

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
 Data File : VF061228.D
 Acq On : 28 Dec 2018 11:29
 Operator : VA/AP
 Sample : J6498-01RE
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-1218-S-DH-9-TRE

Quant Time: Dec 29 00:53:42 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	4.88	168	93162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	139142	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	96076	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	27126	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	46751	39.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	78.04%	
35) Dibromofluoromethane	4.13	113	57027	51.16	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	7.56	98	132492	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
62) 4-Bromofluorobenzene	11.42	95	39962	27.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.88%	

Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	865	17.889	ug/l #	65
13) Acrolein	2.12	56	800	22.897	ug/l	88
15) Acrylonitrile	2.97	53	1442	12.897	ug/l #	60
16) Acetone	2.24	43	58308	243.419	ug/l #	89
17) Carbon Disulfide	1.81	76	3263	1.315	ug/l	98
18) Methyl Acetate	2.24	43	53465	107.883	ug/l #	66
20) Methylene Chloride	2.19	84	703	Below Cal	#	55
25) 2-Butanone	4.35	43	16832	43.327	ug/l	98
29) Tetrahydrofuran	4.09	42	1821	11.517	ug/l #	60
41) Methacrylonitrile	4.74	41	606	1.708	ug/l #	38
43) Isopropyl Acetate	6.97	43	1290	1.591	ug/l #	45
48) Methyl methacrylate	6.73	41	757	1.337	ug/l #	76
49) 1,4-Dioxane	6.75	88	69	16.797	ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	5732	10.306	ug/l	93
52) Toluene	7.64	92	3906	1.634	ug/l	96
56) Ethyl methacrylate	8.63	69	988	1.274	ug/l	87
59) 2-Hexanone	9.51	43	6631	16.486	ug/l	97
68) m/p-Xylenes	10.15	106	2477	1.947	ug/l #	66
70) Styrene	10.80	104	1523	Below Cal	#	82
74) N-amyl acetate	11.39	43	7933	15.286	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.70	83	499	1.286	ug/l #	91
76) 1,2,3-Trichloropropane	11.80	75	529	1.832	ug/l	98
77) Bromobenzene	11.51	156	741	1.473	ug/l #	57
79) 2-Chlorotoluene	11.72	91	2440	1.522	ug/l	85
80) 1,3,5-Trimethylbenzene	11.83	105	2092	1.087	ug/l	70
82) 4-Chlorotoluene	11.91	91	2455	1.480	ug/l	82
84) 1,2,4-Trimethylbenzene	12.22	105	2649	1.380	ug/l	98
85) sec-Butylbenzene	12.32	105	2721	1.053	ug/l	98
87) 1,3-Dichlorobenzene	12.48	146	1724	Below Cal		87
88) 1,4-Dichlorobenzene	12.57	146	2142	2.318	ug/l	89
89) n-Butylbenzene	12.85	91	2928	1.398	ug/l	82
91) 1,2-Dichlorobenzene	12.95	146	2101	2.335	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.66	75	151	2.121	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.21	180	1834	2.875	ug/l	66

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

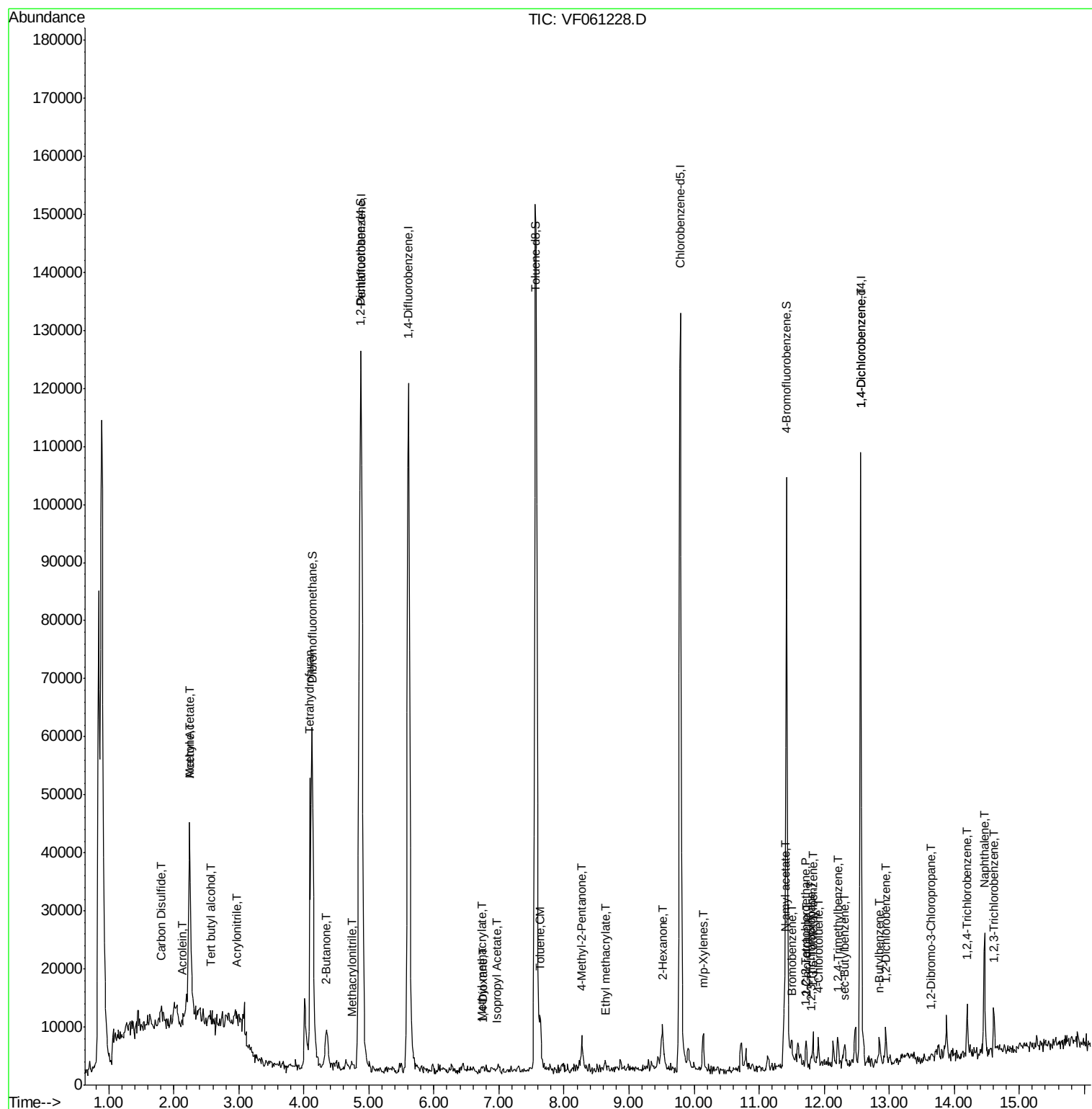
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.47	128	14487	12.435	ug/l	97
96) 1,2,3-Trichlorobenzene	14.60	180	2157	3.657	ug/l	87

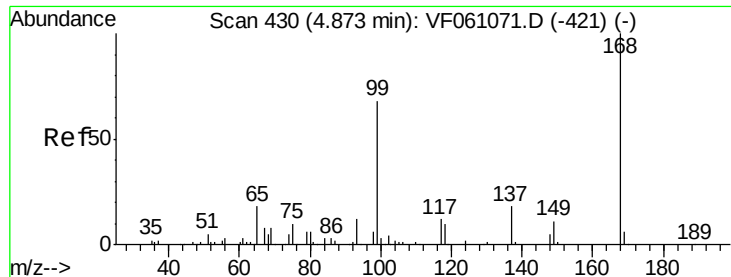
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

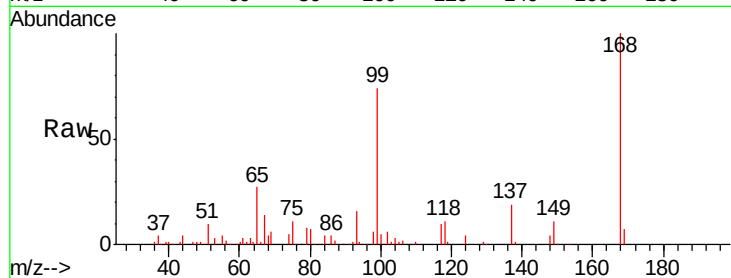
SSSI-1218-S-DH-9-TRE

Tgt Ion:168 Resp: 93162

Ion Ratio Lower Upper

168 100

99 74.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

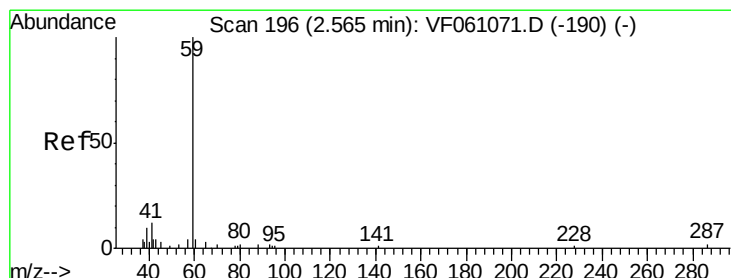
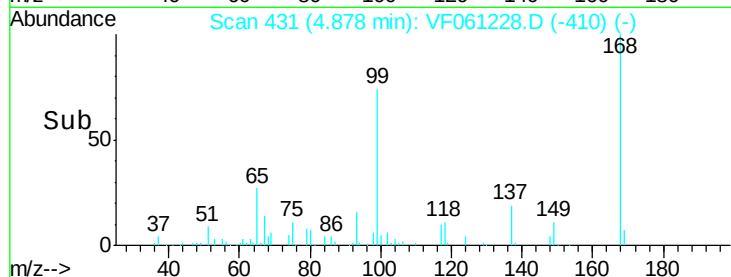
30000

20000

10000

0

Time--> 4.70 4.80 4.90 5.00



#11

Tert butyl alcohol

Concen: 17.889 ug/l

RT: 2.57 min Scan# 197

Delta R.T. 0.00 min

Lab File: VF061228.D

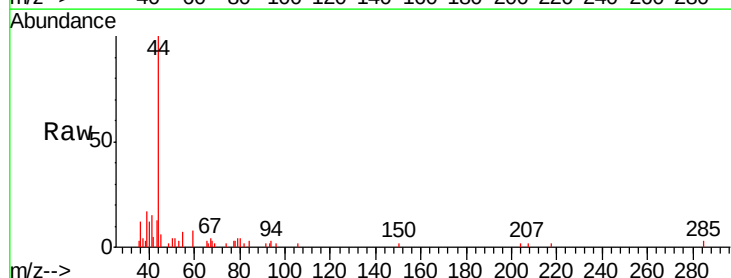
Acq: 28 Dec 2018 11:29

Tgt Ion: 59 Resp: 865

Ion Ratio Lower Upper

59 100

57 0.0 11.5 17.3#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.57

400

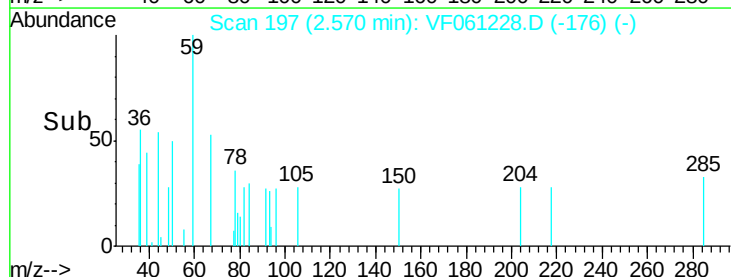
300

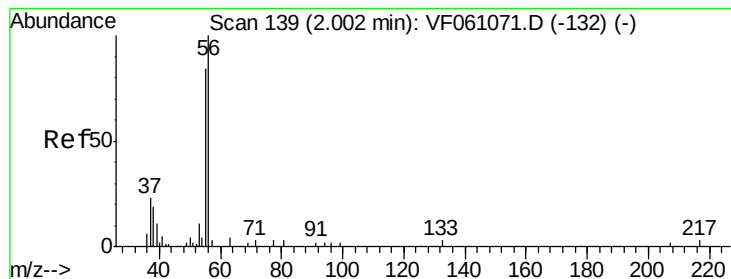
200

100

0

Time--> 2.55 2.60





#13

Acrolein

Concen: 22.897 ug/l

RT: 2.12 min Scan# 151

Delta R.T. 0.11 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

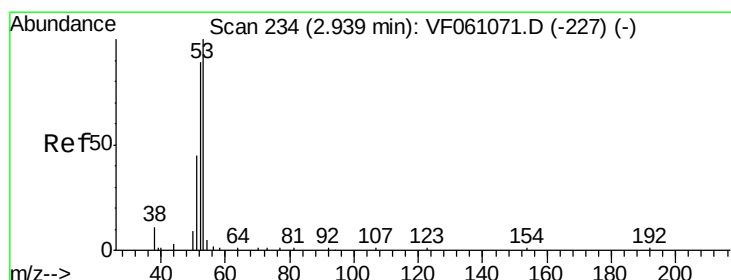
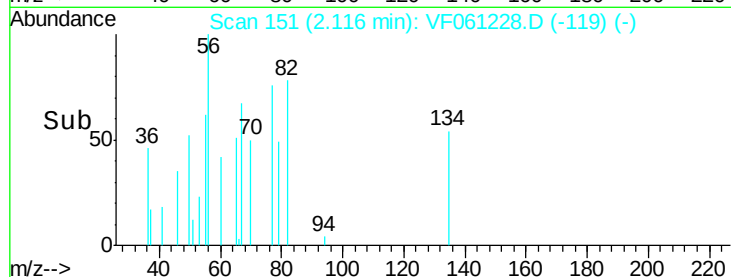
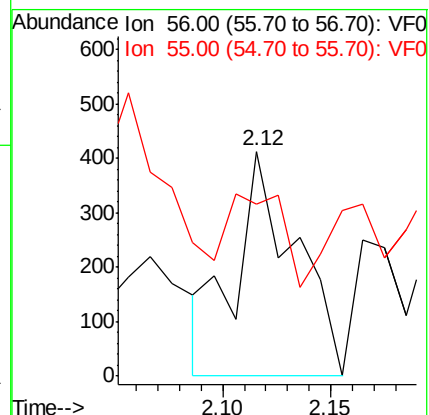
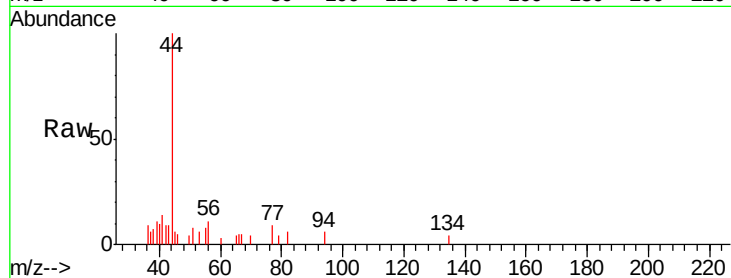
SSSI-1218-S-DH-9-TRE

Tgt Ion: 56 Resp: 800

Ion Ratio Lower Upper

56 100

55 76.3 70.2 105.2



#15

Acrylonitrile

Concen: 12.897 ug/l

RT: 2.97 min Scan# 238

Delta R.T. 0.03 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

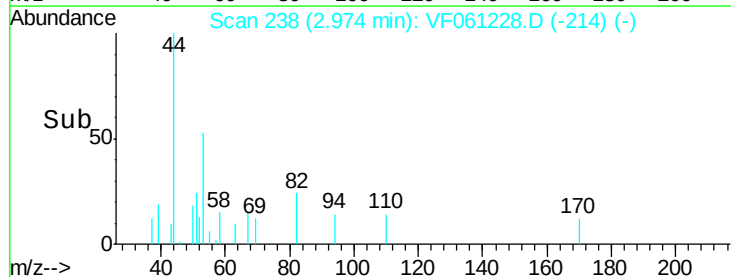
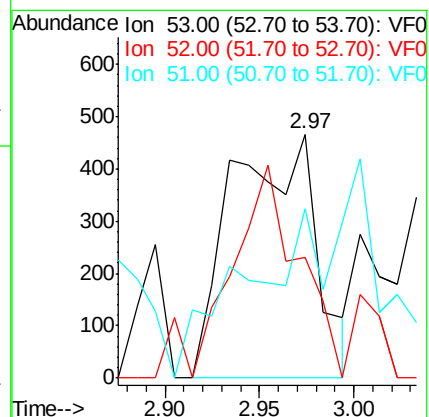
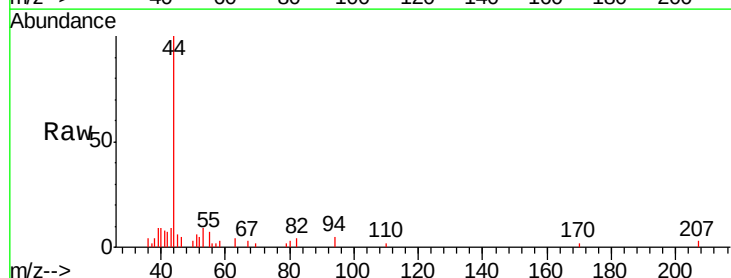
Tgt Ion: 53 Resp: 1442

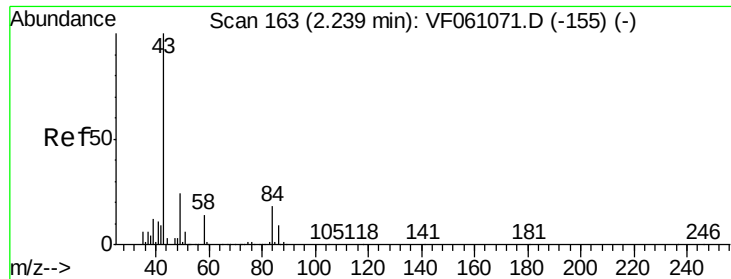
Ion Ratio Lower Upper

53 100

52 49.6 71.3 106.9#

51 69.5 36.8 55.2#

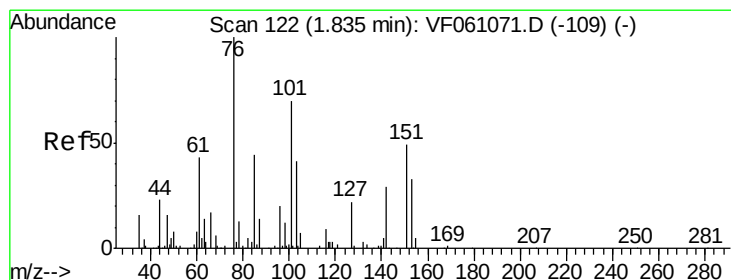
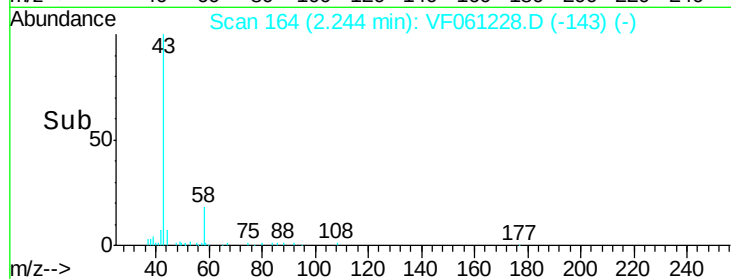
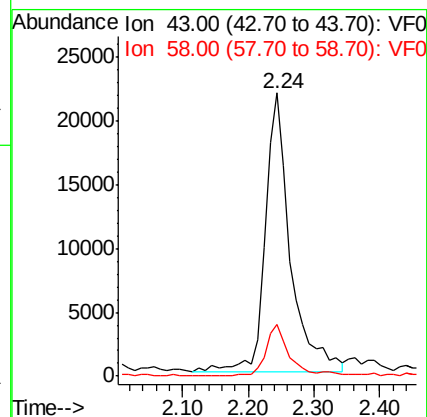
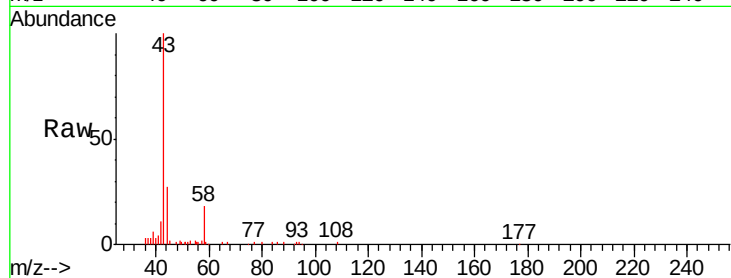




#16
Acetone
Concen: 243.419 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

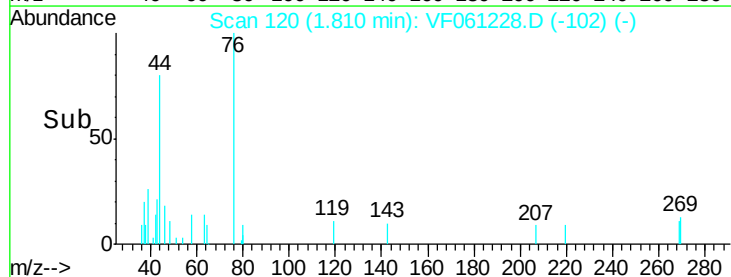
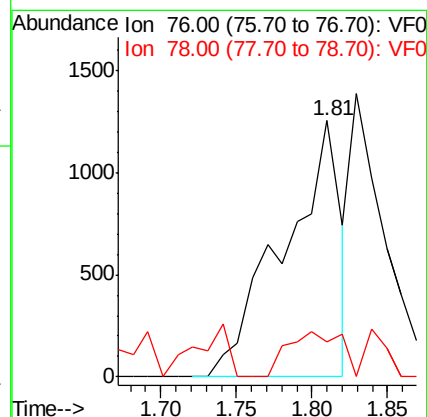
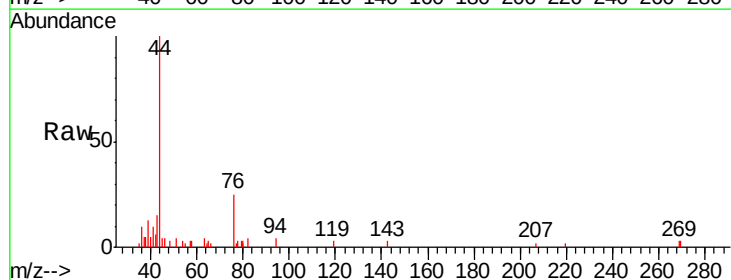
Instrument :
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SSSI-1218-S-DH-9-TRE

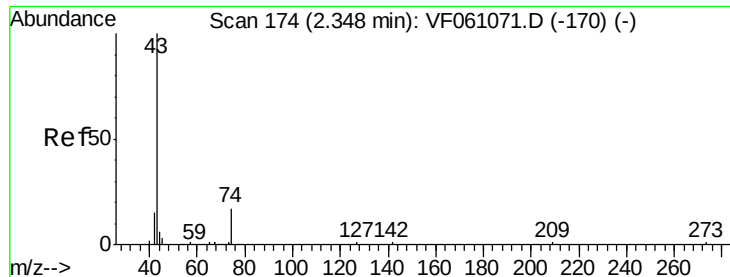
Tgt Ion: 43 Resp: 58308
Ion Ratio Lower Upper
43 100
58 18.2 11.1 16.7#



#17
Carbon Disulfide
Concen: 1.315 ug/l
RT: 1.81 min Scan# 120
Delta R.T. -0.02 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

Tgt Ion: 76 Resp: 3263
Ion Ratio Lower Upper
76 100
78 13.7 10.2 15.4

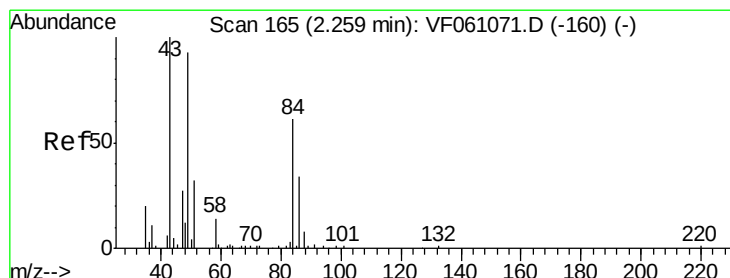
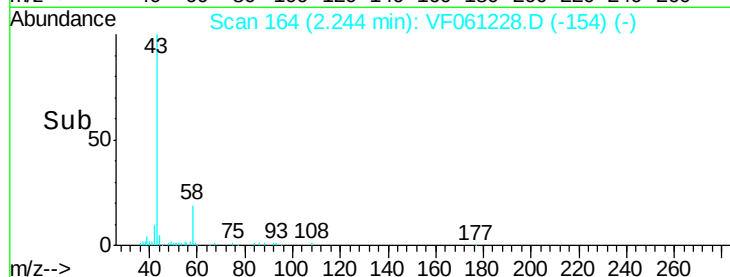
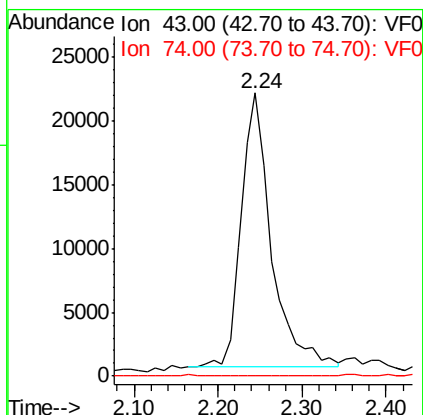
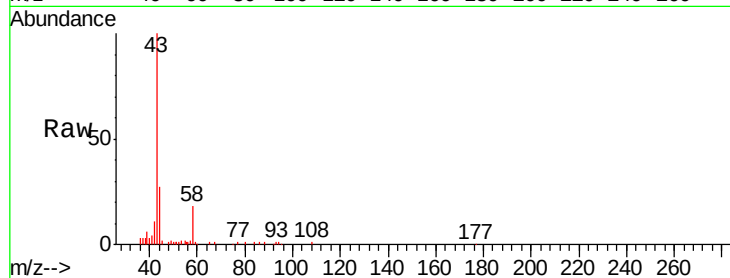




#18
Methyl Acetate
Concen: 107.883 ug/l
RT: 2.24 min Scan# 164
Delta R.T. -0.10 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

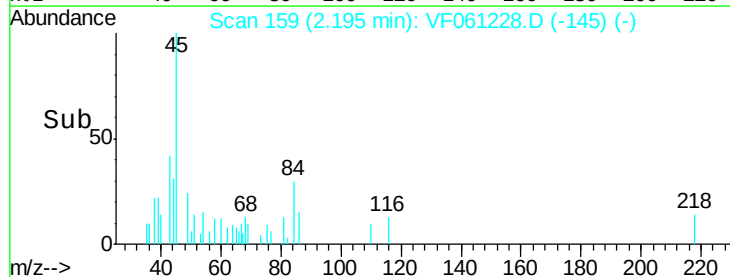
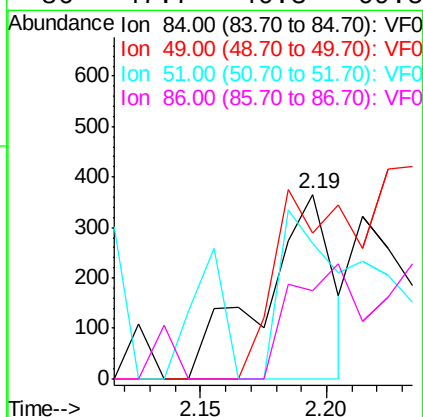
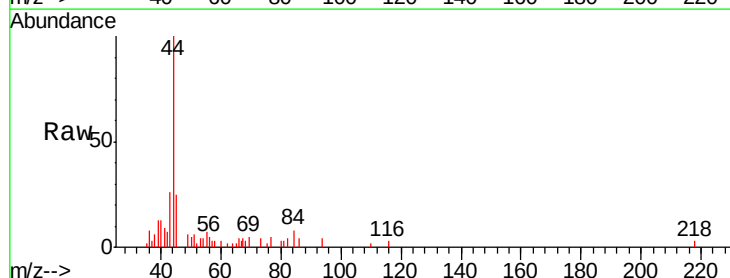
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MSVOA_F
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SSSI-1218-S-DH-9-TRE

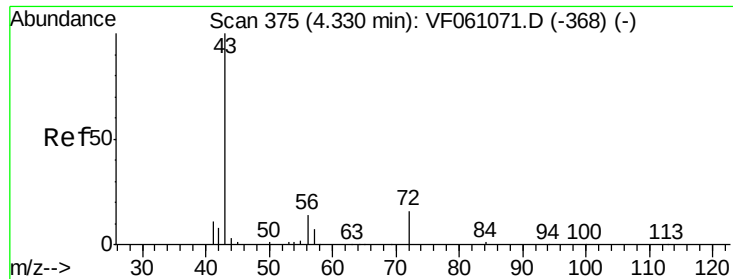
Tgt Ion: 43 Resp: 53465
Ion Ratio Lower Upper
43 100
74 0.0 11.0 16.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.19 min Scan# 159
Delta R.T. -0.06 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

Tgt Ion: 84 Resp: 703
Ion Ratio Lower Upper
84 100
49 78.9 129.4 194.2#
51 73.4 44.0 66.0#
86 47.7 46.3 69.5





#25

2-Butanone

Concen: 43.327 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

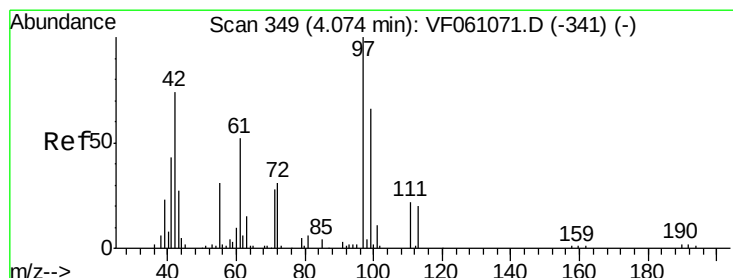
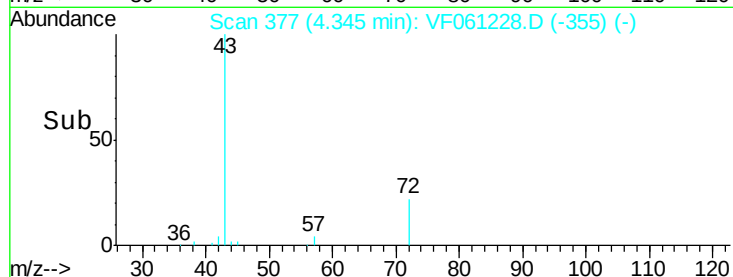
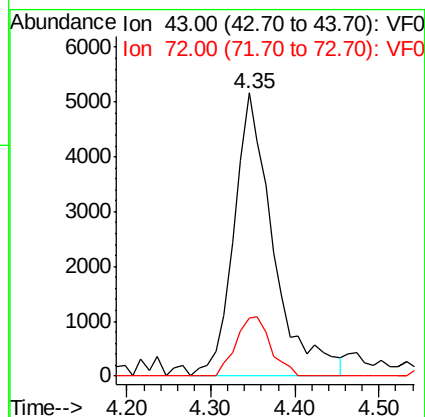
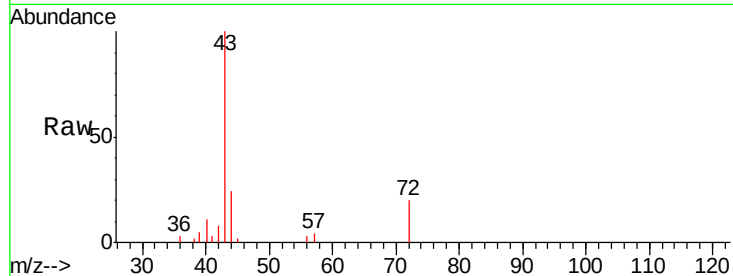
SSSI-1218-S-DH-9-TRE

Tgt Ion: 43 Resp: 16832

Ion Ratio Lower Upper

43 100

72 20.4 15.6 23.4



#29

Tetrahydrofuran

Concen: 11.517 ug/l

RT: 4.09 min Scan# 351

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

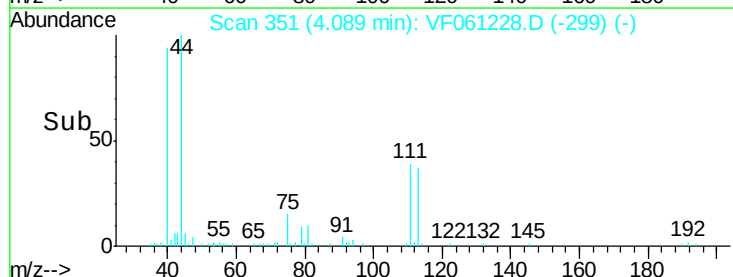
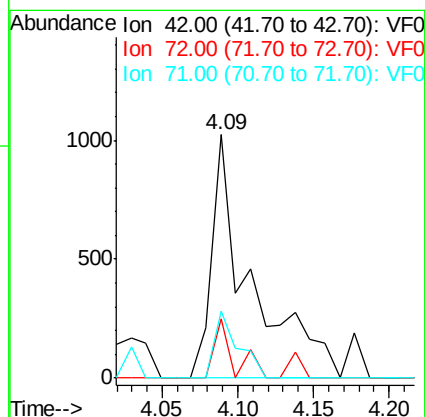
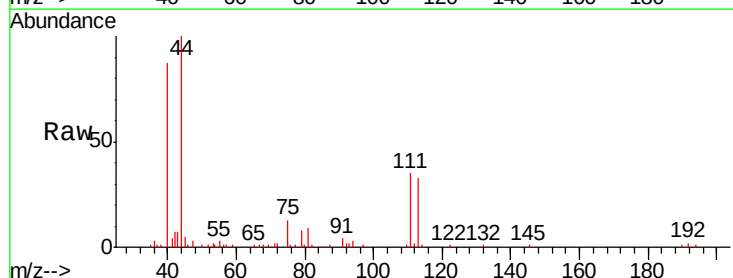
Tgt Ion: 42 Resp: 1821

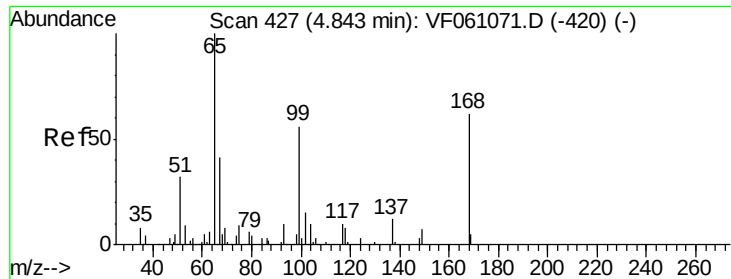
Ion Ratio Lower Upper

42 100

72 11.9 31.8 47.8#

71 16.9 29.7 44.5#

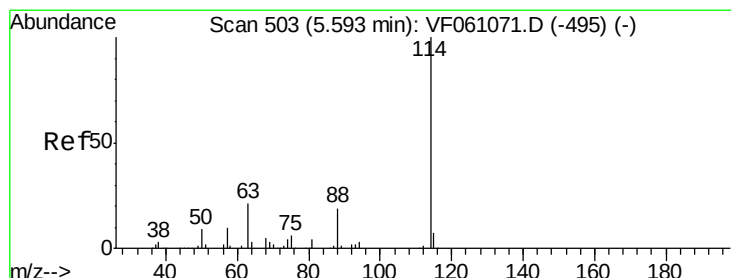
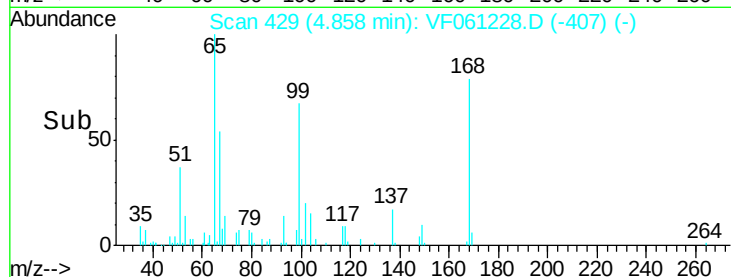
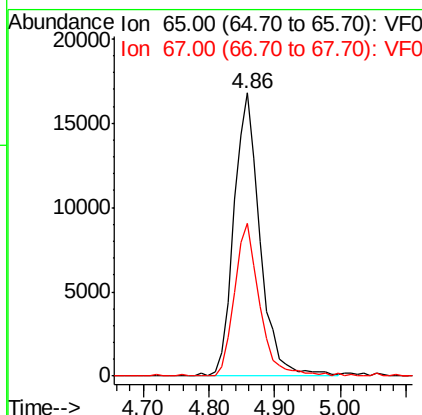
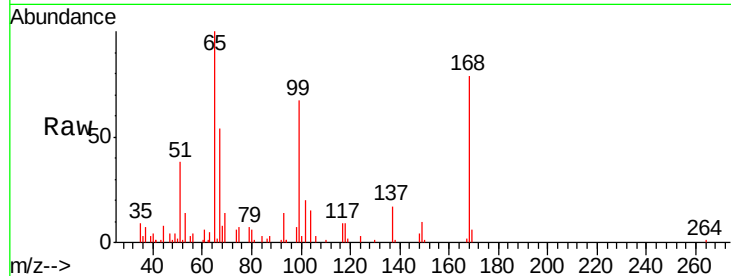




#33
 1,2-Dichloroethane-d4
 Concen: 39.017 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

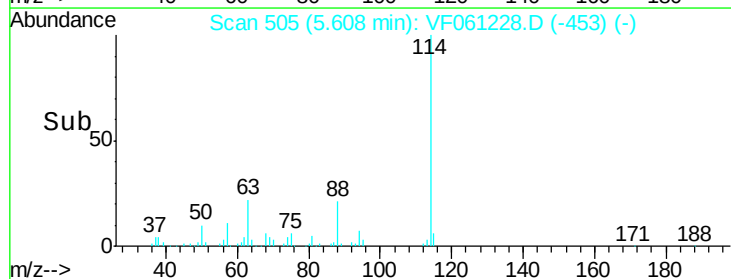
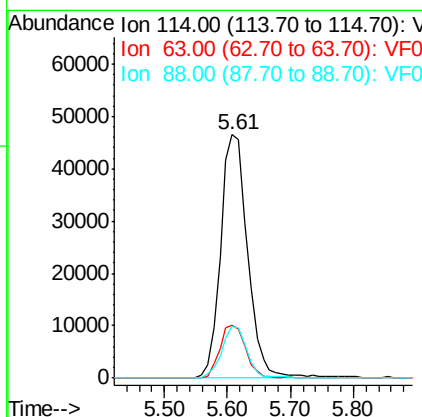
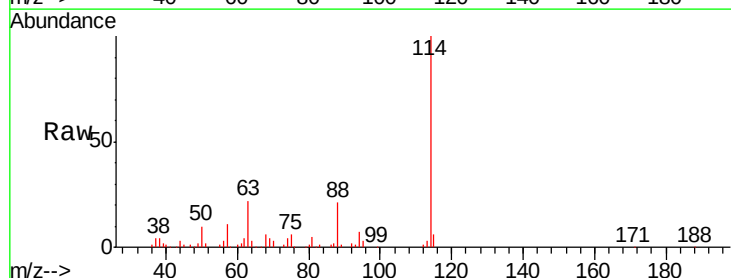
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 SSSI-1218-S-DH-9-TRE

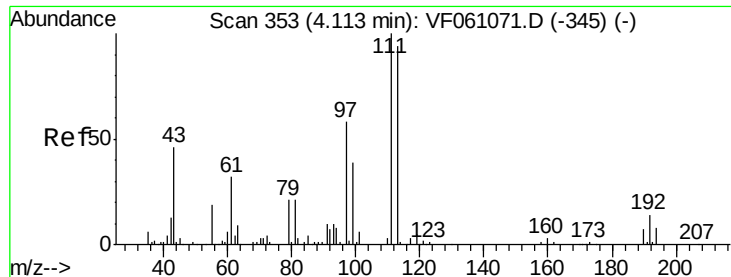
Tgt Ion: 65 Resp: 46751
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

Tgt Ion: 114 Resp: 139142
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.6
 88 21.3 0.0 38.0

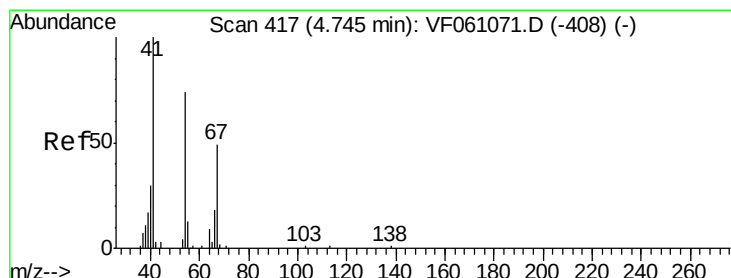
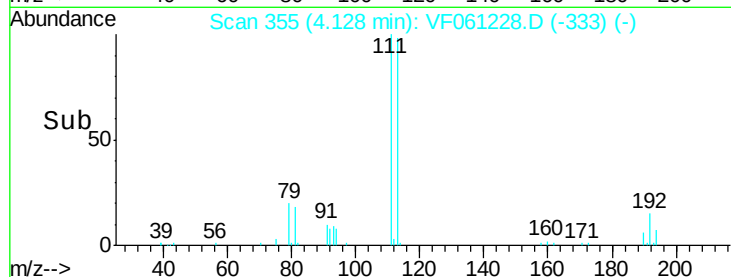
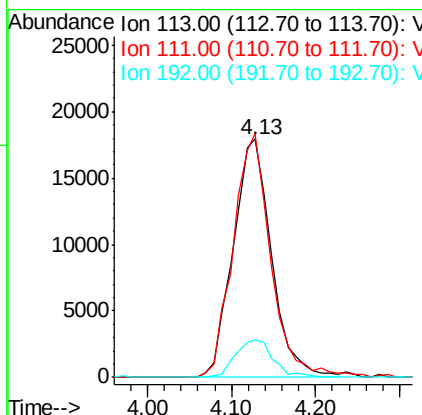
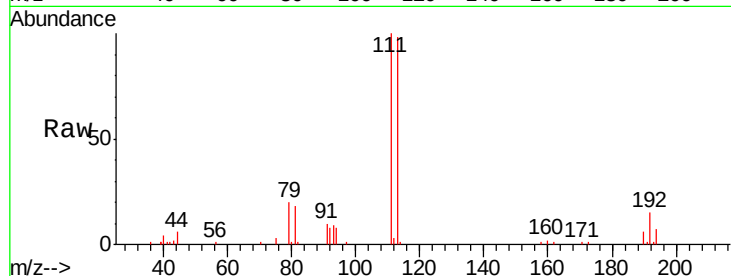




#35
Dibromofluoromethane
Concen: 51.163 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

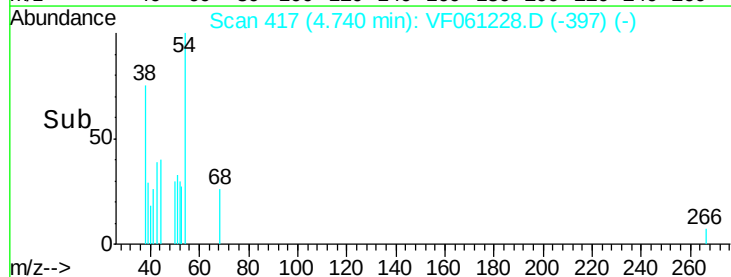
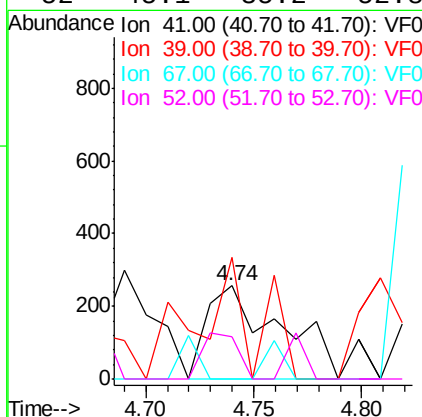
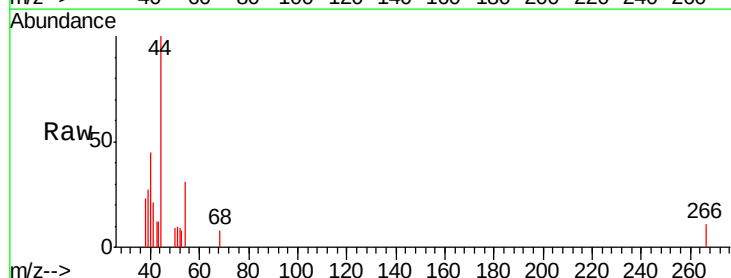
Instrument :
MSVOA_F
ClientSampleId :
SSSI-1218-S-DH-9-TRE

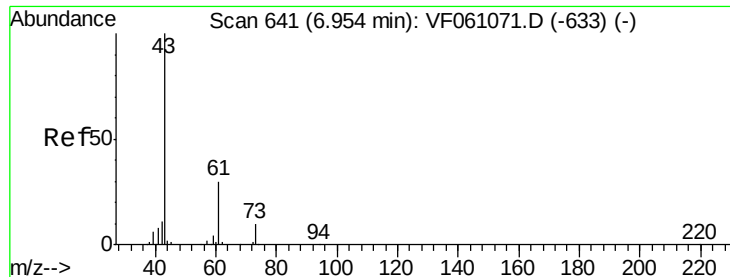
Tgt Ion:113 Resp: 57027
Ion Ratio Lower Upper
113 100
111 102.2 85.2 127.8
192 15.8 12.8 19.2



#41
Methacrylonitrile
Concen: 1.708 ug/l
RT: 4.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

Tgt Ion: 41 Resp: 606
Ion Ratio Lower Upper
41 100
39 130.7 45.7 68.5#
67 0.0 38.9 58.3#
52 45.1 35.2 52.8





#43

Isopropyl Acetate

Concen: 1.591 ug/l

RT: 6.97 min Scan# 643

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

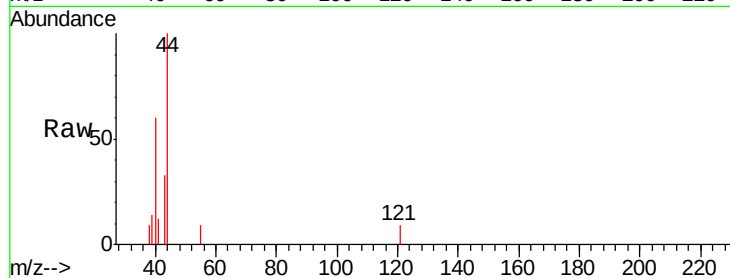
Tgt Ion: 43 Resp: 1290

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

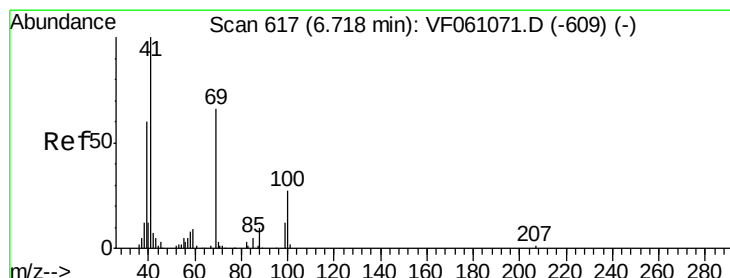
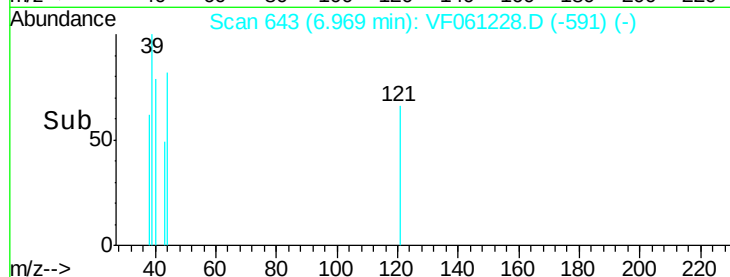
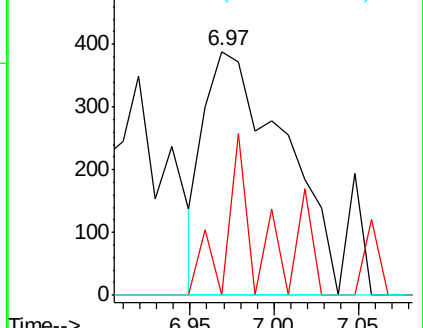
87 0.0 0.0 0.0



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



#48

Methyl methacrylate

Concen: 1.337 ug/l

RT: 6.73 min Scan# 619

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

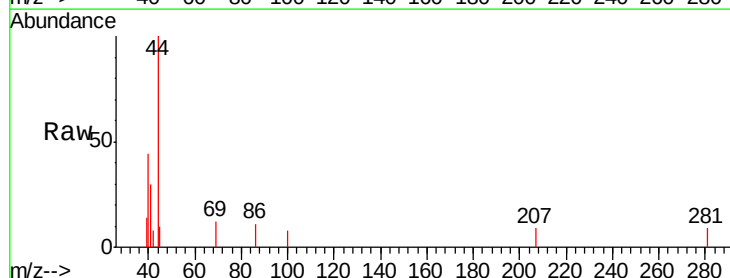
Tgt Ion: 41 Resp: 757

Ion Ratio Lower Upper

41 100

69 41.2 52.7 79.1#

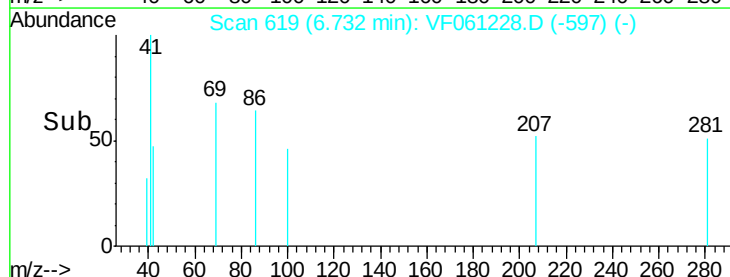
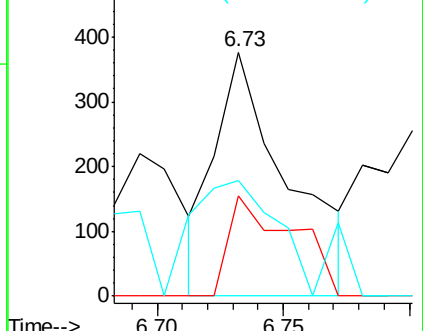
39 47.6 47.8 71.6#

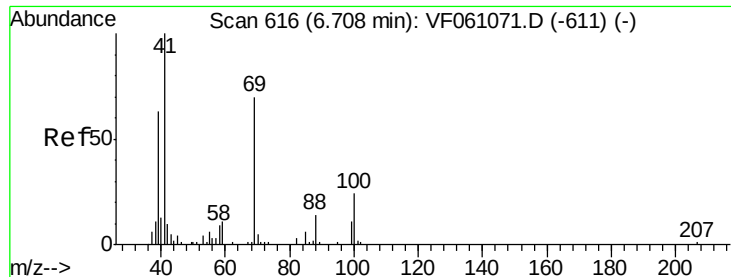


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

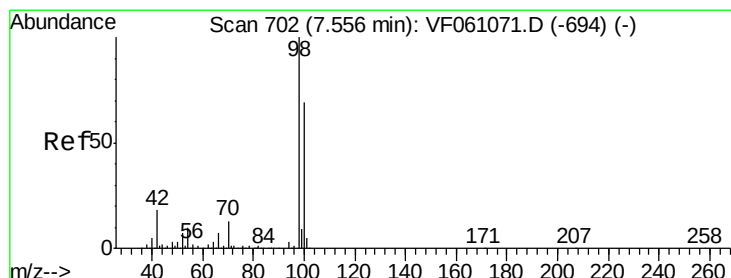
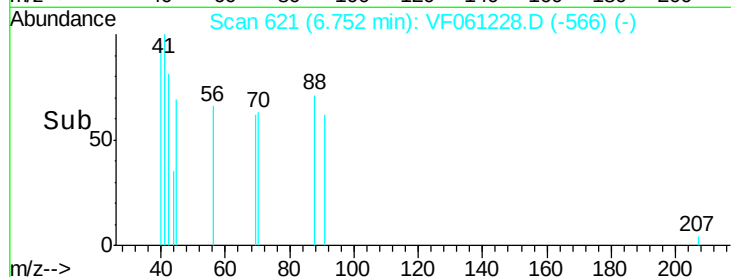
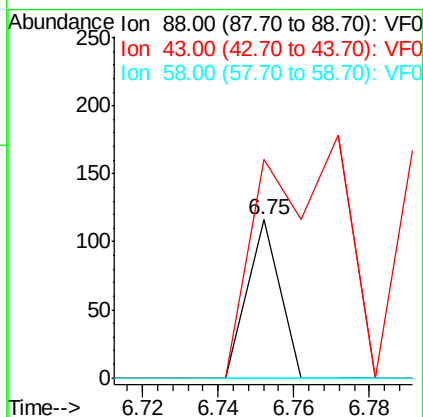
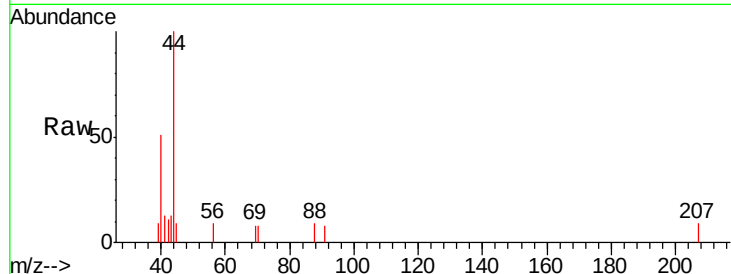




#49
1,4-Dioxane
Concen: 16.797 ug/l
RT: 6.75 min Scan# 621
Delta R.T. 0.04 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

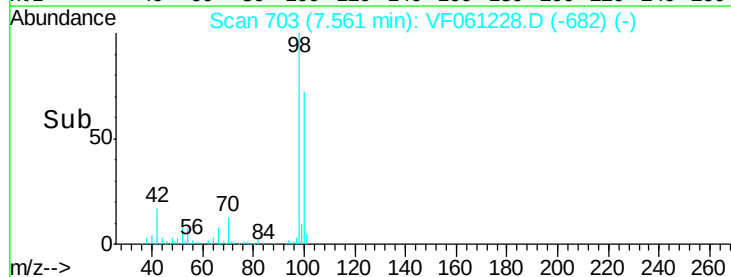
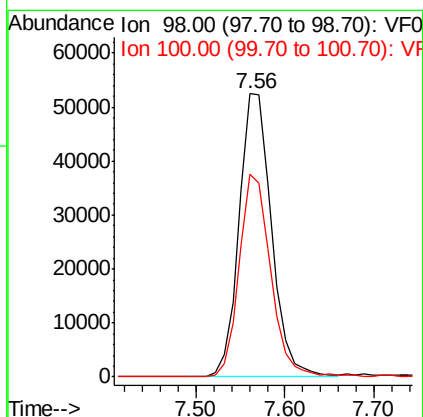
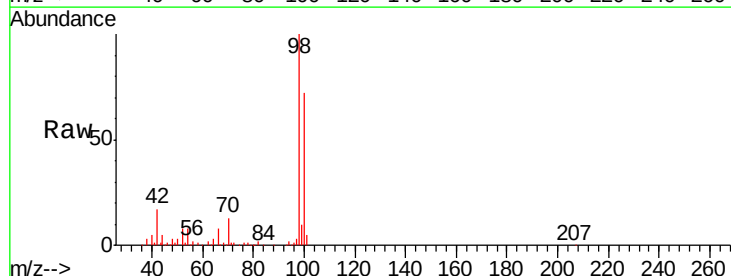
Instrument :
MSVOA_F
ClientSampleId :
SSSI-1218-S-DH-9-TRE

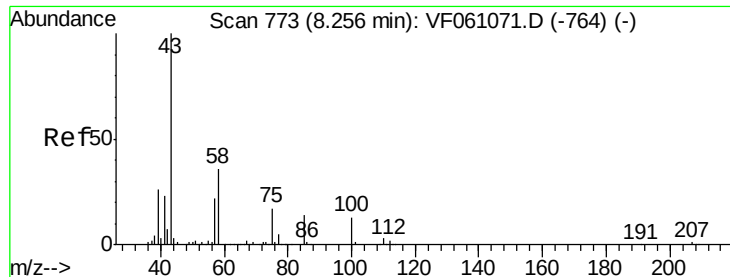
Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 138.8 33.3 49.9#
58 0.0 53.2 79.8#



#50
Toluene-d8
Concen: 41.946 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

Tgt Ion: 98 Resp: 132492
Ion Ratio Lower Upper
98 100
100 71.6 55.3 82.9

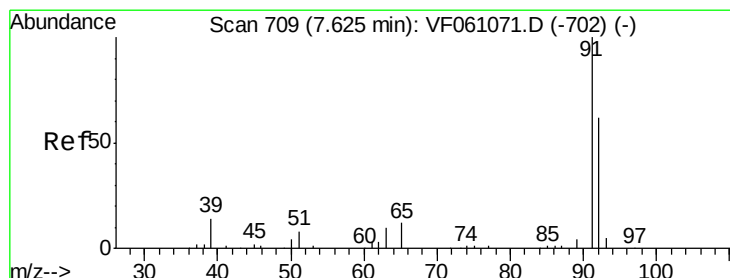
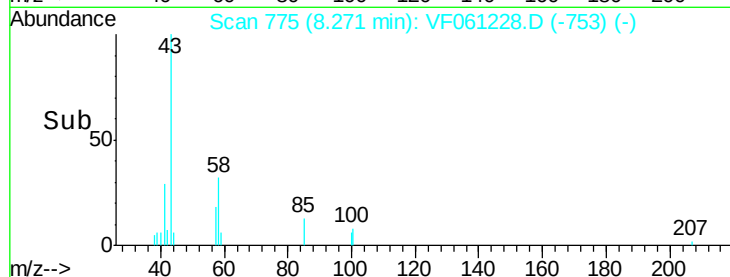
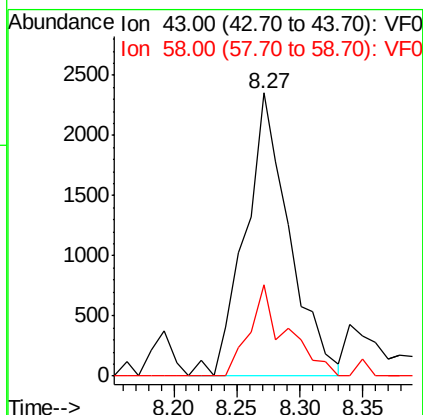
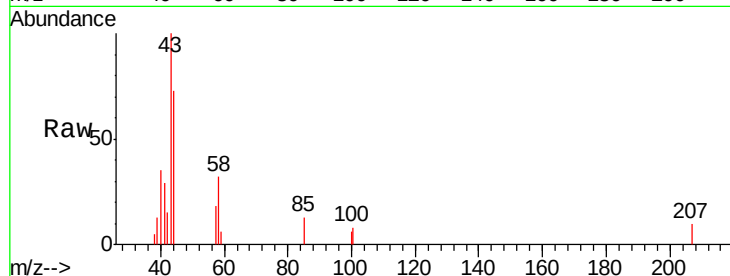




#51
 4-Methyl-2-Pentanone
 Concen: 10.306 ug/l
 RT: 8.27 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

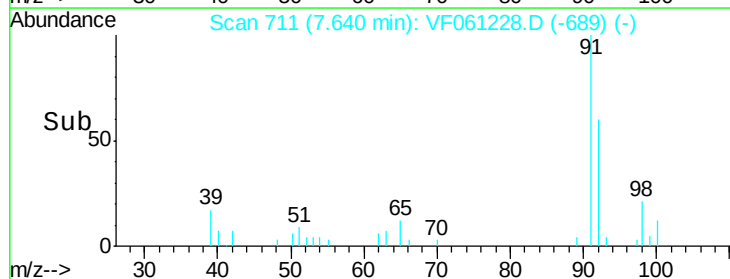
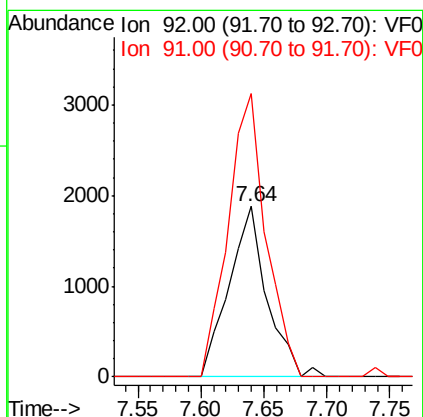
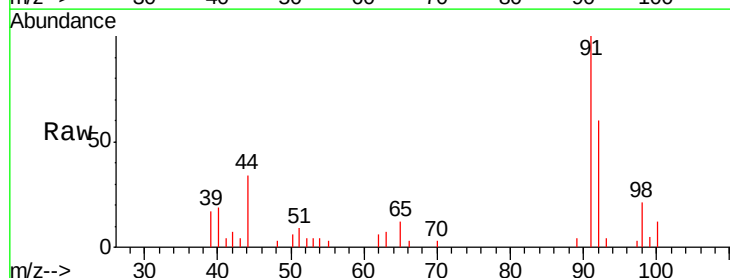
Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-1218-S-DH-9-TRE

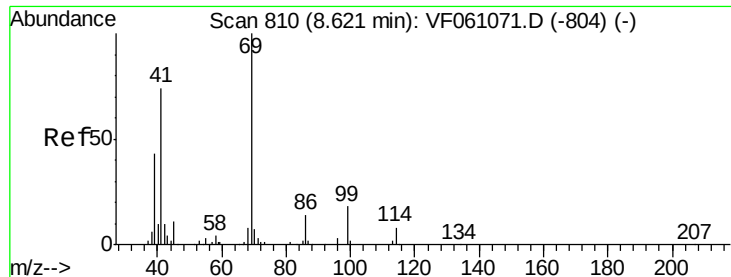
Tgt Ion: 43 Resp: 5732
 Ion Ratio Lower Upper
 43 100
 58 32.1 29.1 43.7



#52
 Toluene
 Concen: 1.634 ug/l
 RT: 7.64 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

Tgt Ion: 92 Resp: 3906
 Ion Ratio Lower Upper
 92 100
 91 166.2 128.8 193.2





#56

Ethyl methacrylate

Concen: 1.274 ug/l

RT: 8.63 min Scan# 811

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

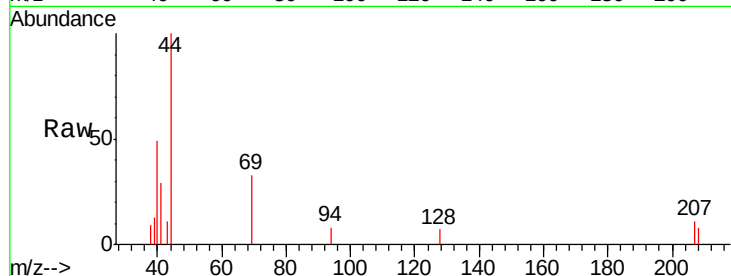
Tgt Ion: 69 Resp: 988

Ion Ratio Lower Upper

69 100

41 87.7 59.7 89.5

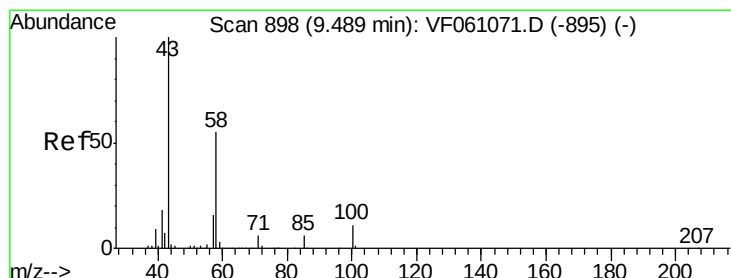
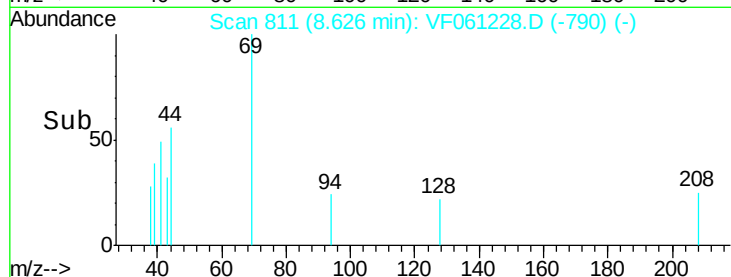
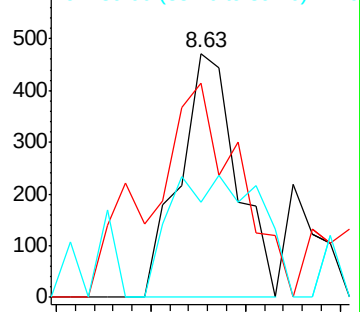
39 38.9 35.0 52.6



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



#59

2-Hexanone

Concen: 16.486 ug/l

RT: 9.51 min Scan# 901

Delta R.T. 0.02 min

Lab File: VF061228.D

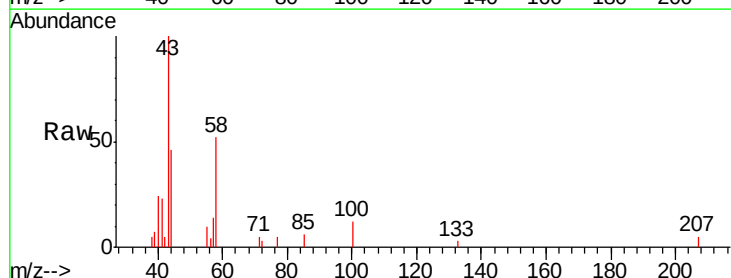
Acq: 28 Dec 2018 11:29

Tgt Ion: 43 Resp: 6631

Ion Ratio Lower Upper

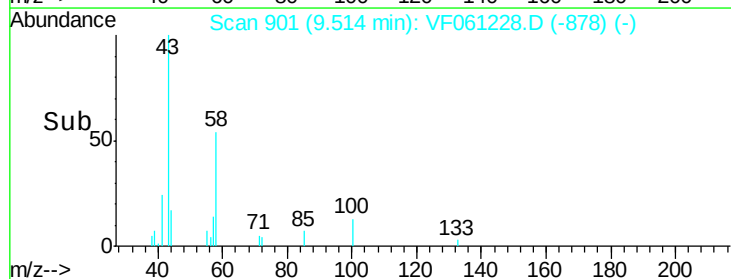
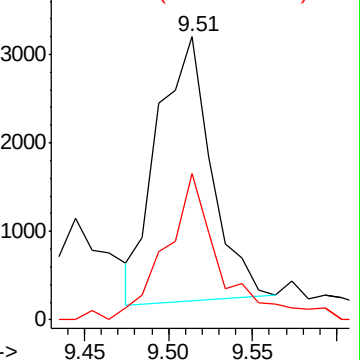
43 100

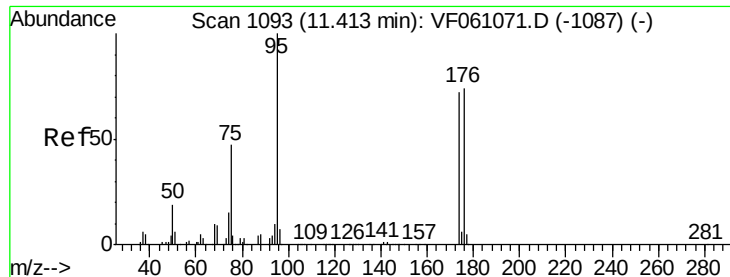
58 51.8 25.1 75.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#62

4-Bromofluorobenzene

Concen: 27.443 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

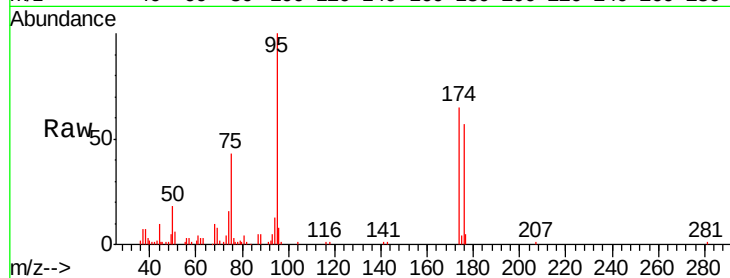
Tgt Ion: 95 Resp: 39962

Ion Ratio Lower Upper

95 100

174 64.7 0.0 143.8

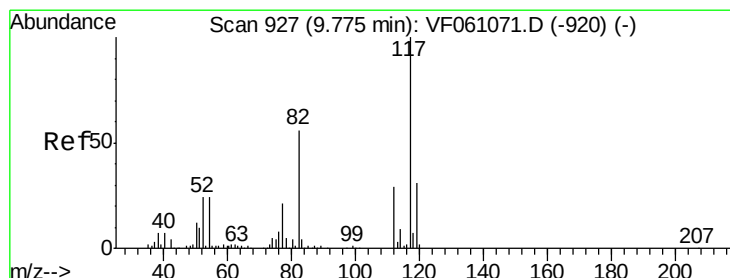
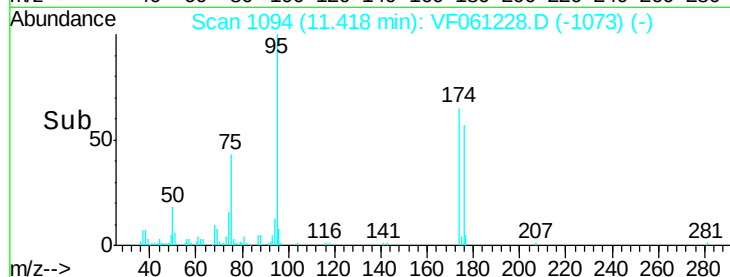
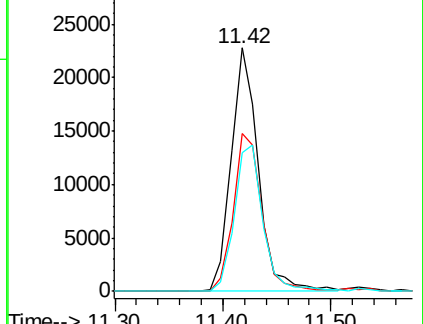
176 57.2 0.0 147.6



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: VF061228.D

Acq: 28 Dec 2018 11:29

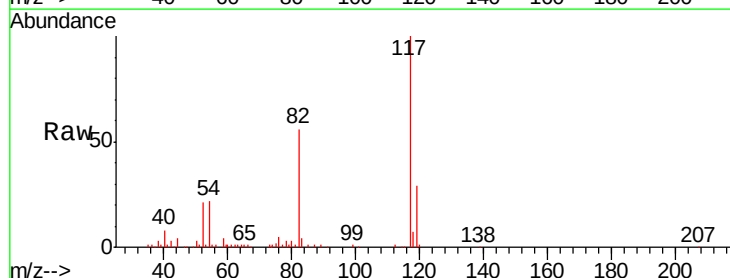
Tgt Ion: 117 Resp: 96076

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

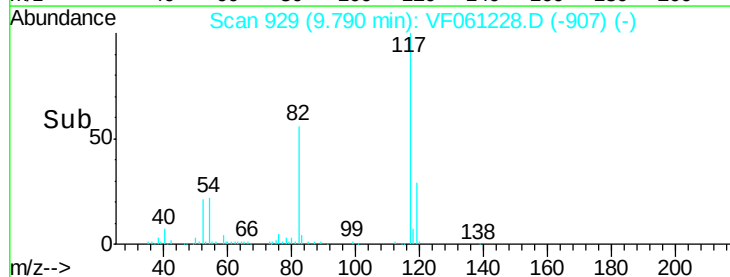
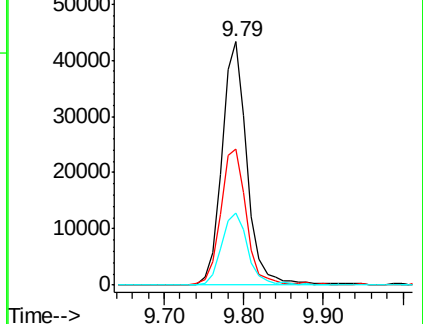
119 29.5 24.8 37.2

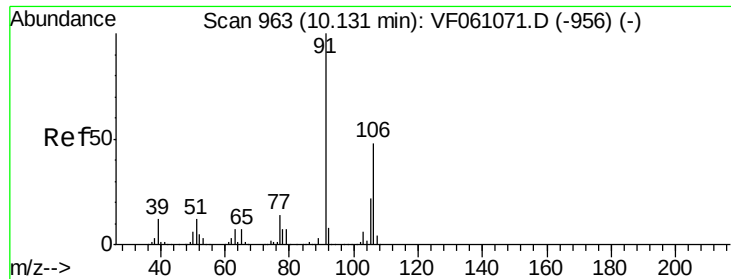


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

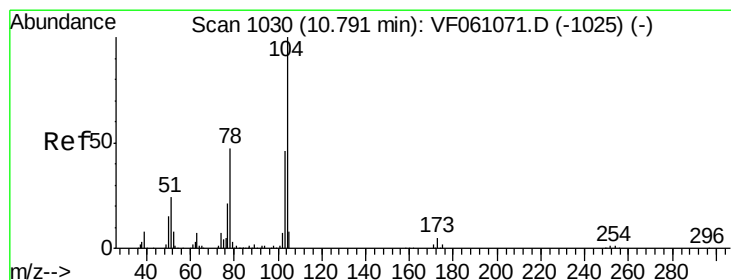
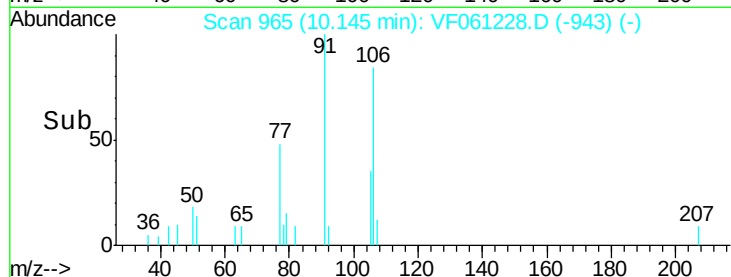
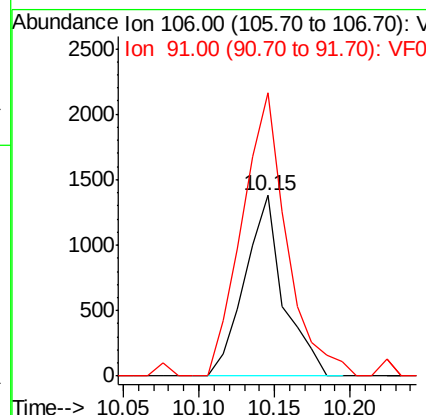
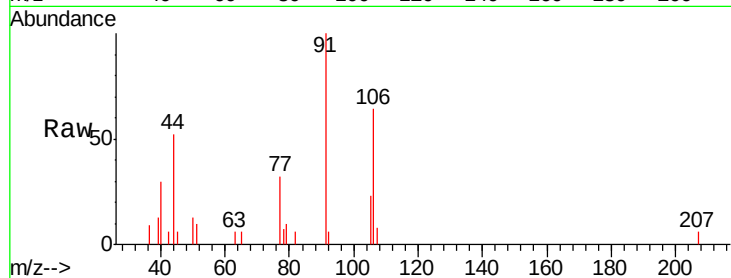




#68
m/p-Xylenes
Concen: 1.947 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

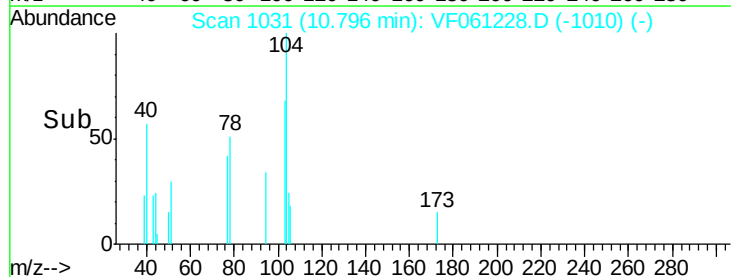
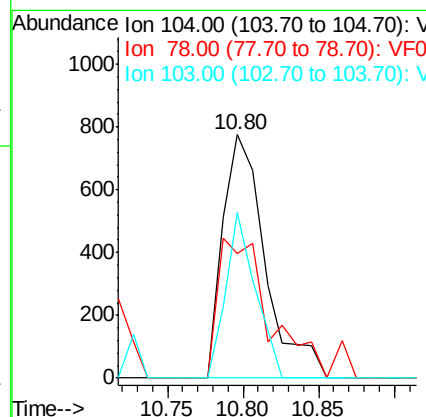
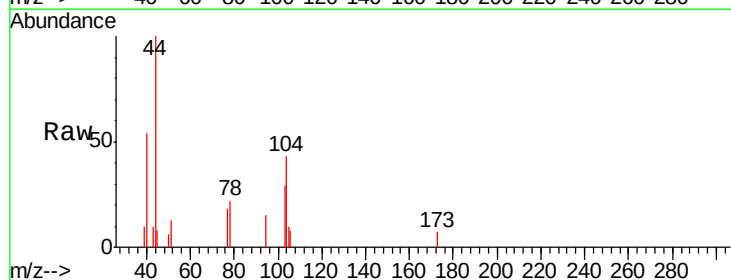
Instrument :
MSVOA_F
ClientSampleId :
SSSI-1218-S-DH-9-TRE

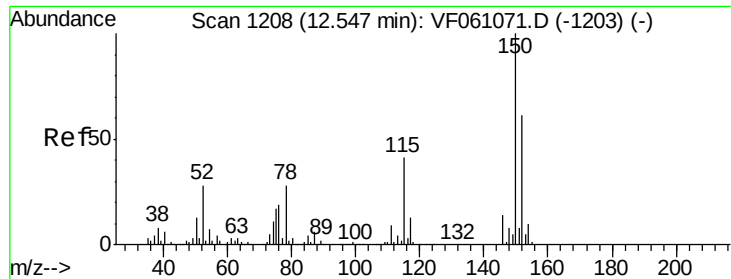
Tgt Ion:106 Resp: 2477
Ion Ratio Lower Upper
106 100
91 156.6 168.2 252.2#



#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061228.D
Acq: 28 Dec 2018 11:29

Tgt Ion:104 Resp: 1523
Ion Ratio Lower Upper
104 100
78 51.2 38.4 57.6
103 68.0 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: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

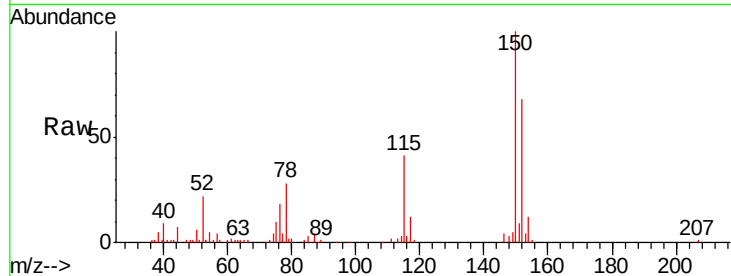
Tgt Ion: 152 Resp: 27126

Ion Ratio Lower Upper

152 100

115 60.2 33.3 99.9

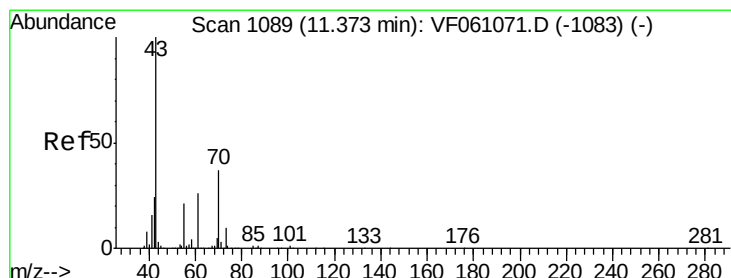
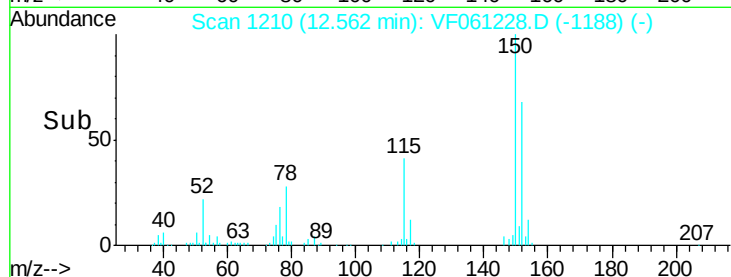
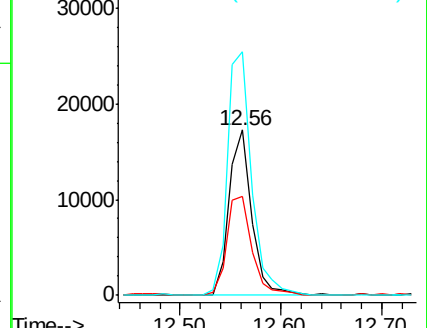
150 147.3 0.0 328.2



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



#74

N-ethyl acetate

Concen: 15.286 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Tgt Ion: 43 Resp: 7933

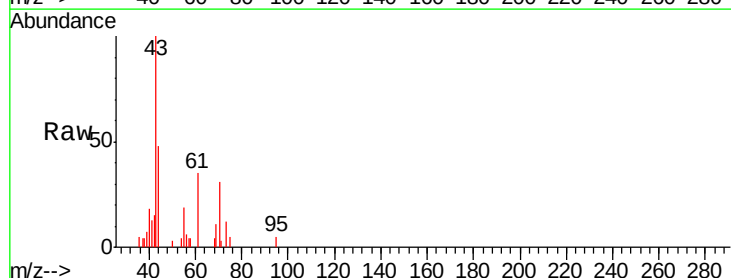
Ion Ratio Lower Upper

43 100

70 30.9 29.2 43.8

55 18.9 16.5 24.7

61 35.1 20.7 31.1#

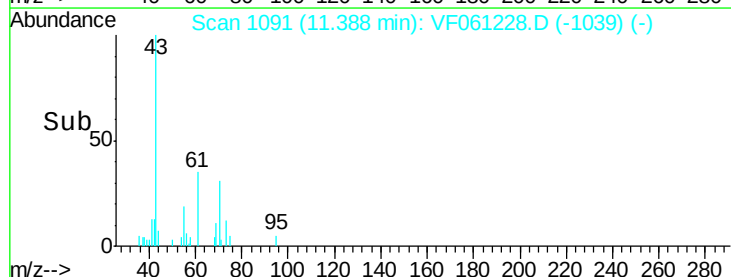
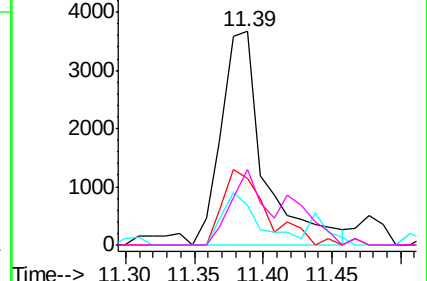


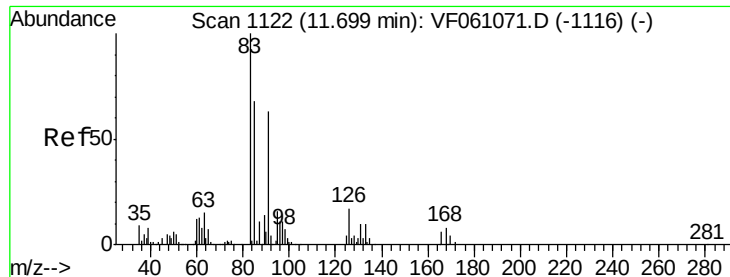
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.286 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

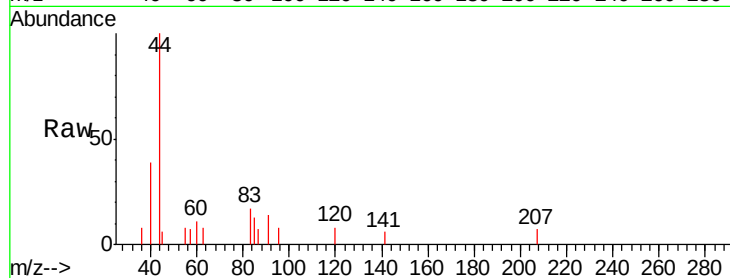
Tgt Ion: 83 Resp: 499

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

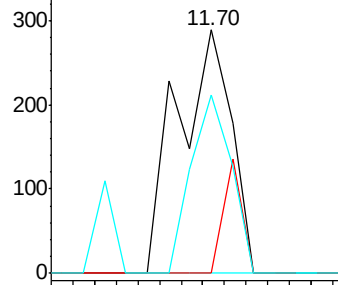
85 73.4 33.9 101.6



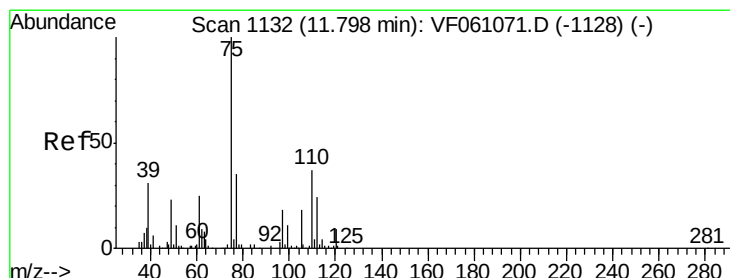
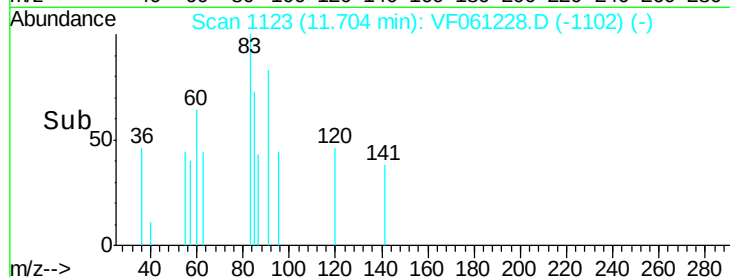
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



Time-->



#76

1,2,3-Trichloropropane

Concen: 1.832 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF061228.D

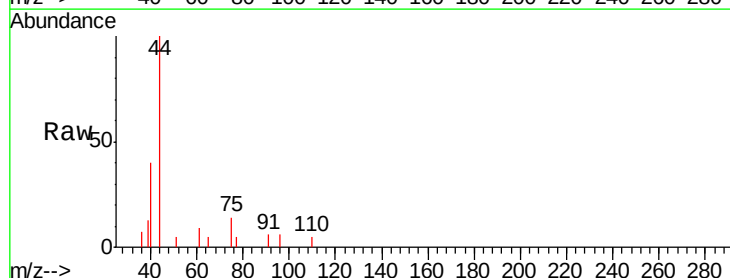
Acq: 28 Dec 2018 11:29

Tgt Ion: 75 Resp: 529

Ion Ratio Lower Upper

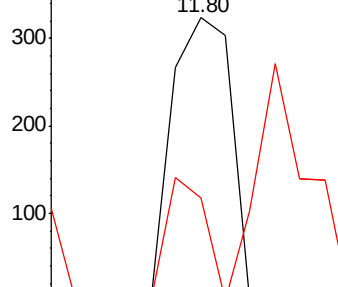
75 100

77 36.2 17.6 52.9

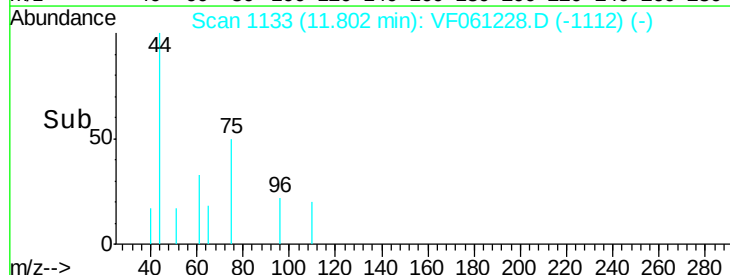


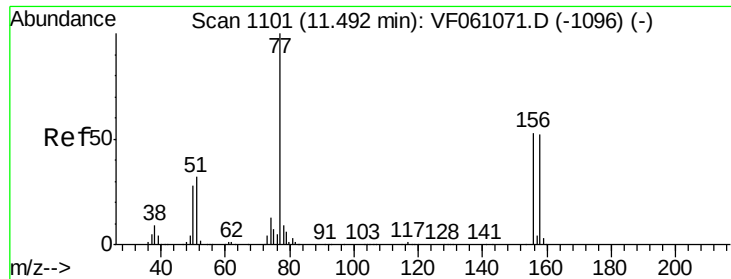
Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->





#77

Bromobenzene

Concen: 1.473 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

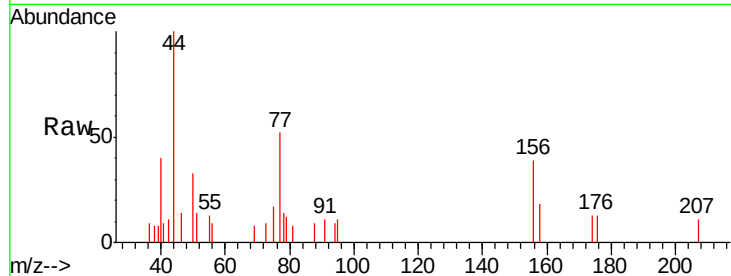
Tgt Ion: 156 Resp: 741

Ion Ratio Lower Upper

156 100

77 133.1 93.8 281.4

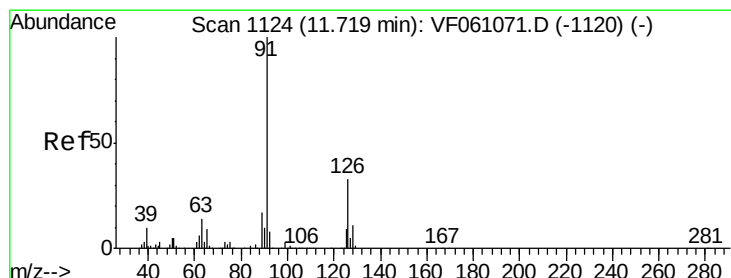
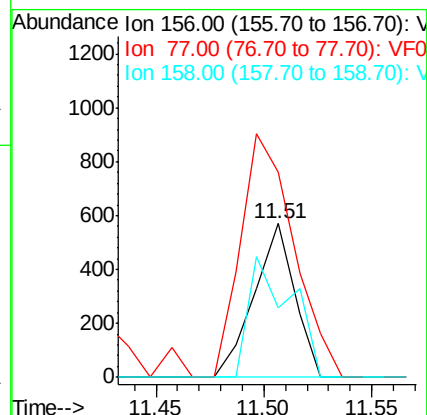
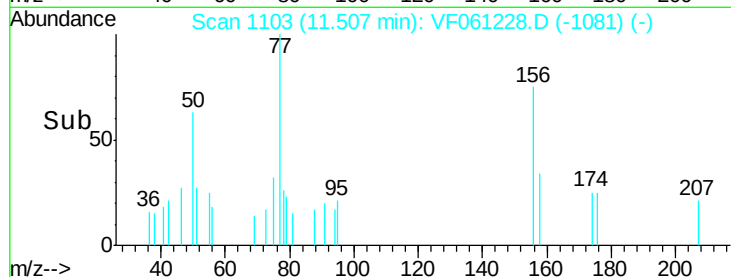
158 45.5 48.9 146.8#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#79

2-Chlorotoluene

Concen: 1.522 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VF061228.D

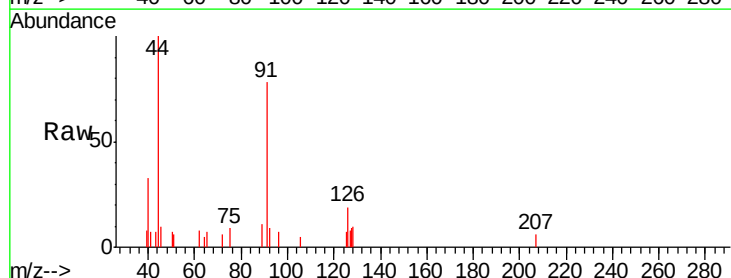
Acq: 28 Dec 2018 11:29

Tgt Ion: 91 Resp: 2440

Ion Ratio Lower Upper

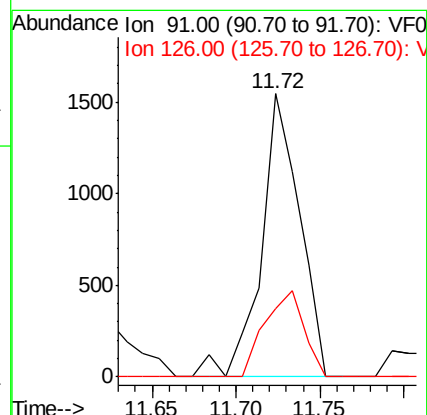
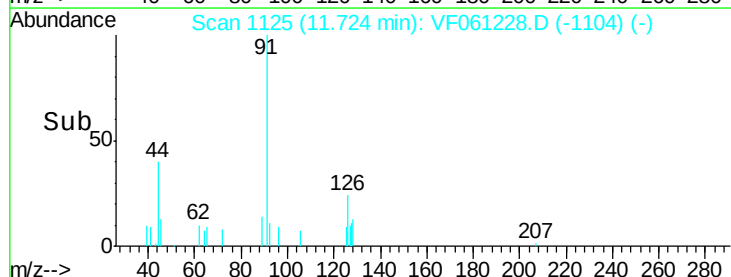
91 100

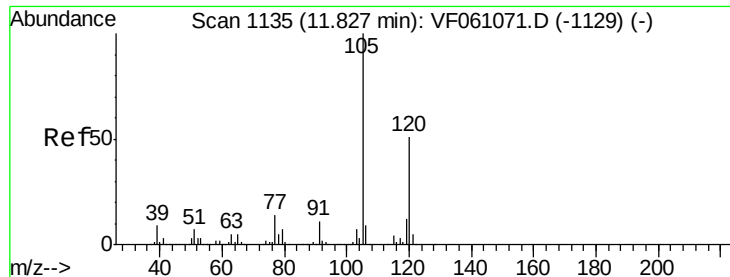
126 24.2 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

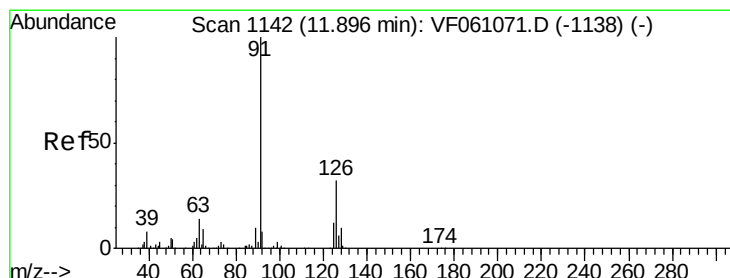
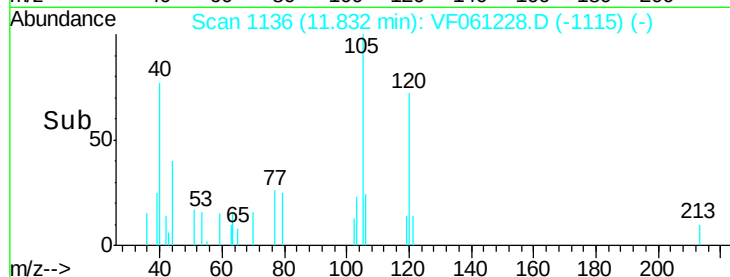
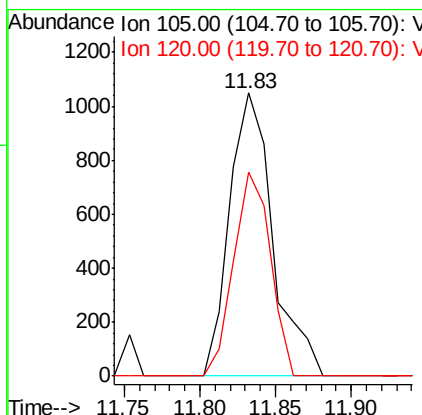
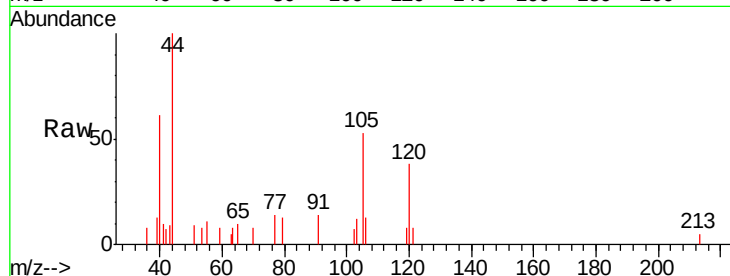




#80
 1,3,5-Trimethylbenzene
 Concen: 1.087 ug/l
 RT: 11.83 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

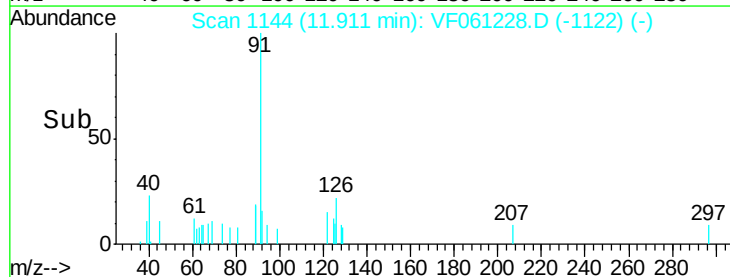
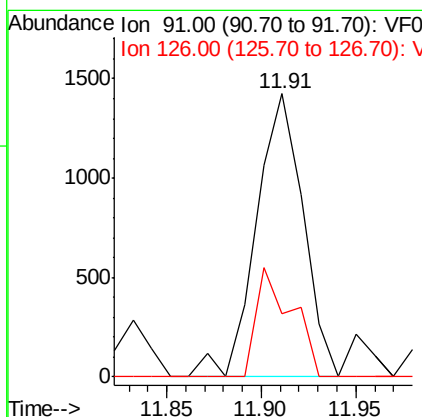
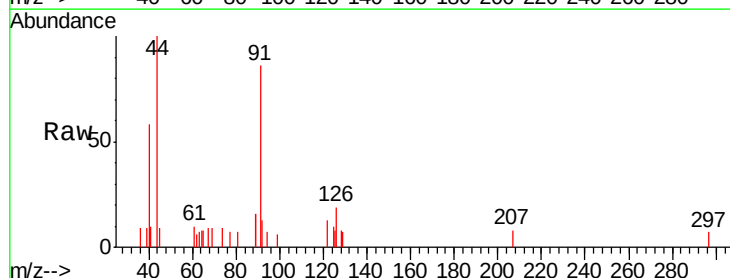
Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-1218-S-DH-9-TRE

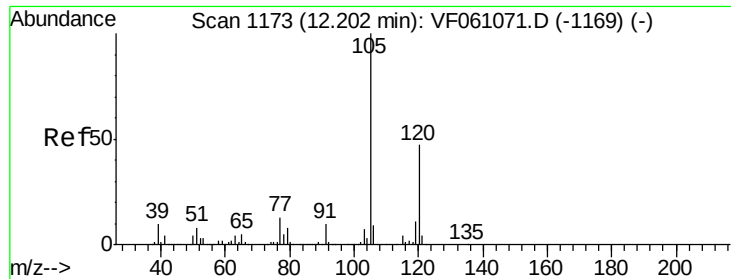
Tgt Ion: 105 Resp: 2092
 Ion Ratio Lower Upper
 105 100
 120 72.0 25.4 76.4



#82
 4-Chlorotoluene
 Concen: 1.480 ug/l
 RT: 11.91 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

Tgt Ion: 91 Resp: 2455
 Ion Ratio Lower Upper
 91 100
 126 22.1 16.0 47.9

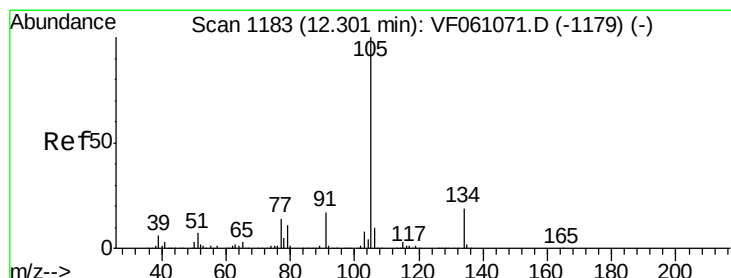
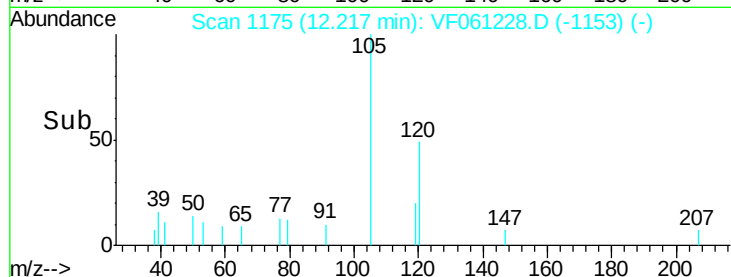
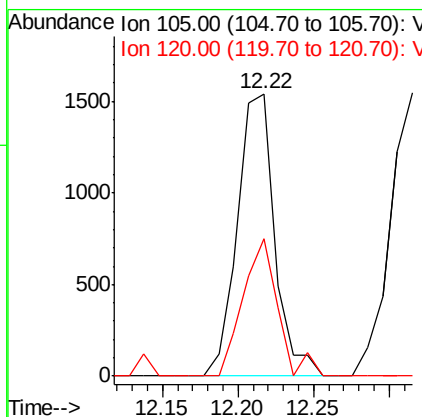
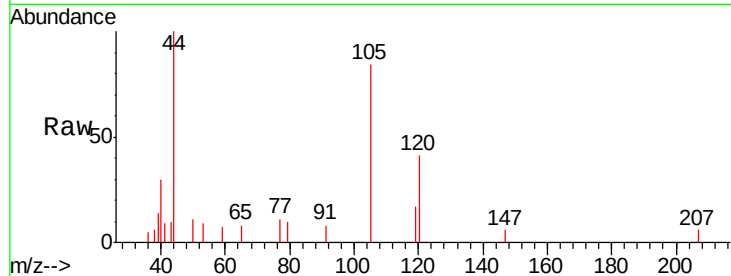




#84
 1,2,4-Trimethylbenzene
 Concen: 1.380 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

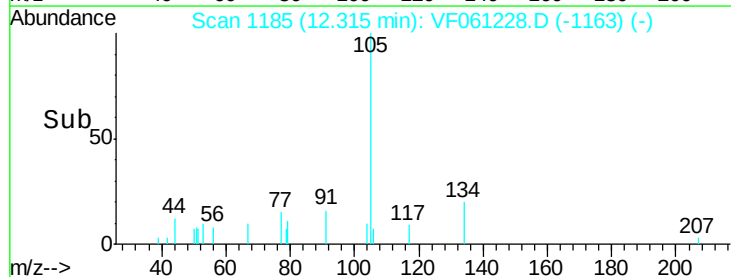
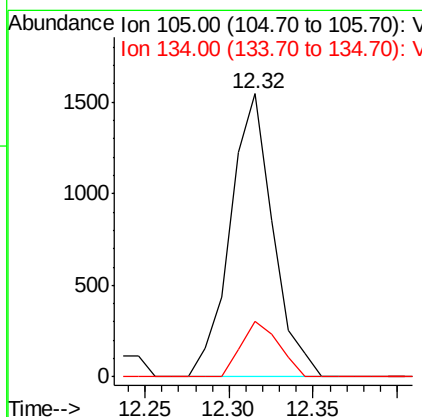
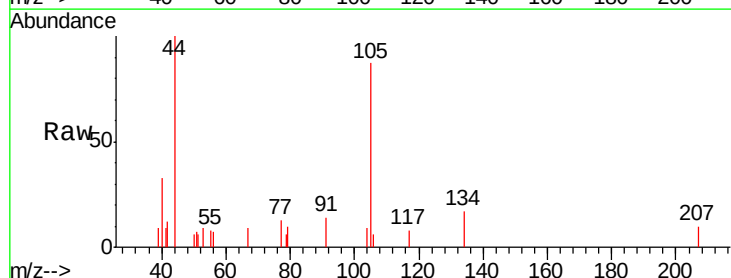
Instrument :
 MSVOA_F
 ClientSampleId :
 SSSI-1218-S-DH-9-TRE

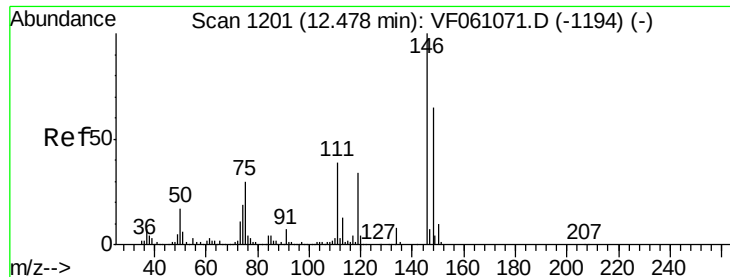
Tgt Ion:105 Resp: 2649
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.6 71.0



#85
 sec-Butylbenzene
 Concen: 1.053 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VF061228.D
 Acq: 28 Dec 2018 11:29

Tgt Ion:105 Resp: 2721
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.4 28.2





#87

1,3-Dichlorobenzene

Concen: Below Cal

RT: 12.48 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

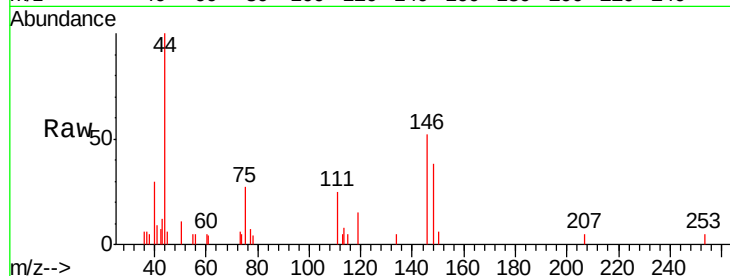
Tgt Ion:146 Resp: 1724

Ion Ratio Lower Upper

146 100

111 49.0 19.3 57.9

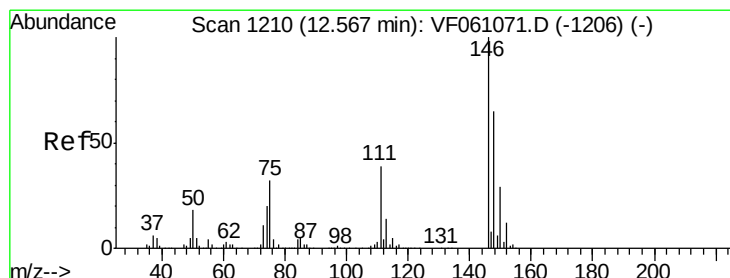
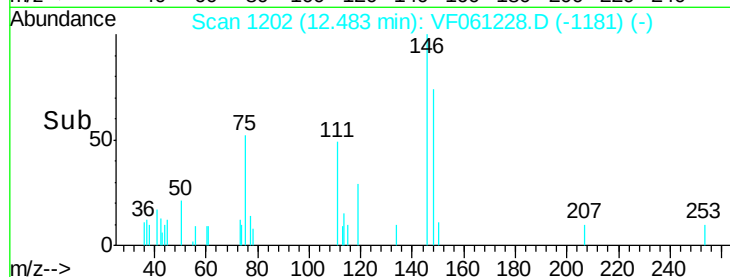
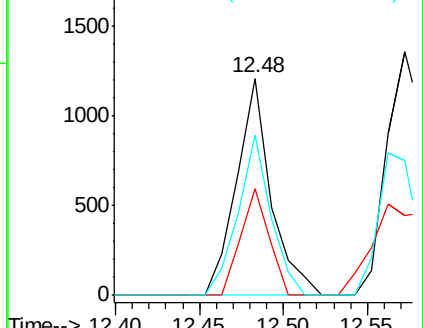
148 73.7 32.4 97.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 2.318 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

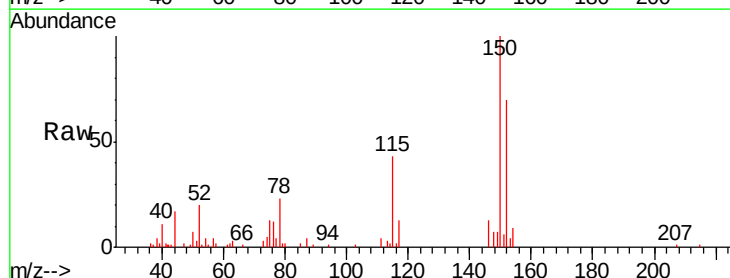
Tgt Ion:146 Resp: 2142

Ion Ratio Lower Upper

146 100

111 32.6 19.4 58.4

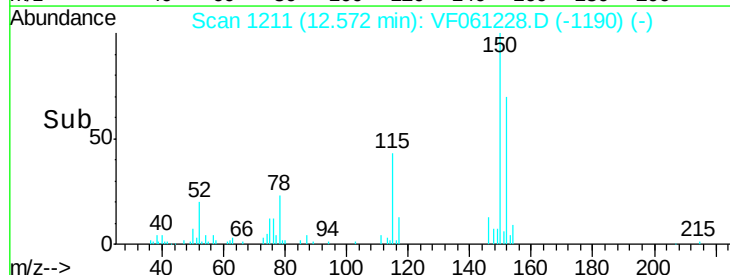
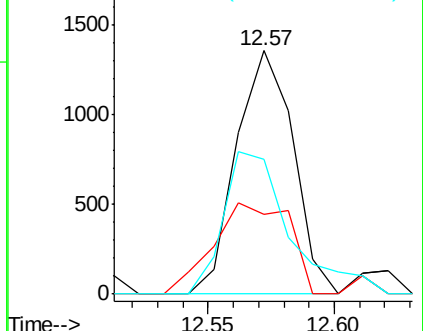
148 55.6 32.4 97.0

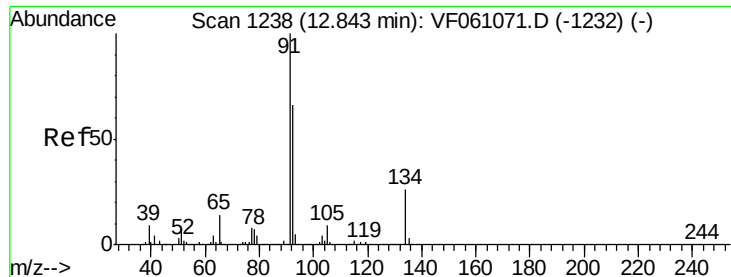


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 1.398 ug/l

RT: 12.85 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

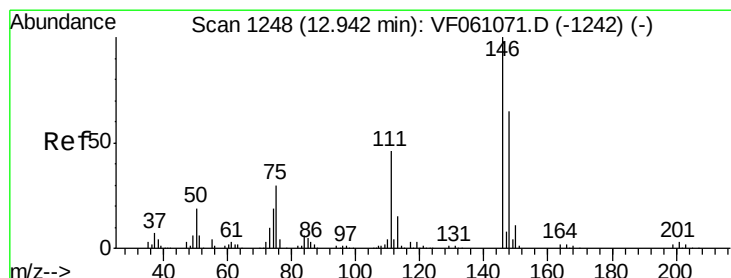
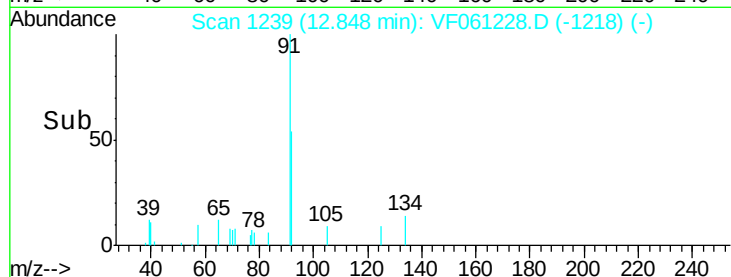
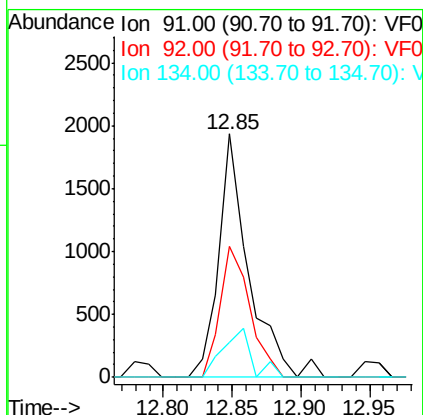
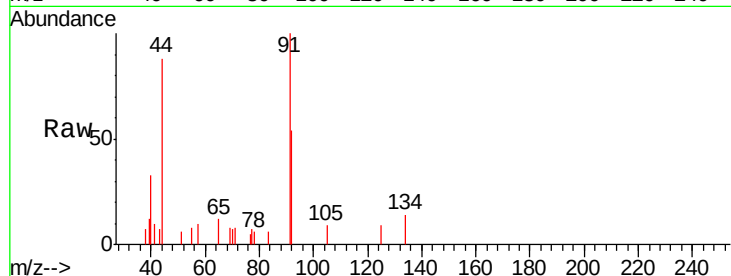
Tgt Ion: 91 Resp: 2928

Ion	Ratio	Lower	Upper
91	100		
92	53.5	32.8	98.4
134	14.4	13.2	39.5

91 100

92 53.5 32.8 98.4

134 14.4 13.2 39.5



#91

1,2-Dichlorobenzene

Concen: 2.335 ug/l

RT: 12.95 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

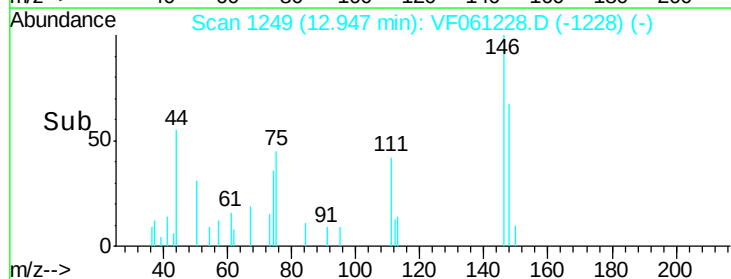
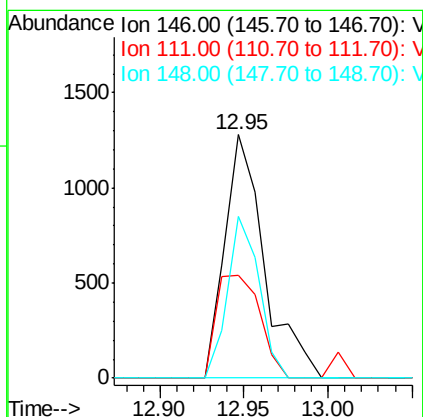
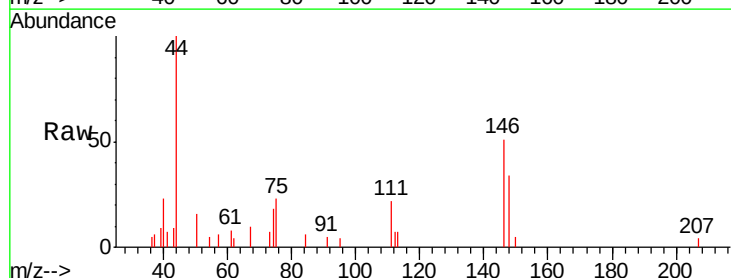
Tgt Ion: 146 Resp: 2101

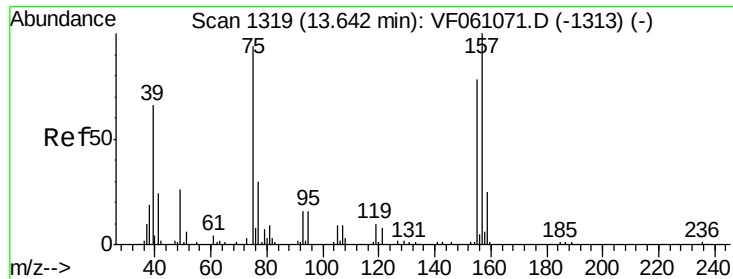
Ion	Ratio	Lower	Upper
146	100		
111	42.0	23.2	69.5
148	66.6	32.4	97.0

146 100

111 42.0 23.2 69.5

148 66.6 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.121 ug/l

RT: 13.66 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

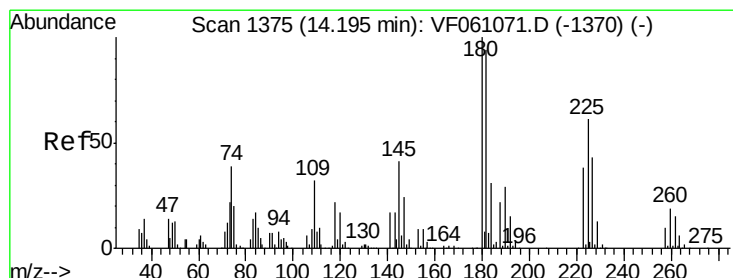
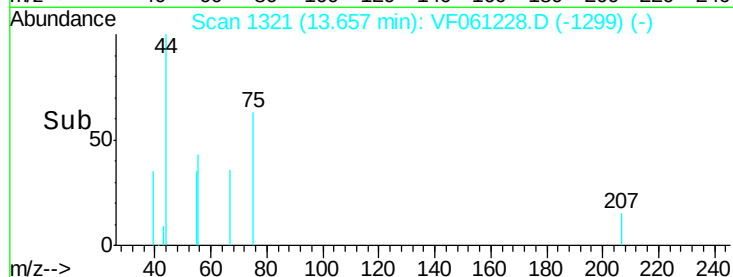
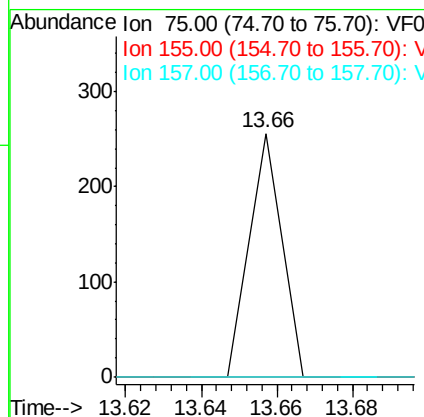
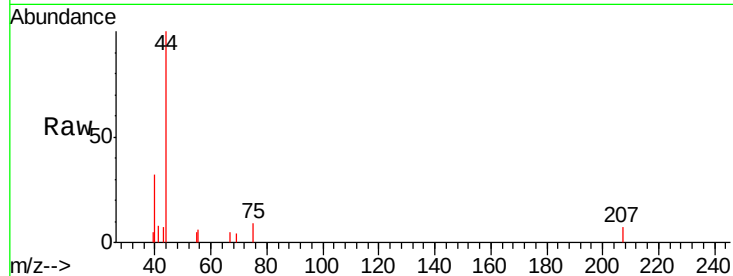
Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

Tgt Ion:	75	Resp:	151
Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.5	124.5#
157	0.0	53.2	159.6#



#93

1,2,4-Trichlorobenzene

Concen: 2.875 ug/l

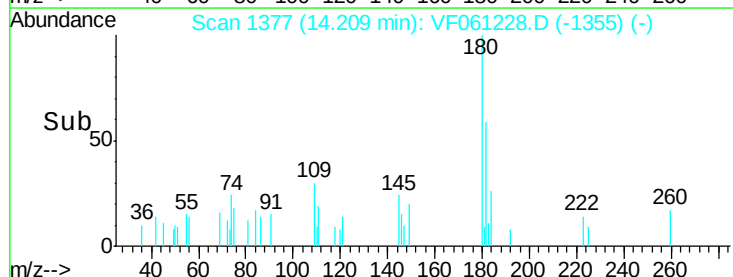
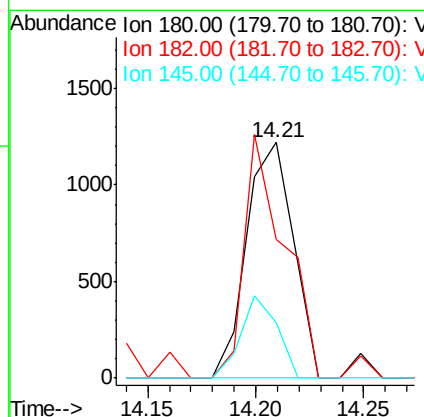
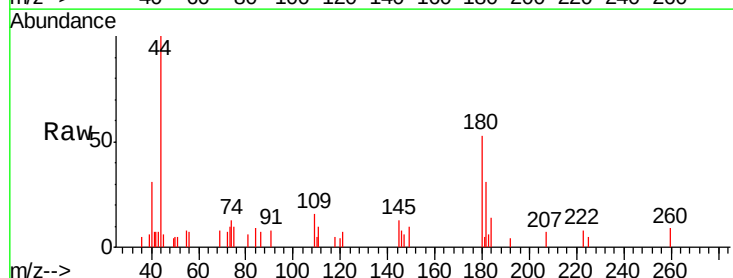
RT: 14.21 min Scan# 1377

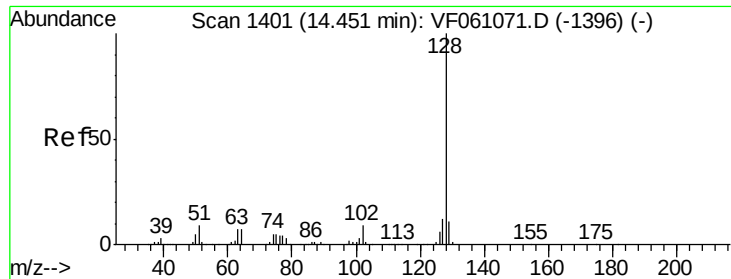
Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Tgt Ion:	180	Resp:	1834
Ion	Ratio	Lower	Upper
180	100		
182	58.9	46.9	140.6
145	23.8	20.5	61.6





#95

Naphthalene

Concen: 12.435 ug/l

RT: 14.47 min Scan# 1403

Delta R.T. 0.01 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

SSSI-1218-S-DH-9-TRE

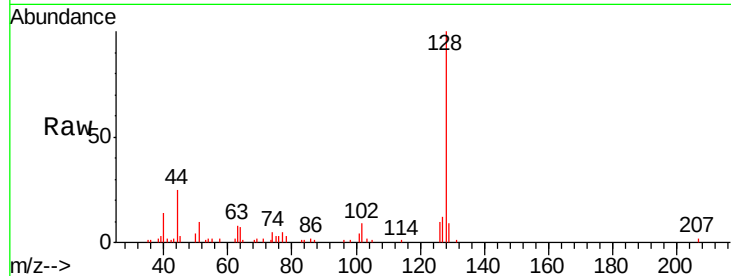
Tgt Ion:128 Resp: 14487

Ion Ratio Lower Upper

128 100

127 12.0 9.4 14.2

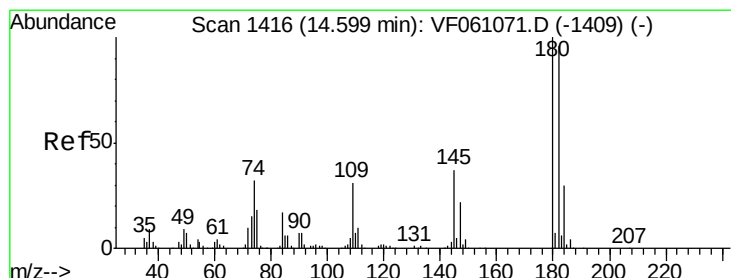
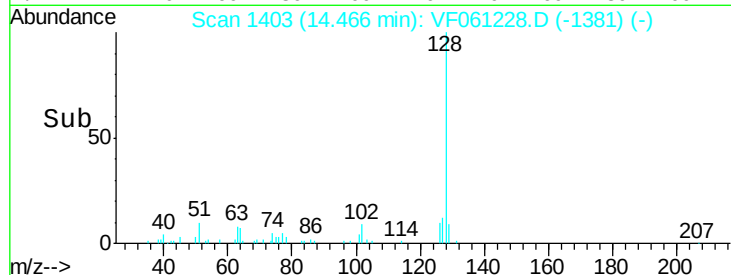
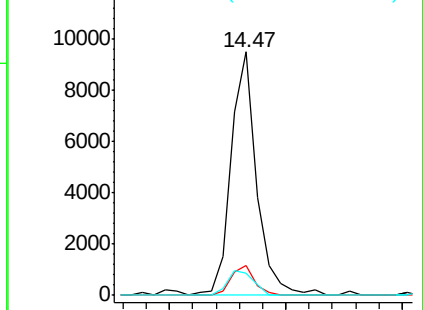
129 8.9 8.8 13.2



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: 3.657 ug/l

RT: 14.60 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF061228.D

Acq: 28 Dec 2018 11:29

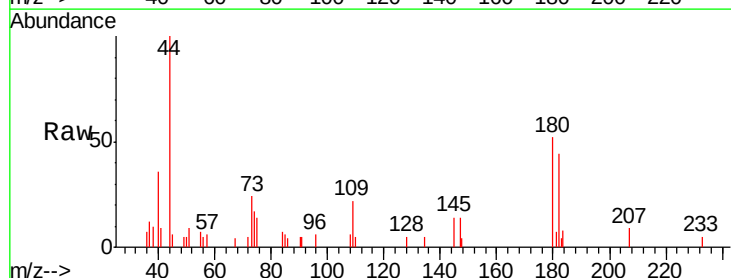
Tgt Ion:180 Resp: 2157

Ion Ratio Lower Upper

180 100

182 84.5 47.9 143.8

145 26.6 18.6 55.8



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

