

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059572.D
 Acq On : 19 Jul 2018 23:13
 Operator : VA/AP
 Sample : J4051-03
 Misc : 4.37g/5mL/MSVOA F/SOIL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jul 20 04:54:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	233247	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	341085	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	278943	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	52363	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	172579	47.57	ug/l	-0.02
Spiked Amount			Recovery	=	95.14%	
35) Dibromofluoromethane	4.28	113	147974	50.09	ug/l	-0.02
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	7.71	98	295787	39.75	ug/l	-0.02
Spiked Amount			Recovery	=	79.50%	
62) 4-Bromofluorobenzene	11.51	95	109213	27.98	ug/l	-0.01
Spiked Amount			Recovery	=	55.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.67	59	701	Below Cal	#	63
13) Acrolein	1.99	56	106	Below Cal		93
15) Acrylonitrile	3.08	53	670	2.201	ug/l #	13
16) Acetone	2.41	43	1026	Below Cal		95
18) Methyl Acetate	2.47	43	1681	Below Cal	#	88
20) Methylene Chloride	2.39	84	236	Below Cal	#	1
29) Tetrahydrofuran	4.26	42	214	Below Cal	#	51
30) Chloroform	4.03	83	6296	1.154	ug/l #	76
37) Ethyl Acetate	4.33	43	196	Below Cal	#	41
48) Methyl methacrylate	6.80	41	1822	1.040	ug/l #	74
49) 1,4-Dioxane	6.99	88	84	Below Cal	#	53
51) 4-Methyl-2-Pentanone	8.42	43	6726	3.868	ug/l #	53
52) Toluene	7.77	92	327965	68.275	ug/l	98
56) Ethyl methacrylate	8.76	69	10602	4.593	ug/l #	88
58) 2-Chloroethyl Vinyl ether	7.77	63	65333	320.614	ug/l	100
59) 2-Hexanone	9.66	43	6221	4.733	ug/l #	50
67) Ethyl Benzene	10.03	91	13550	1.455	ug/l	97
68) m/p-Xylenes	10.27	106	24260	7.381	ug/l	100
69) o-Xylene	10.83	106	13102	3.744	ug/l	93
73) Isopropylbenzene	11.22	105	4576	1.385	ug/l	77
74) N-amyl acetate	11.48	43	2652	2.506	ug/l #	24
75) 1,1,2,2-Tetrachloroethane	11.81	83	1921	2.666	ug/l #	95
76) 1,2,3-Trichloropropane	11.91	75	728	1.237	ug/l #	1
78) n-propylbenzene	11.69	91	8831	2.330	ug/l	100
79) 2-Chlorotoluene	11.80	91	9003	3.856	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.91	105	26518	9.578	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.97	75	331	1.231	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.29	105	71515	25.106	ug/l	95
85) sec-Butylbenzene	12.39	105	3471	1.027	ug/l	92
86) p-Isopropyltoluene	12.51	119	3519	1.197	ug/l #	51
89) n-Butylbenzene	12.91	91	6614	2.404	ug/l #	66
90) Hexachloroethane	13.10	117	915	1.370	ug/l	80
95) Naphthalene	14.52	128	60224	31.396	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

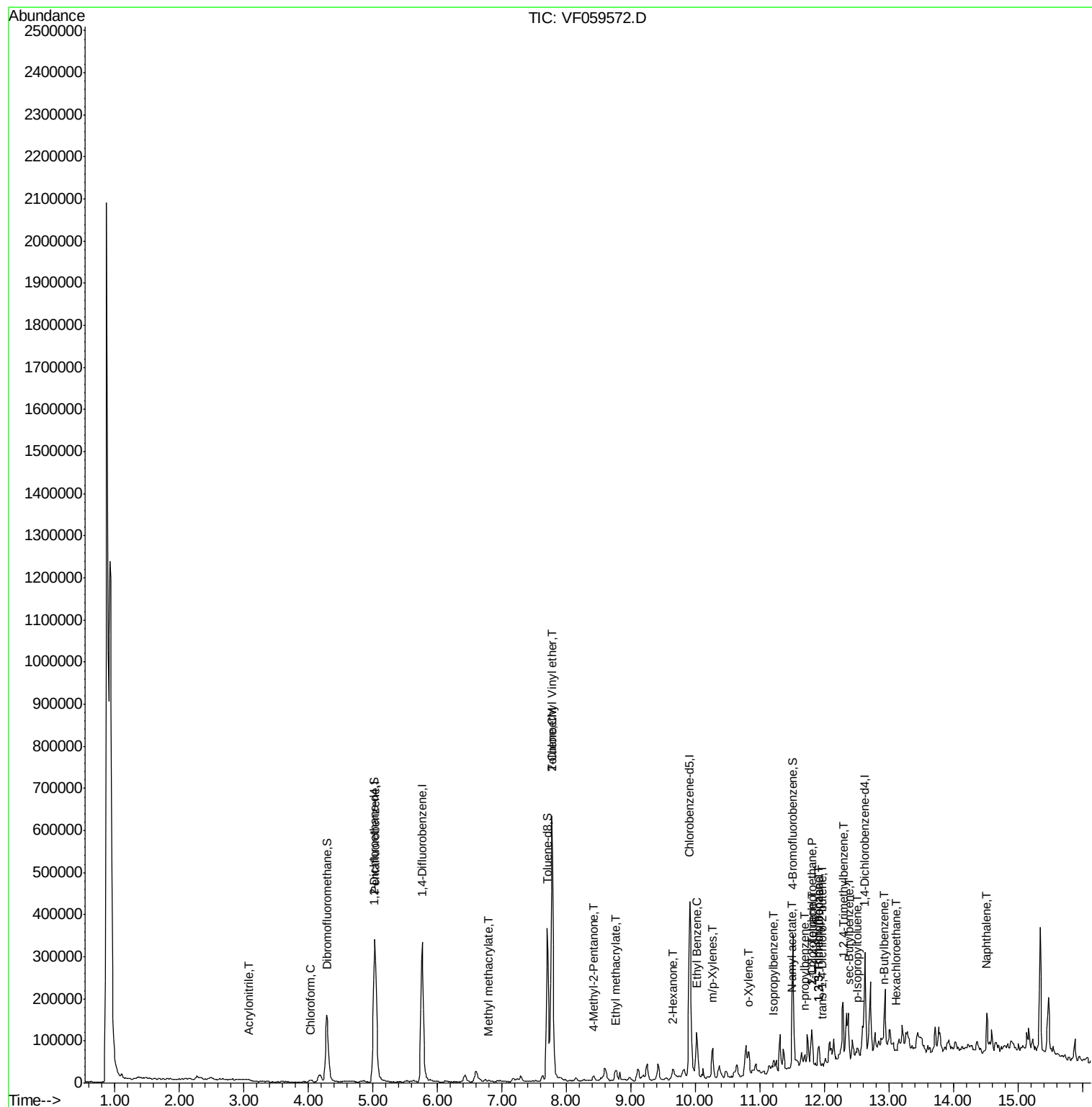
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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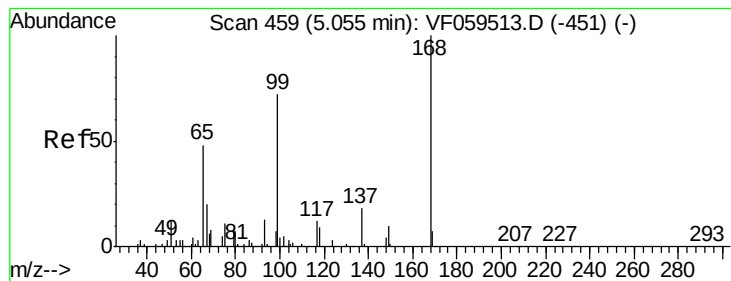
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

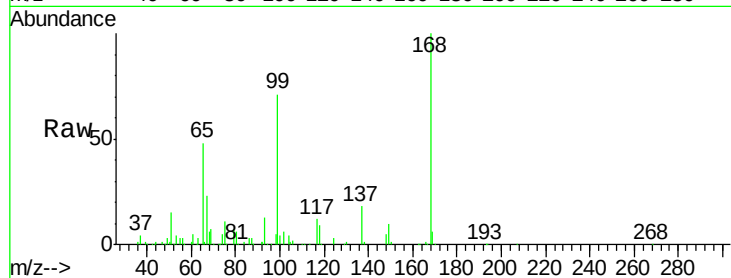
ClientSampleId :

Tot Ion:168 Resp: 233247

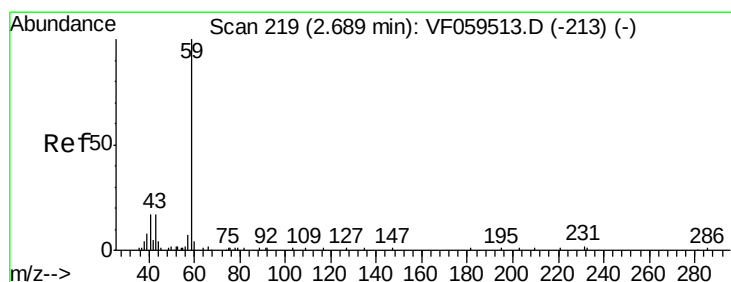
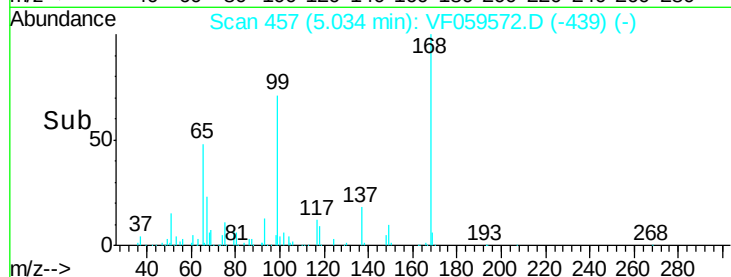
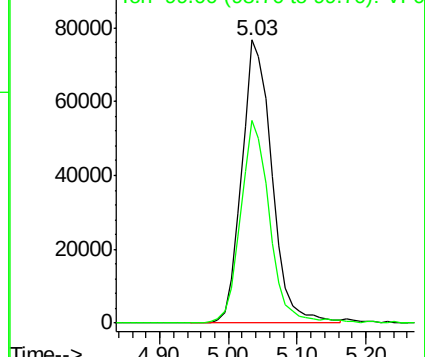
Ion Ratio Lower Upper

168 100

99 71.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.67 min Scan# 217

Delta R.T. -0.02 min

Lab File: VF059572.D

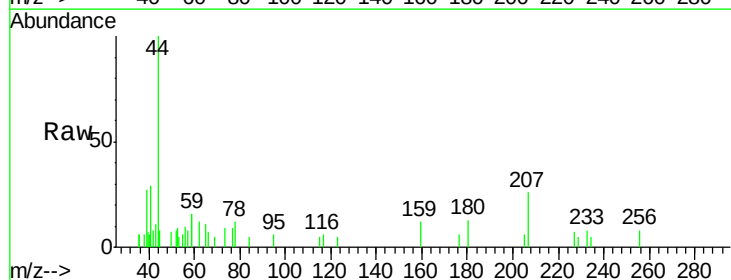
Acq: 19 Jul 2018 23:13

Tgt Ion: 59 Resp: 701

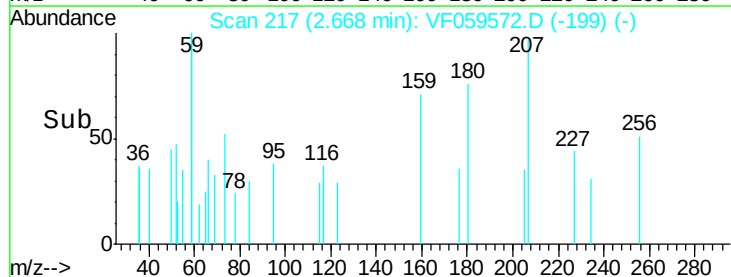
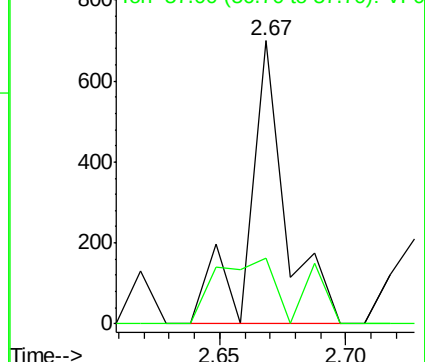
Ion Ratio Lower Upper

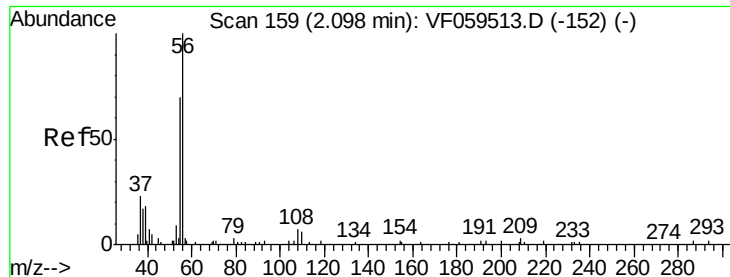
59 100

57 23.2 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VF0





#13

Acrolein

Concen: Below Cal

RT: 1.99 min Scan# 148

Delta R.T. -0.11 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

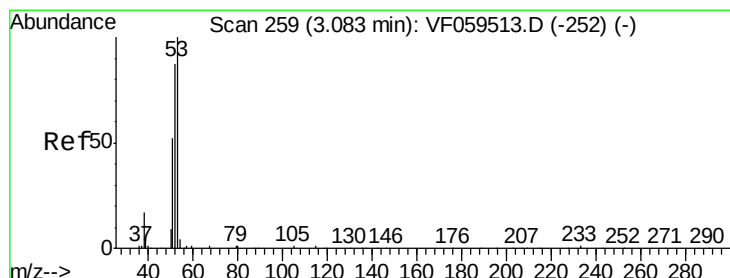
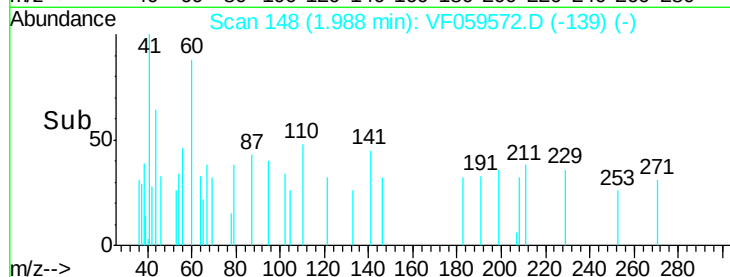
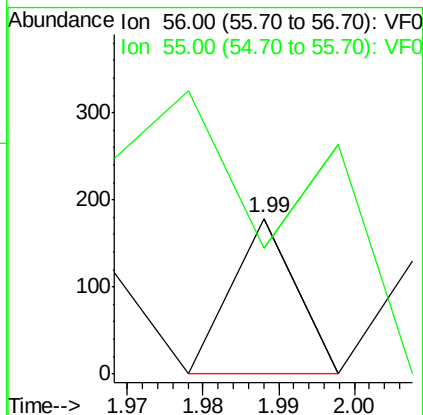
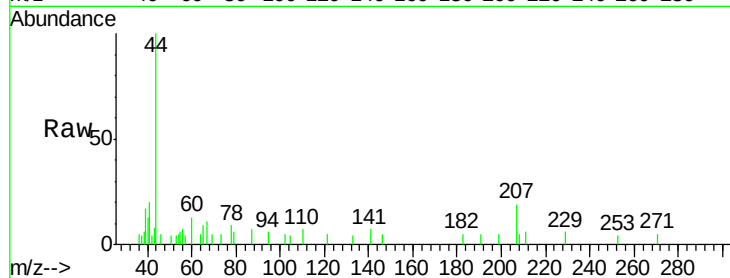
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 106

Ion Ratio Lower Upper

56 100

55 80.4 59.4 89.2



#15

Acrylonitrile

Concen: 2.201 ug/l

RT: 3.08 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

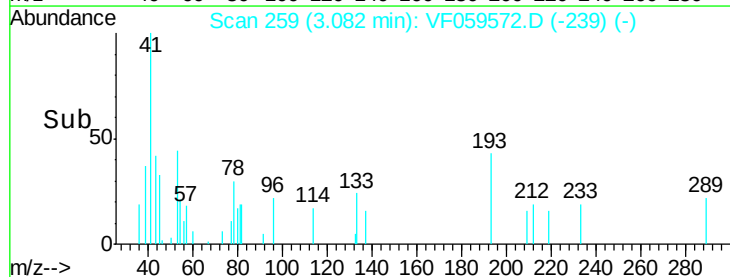
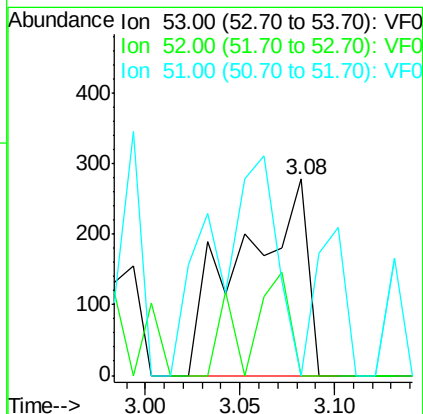
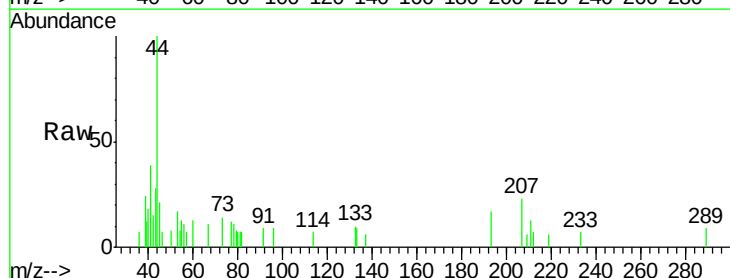
Tgt Ion: 53 Resp: 670

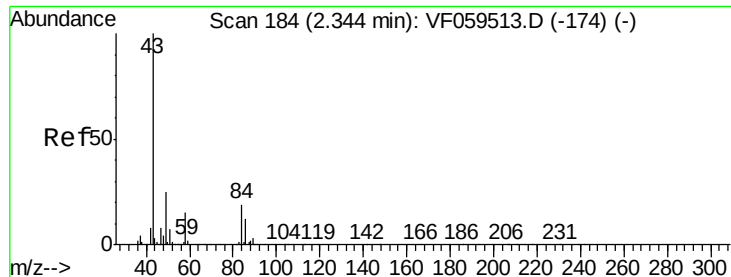
Ion Ratio Lower Upper

53 100

52 0.0 70.1 105.1#

51 0.0 42.5 63.7#

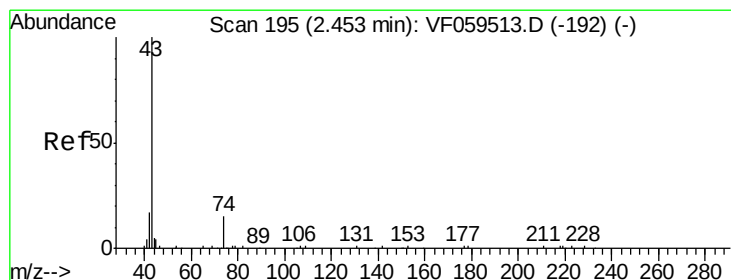
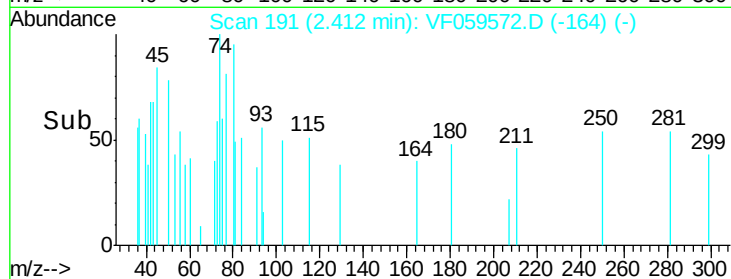
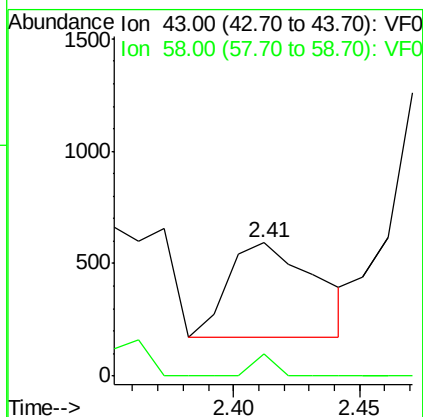
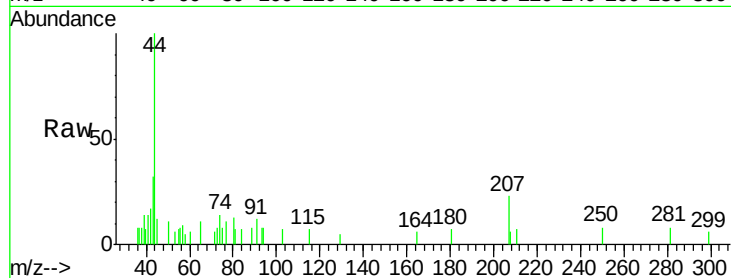




#16
Acetone
Concen: Below Cal
RT: 2.41 min Scan# 191
Delta R.T. 0.07 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

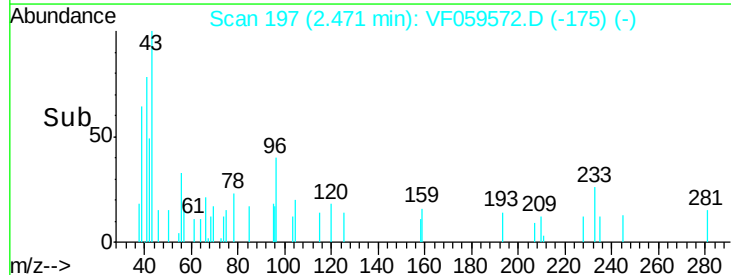
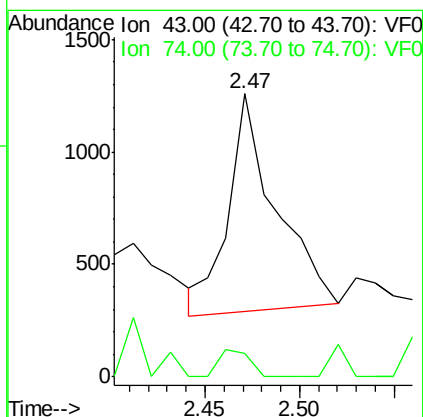
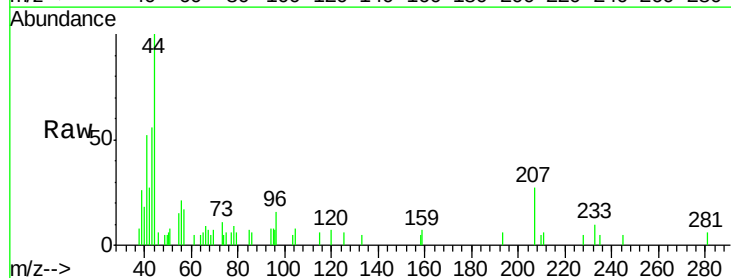
Instrument :
MSVOA_F
ClientSampleId :

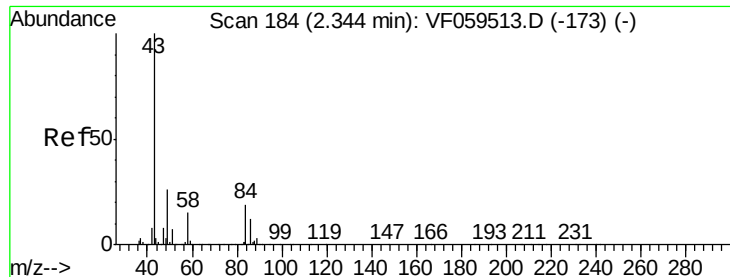
Tot Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
58 16.9 11.8 17.6



#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
74 8.5 10.6 15.8#

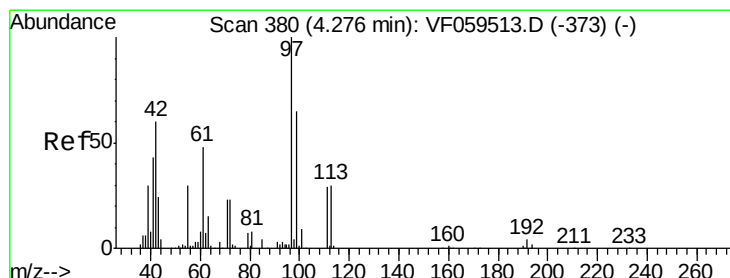
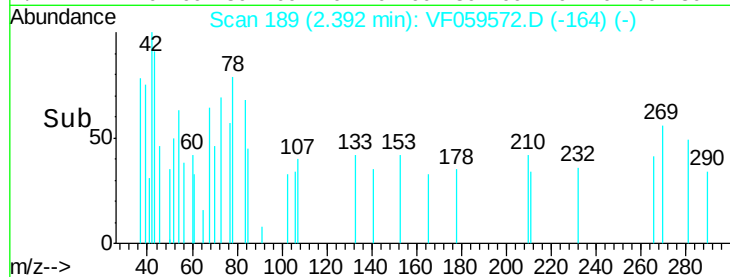
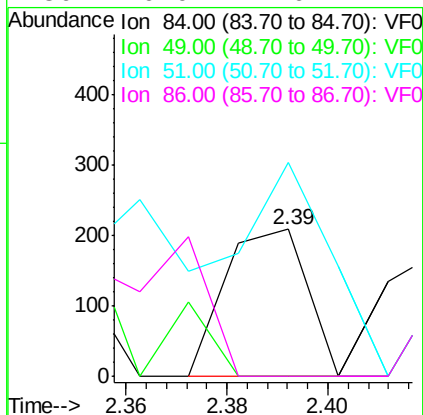
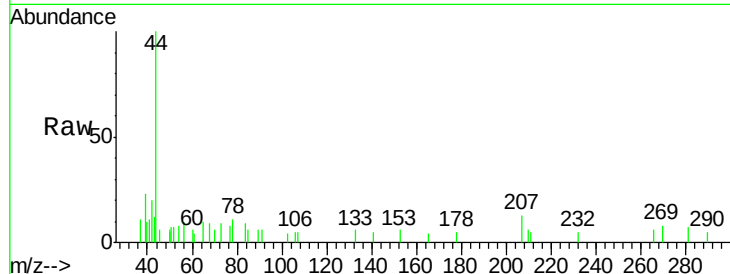




#20
Methylene Chloride
Concen: Below Cal
RT: 2.39 min Scan# 189
Delta R.T. 0.05 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

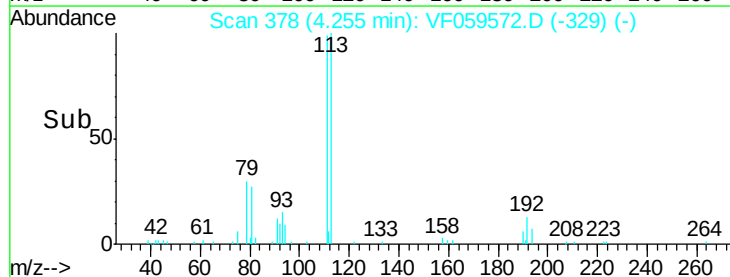
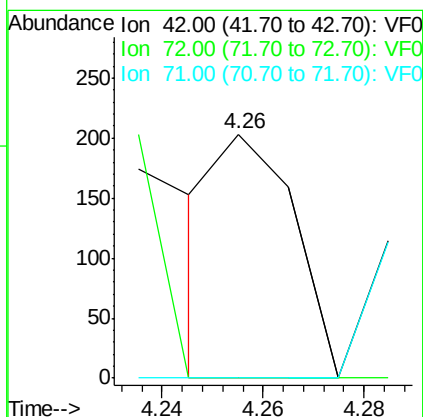
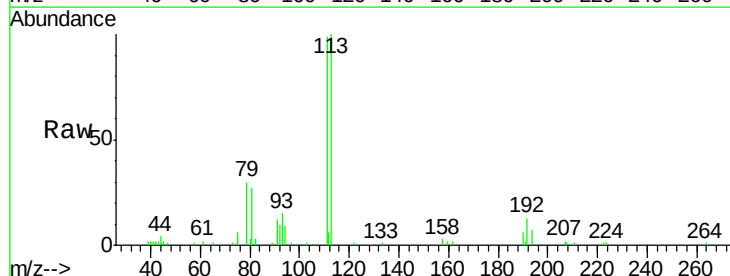
Instrument :
MSVOA_F
ClientSampled :

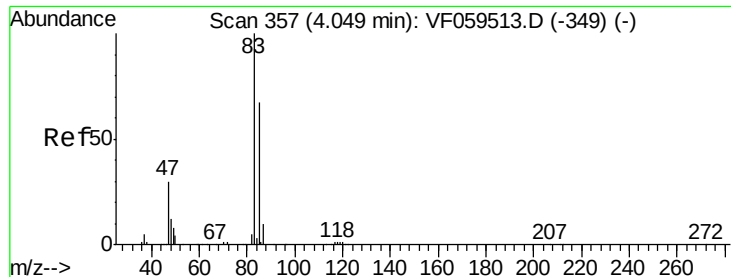
Tot Ion: 84 Resp: 236
Ion Ratio Lower Upper
84 100
49 0.0 109.4 164.2#
51 145.5 30.5 45.7#
86 0.0 47.6 71.4#



#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion: 42 Resp: 214
Ion Ratio Lower Upper
42 100
72 56.1 28.7 43.1#
71 0.0 30.8 46.2#

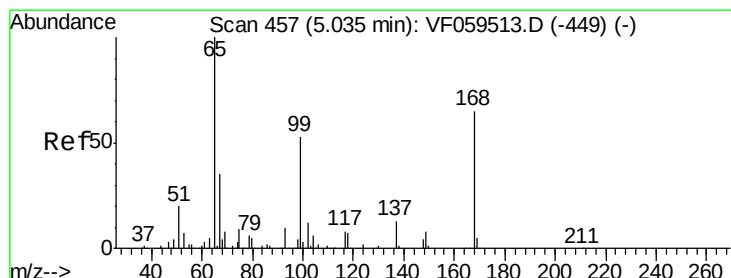
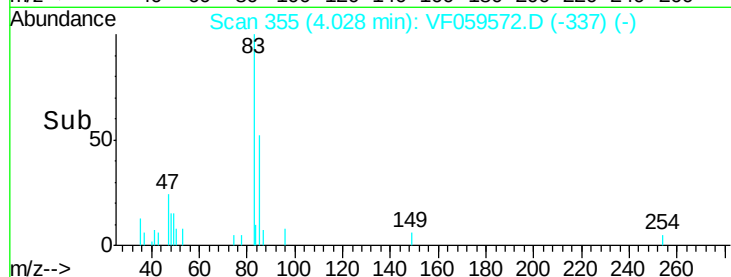
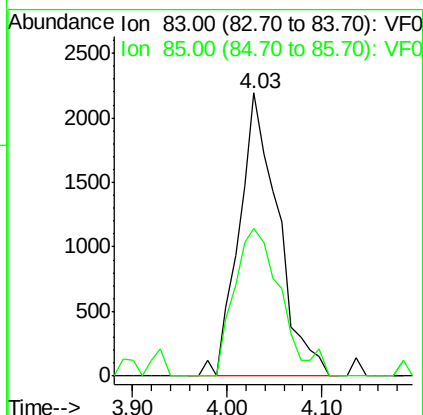
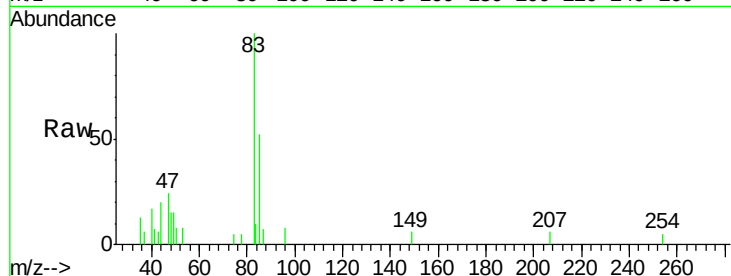




#30
Chloroform
Concen: 1.154 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

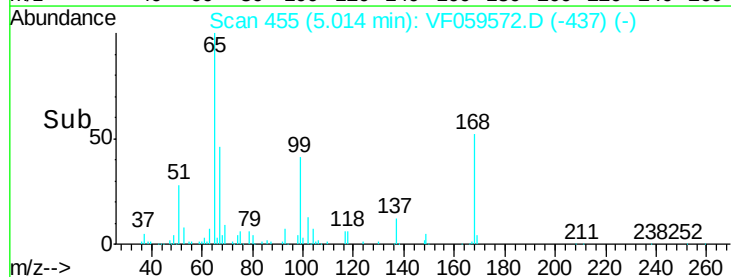
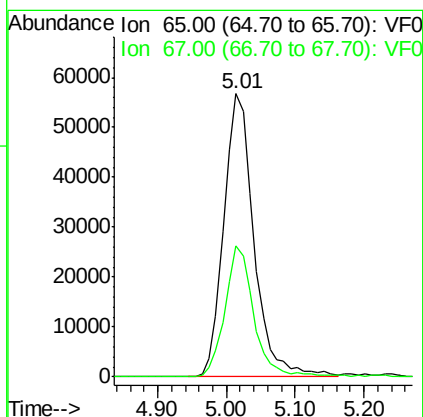
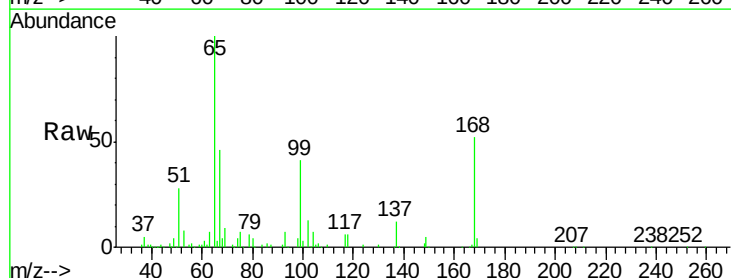
Instrument :
MSVOA_F
ClientSampleId :

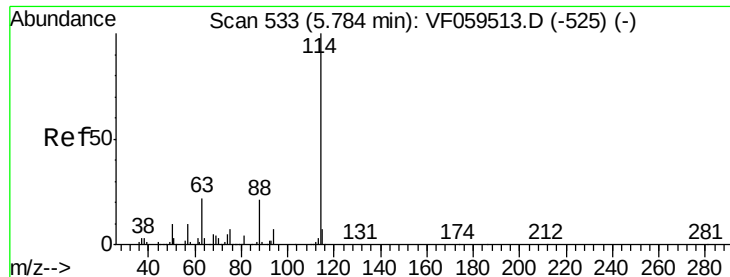
Tot Ion: 83 Resp: 6296
Ion Ratio Lower Upper
83 100
85 47.4 53.2 79.8#



#33
1,2-Dichloroethane-d4
Concen: 47.574 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion: 65 Resp: 172579
Ion Ratio Lower Upper
65 100
67 46.3 0.0 91.2

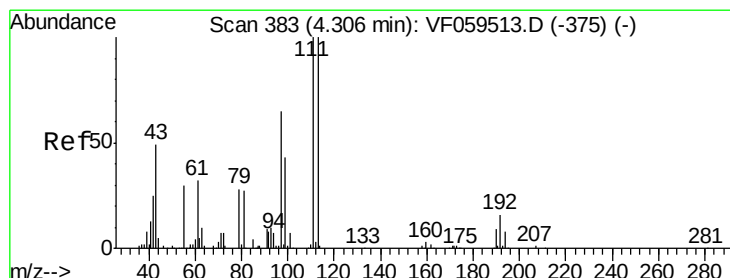
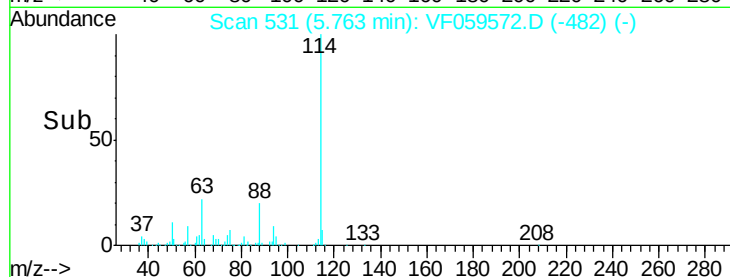
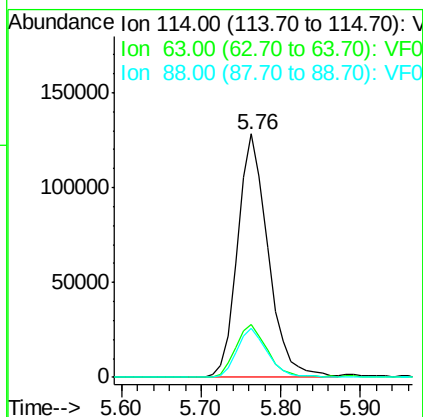
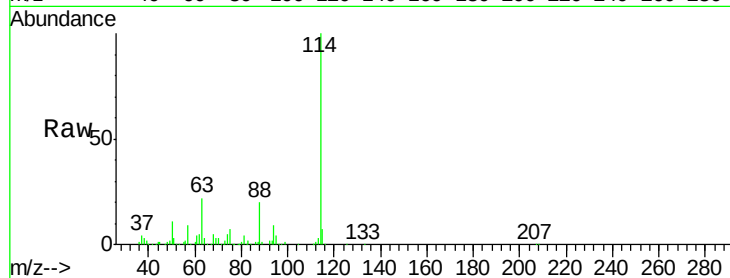




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VF059572.D
 Acq: 19 Jul 2018 23:13

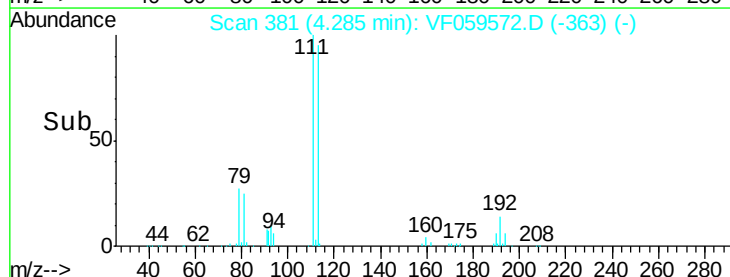
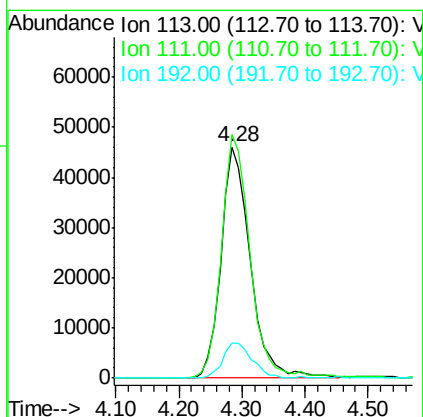
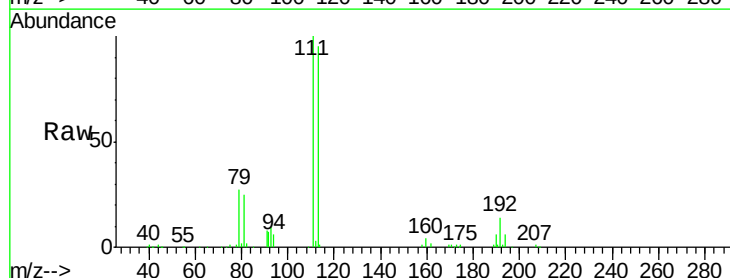
Instrument :
 MSVOA_F
 ClientSampleId :

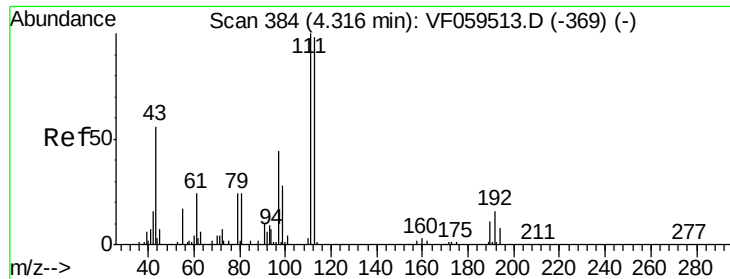
Tot Ion:114 Resp: 341085
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.8
 88 20.2 0.0 42.6



#35
 Dibromofluoromethane
 Concen: 50.092 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059572.D
 Acq: 19 Jul 2018 23:13

Tgt Ion:113 Resp: 147974
 Ion Ratio Lower Upper
 113 100
 111 105.4 80.3 120.5
 192 15.3 13.1 19.7

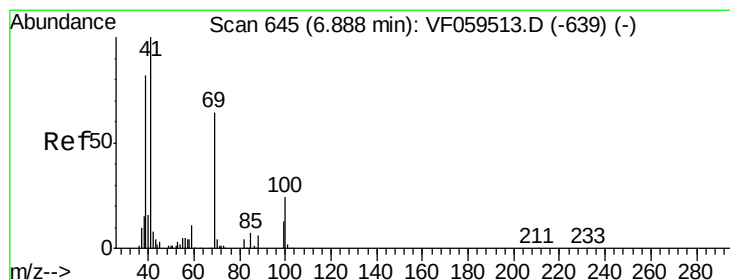
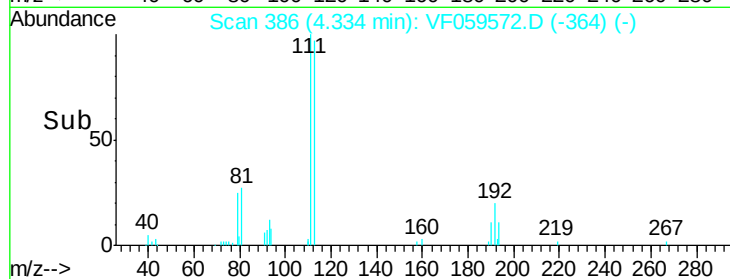
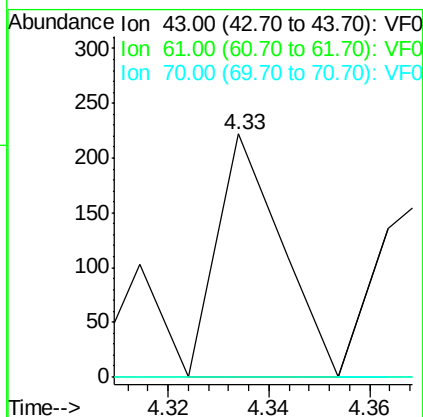
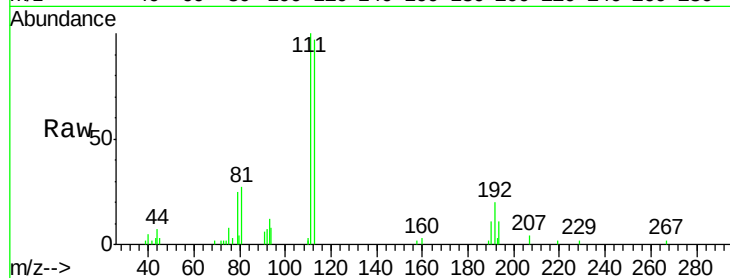




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 386
Delta R.T. 0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

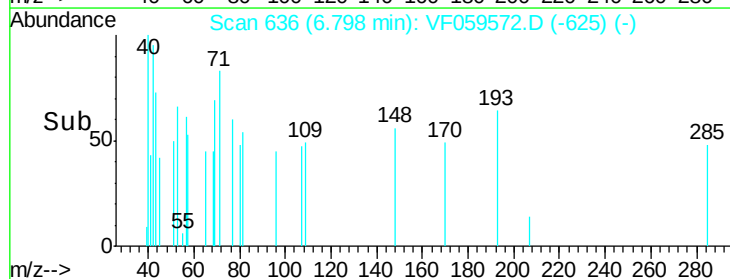
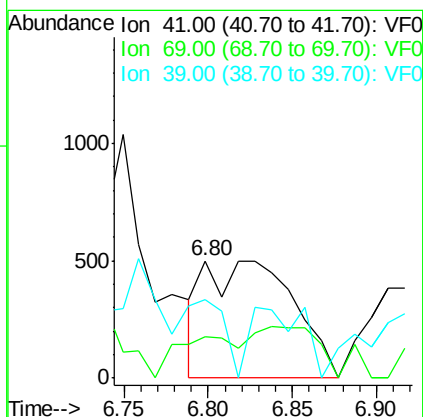
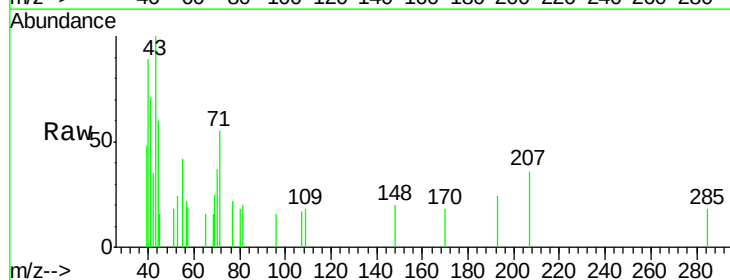
Instrument :
MSVOA_F
ClientSampled :

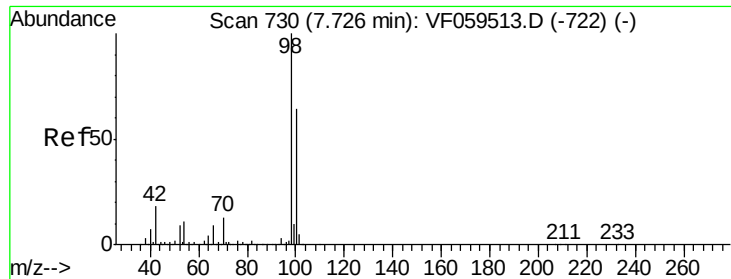
Tot Ion	43	Resp	196
Ion Ratio	Lower	Upper	
43	100		
61	0.0	33.7	50.5#
70	0.0	7.4	11.0#



#48
Methyl methacrylate
Concen: 1.040 ug/l
RT: 6.80 min Scan# 636
Delta R.T. -0.09 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion	41	Resp	1822
Ion Ratio	Lower	Upper	
41	100		
69	35.3	51.3	76.9#
39	66.5	65.3	97.9

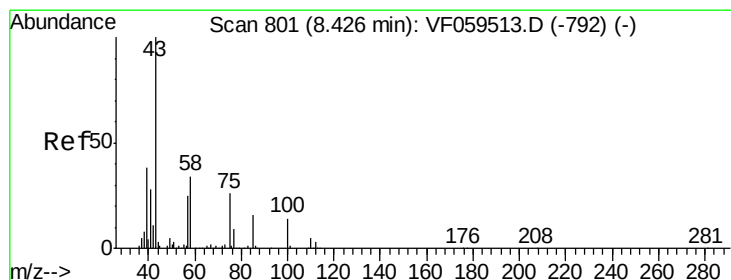
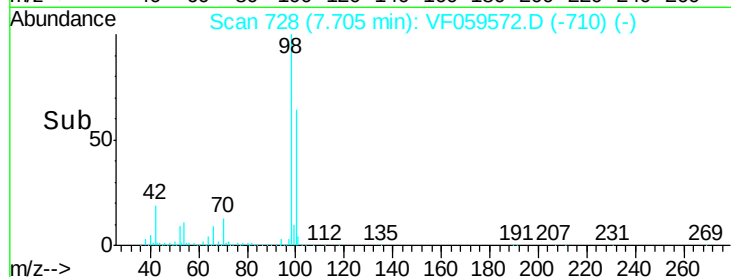
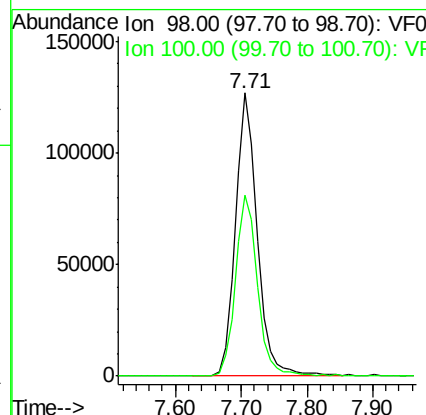
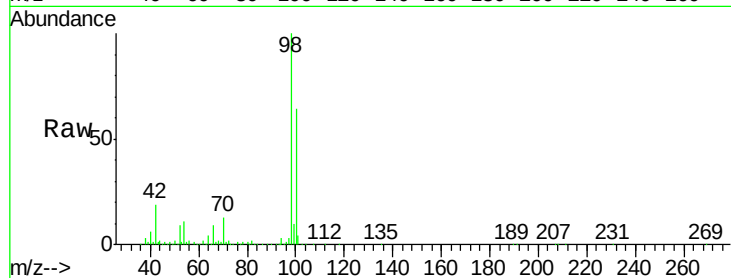




#50
Toluene-d8
Concen: 39.750 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

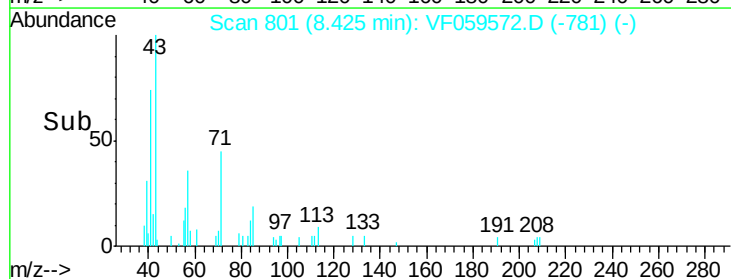
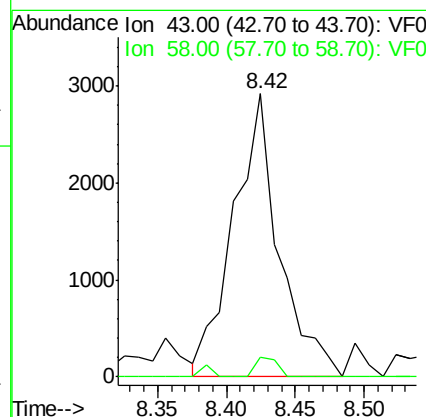
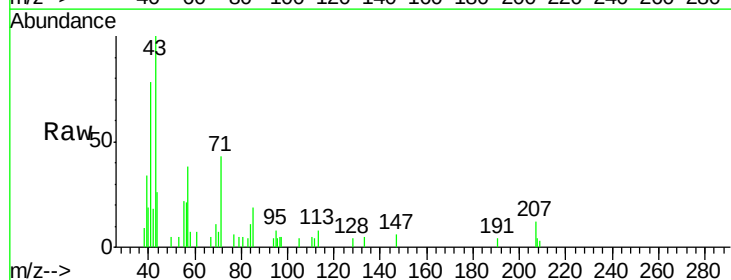
Instrument :
MSVOA_F
ClientSampleId :

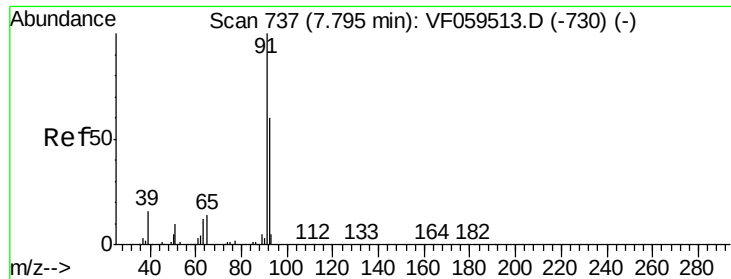
Tot Ion: 98 Resp: 295787
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 3.868 ug/l
RT: 8.42 min Scan# 801
Delta R.T. -0.00 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion: 43 Resp: 6726
Ion Ratio Lower Upper
43 100
58 7.1 27.4 41.2#





#52

Toluene

Concen: 68.275 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.02 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

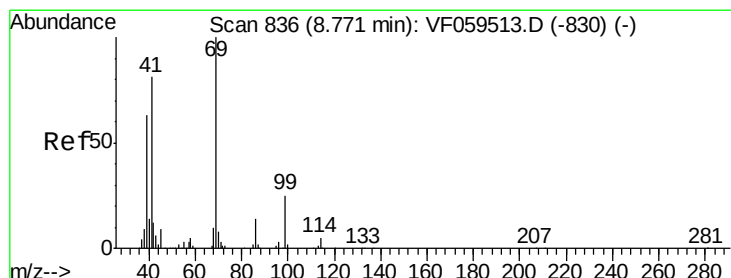
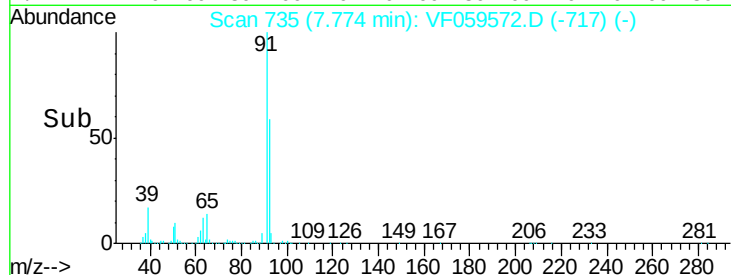
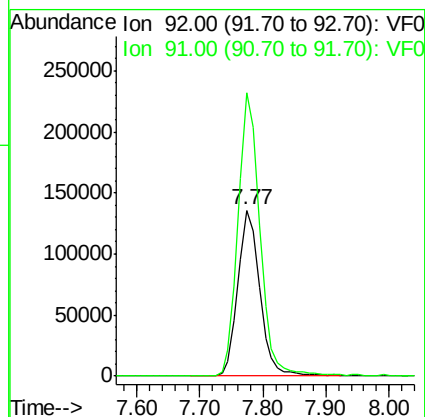
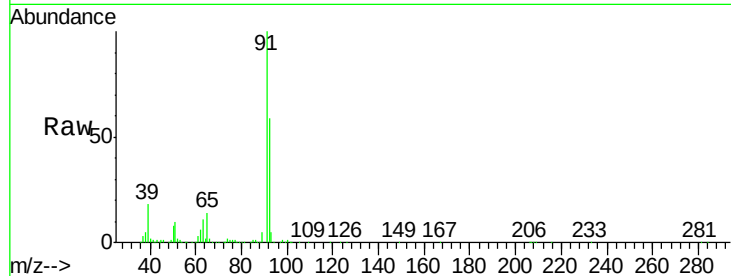
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 92 Resp: 327965

Ion Ratio Lower Upper

92 100

91 170.3 134.2 201.4



#56

Ethyl methacrylate

Concen: 4.593 ug/l

RT: 8.76 min Scan# 835

Delta R.T. -0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

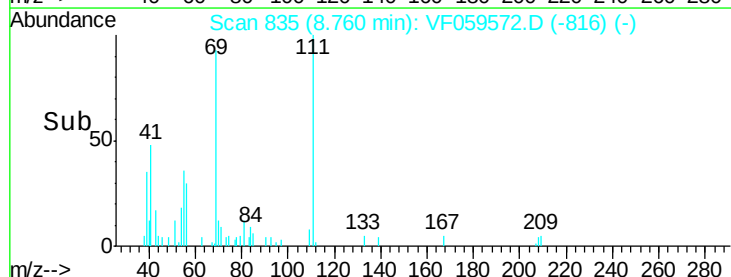
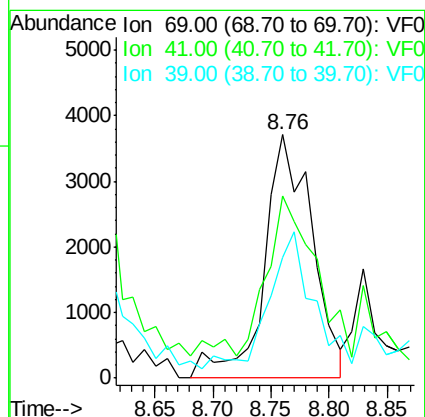
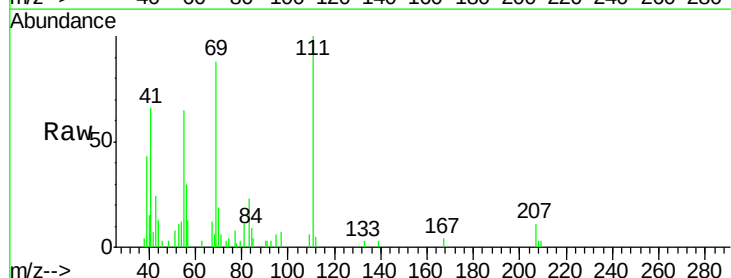
Tgt Ion: 69 Resp: 10602

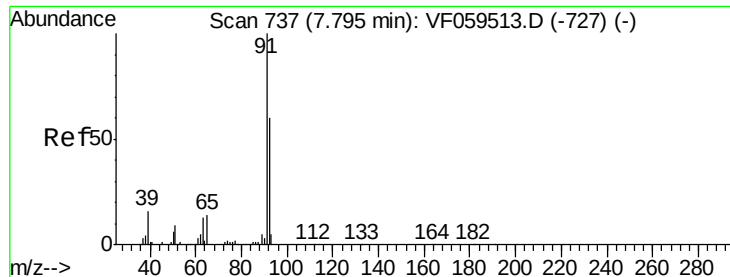
Ion Ratio Lower Upper

69 100

41 74.8 65.4 98.2

39 49.6 51.0 76.4#





#58

2-Chloroethyl Vinyl ether

Concen: 320.614 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.02 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

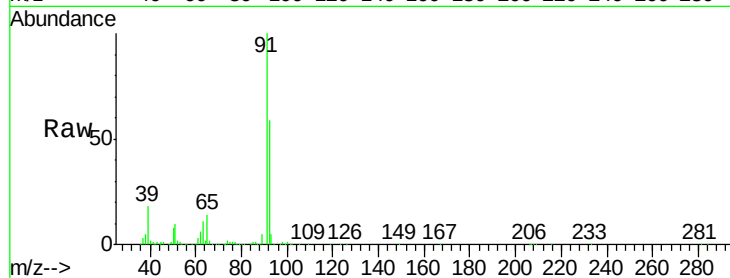
ClientSampleId :

Tot Ion: 63 Resp: 65333

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.77

30000

25000

20000

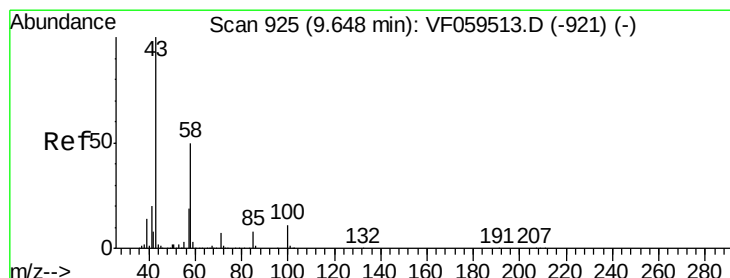
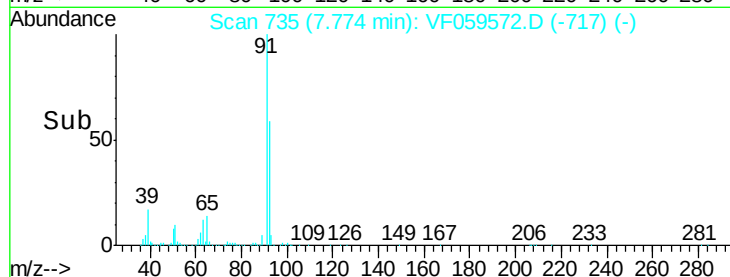
15000

10000

5000

0

Time-->



#59

2-Hexanone

Concen: 4.733 ug/l

RT: 9.66 min Scan# 926

Delta R.T. 0.01 min

Lab File: VF059572.D

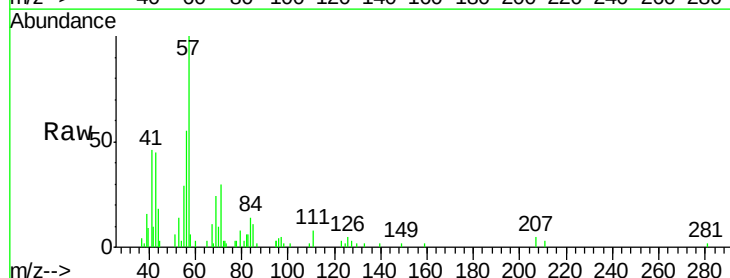
Acq: 19 Jul 2018 23:13

Tgt Ion: 43 Resp: 6221

Ion Ratio Lower Upper

43 100

58 13.4 23.3 69.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.66

3000

2500

2000

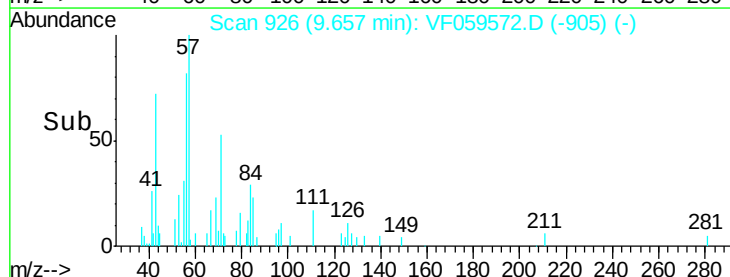
1500

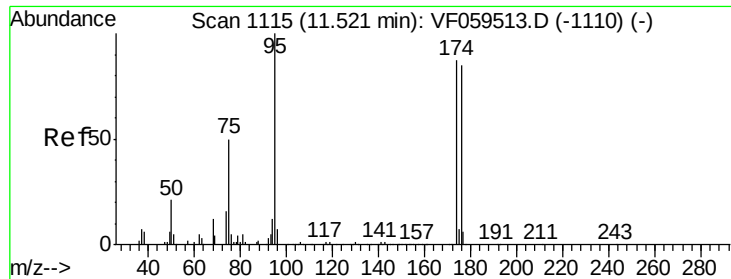
1000

500

0

Time-->

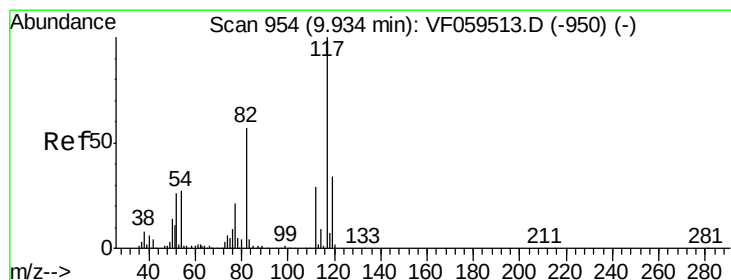
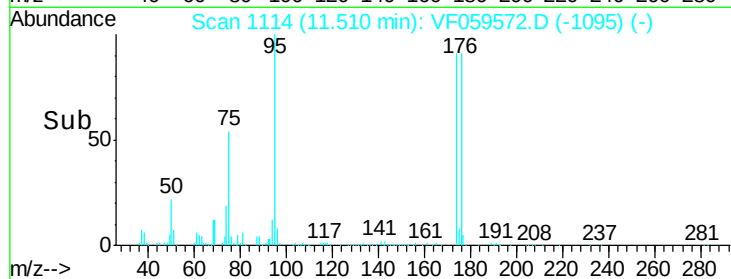
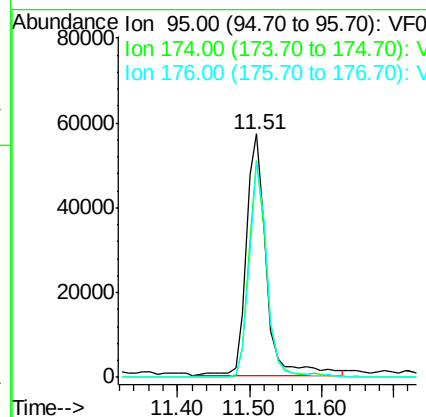
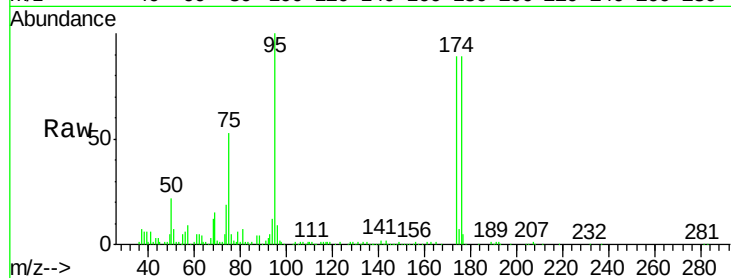




#62
4-Bromofluorobenzene
Concen: 27.978 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

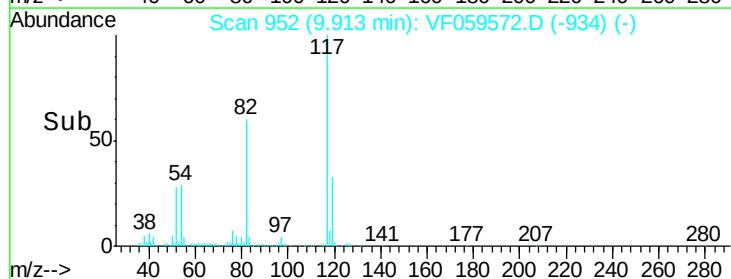
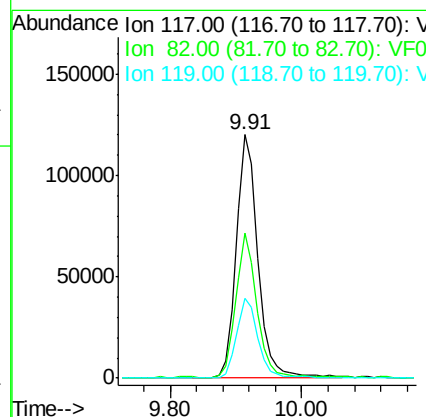
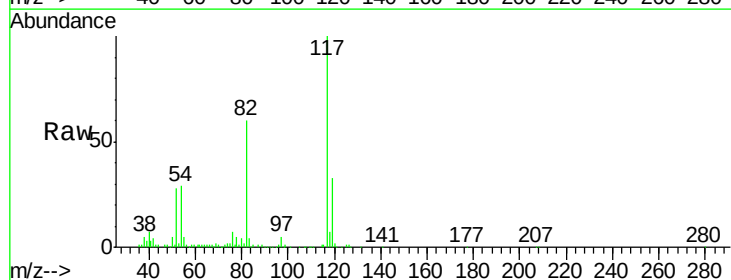
Instrument :
MSVOA_F
ClientSampleId :

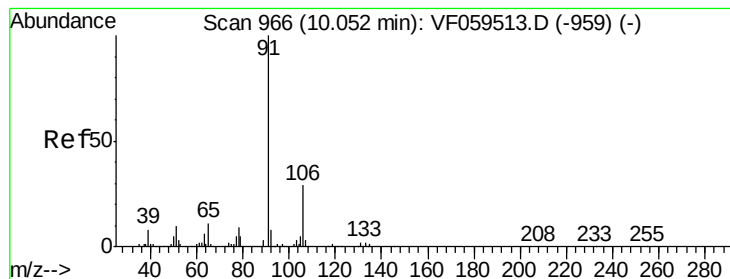
Tot Ion	95	Resp	109213
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	174.4
176	88.7	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion	117	Resp	278943
Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.1	69.1
119	32.5	27.2	40.8





#67

Ethyl Benzene

Concen: 1.455 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

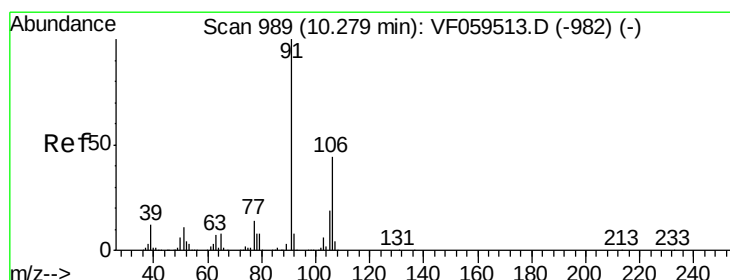
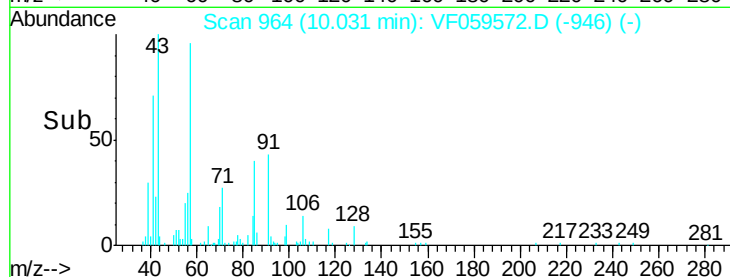
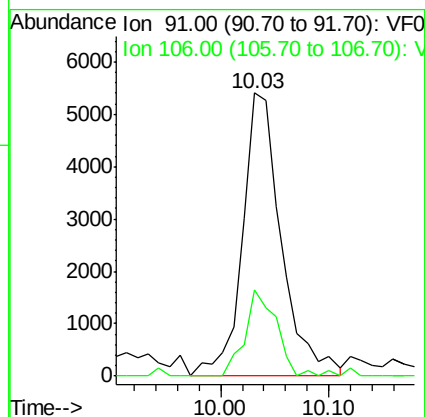
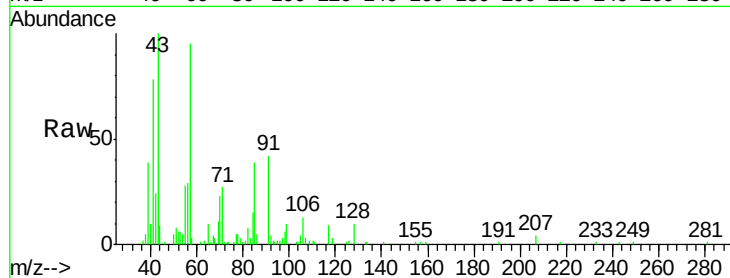
ClientSampled :

Tot Ion: 91 Resp: 13550

Ion Ratio Lower Upper

91 100

106 30.7 23.4 35.2



#68

m/p-Xylenes

Concen: 7.381 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF059572.D

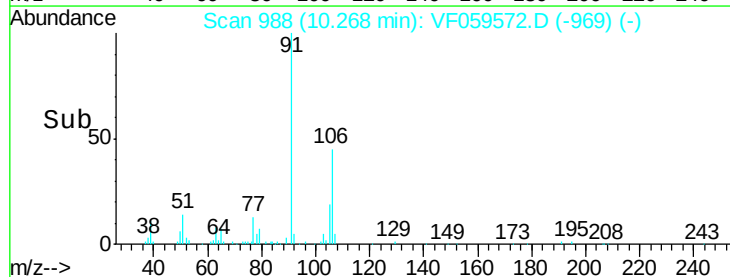
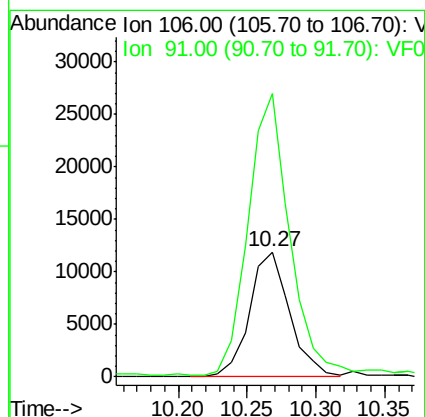
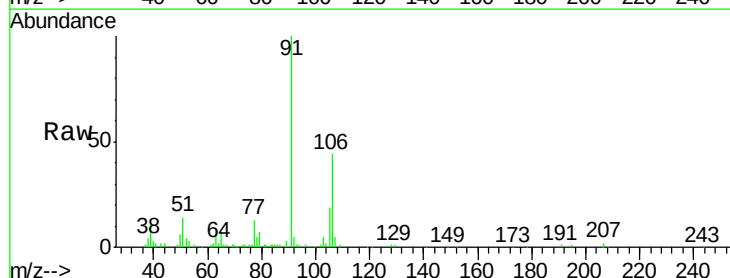
Acq: 19 Jul 2018 23:13

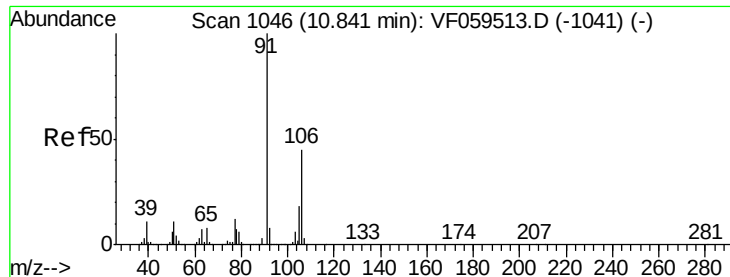
Tgt Ion: 106 Resp: 24260

Ion Ratio Lower Upper

106 100

91 226.3 181.0 271.4

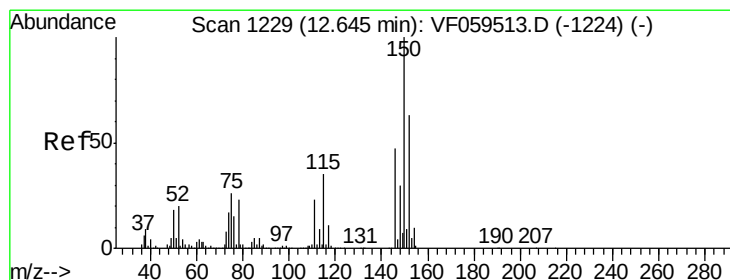
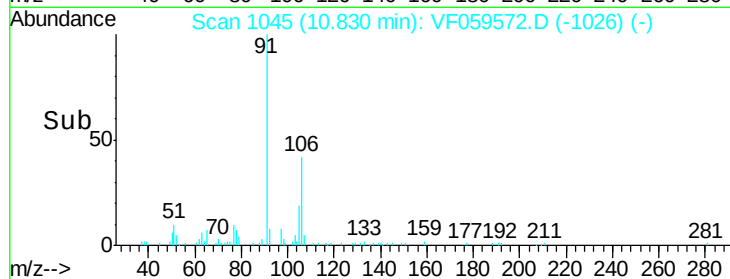
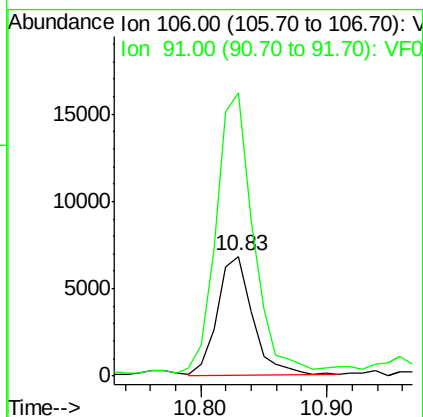
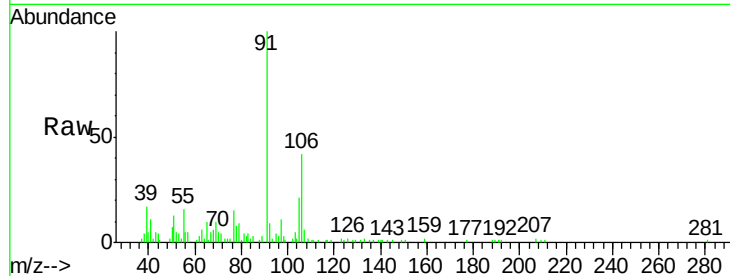




#69
o-Xylene
Concen: 3.744 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

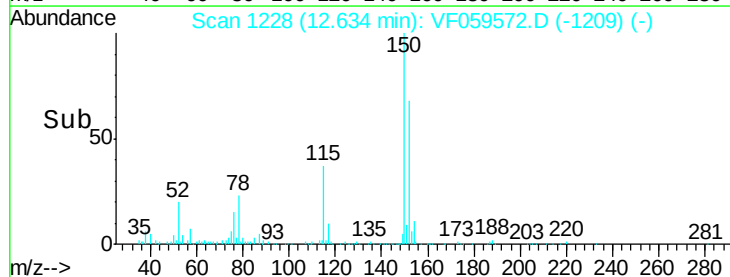
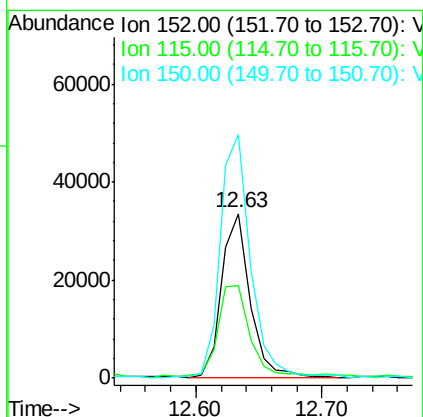
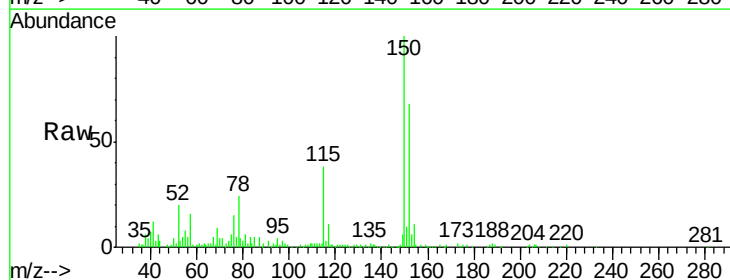
Instrument :
MSVOA_F
ClientSampleId :

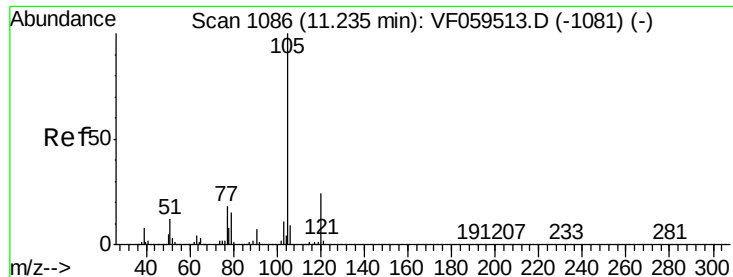
Tot Ion:106 Resp: 13102
Ion Ratio Lower Upper
106 100
91 235.7 112.3 336.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion:152 Resp: 52363
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 147.7 0.0 318.4





#73

Isopropylbenzene

Concen: 1.385 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

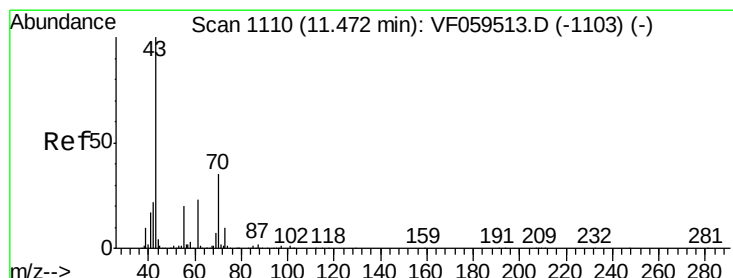
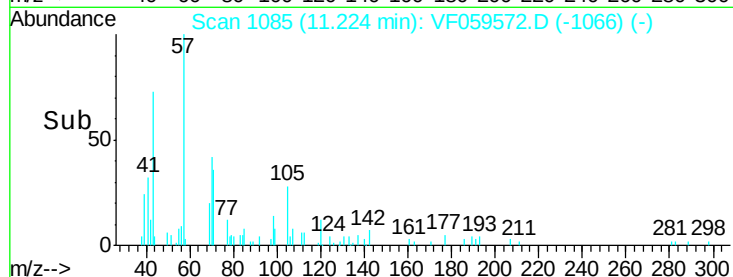
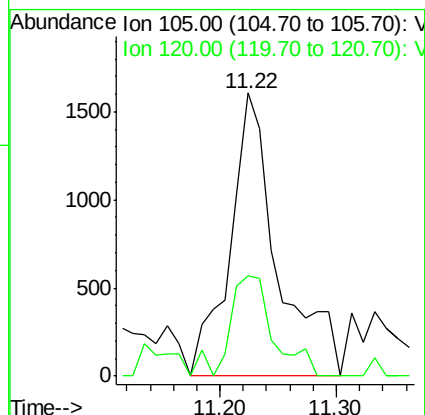
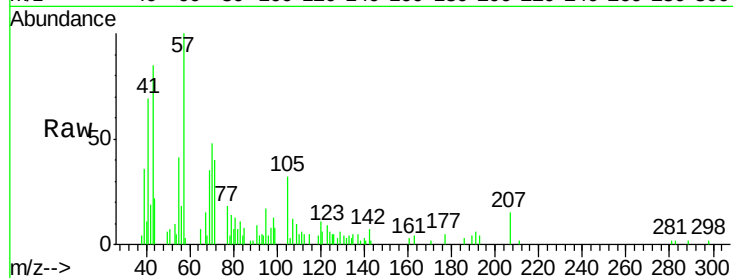
ClientSampleId :

Tot Ion:105 Resp: 4576

Ion Ratio Lower Upper

105 100

120 35.4 12.0 36.0



#74

N-ethyl acetate

Concen: 2.506 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Tgt Ion: 43 Resp: 2652

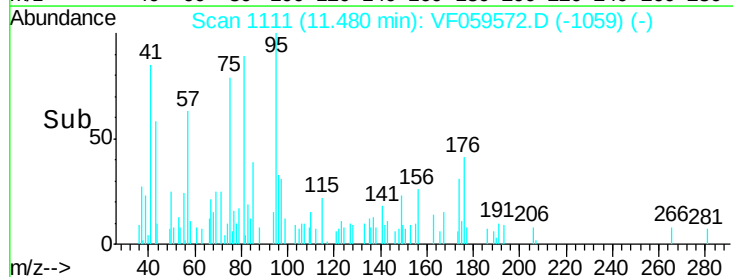
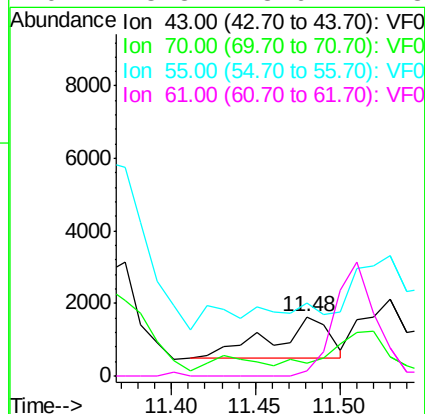
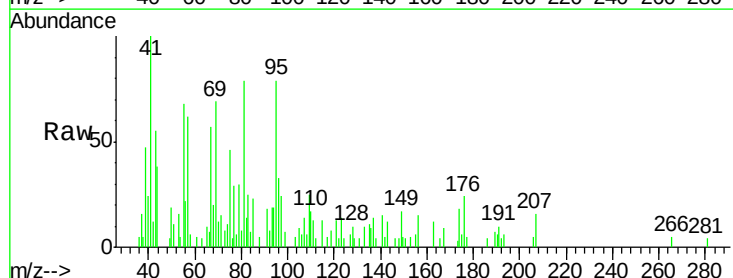
Ion Ratio Lower Upper

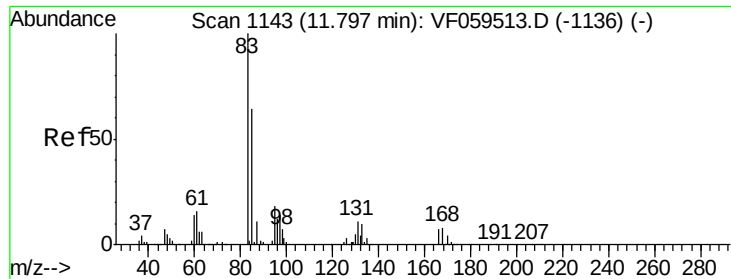
43 100

70 22.0 27.9 41.9#

55 122.1 16.2 24.2#

61 8.3 18.6 27.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.666 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

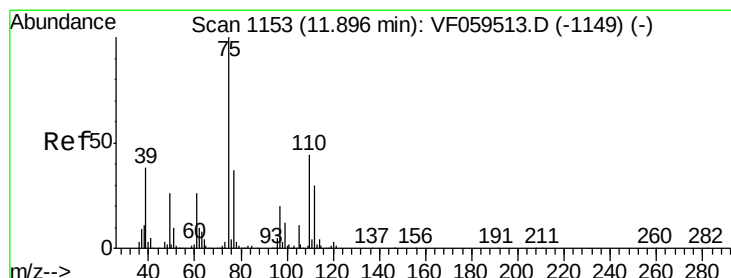
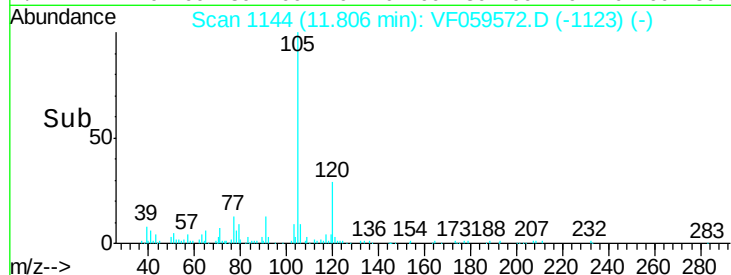
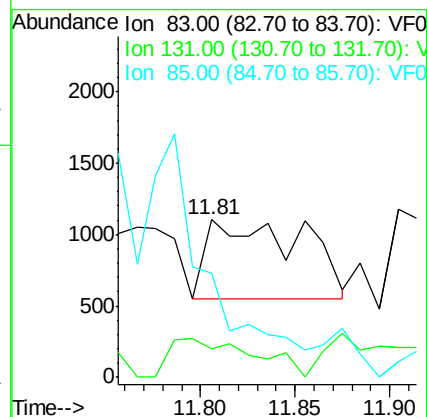
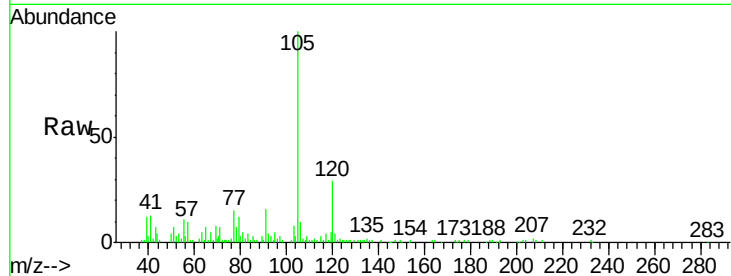
Tot Ion: 83 Resp: 1921

Ion Ratio Lower Upper

83 100

131 18.0 5.7 17.1#

85 66.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 1.237 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. 0.02 min

Lab File: VF059572.D

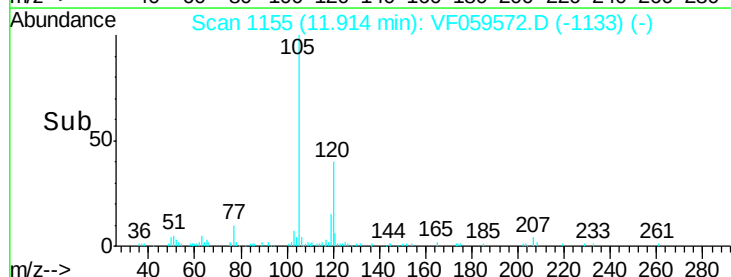
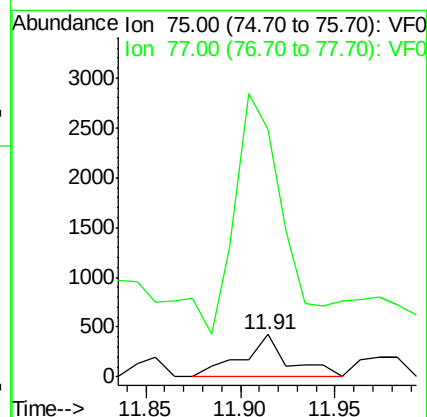
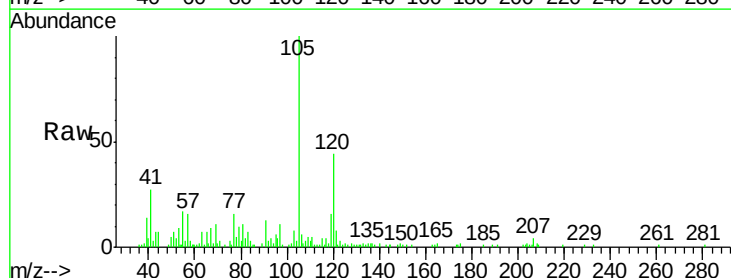
Acq: 19 Jul 2018 23:13

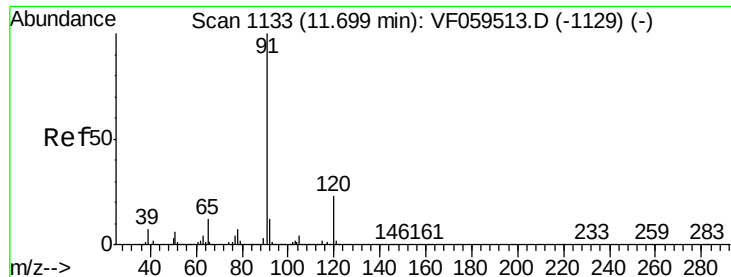
Tgt Ion: 75 Resp: 728

Ion Ratio Lower Upper

75 100

77 585.2 18.7 56.1#





#78

n-propylbenzene

Concen: 2.330 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. -0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

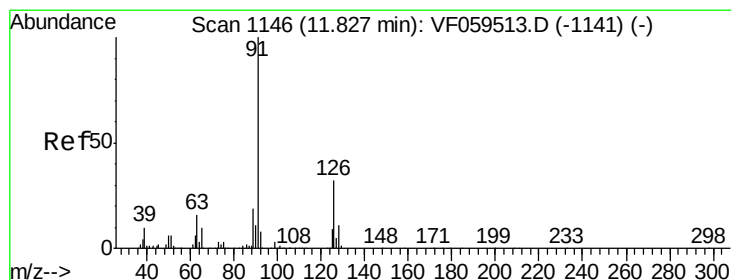
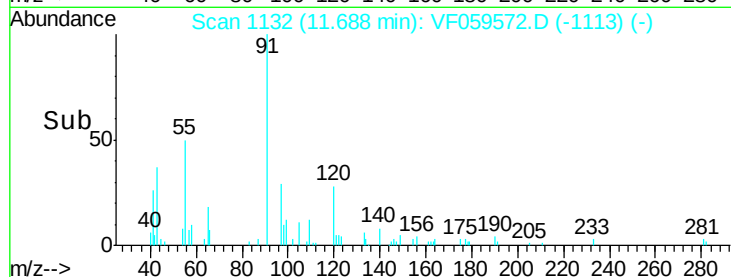
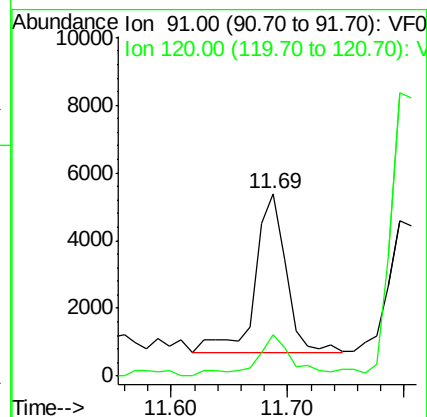
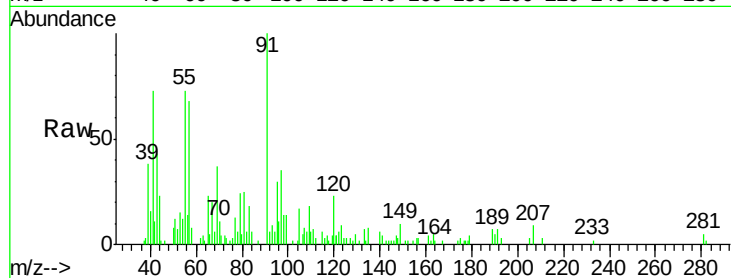
ClientSampleId :

Tot Ion: 91 Resp: 8831

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.9



#79

2-Chlorotoluene

Concen: 3.856 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.03 min

Lab File: VF059572.D

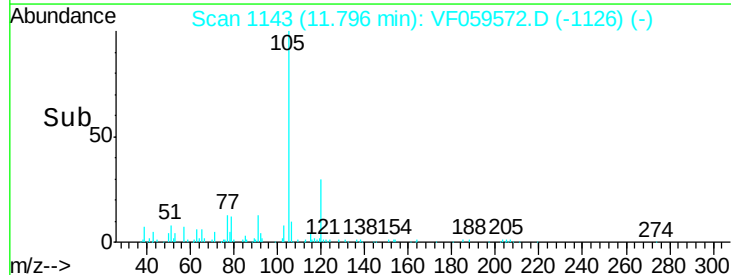
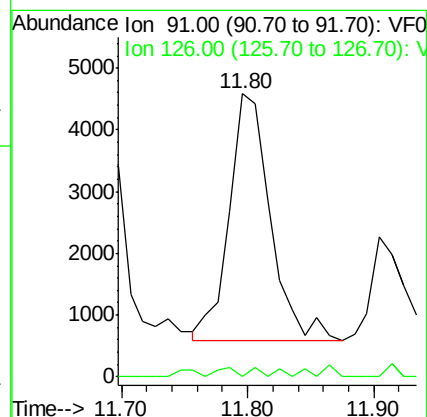
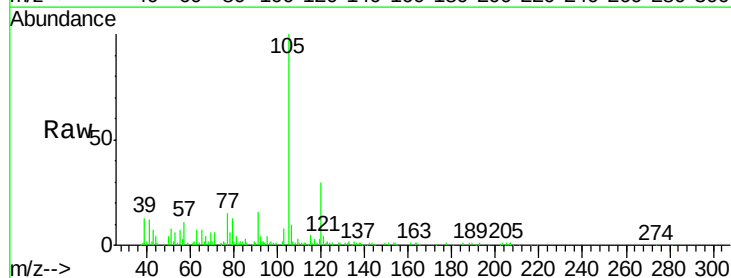
Acq: 19 Jul 2018 23:13

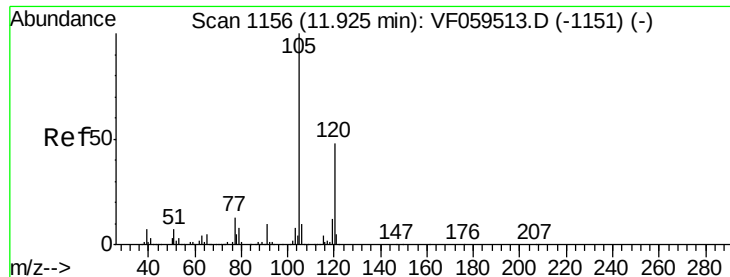
Tgt Ion: 91 Resp: 9003

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#





#80

1,3,5-Trimethylbenzene

Concen: 9.578 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

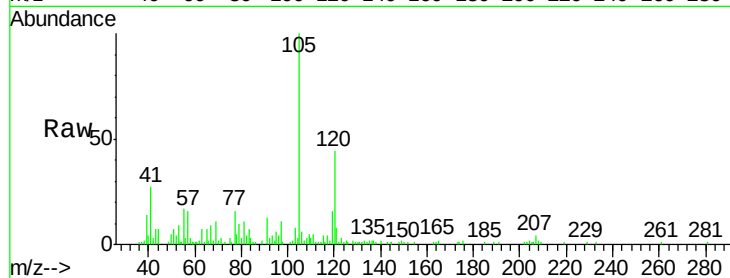
ClientSampled :

Tot Ion:105 Resp: 26518

Ion Ratio Lower Upper

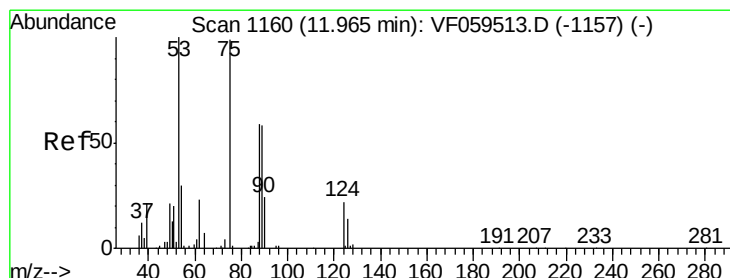
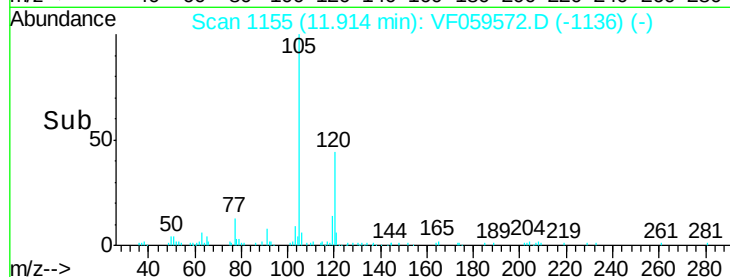
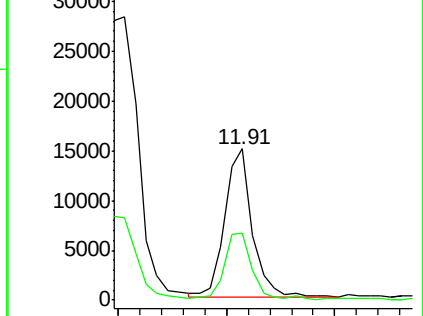
105 100

120 44.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.231 ug/l

RT: 11.97 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

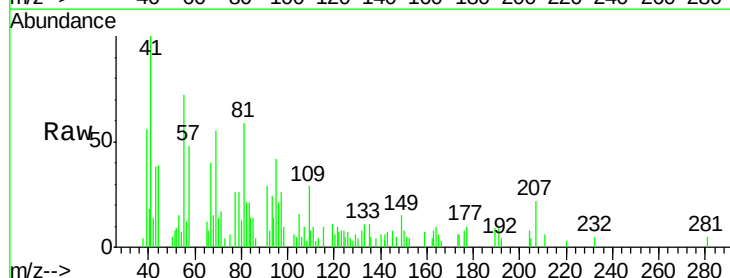
Tgt Ion: 75 Resp: 331

Ion Ratio Lower Upper

75 100

53 245.2 84.6 127.0#

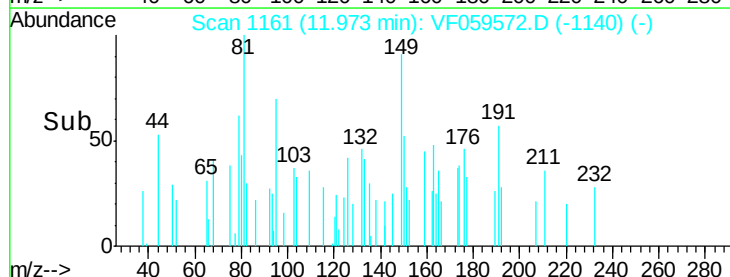
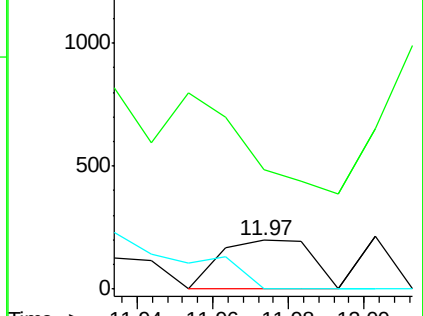
89 0.0 48.2 72.4#

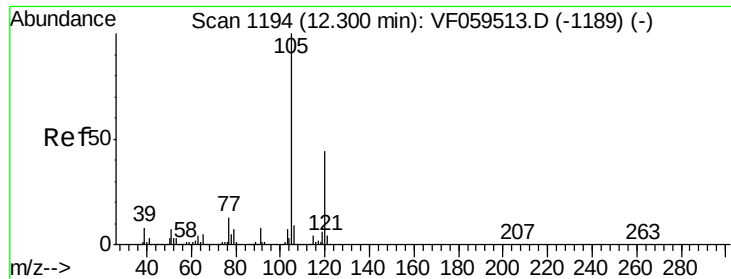


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

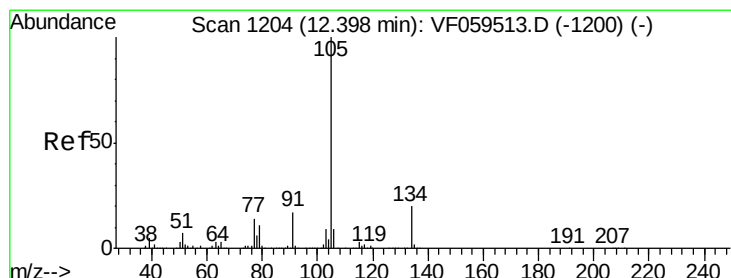
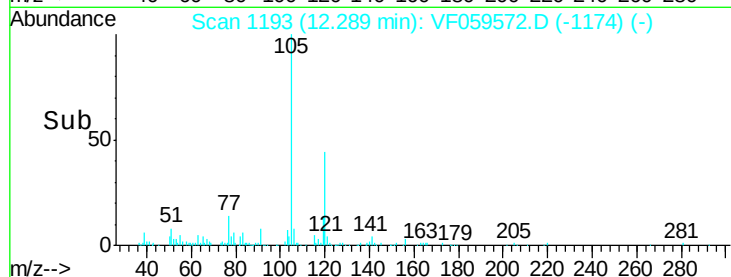
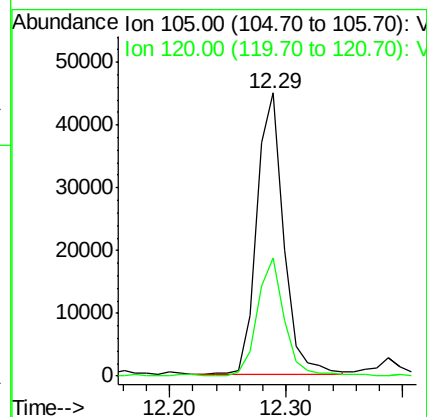
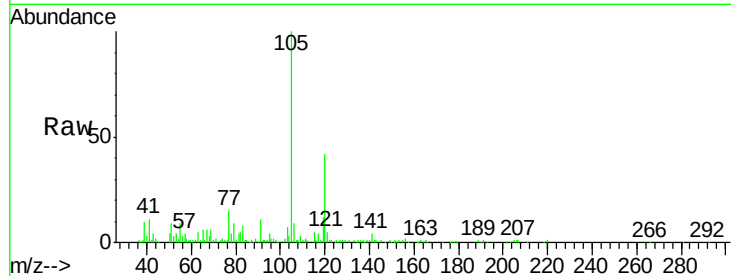




#84
 1,2,4-Trimethylbenzene
 Concen: 25.106 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VF059572.D
 Acq: 19 Jul 2018 23:13

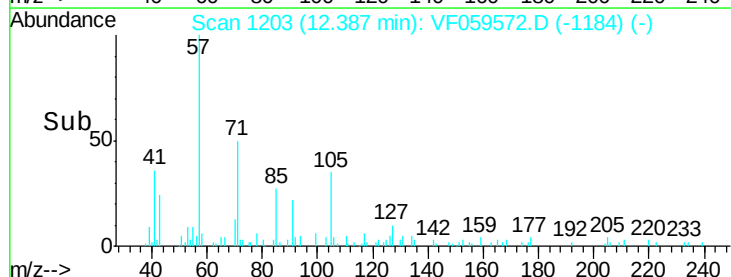
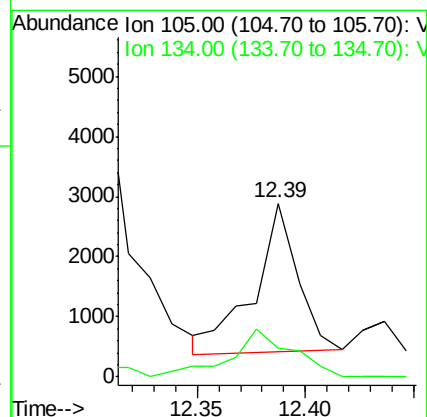
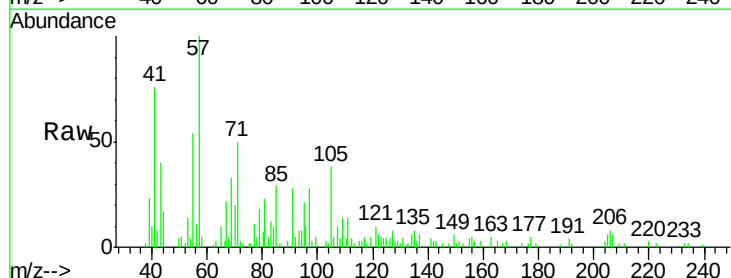
Instrument :
 MSVOA_F
 ClientSampleId :

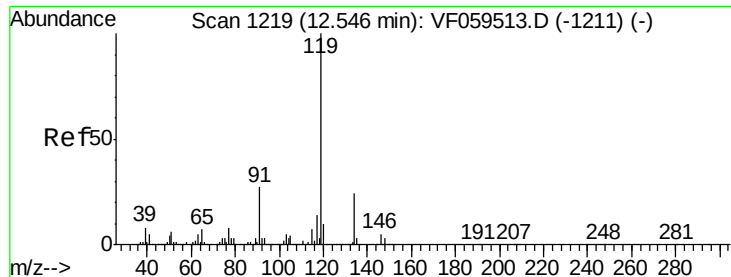
Tot Ion:105 Resp: 71515
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 1.027 ug/l
 RT: 12.39 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VF059572.D
 Acq: 19 Jul 2018 23:13

Tgt Ion:105 Resp: 3471
 Ion Ratio Lower Upper
 105 100
 134 16.3 10.1 30.1

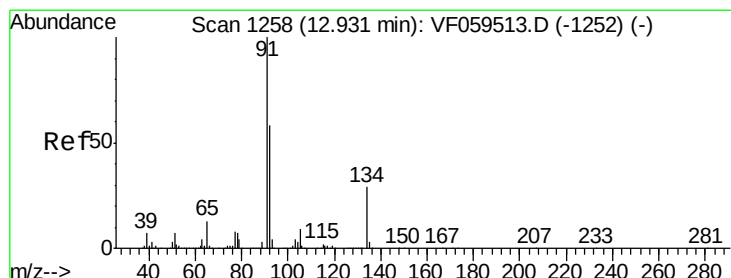
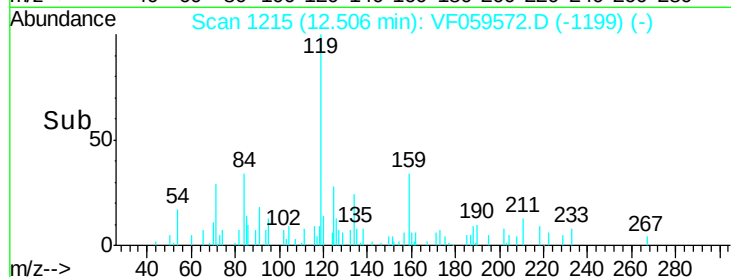
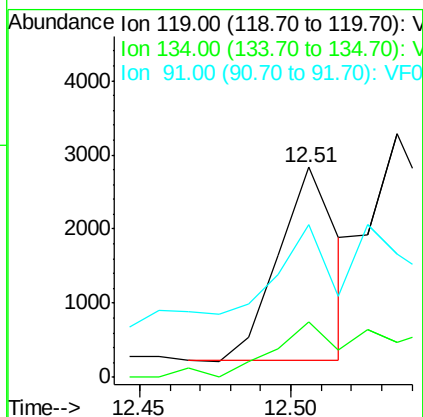
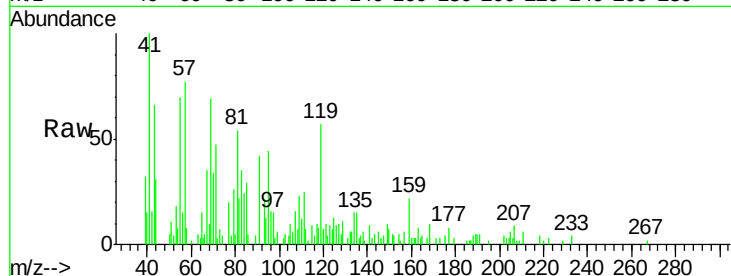




#86
p-Isopropyltoluene
Concen: 1.197 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. -0.04 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

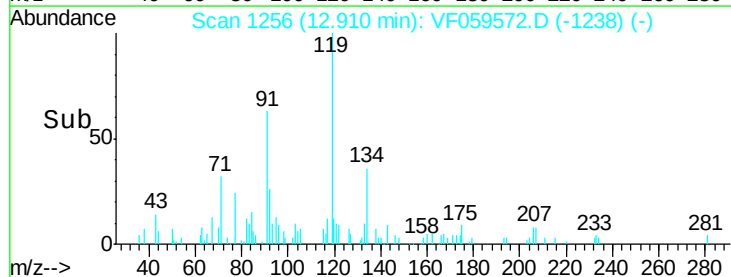
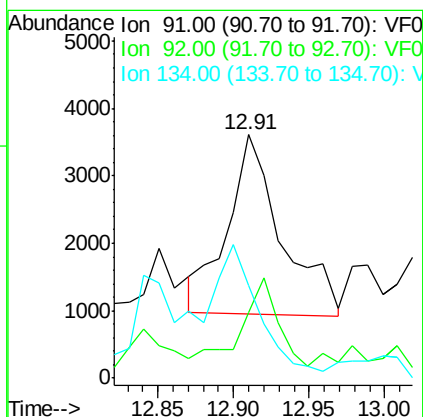
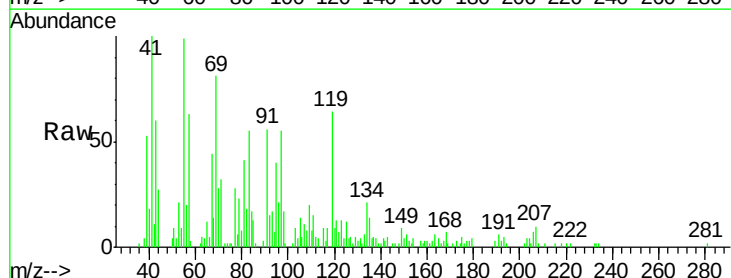
Instrument :
MSVOA_F
ClientSampled :

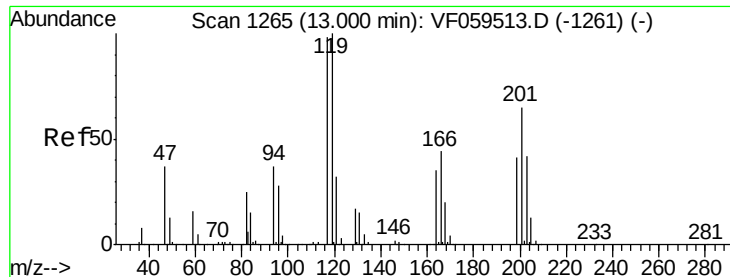
Tot Ion:119 Resp: 3519
Ion Ratio Lower Upper
119 100
134 26.2 12.0 36.0
91 72.5 13.5 40.4#



#89
n-Butylbenzene
Concen: 2.404 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.02 min
Lab File: VF059572.D
Acq: 19 Jul 2018 23:13

Tgt Ion: 91 Resp: 6614
Ion Ratio Lower Upper
91 100
92 27.3 29.1 87.3#
134 37.8 14.3 42.9





#90

Hexachloroethane

Concen: 1.370 ug/l

RT: 13.10 min Scan# 1275

Delta R.T. 0.10 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

Instrument :

MSVOA_F

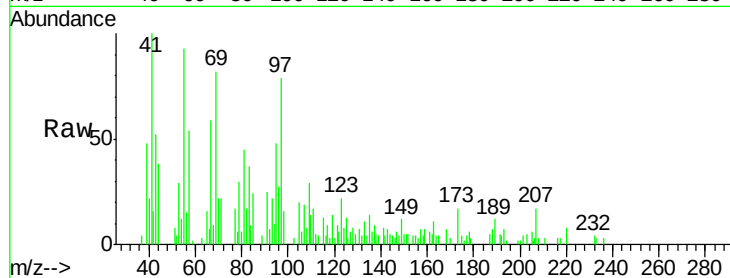
ClientSampled :

Tot Ion:117 Resp: 915

Ion Ratio Lower Upper

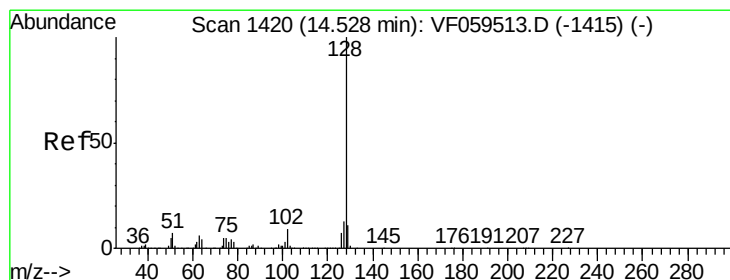
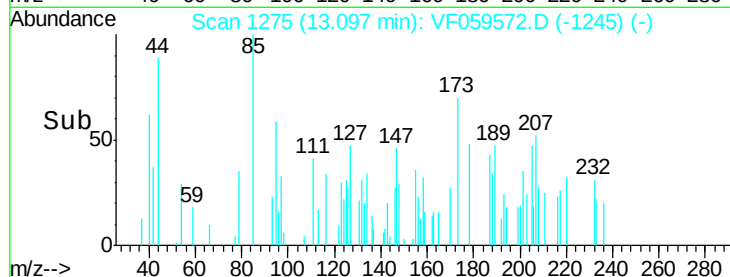
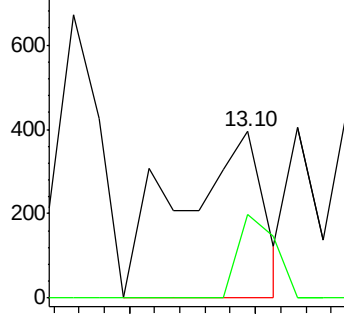
117 100

201 49.9 32.6 98.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#95

Naphthalene

Concen: 31.396 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059572.D

Acq: 19 Jul 2018 23:13

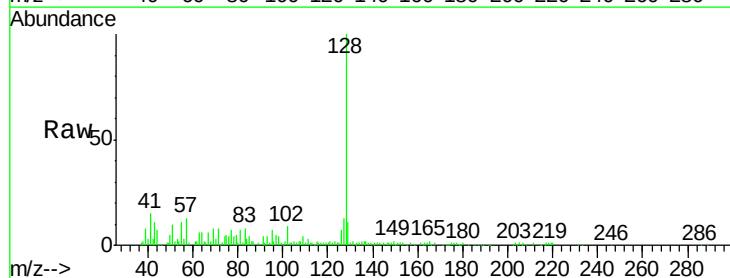
Tgt Ion:128 Resp: 60224

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.2 9.0 13.4



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

