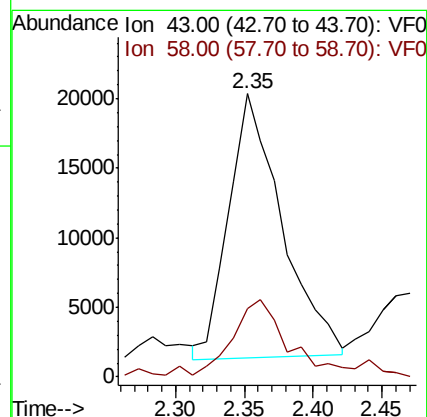
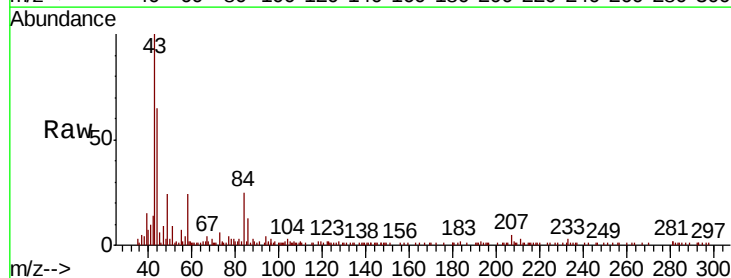
Acq: 20 May 2019 19:13

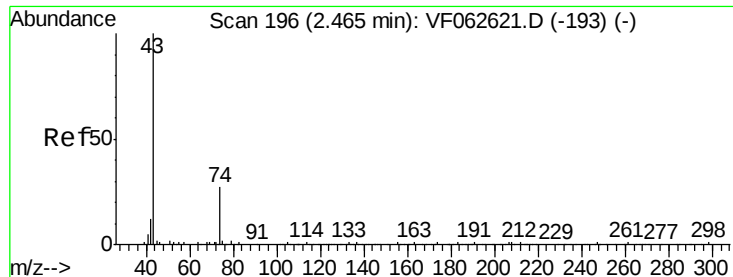
Tgt Ion: 43 Resp: 50925

Ion Ratio Lower Upper

43 100

58 24.1 22.6 33.8

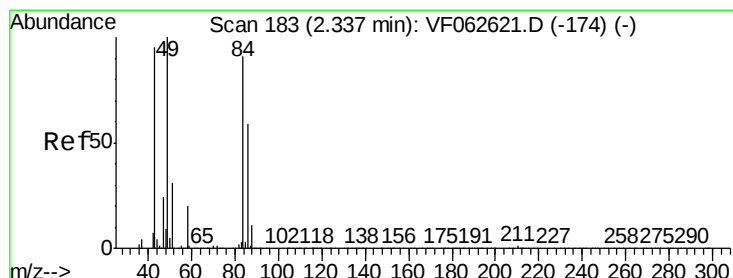
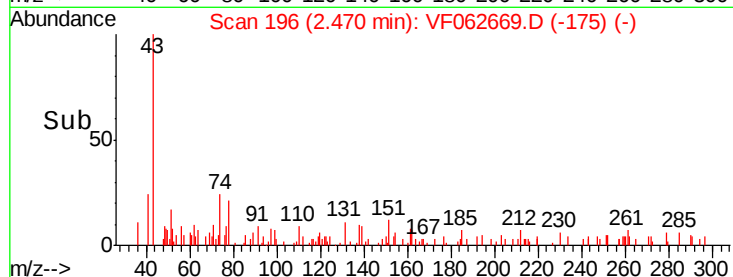
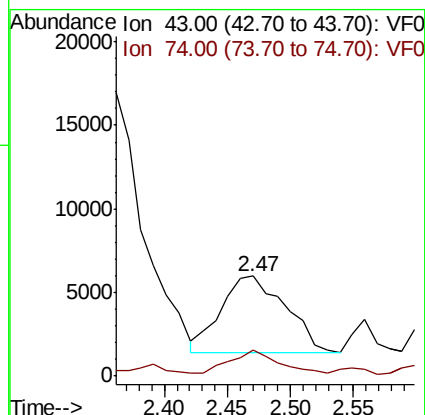
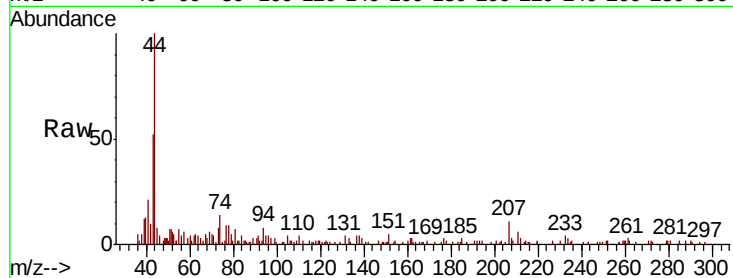




#18
Methyl Acetate
Concen: 8.558 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

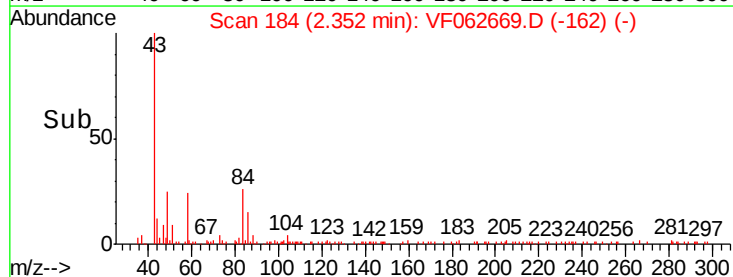
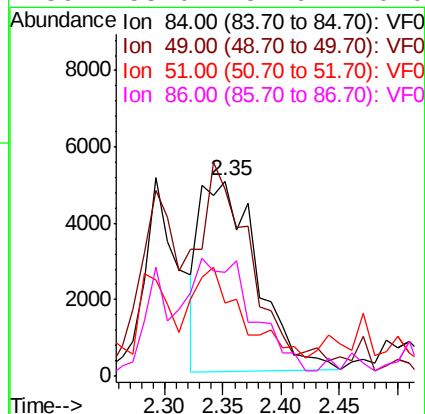
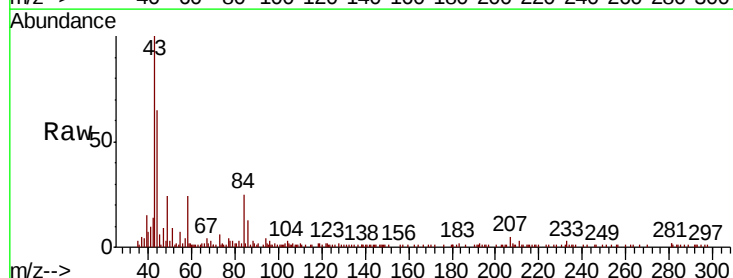
Instrument :
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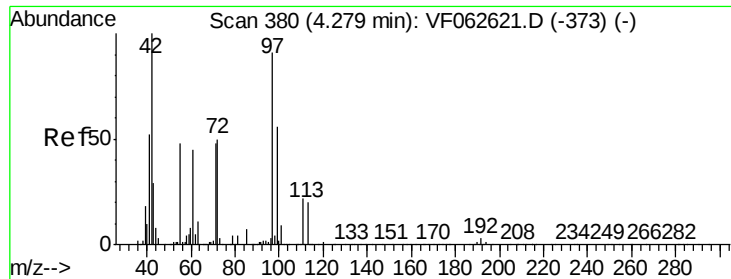
Tot Ion: 43 Resp: 16056
Ion Ratio Lower Upper
43 100
74 26.4 18.9 28.3



#20
Methylene Chloride
Concen: 2.840 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Tgt Ion: 84 Resp: 16993
Ion Ratio Lower Upper
84 100
49 95.9 89.8 134.8
51 37.1 28.4 42.6
86 53.0 52.6 79.0

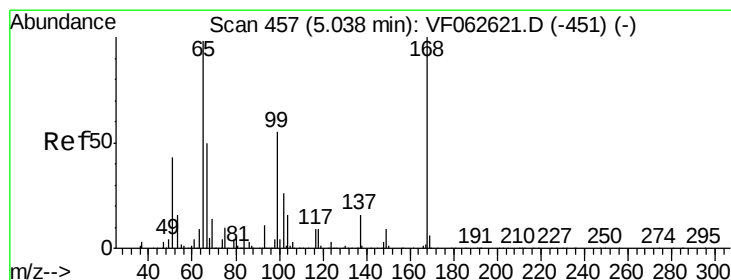
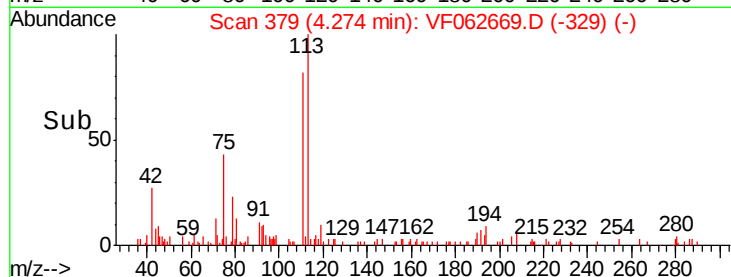
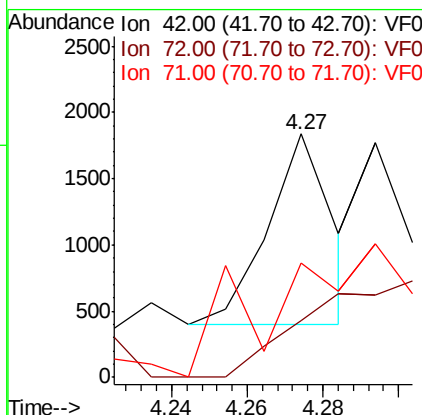
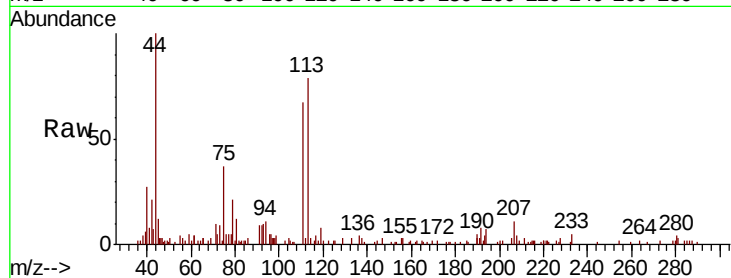




#29
Tetrahydrofuran
Concen: 1.659 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.00 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

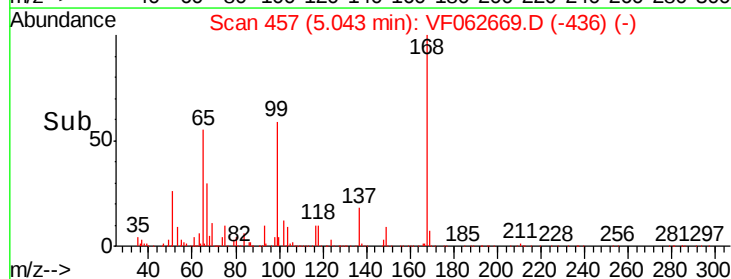
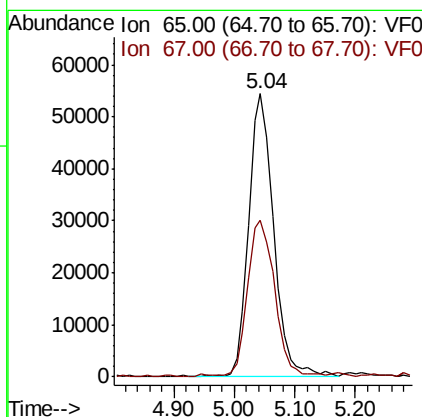
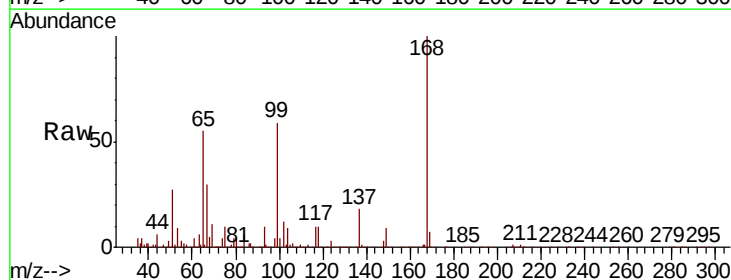
Instrument :
MSVOA_F
ClientSampleId :
TP-18-S2

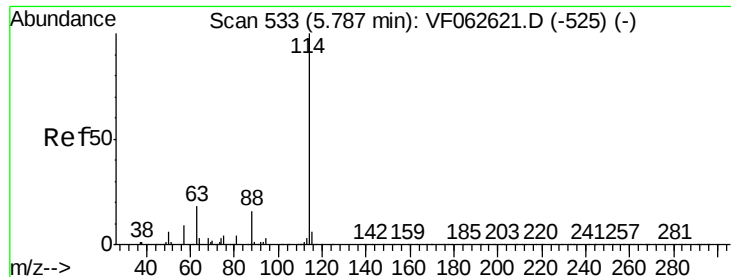
Tot Ion: 42 Resp: 1712
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.2#
71 0.0 35.8 53.6#



#33
1,2-Dichloroethane-d4
Concen: 34.132 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Tgt Ion: 65 Resp: 157070
Ion Ratio Lower Upper
65 100
67 55.3 0.0 117.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-18-S2

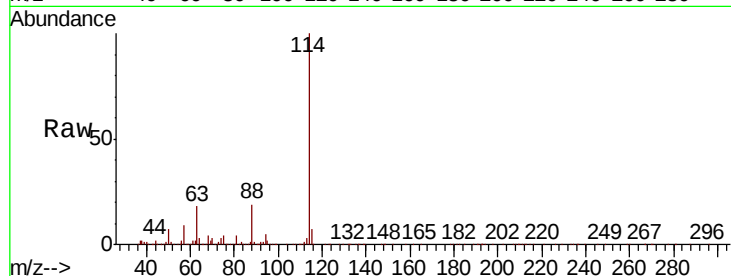
Tot Ion:114 Resp: 1026105

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.4

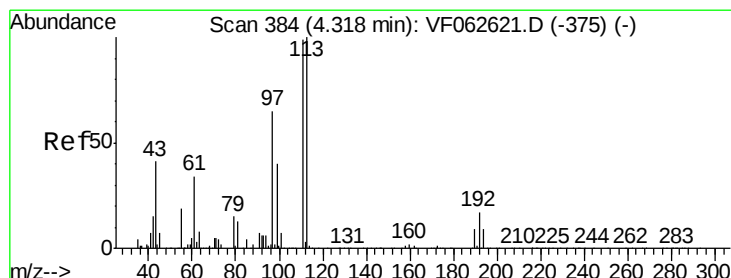
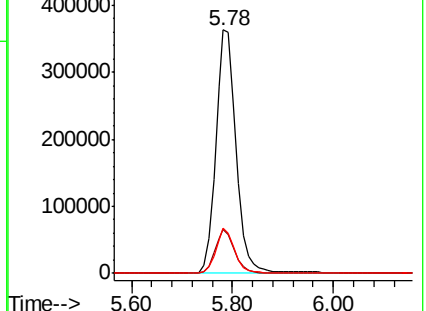
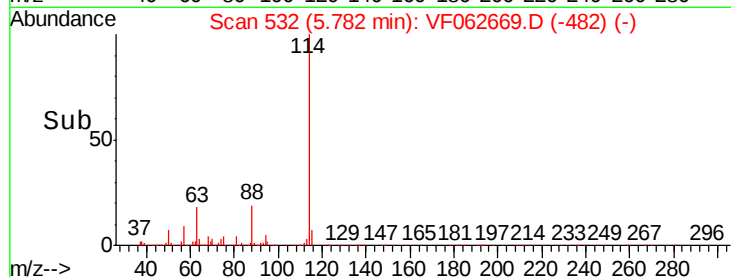
88 18.7 0.0 32.4



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: 37.974 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

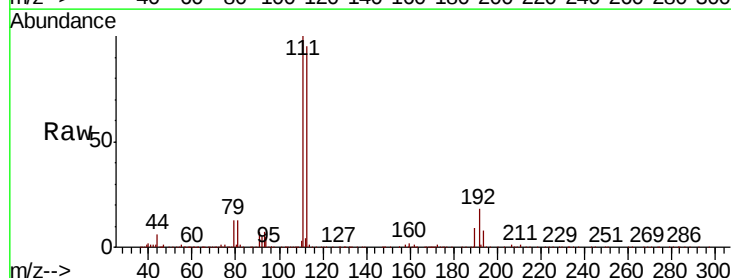
Tgt Ion:113 Resp: 298164

Ion Ratio Lower Upper

113 100

111 105.5 79.4 119.2

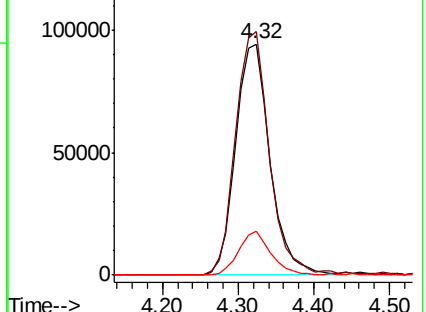
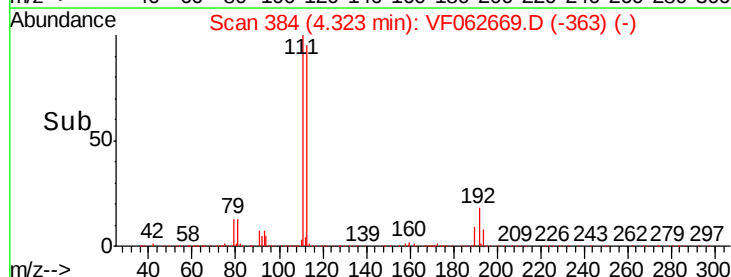
192 18.9 13.4 20.2

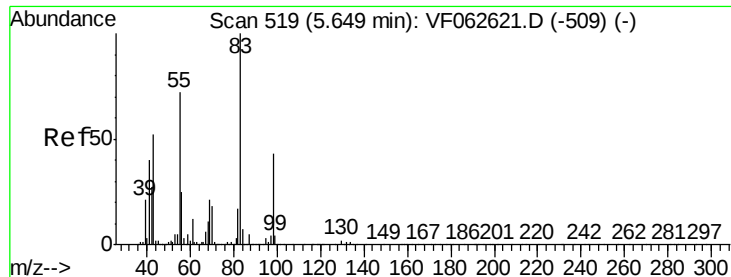


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

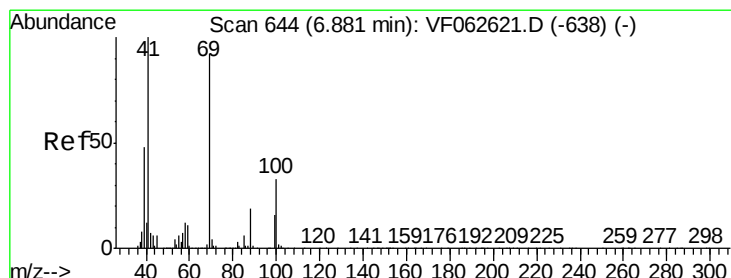
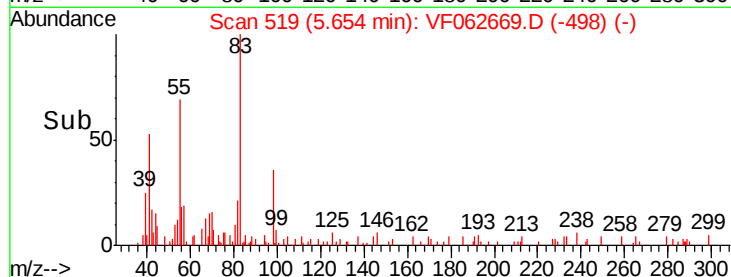
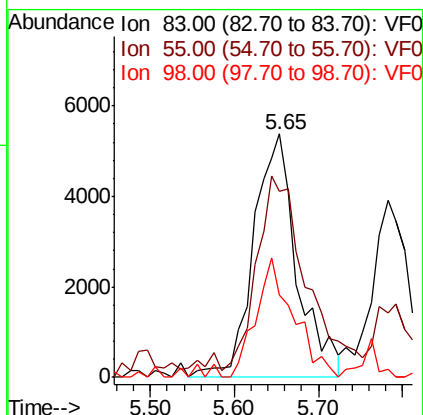
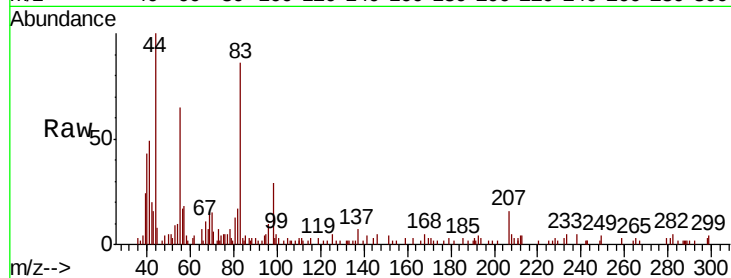




#39
Methvlcvclohexane
Concen: 1.540 ug/l
RT: 5.65 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

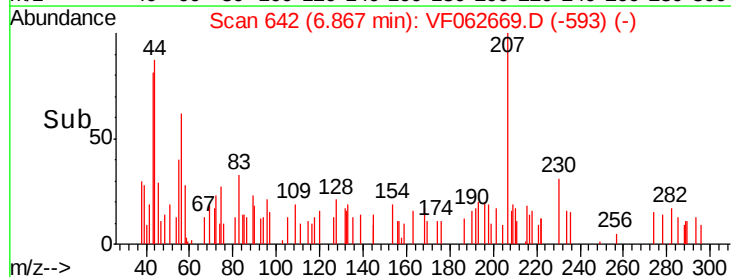
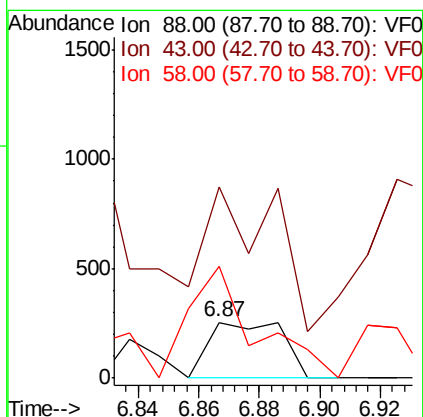
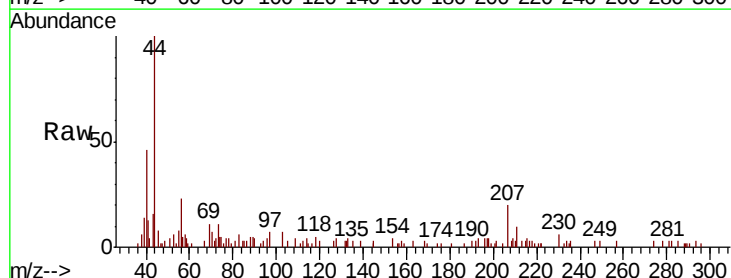
Instrument :
MSVOA_F
ClientSampleId :
TP-18-S2

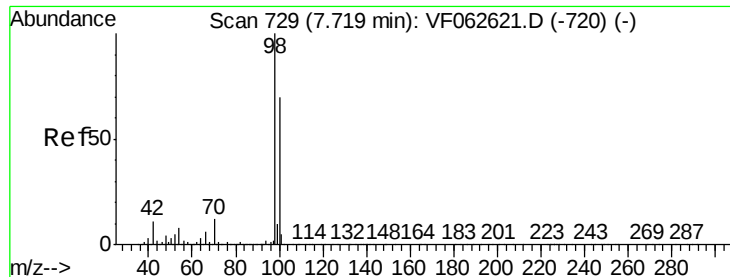
Tot Ion: 83 Resp: 19480
Ion Ratio Lower Upper
83 100
55 76.2 57.9 86.9
98 34.0 34.6 52.0#



#49
1,4-Dioxane
Concen: 11.576 ug/l
RT: 6.87 min Scan# 642
Delta R.T. -0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Tgt Ion: 88 Resp: 431
Ion Ratio Lower Upper
88 100
43 342.7 30.0 45.0#
58 199.6 51.1 76.7#





#50

Toluene-d8

Concen: 29.623 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

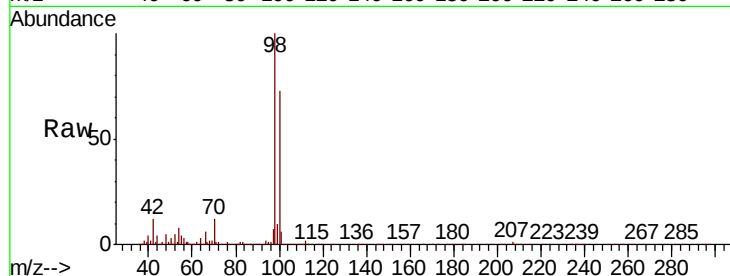
TP-18-S2

Tot Ion: 98 Resp: 555336

Ion Ratio Lower Upper

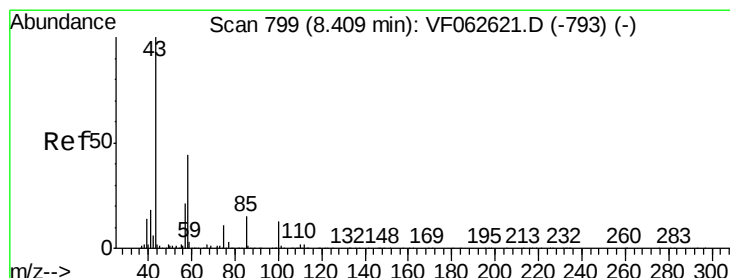
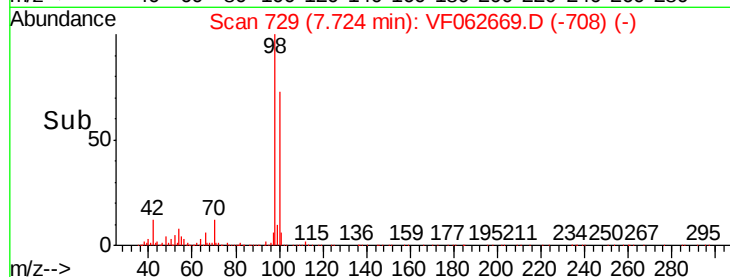
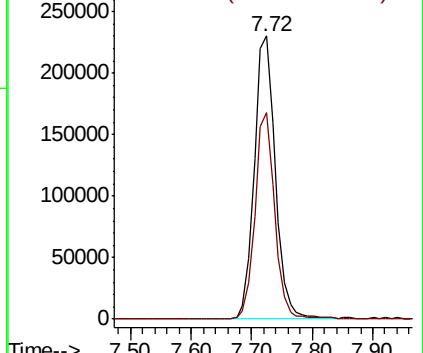
98 100

100 72.8 56.2 84.2



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: 7.694 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.02 min

Lab File: VF062669.D

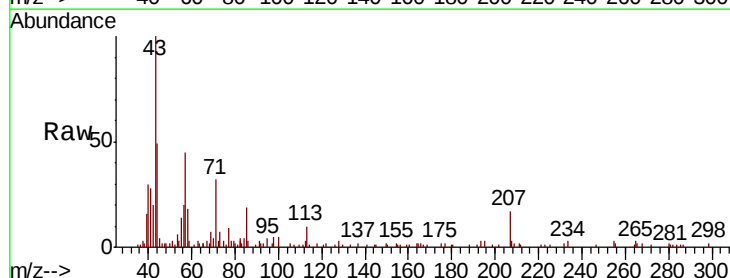
Acq: 20 May 2019 19:13

Tgt Ion: 43 Resp: 29249

Ion Ratio Lower Upper

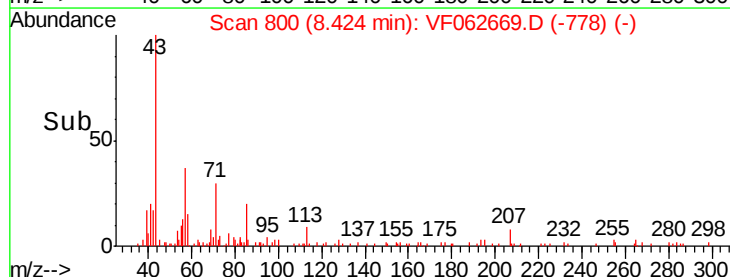
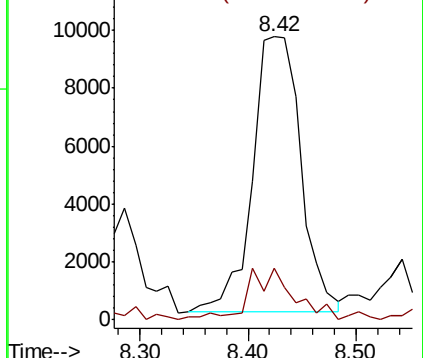
43 100

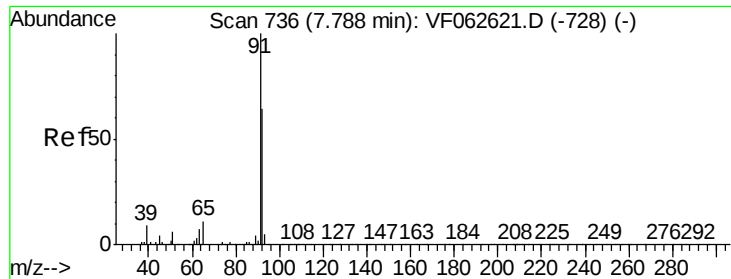
58 18.2 34.9 52.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 1.115 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

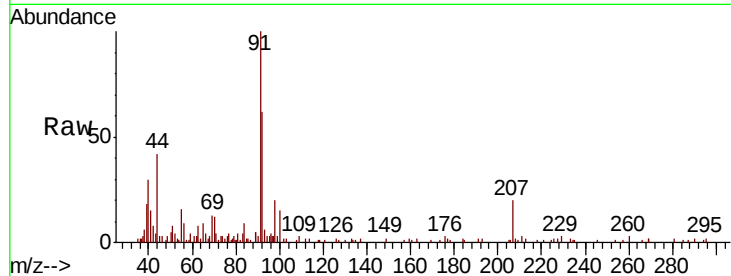
TP-18-S2

Tot Ion: 92 Resp: 16755

Ion Ratio Lower Upper

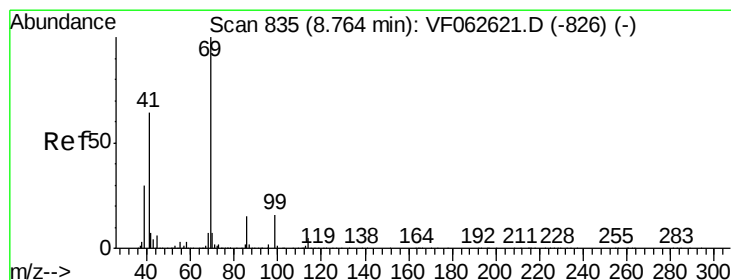
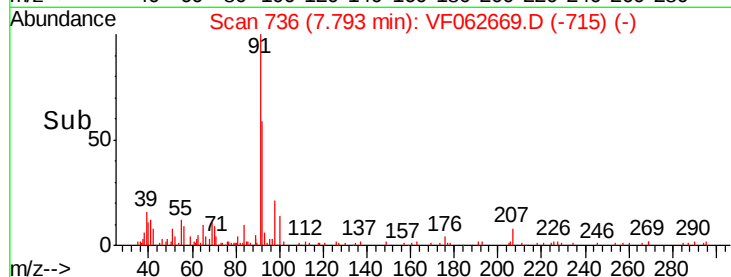
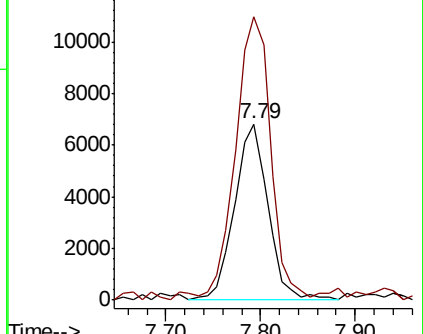
92 100

91 160.4 125.4 188.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#56

Ethyl methacrylate

Concen: 1.490 ug/l

RT: 8.84 min Scan# 842

Delta R.T. 0.07 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

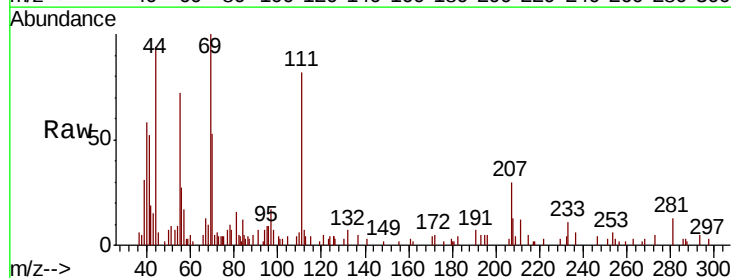
Tgt Ion: 69 Resp: 7895

Ion Ratio Lower Upper

69 100

41 52.3 51.4 77.2

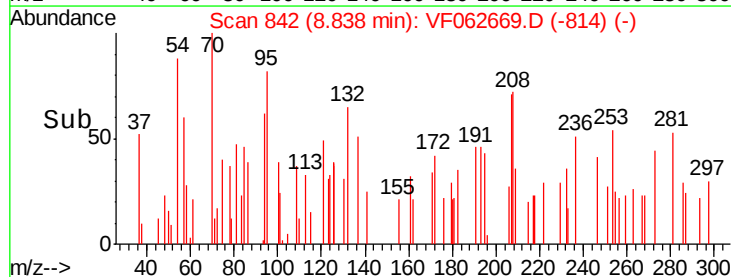
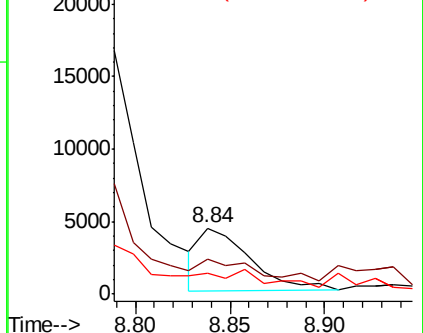
39 30.6 23.6 35.4

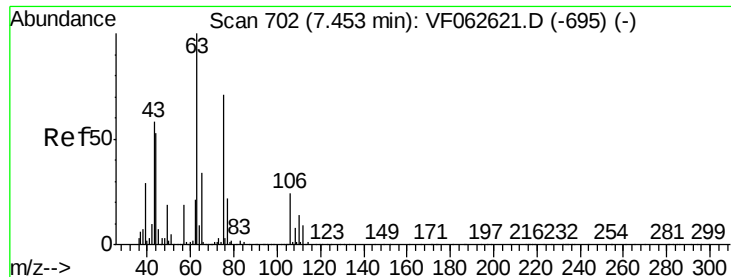


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

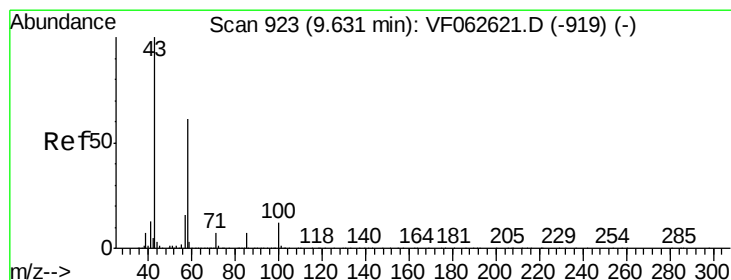
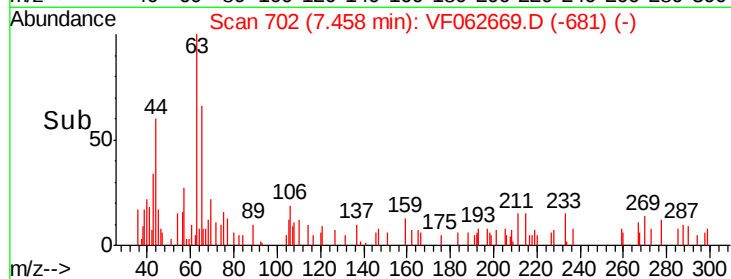
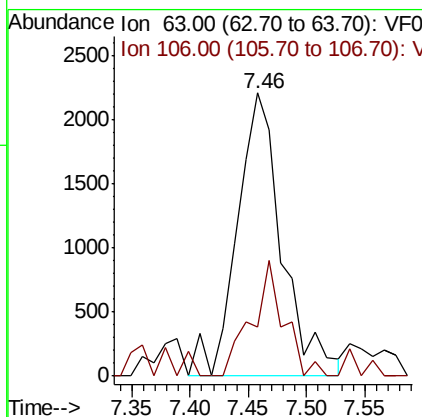
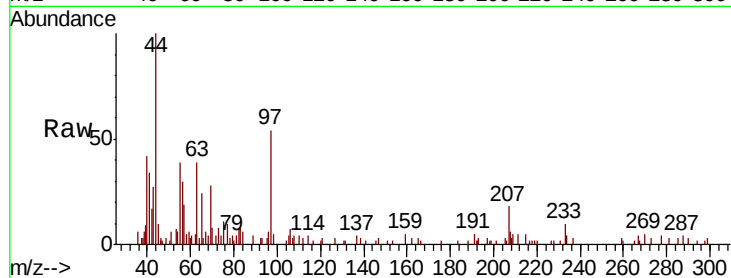




#58
2-Chloroethyl Vinyl ether
Concen: 3.429 ug/l
RT: 7.46 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

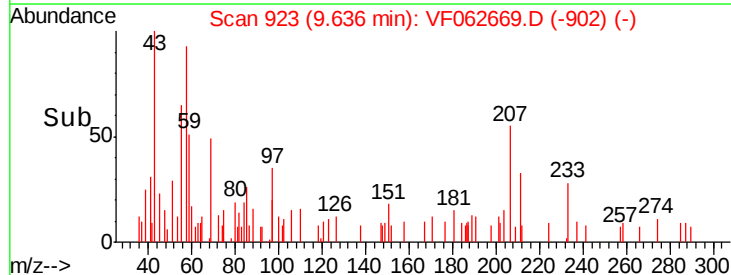
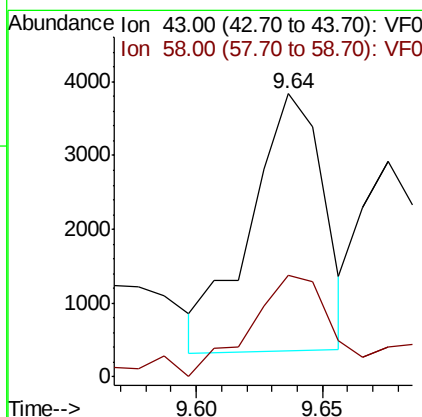
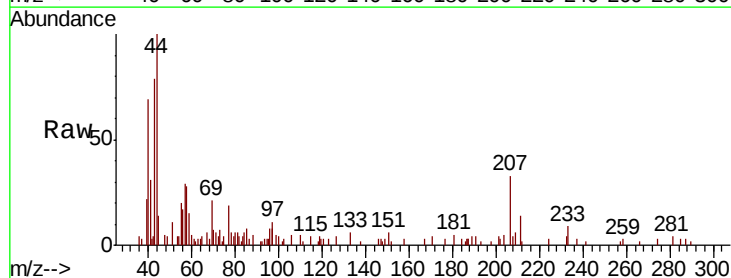
Instrument :
MSVOA_F
ClientSampleId :
TP-18-S2

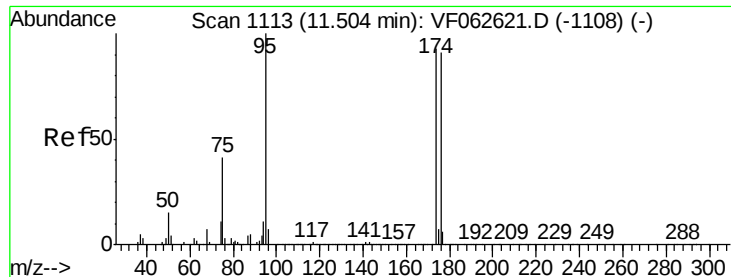
Tot Ion: 63 Resp: 5914
Ion Ratio Lower Upper
63 100
106 17.3 19.1 28.7#



#59
2-Hexanone
Concen: Below Cal
RT: 9.64 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Tgt Ion: 43 Resp: 7094
Ion Ratio Lower Upper
43 100
58 35.8 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 15.980 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-18-S2

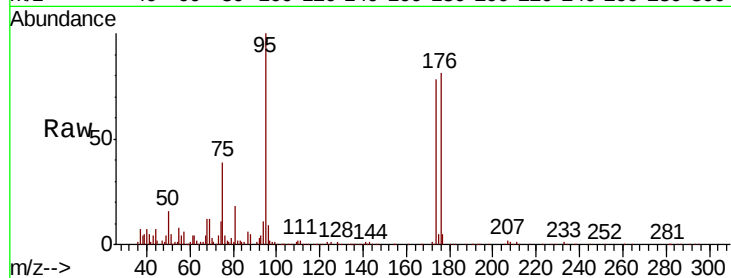
Tot Ion: 95 Resp: 113620

Ion Ratio Lower Upper

95 100

174 78.0 0.0 185.6

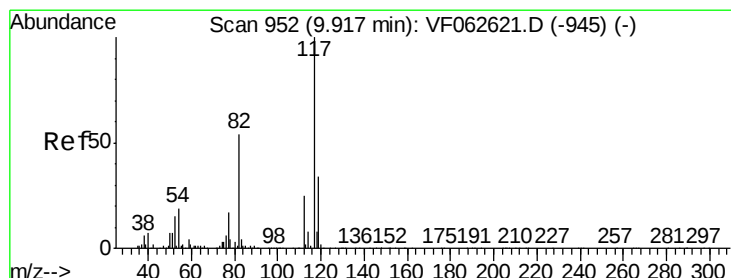
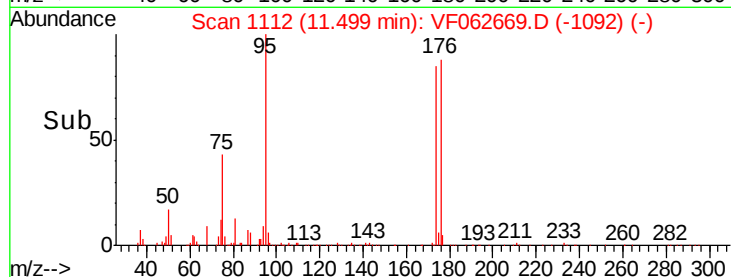
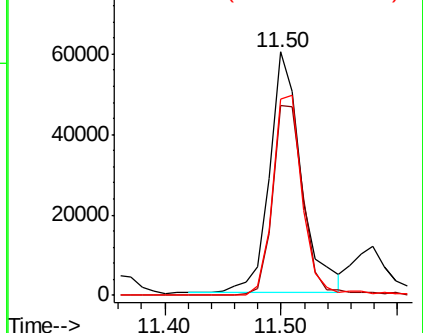
176 80.8 0.0 182.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

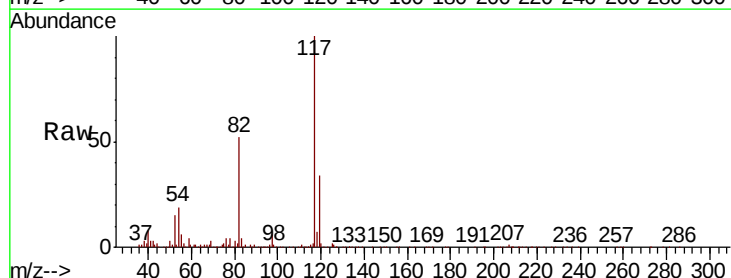
Tgt Ion: 117 Resp: 513944

Ion Ratio Lower Upper

117 100

82 52.4 43.3 64.9

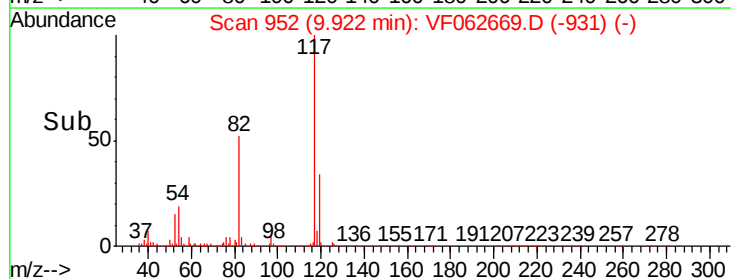
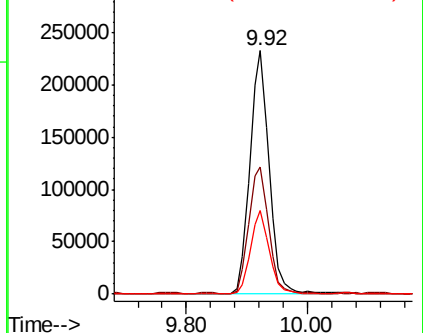
119 34.1 27.4 41.0

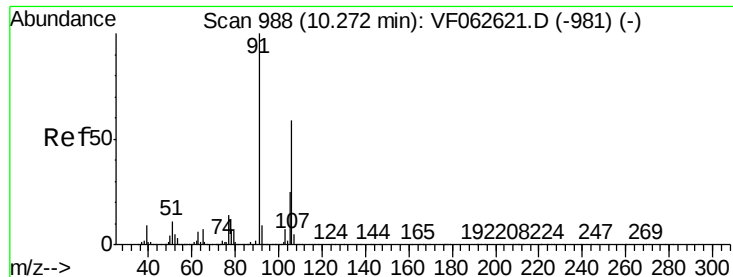


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#68

m/p-Xylenes

Concen: 1.153 ug/l

RT: 10.27 min Scan# 987

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

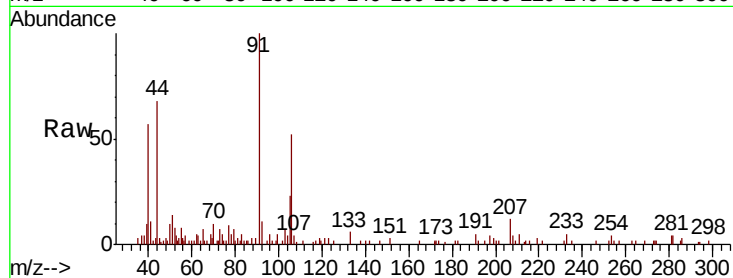
TP-18-S2

Tot Ion:106 Resp: 7601

Ion Ratio Lower Upper

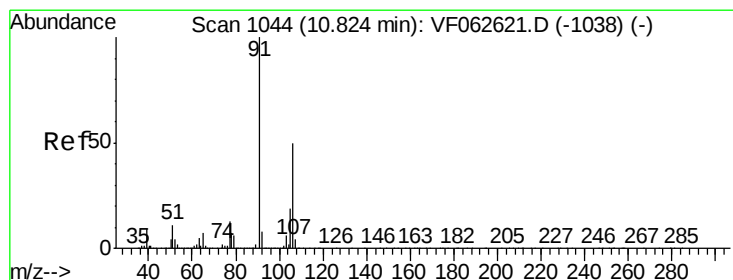
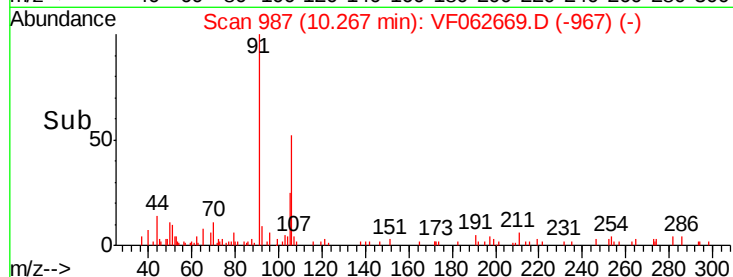
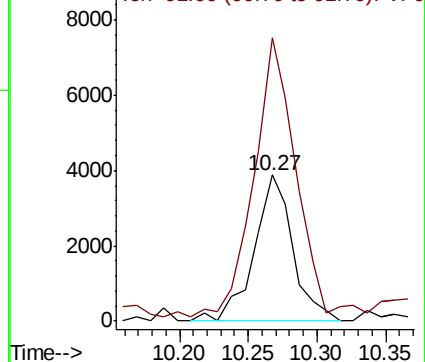
106 100

91 194.1 136.9 205.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 1.592 ug/l

RT: 10.83 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VF062669.D

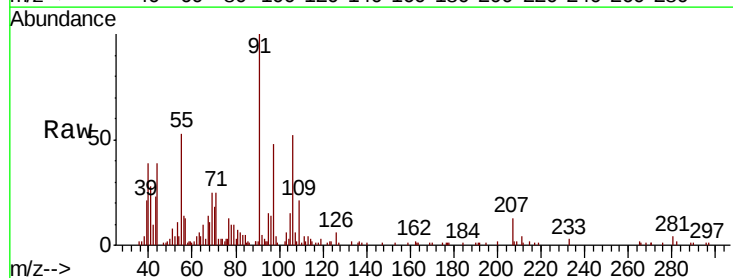
Acq: 20 May 2019 19:13

Tgt Ion:106 Resp: 10805

Ion Ratio Lower Upper

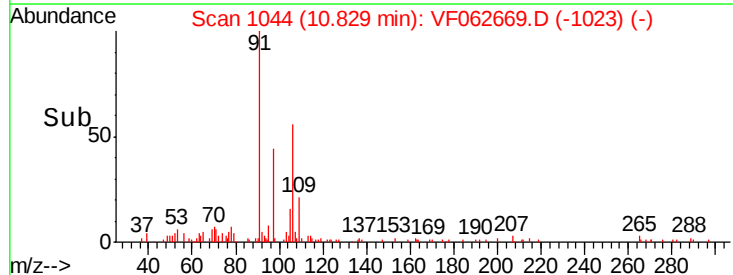
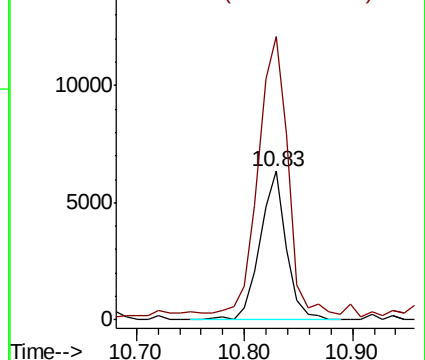
106 100

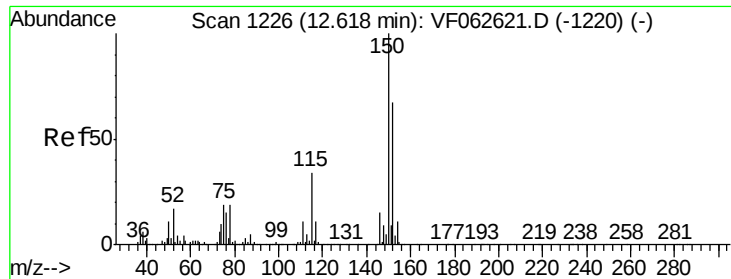
91 190.5 100.2 300.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



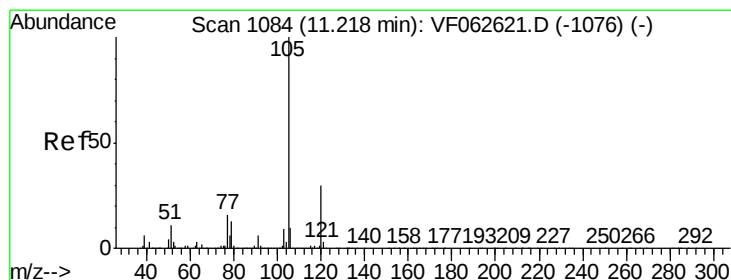
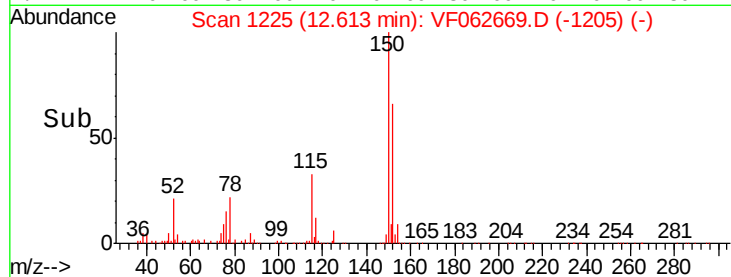
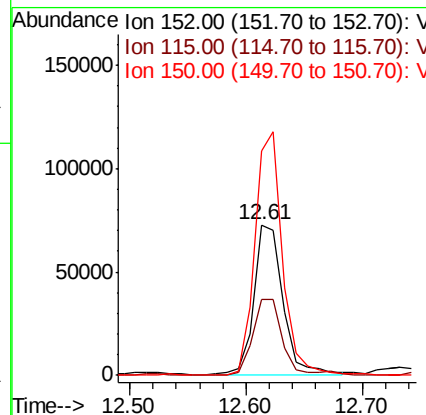
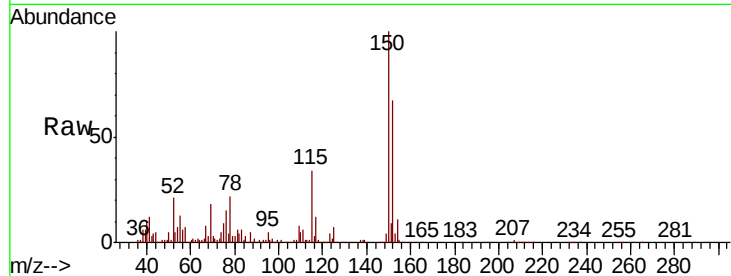


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Instrument :
MSVOA_F
ClientSampleId :
TP-18-S2

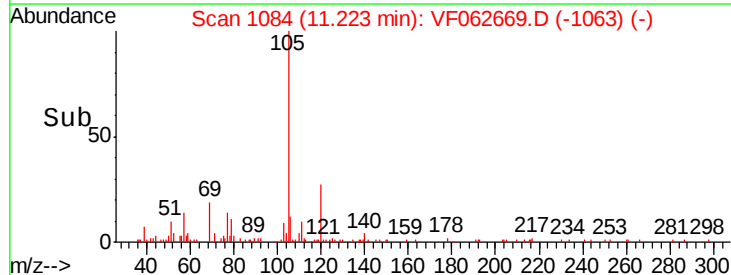
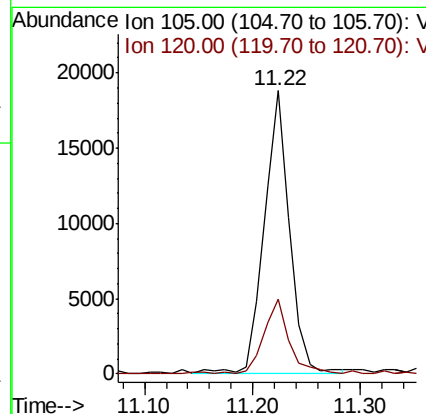
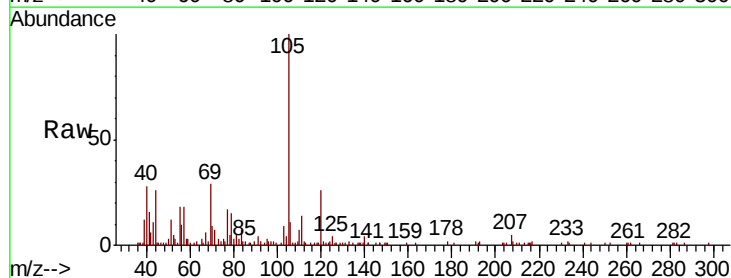
Tot Ion	Ratio	Lower	Upper
152	100		
115	50.2	25.2	75.6
150	149.4	0.0	306.2

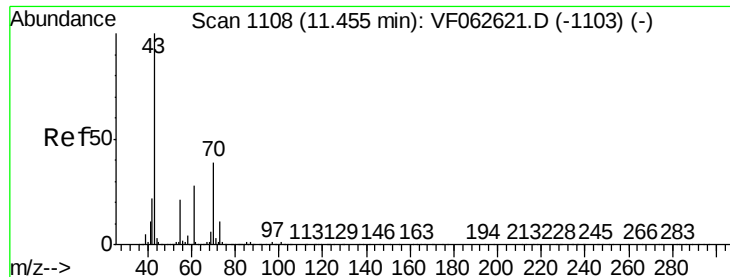


#73

Isopropylbenzene
Concen: 3.485 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	14.8	44.4

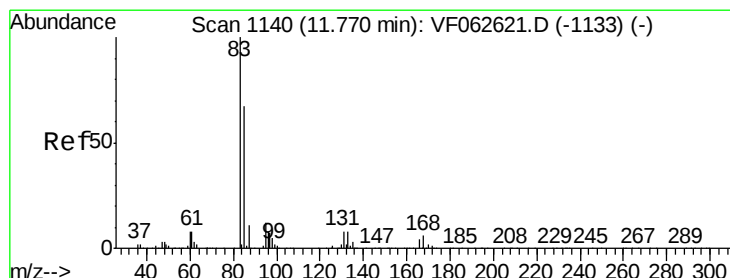
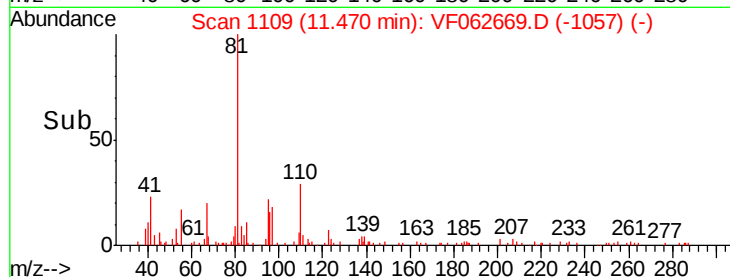
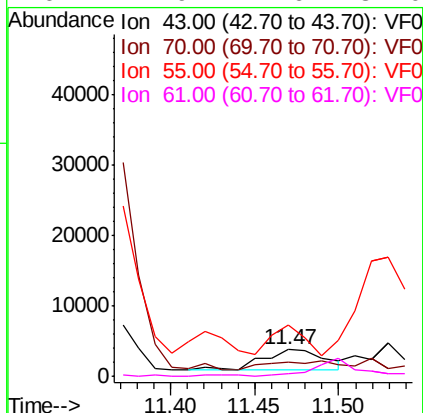
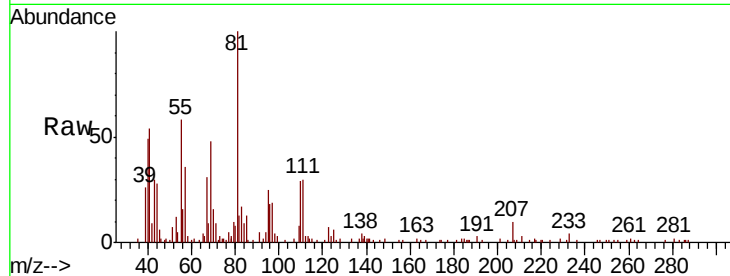




#74
N-amvl acetate
Concen: Below Cal
RT: 11.47 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

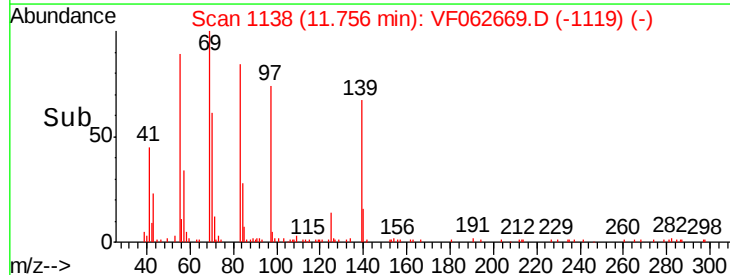
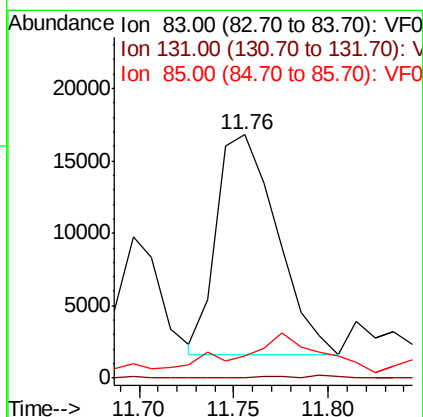
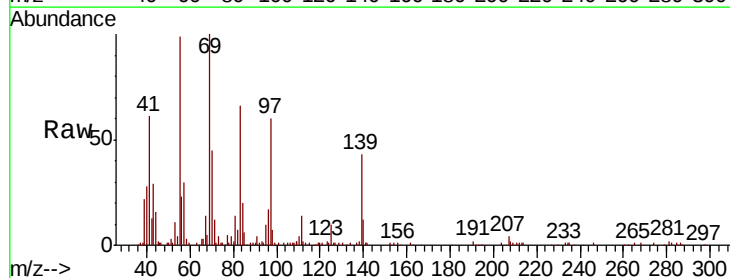
Instrument :
MSVOA_F
ClientSampleId :
TP-18-S2

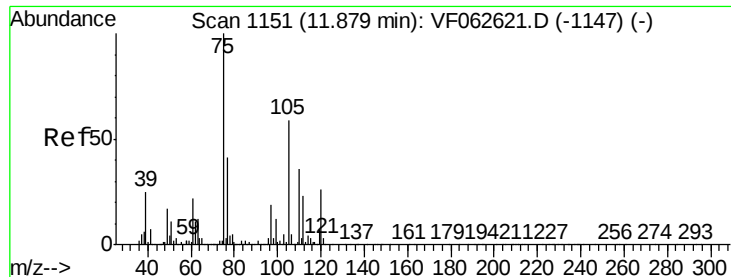
Tot Ion: 43 Resp: 6989
Ion Ratio Lower Upper
43 100
70 52.5 30.9 46.3#
55 194.6 17.0 25.4#
61 7.9 22.6 34.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 18.412 ug/l
RT: 11.76 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VF062669.D
Acq: 20 May 2019 19:13

Tgt Ion: 83 Resp: 33646
Ion Ratio Lower Upper
83 100
131 0.0 4.0 12.0#
85 9.1 33.5 100.5#





#76

1,2,3-Trichloropropane

Concen: 1.914 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampled :

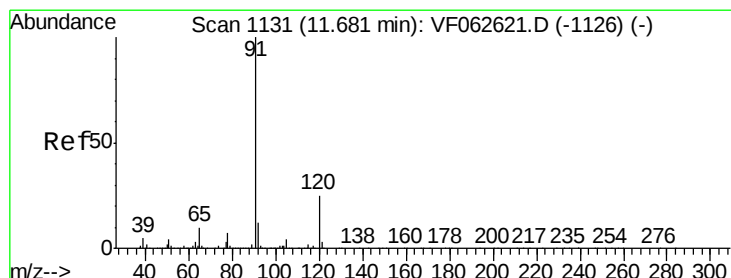
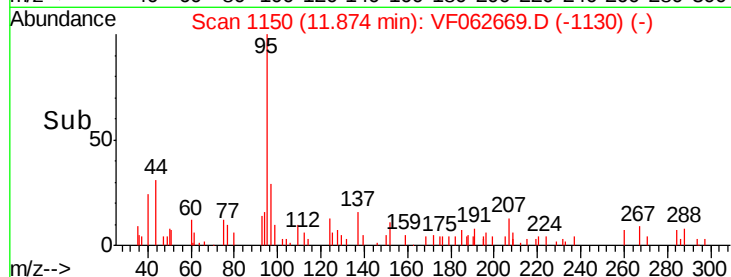
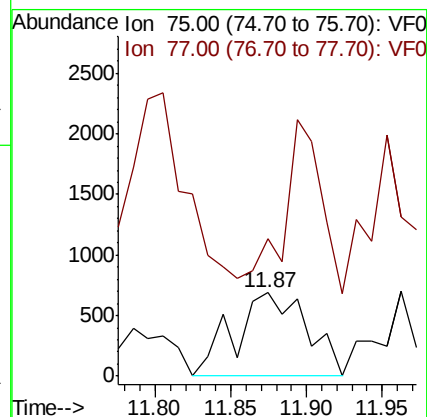
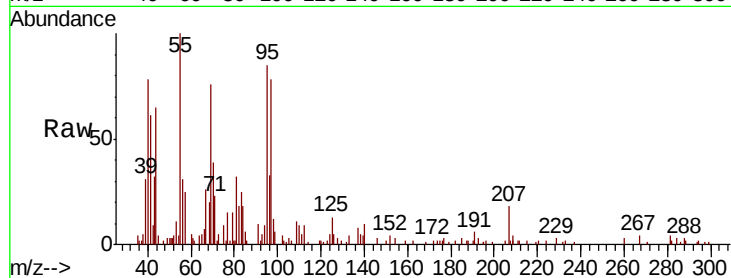
TP-18-S2

Tot Ion: 75 Resp: 2298

Ion Ratio Lower Upper

75 100

77 165.4 20.6 61.8#



#78

n-propylbenzene

Concen: 2.227 ug/l

RT: 11.68 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VF062669.D

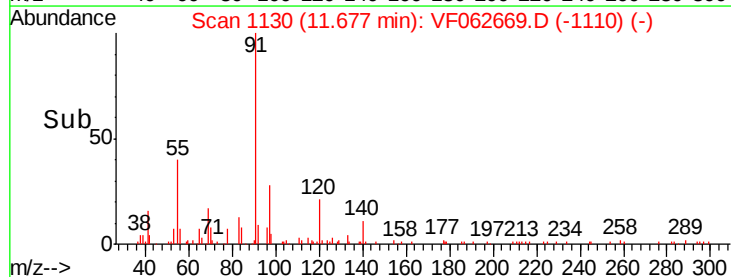
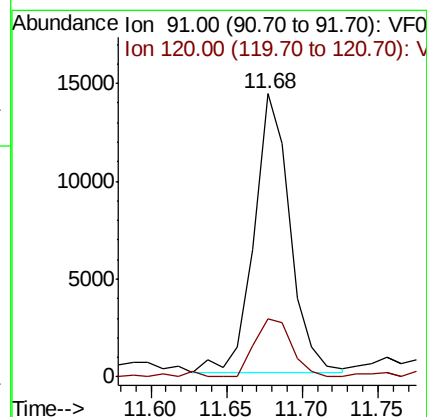
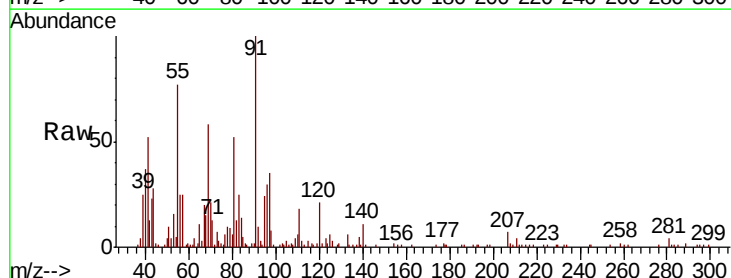
Acq: 20 May 2019 19:13

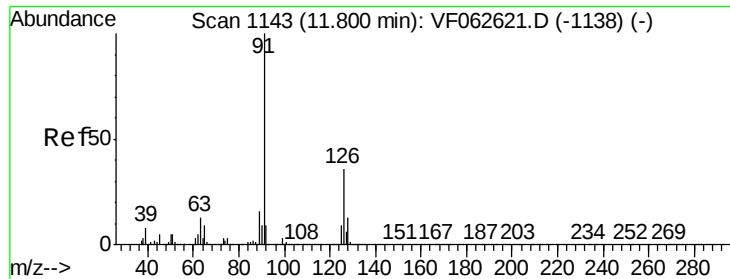
Tgt Ion: 91 Resp: 23567

Ion Ratio Lower Upper

91 100

120 20.5 12.7 38.1

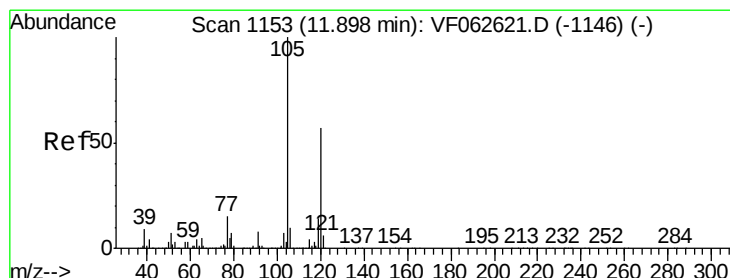
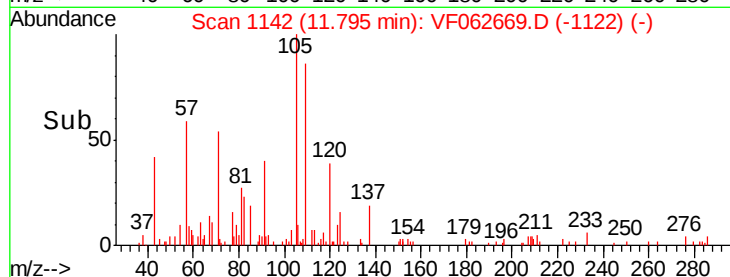
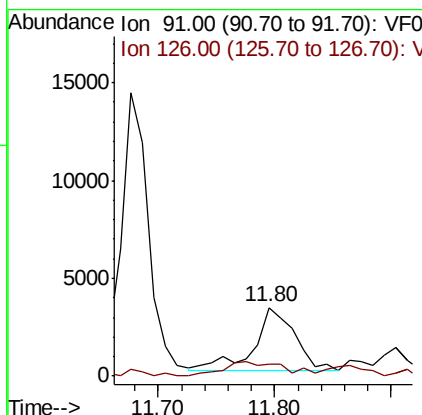
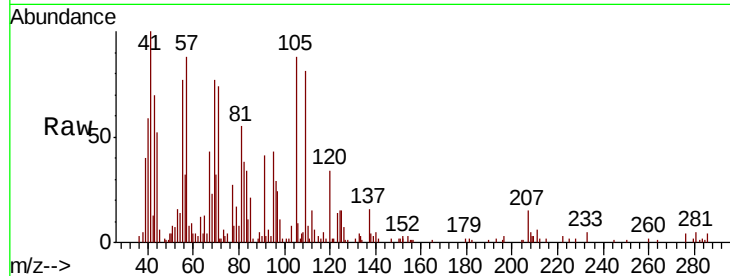




#79
 2-Chlorotoluene
 Concen: 1.302 ug/l
 RT: 11.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VF062669.D
 Acq: 20 May 2019 19:13

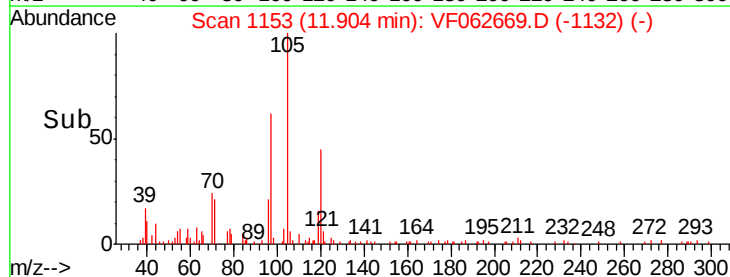
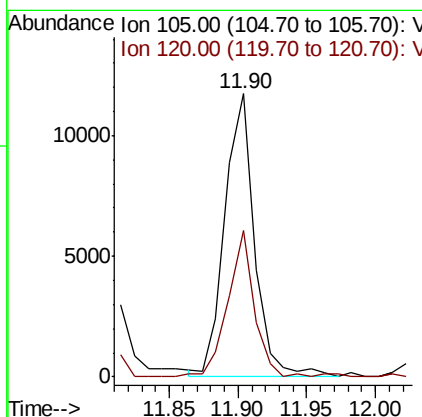
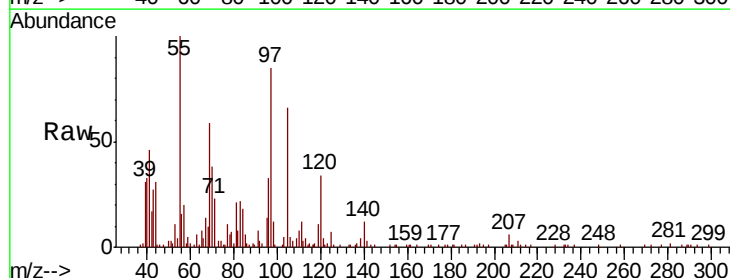
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-18-S2

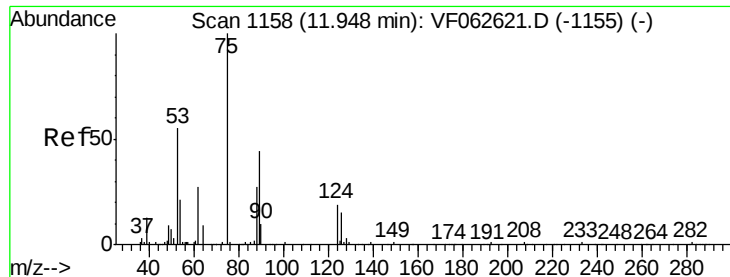
Tot Ion: 91 Resp: 7766
 Ion Ratio Lower Upper
 91 100
 126 17.4 18.1 54.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.460 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: VF062669.D
 Acq: 20 May 2019 19:13

Tgt Ion: 105 Resp: 17635
 Ion Ratio Lower Upper
 105 100
 120 51.6 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 2.415 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.02 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-18-S2

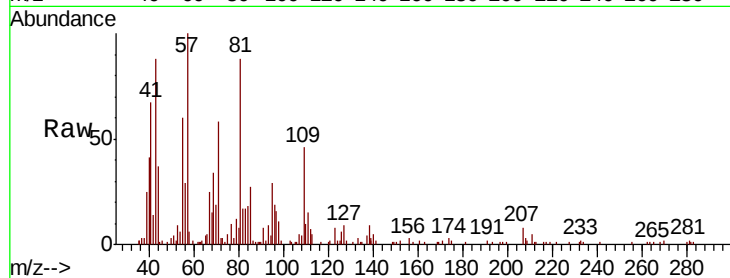
Tot Ion: 75 Resp: 1289

Ion Ratio Lower Upper

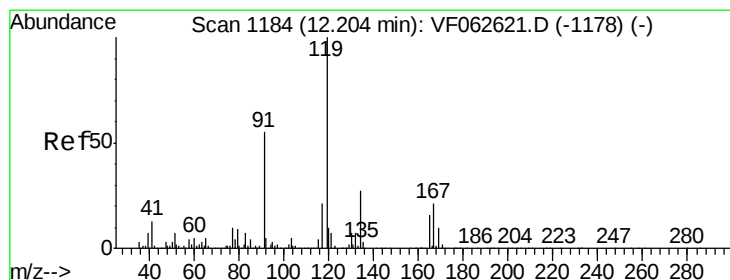
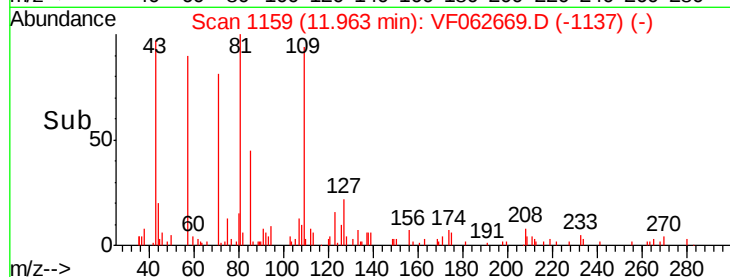
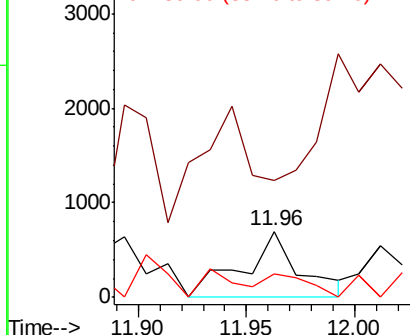
75 100

53 175.9 46.9 70.3#

89 36.4 36.4 54.6#



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 53.00 (52.70 to 53.70): VF0
Ion 89.00 (88.70 to 89.70): VF0



#83

tert-Butylbenzene

Concen: 2.416 ug/l

RT: 12.20 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

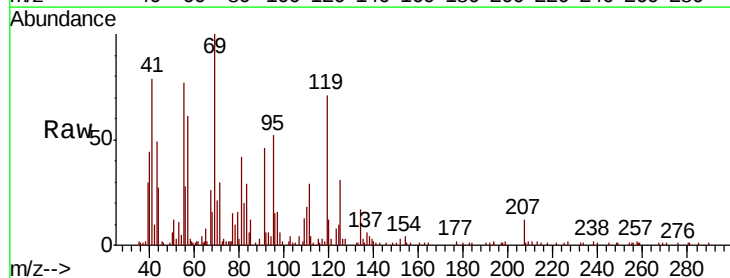
Tgt Ion: 119 Resp: 17578

Ion Ratio Lower Upper

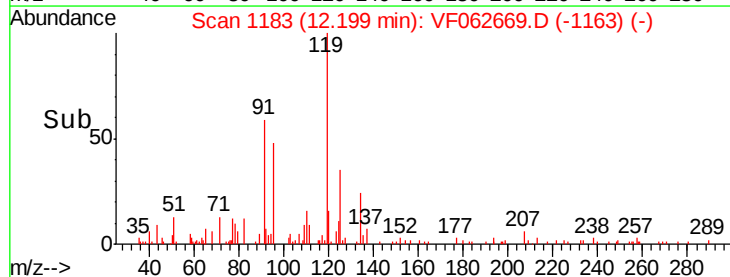
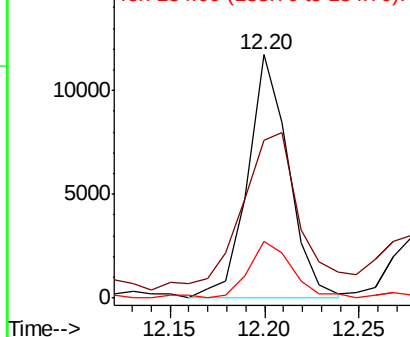
119 100

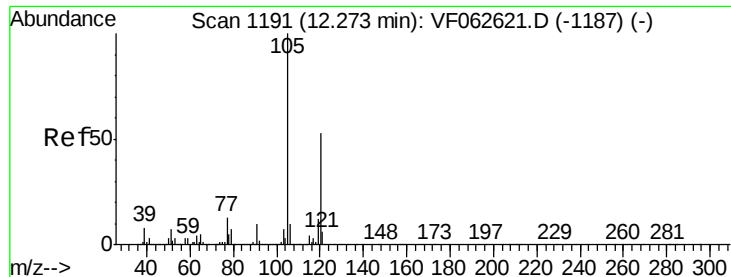
91 64.8 27.3 81.9

134 23.3 13.6 40.7



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

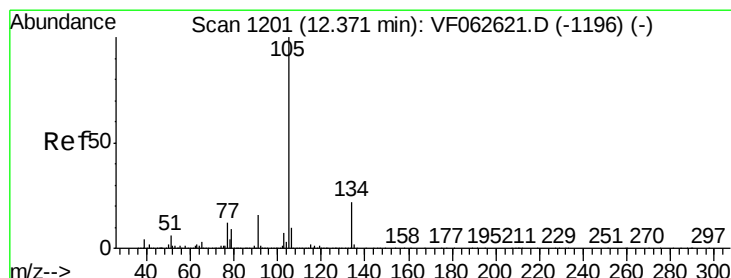
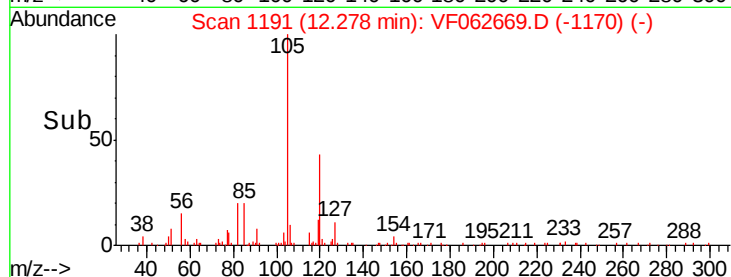
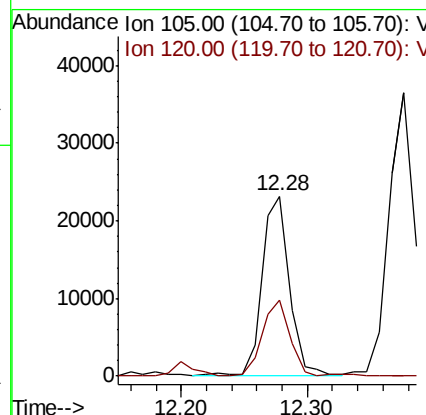
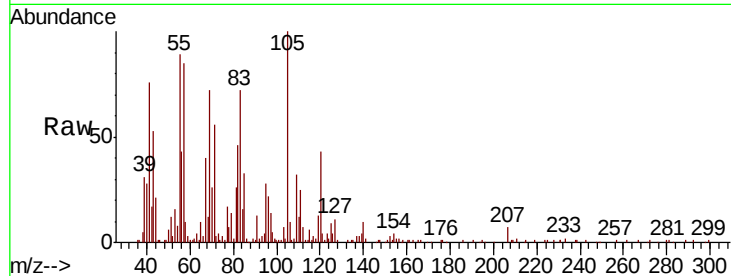




#84
 1,2,4-Trimethylbenzene
 Concen: 5.112 ug/l
 RT: 12.28 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062669.D
 Acq: 20 May 2019 19:13

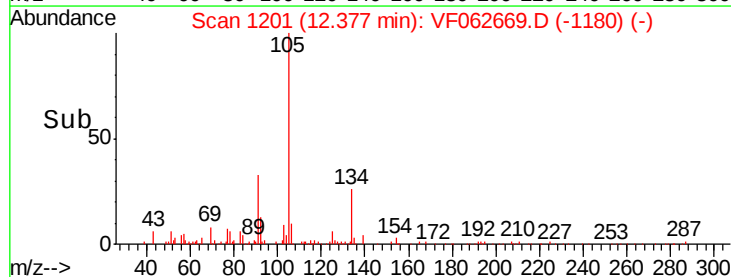
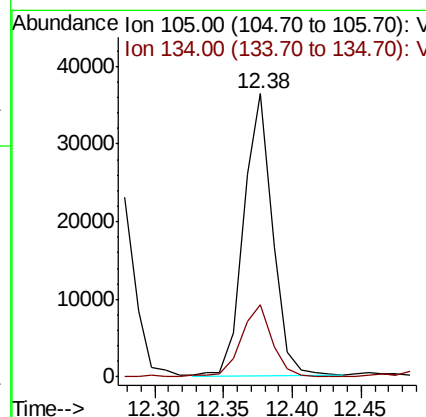
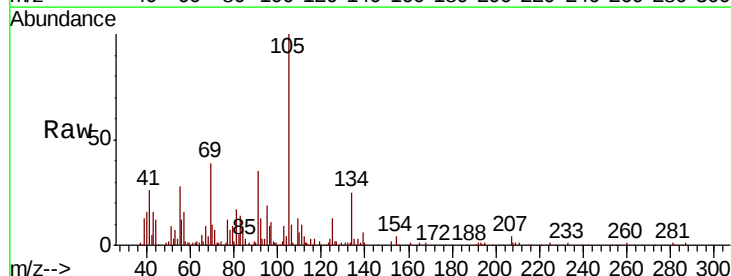
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-18-S2

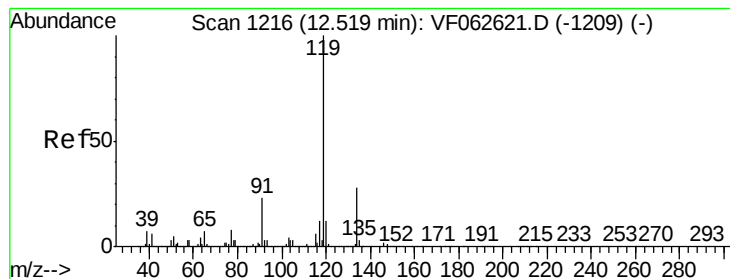
Tot Ion:105 Resp: 35475
 Ion Ratio Lower Upper
 105 100
 120 42.6 26.7 80.1



#85
 sec-Butylbenzene
 Concen: 5.452 ug/l
 RT: 12.38 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VF062669.D
 Acq: 20 May 2019 19:13

Tgt Ion:105 Resp: 53226
 Ion Ratio Lower Upper
 105 100
 134 25.5 10.8 32.4





#86

p-Isopropyltoluene

Concen: 2.347 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-18-S2

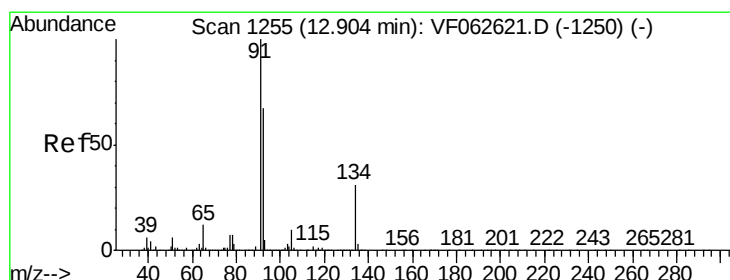
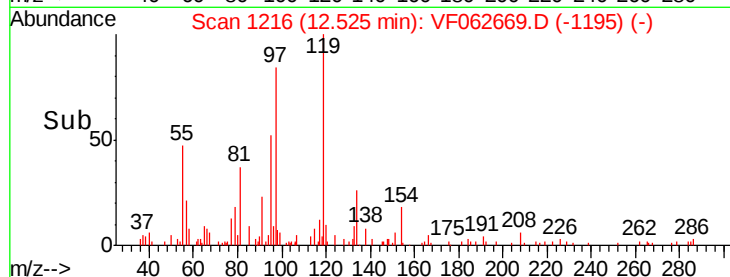
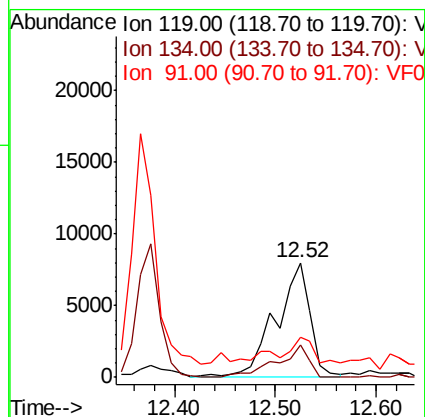
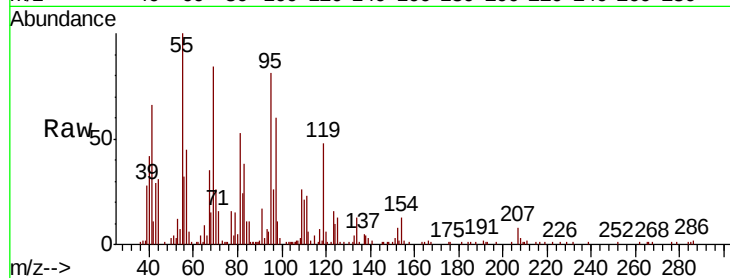
Tot Ion: 119 Resp: 19312

Ion Ratio Lower Upper

119 100

134 27.8 14.1 42.3

91 34.9 11.4 34.2#



#89

n-Butylbenzene

Concen: 2.419 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

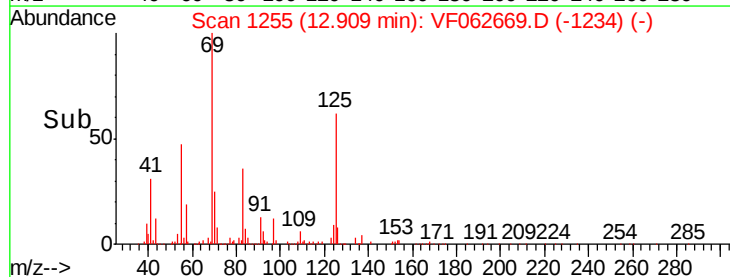
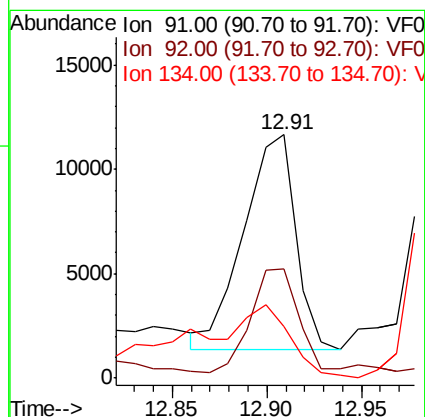
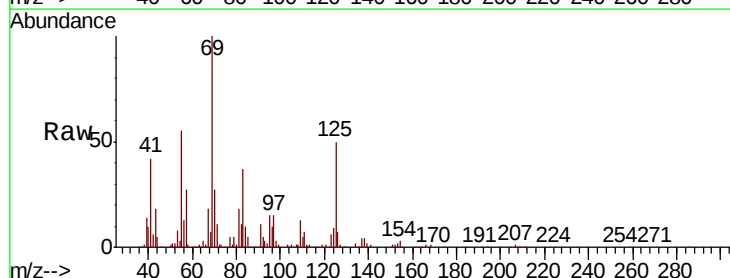
Tgt Ion: 91 Resp: 19625

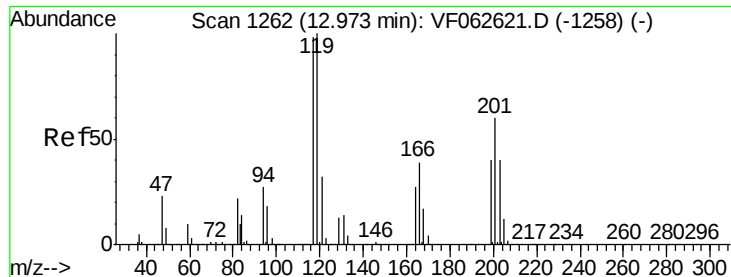
Ion Ratio Lower Upper

91 100

92 44.8 33.3 99.8

134 21.4 15.4 46.4





#90

Hexachloroethane

Concen: 4.329 ug/l

RT: 12.99 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

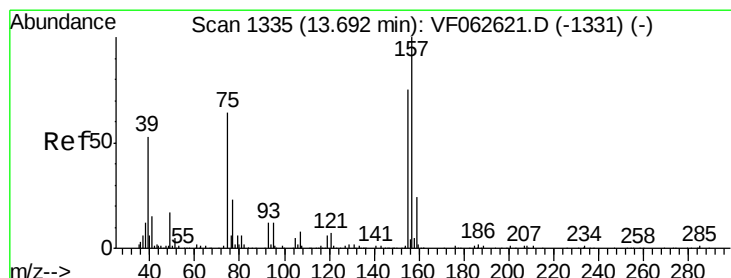
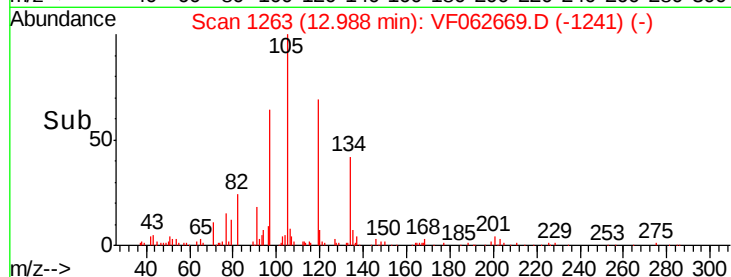
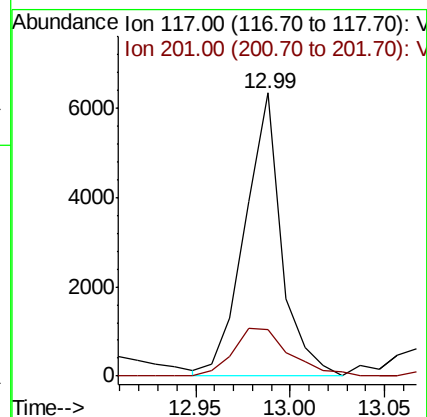
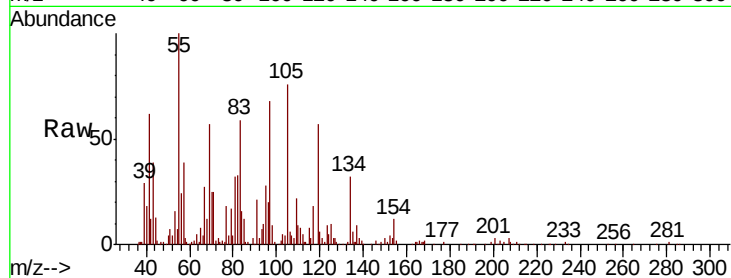
TP-18-S2

Tot Ion:117 Resp: 8543

Ion Ratio Lower Upper

117 100

201 16.4 30.7 92.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.229 ug/l

RT: 13.70 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

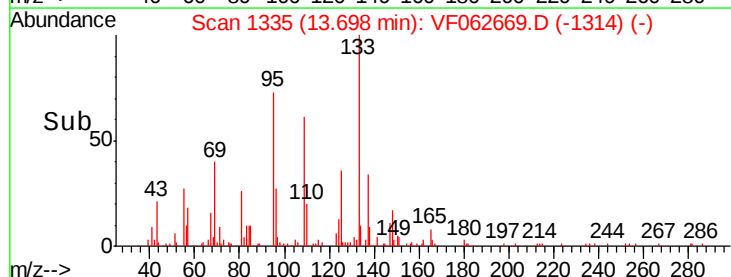
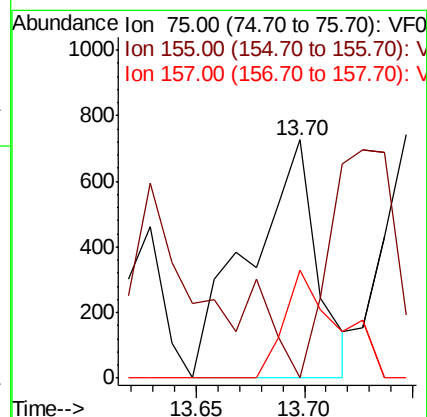
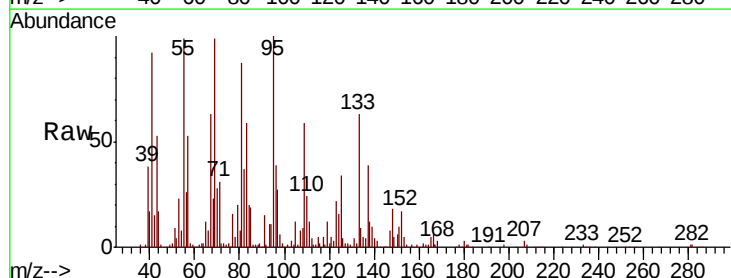
Tgt Ion: 75 Resp: 1576

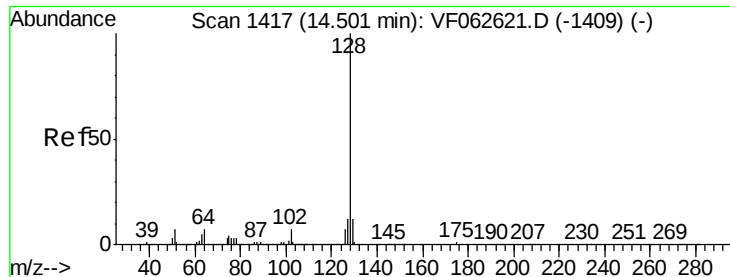
Ion Ratio Lower Upper

75 100

155 0.0 58.1 174.3#

157 45.5 77.8 233.4#





#95

Naphthalene

Concen: 8.474 ug/l

RT: 14.50 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

Instrument :

MSVOA_F

ClientSampleId :

TP-18-S2

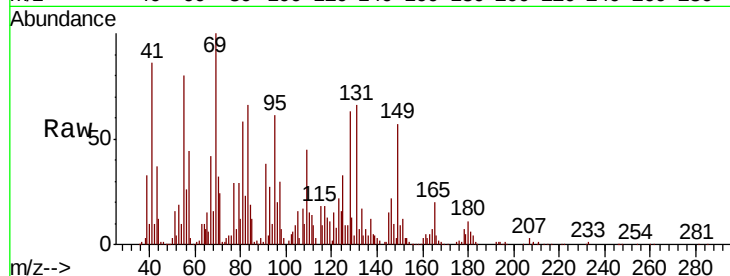
Tot Ion:128 Resp: 39498

Ion Ratio Lower Upper

128 100

127 13.9 9.7 14.5

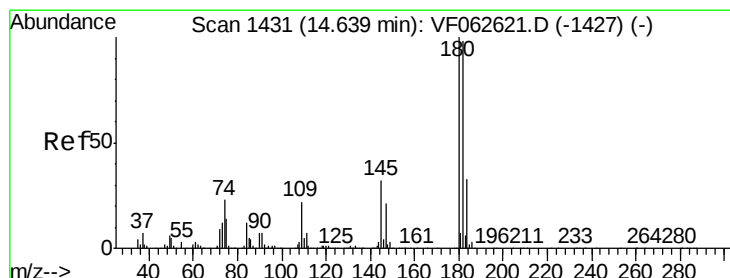
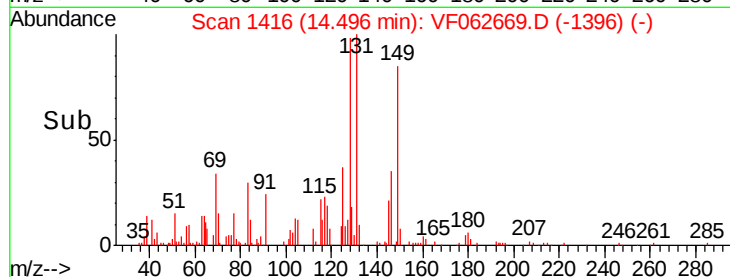
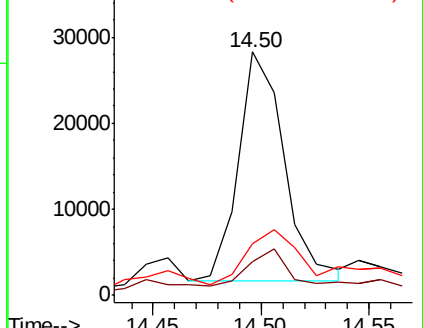
129 21.1 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.676 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. 0.01 min

Lab File: VF062669.D

Acq: 20 May 2019 19:13

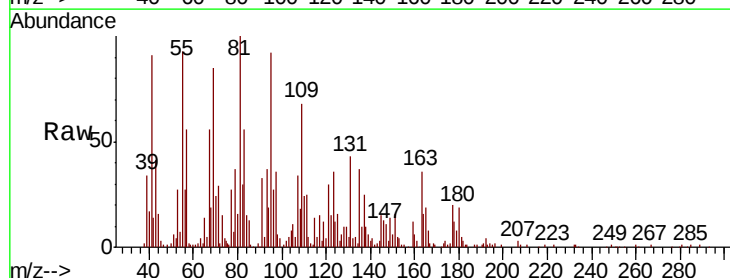
Tgt Ion:180 Resp: 8934

Ion Ratio Lower Upper

180 100

182 18.1 48.9 146.7#

145 76.5 16.1 48.2#



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

