

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059213.D
 Acq On : 20 Jun 2018 4:26
 Operator : VA/AP
 Sample : J3249-07
 Misc : 6.91µ/5mL/MSVOA-F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 20 06:54:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	136703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	249742	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	166033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	60081	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	141748	85.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	171.00%		
35) Dibromofluoromethane	4.28	113	118796	67.79	ug/l	-0.01
Spiked Amount 50.000			Recovery =	135.58%		
50) Toluene-d8	7.71	98	203161	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.92%		
62) 4-Bromofluorobenzene	11.51	95	75258	28.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	57.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	1208	1.008	ug/l #	81
8) Diethyl Ether	1.70	74	806	1.906	ug/l	82
11) Tert butyl alcohol	2.68	59	801	7.540	ug/l #	1
13) Acrolein	2.12	56	450	4.894	ug/l	85
15) Acrylonitrile	3.09	53	565	2.678	ug/l #	64
16) Acetone	2.33	43	79096	199.815	ug/l #	88
18) Methyl Acetate	2.44	43	12486	18.349	ug/l #	91
20) Methylene Chloride	2.27	84	10928	11.530	ug/l #	83
25) 2-Butanone	4.51	43	4861	7.921	ug/l #	84
29) Tetrahydrofuran	4.26	42	1421	5.255	ug/l #	55
39) Methylcyclohexane	5.75	83	3152	1.277	ug/l #	35
49) 1,4-Dioxane	6.80	88	75	20.497	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	11553	8.415	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.78	63	388	2.935	ug/l	100
59) 2-Hexanone	9.63	43	2651	2.441	ug/l #	60
67) Ethyl Benzene	10.04	91	11832	2.071	ug/l	99
68) m/p-Xylenes	10.26	106	17072	7.982	ug/l	75
69) o-Xylene	10.82	106	20957	9.066	ug/l	99
73) Isopropylbenzene	11.22	105	15132	3.638	ug/l	93
74) N-amyl acetate	11.55	43	5250	3.533	ug/l #	30
75) 1,1,2,2-Tetrachloroethane	11.87	83	2106	2.135	ug/l #	54
76) 1,2,3-Trichloropropane	11.90	75	1085	1.490	ug/l #	1
78) n-propylbenzene	11.69	91	61838	12.560	ug/l	97
79) 2-Chlorotoluene	11.80	91	27579	9.482	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.91	105	78960	22.935	ug/l	91
83) tert-Butylbenzene	12.29	119	42333	12.384	ug/l #	64
84) 1,2,4-Trimethylbenzene	12.29	105	359566	100.798	ug/l	96
85) sec-Butylbenzene	12.39	105	56028	12.062	ug/l	100
86) p-Isopropyltoluene	12.51	119	97548	25.568	ug/l	99
89) n-Butylbenzene	12.91	91	105260	24.694	ug/l #	63
90) Hexachloroethane	13.00	117	4410	4.694	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.69	75	1399	7.232	ug/l #	45
93) 1,2,4-Trichlorobenzene	14.26	180	2407	1.848	ug/l #	1
95) Naphthalene	14.53	128	47076	16.923	ug/l #	23

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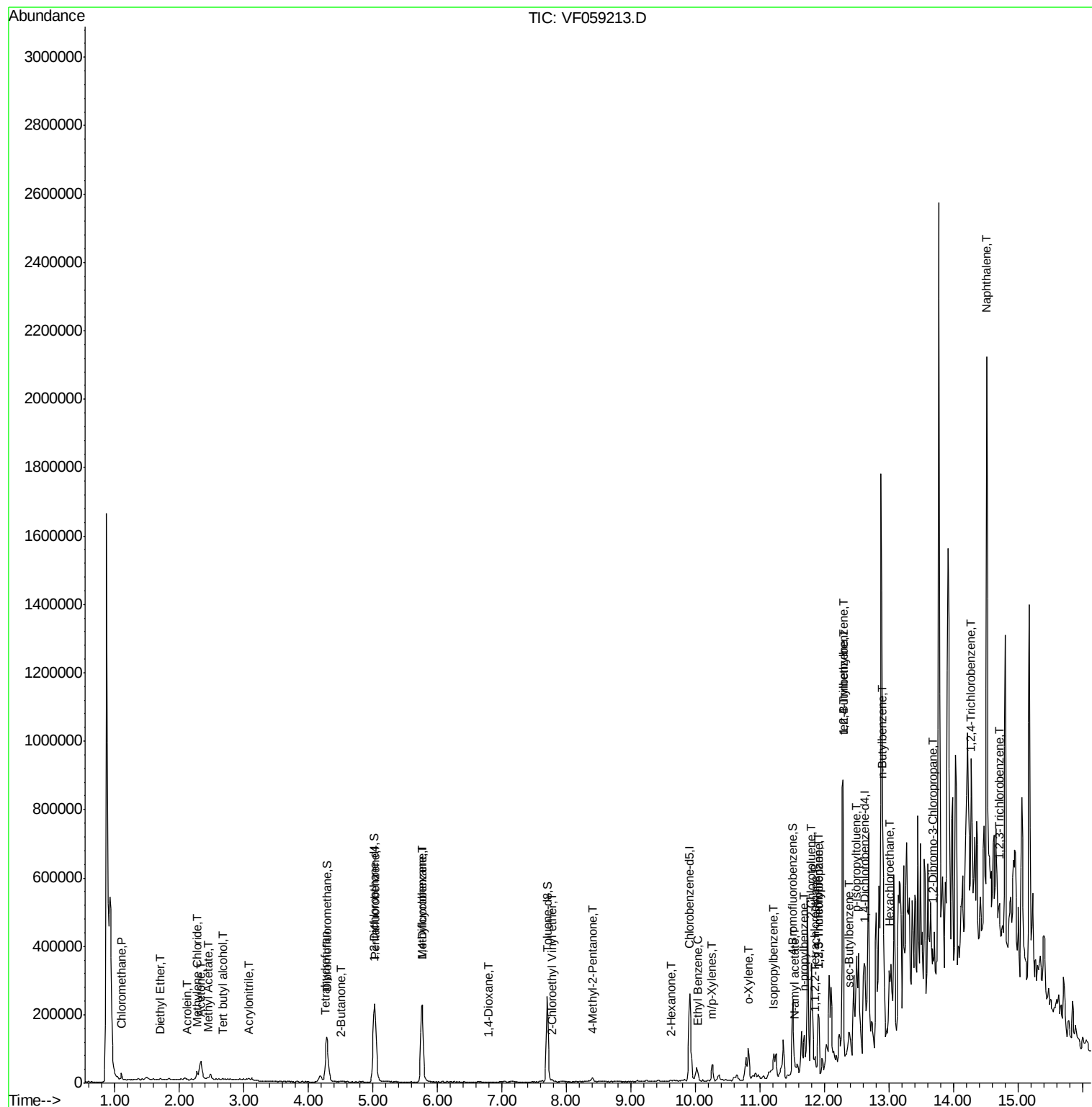
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.70	180	12482	10.372	ug/l #	23

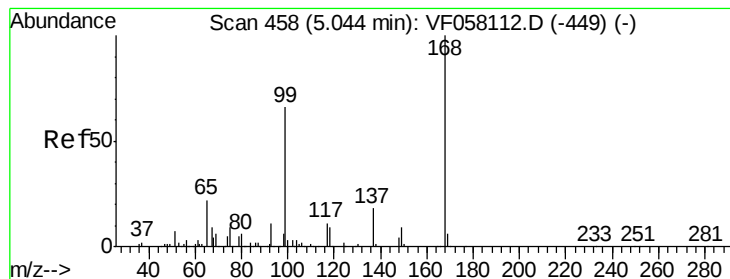
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

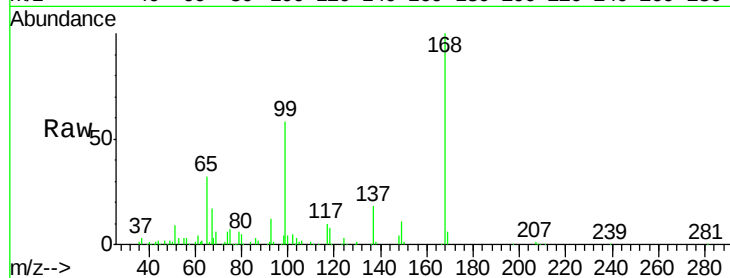
ClientSampleId :

Tot Ion:168 Resp: 136703

Ion Ratio Lower Upper

168 100

99 58.1 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

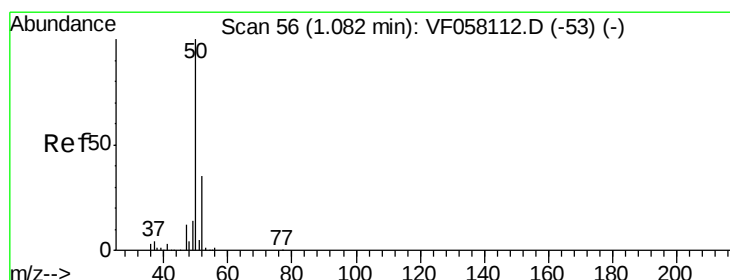
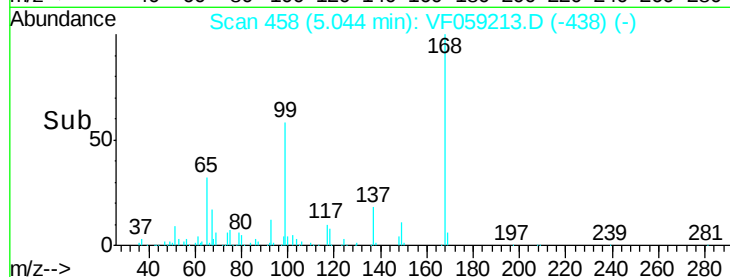
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#3

Chloromethane

Concen: 1.008 ug/l

RT: 1.10 min Scan# 58

Delta R.T. 0.02 min

Lab File: VF059213.D

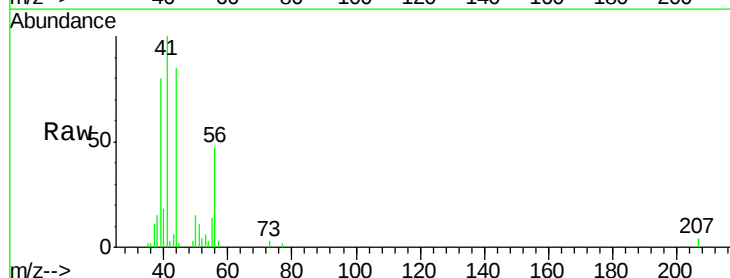
Acq: 20 Jun 2018 4:26

Tgt Ion: 50 Resp: 1208

Ion Ratio Lower Upper

50 100

52 23.5 27.3 40.9#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1200

1000

800

600

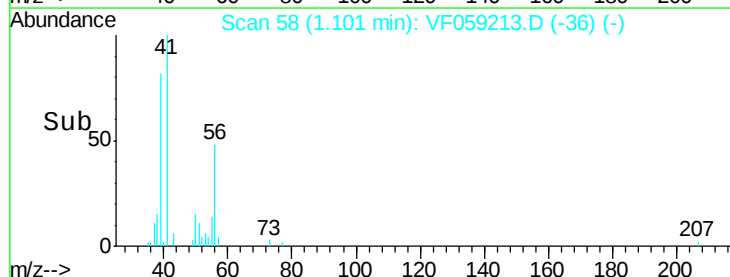
400

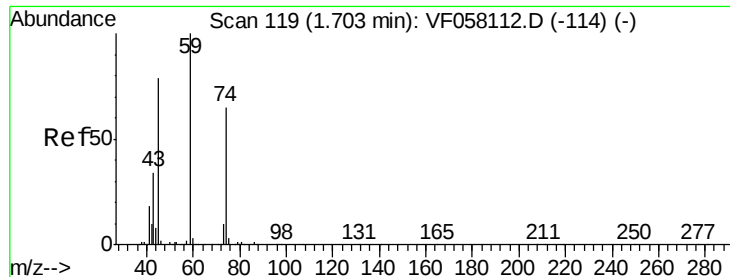
200

0

1.05 1.10 1.15

Time-->





#8

Diethyl Ether

Concen: 1.906 ug/l

RT: 1.70 min Scan# 119

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

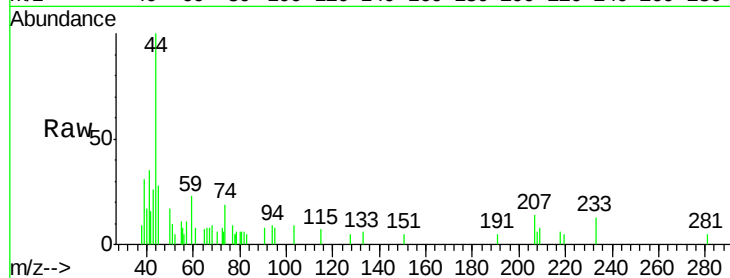
ClientSampleId :

Tot Ion: 74.00 (73.70 to 74.70): VF0

Ion Ratio Lower Upper

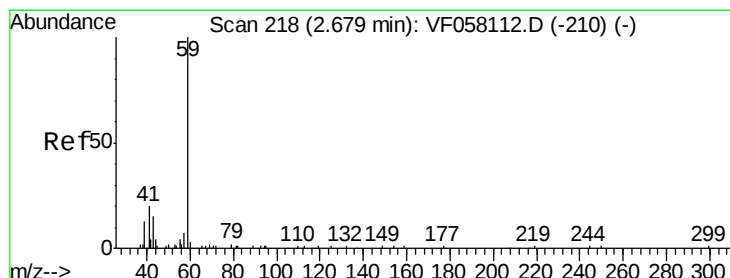
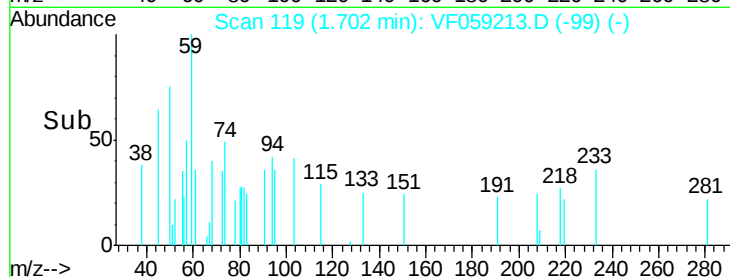
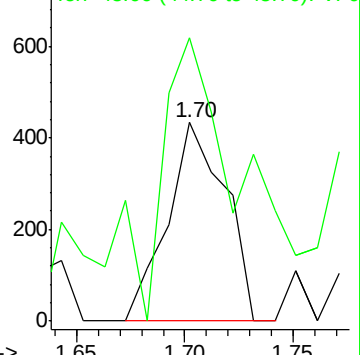
74 100

45 142.7 61.5 184.4



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



#11

Tert butyl alcohol

Concen: 7.540 ug/l

RT: 2.68 min Scan# 218

Delta R.T. -0.00 min

Lab File: VF059213.D

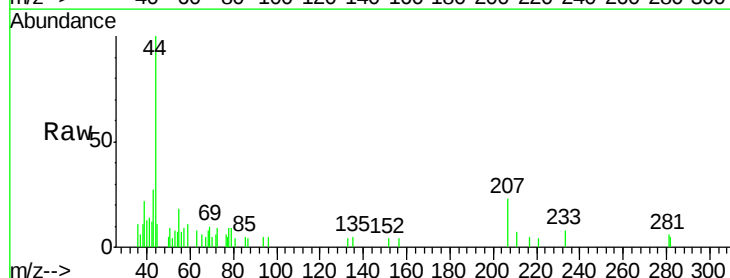
Acq: 20 Jun 2018 4:26

Tgt Ion: 59 Resp: 801

Ion Ratio Lower Upper

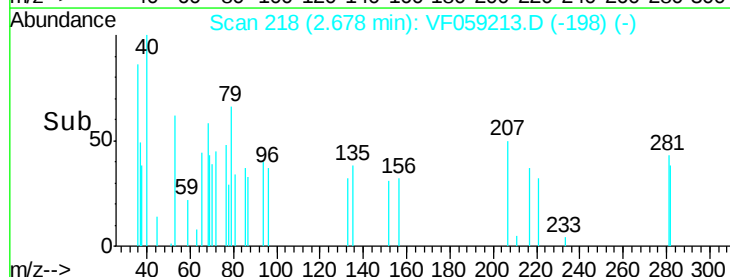
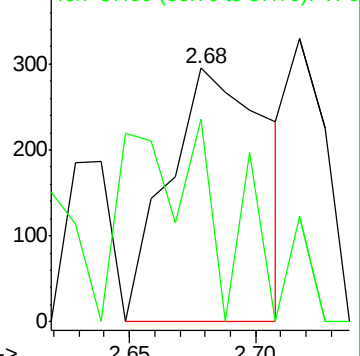
59 100

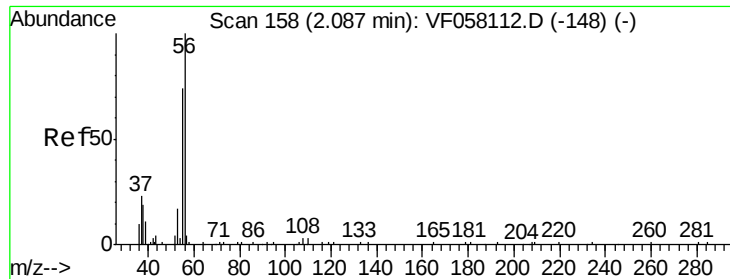
57 80.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#13

Acrolein

Concen: 4.894 ug/l

RT: 2.12 min Scan# 161

Delta R.T. 0.03 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

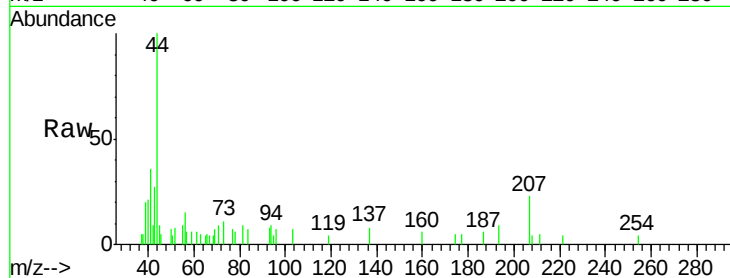
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 450

Ion Ratio Lower Upper

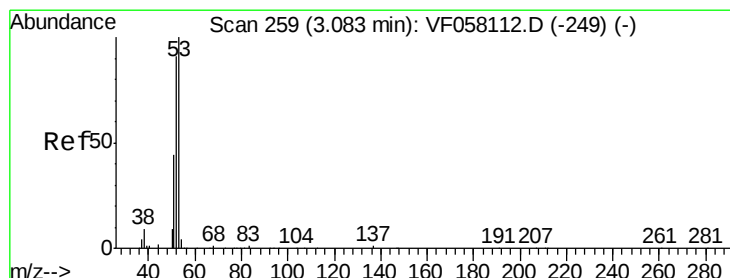
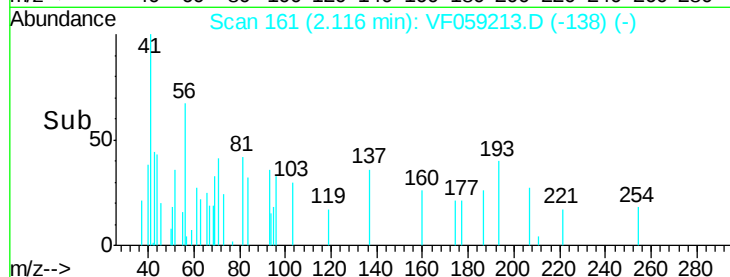
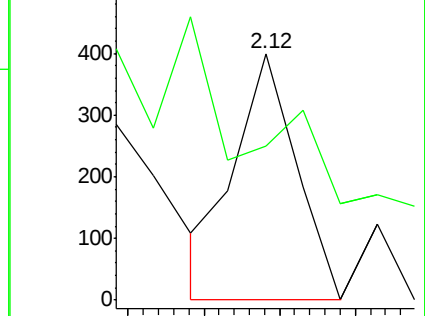
56 100

55 62.5 60.0 90.0



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#15

Acrylonitrile

Concen: 2.678 ug/l

RT: 3.09 min Scan# 260

Delta R.T. 0.01 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

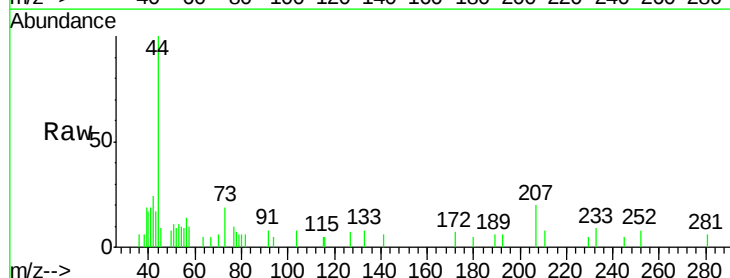
Tgt Ion: 53 Resp: 565

Ion Ratio Lower Upper

53 100

52 82.7 73.2 109.8

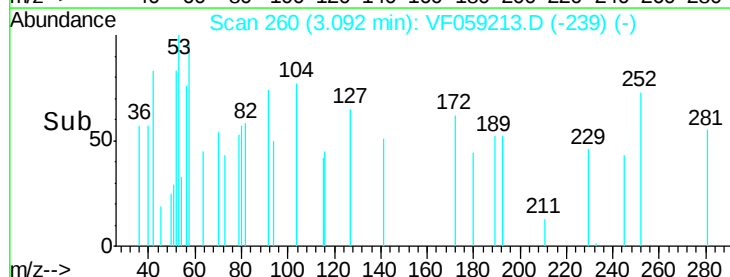
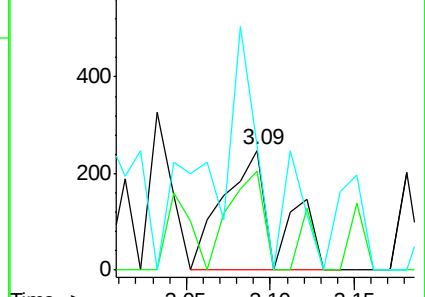
51 103.6 35.6 53.4#

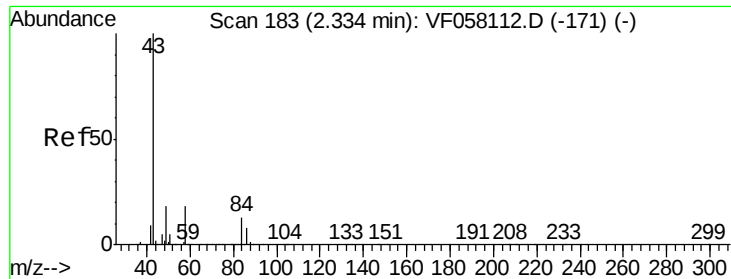


Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

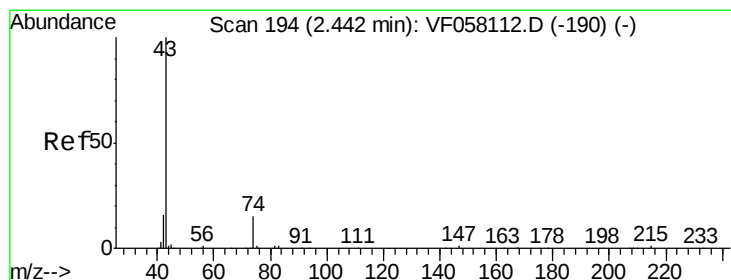
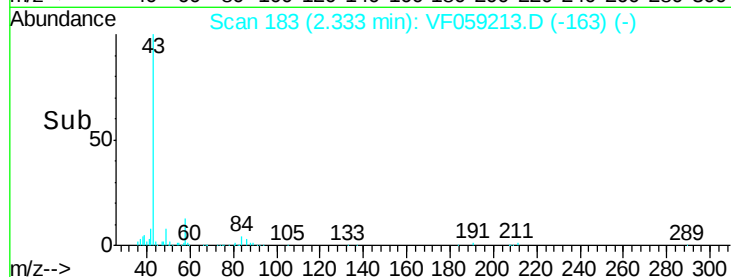
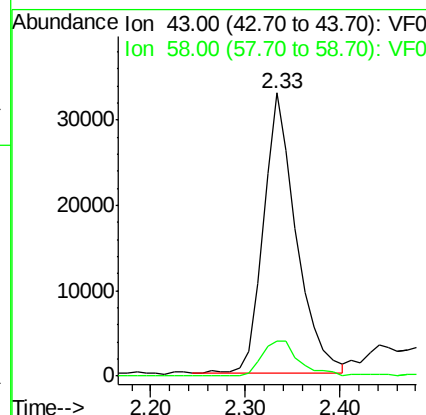
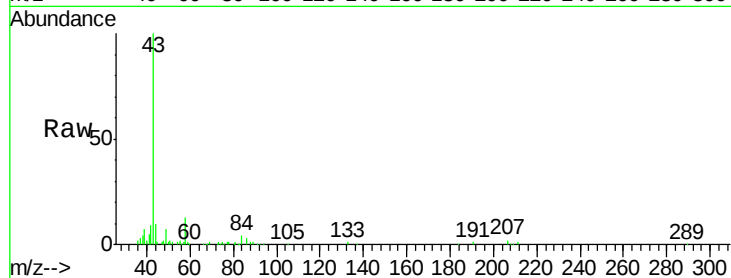




#16
Acetone
Concen: 199.815 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.00 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

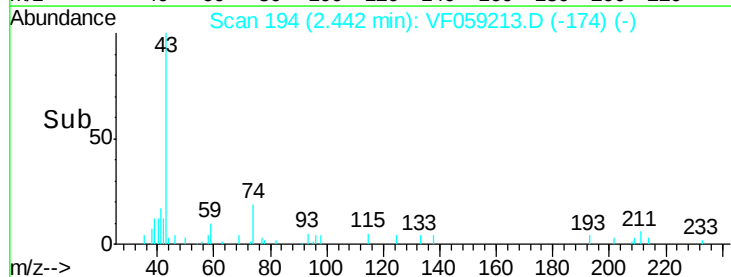
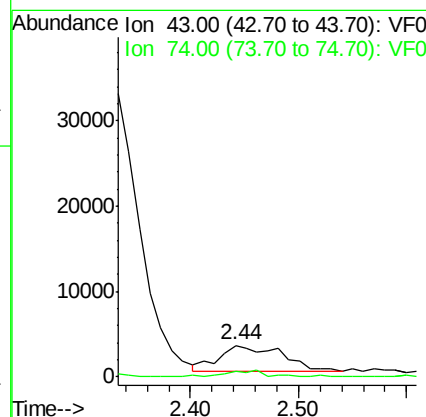
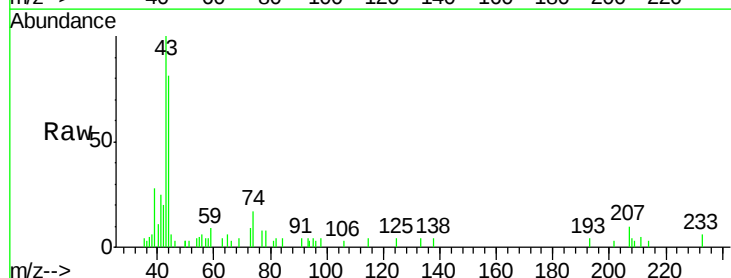
Instrument :
MSVOA_F
ClientSampleId :

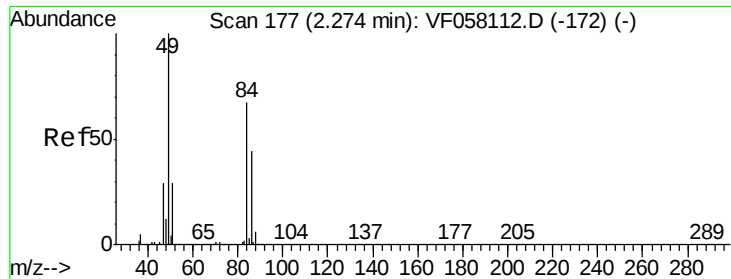
Tot Ion: 43 Resp: 79096
Ion Ratio Lower Upper
43 100
58 12.6 14.4 21.6#



#18
Methyl Acetate
Concen: 18.349 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

Tgt Ion: 43 Resp: 12486
Ion Ratio Lower Upper
43 100
74 17.3 10.9 16.3#

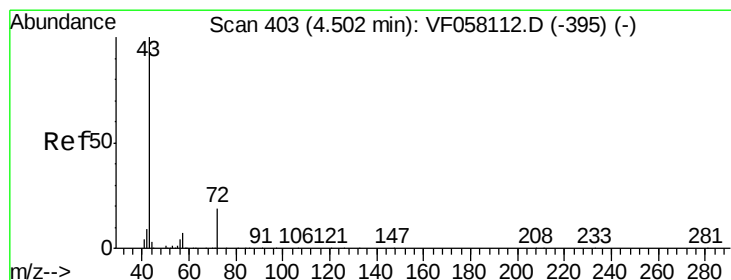
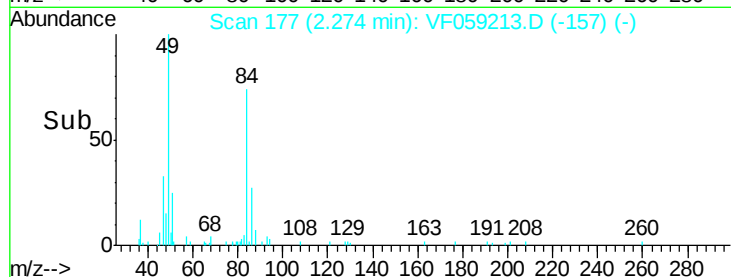
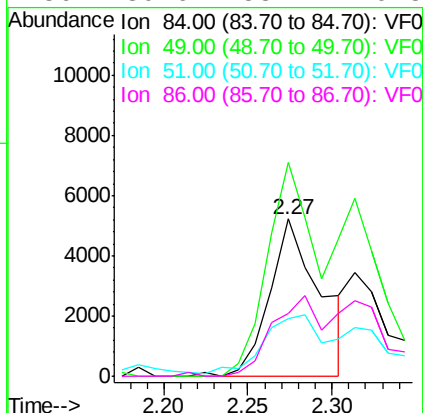
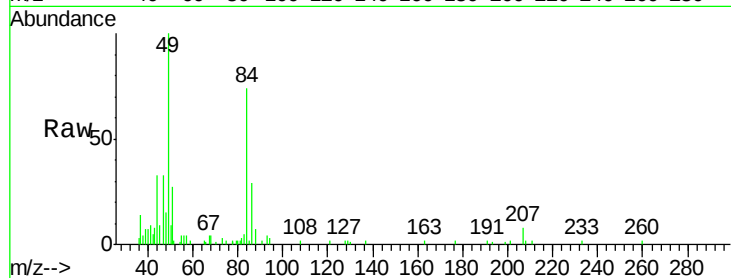




#20
Methvlene Chloride
Concen: 11.530 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

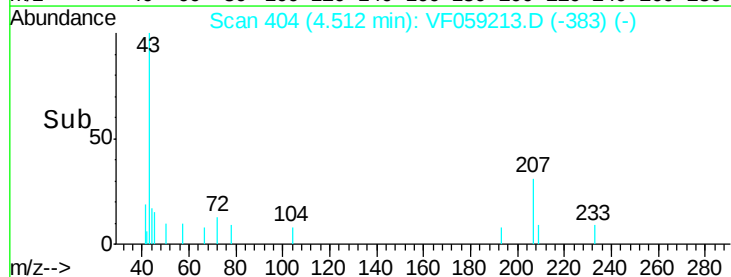
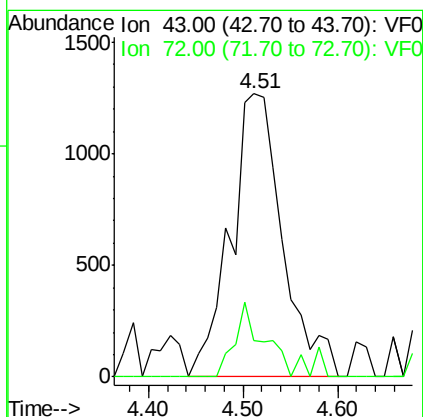
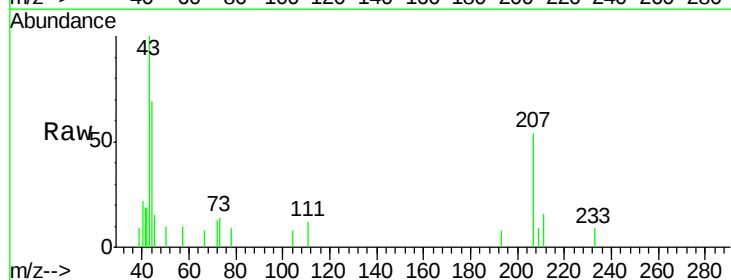
Instrument :
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ClientSampleId :

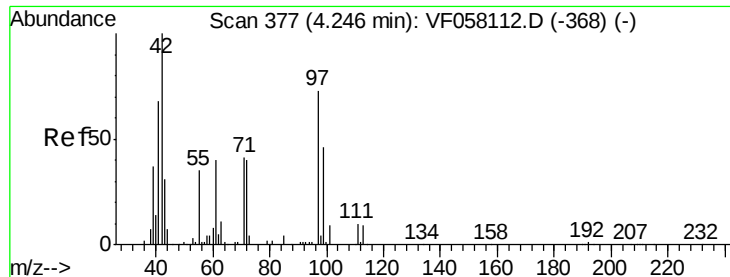
Tot Ion: 84 Resp: 10928
Ion Ratio Lower Upper
84 100
49 135.7 121.0 181.4
51 39.1 35.8 53.6
86 39.6 53.2 79.8#



#25
2-Butanone
Concen: 7.921 ug/l
RT: 4.51 min Scan# 404
Delta R.T. 0.01 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

Tgt Ion: 43 Resp: 4861
Ion Ratio Lower Upper
43 100
72 12.8 16.1 24.1#





#29

Tetrahydrofuran

Concen: 5.255 ug/l

RT: 4.26 min Scan# 378

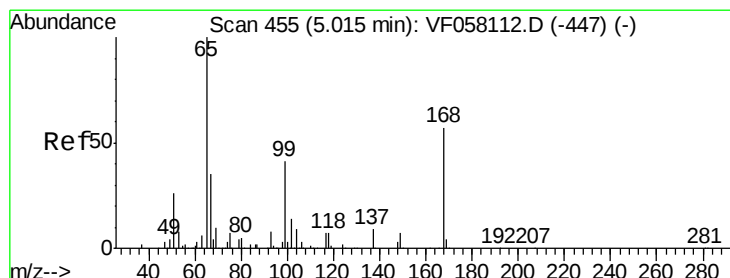
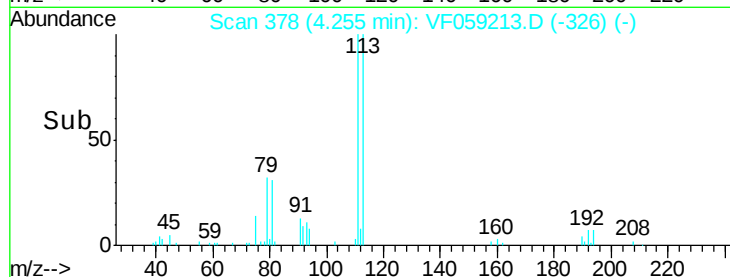
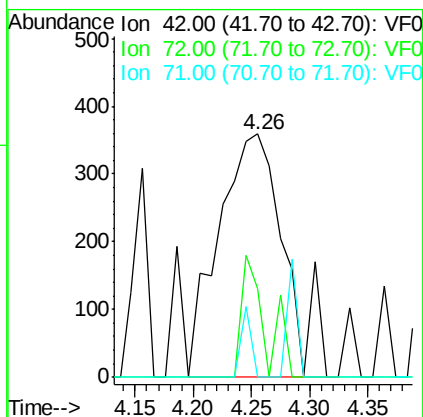
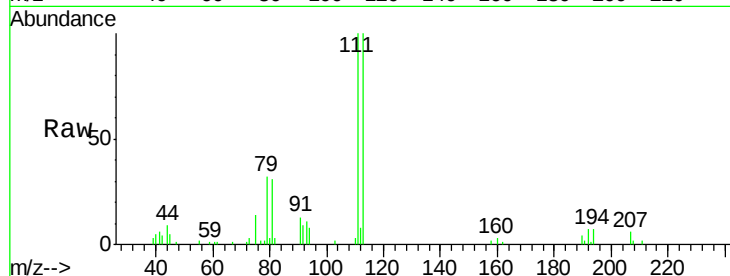
Delta R.T. 0.01 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	42	Resp:	1421
Ion	Ratio	Lower	Upper
42	100		
72	17.9	30.5	45.7#
71	4.4	31.5	47.3#



#33

1,2-Dichloroethane-d4

Concen: 85.497 ug/l

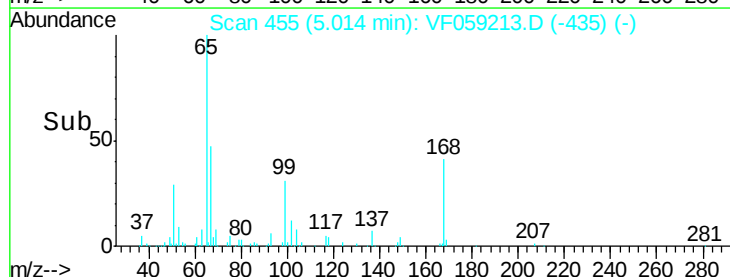
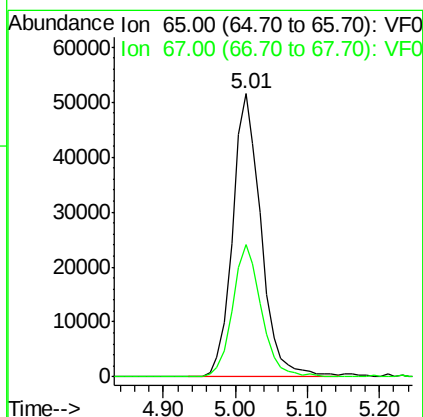
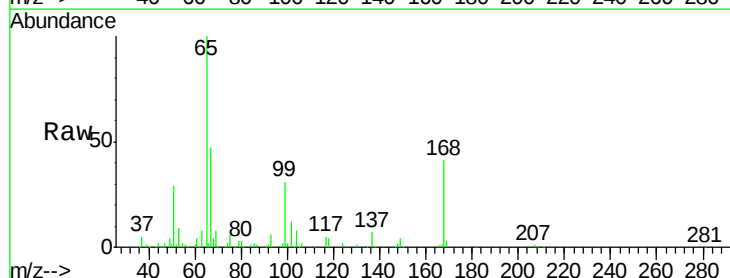
RT: 5.01 min Scan# 455

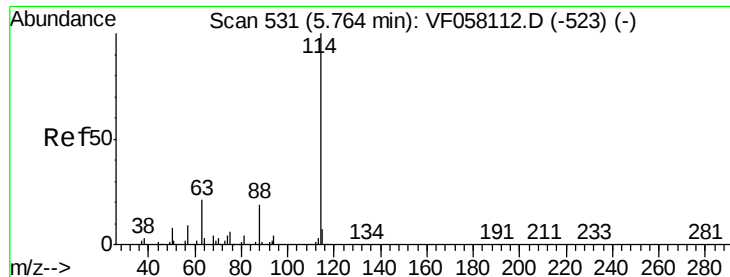
Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Tgt Ion:	65	Resp:	141748
Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

ClientSampleId :

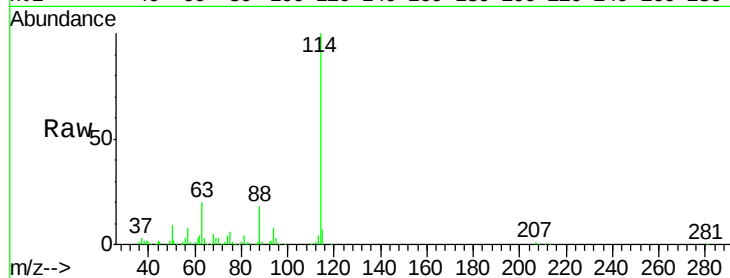
Tot Ion:114 Resp: 249742

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

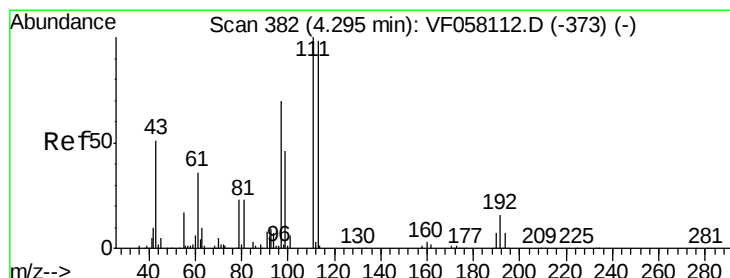
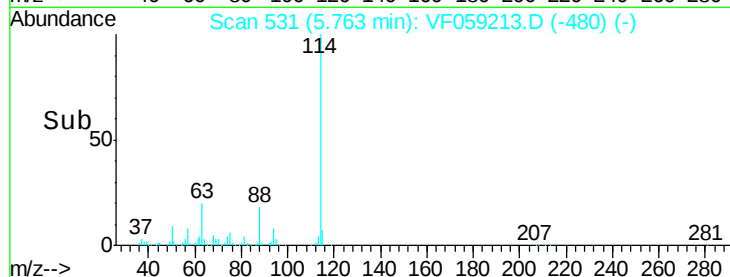
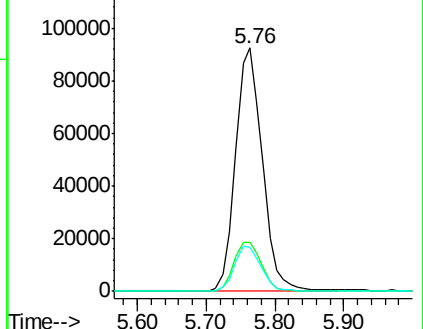
88 17.9 0.0 38.8



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: 67.792 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

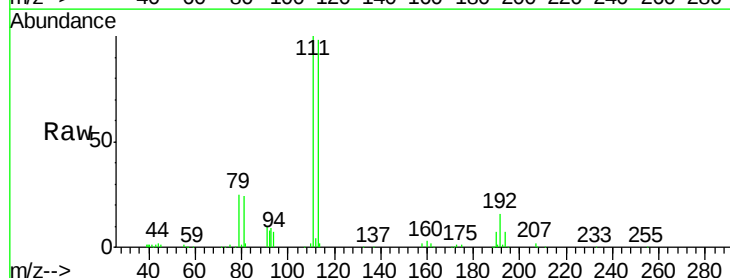
Tgt Ion:113 Resp: 118796

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

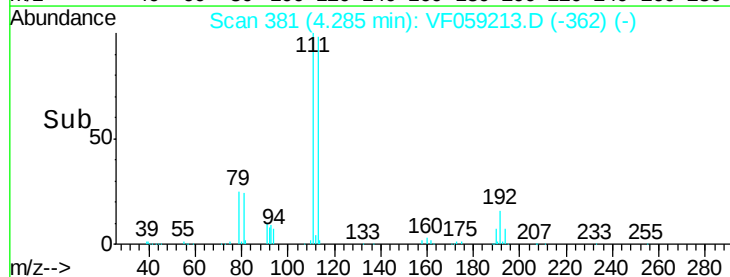
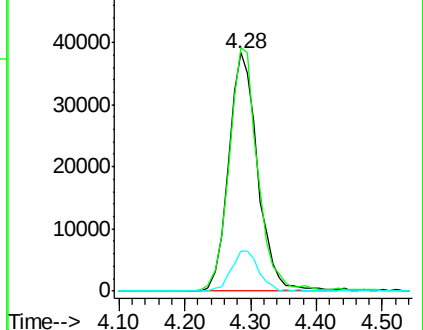
192 16.7 12.7 19.1

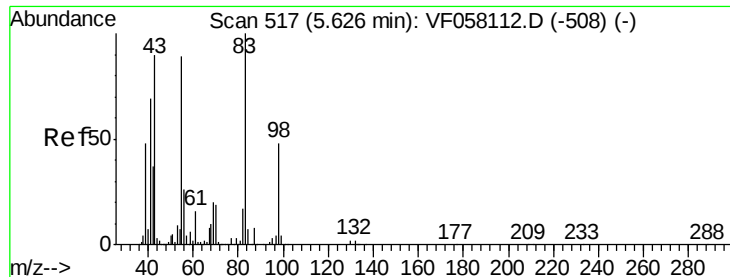


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#39

Methylcyclohexane

Concen: 1.277 ug/l

RT: 5.75 min Scan# 530

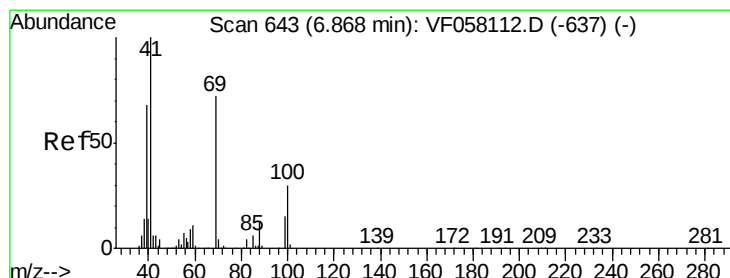
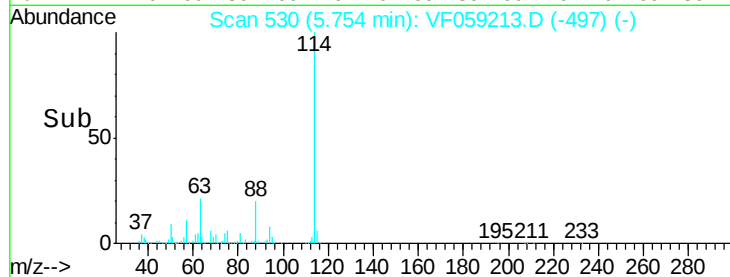
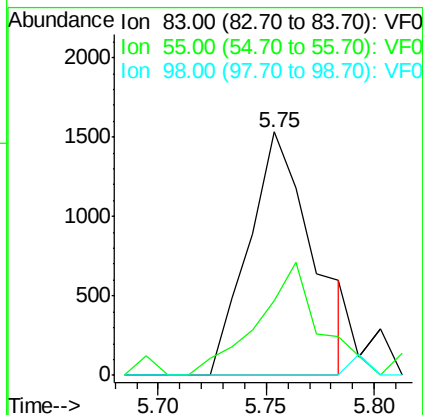
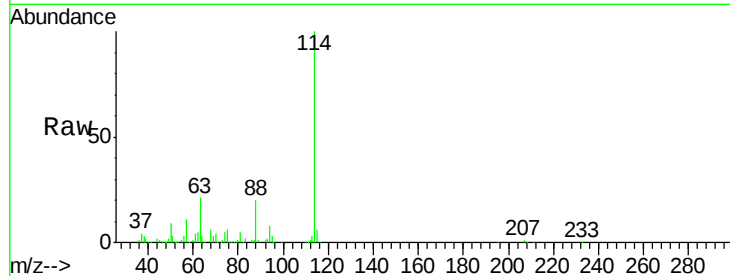
Delta R.T. 0.13 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	83	Resp:	3152
Ion	Ratio	Lower	Upper
83	100		
55	30.5	71.0	106.4#
98	0.0	38.1	57.1#



#49

1,4-Dioxane

Concen: 20.497 ug/l

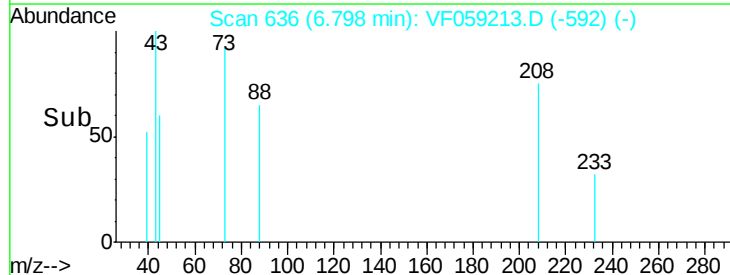
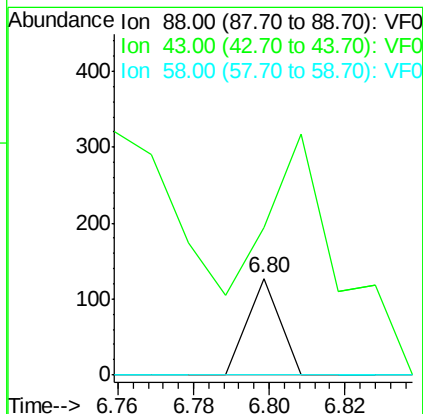
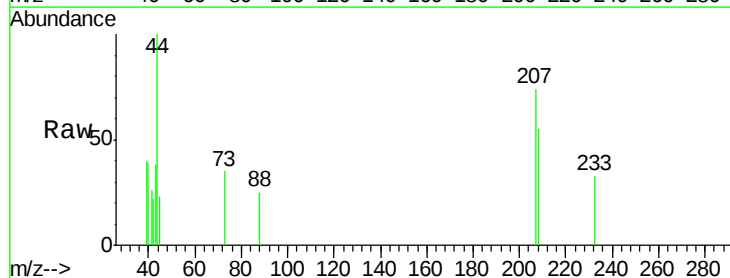
RT: 6.80 min Scan# 636

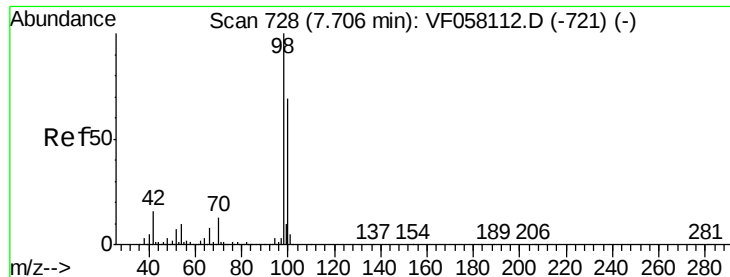
Delta R.T. -0.07 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Tgt Ion:	88	Resp:	75
Ion	Ratio	Lower	Upper
88	100		
43	152.8	47.8	71.8#
58	0.0	59.4	89.0#





#50

Toluene-d8

Concen: 39.463 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

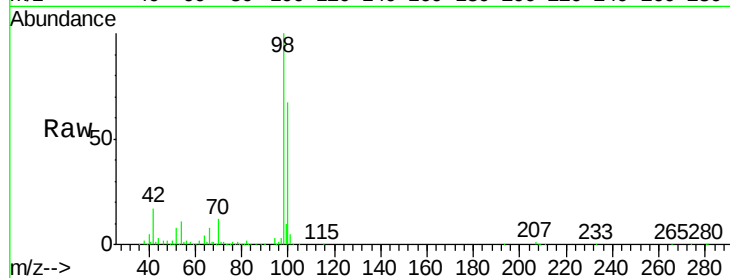
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 98 Resp: 203161

Ion Ratio Lower Upper

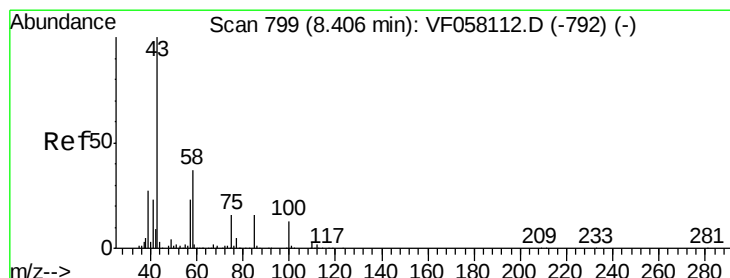
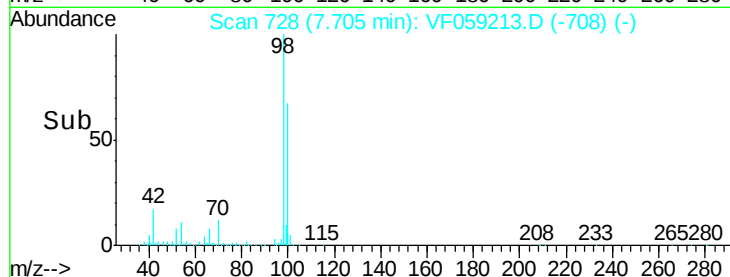
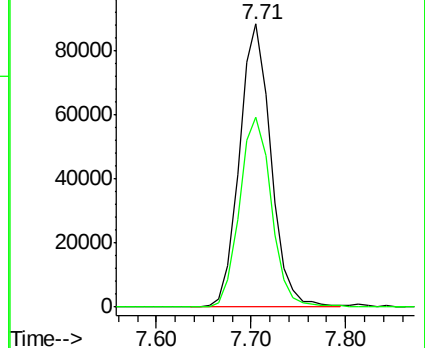
98 100

100 67.0 55.6 83.4



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: 8.415 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.00 min

Lab File: VF059213.D

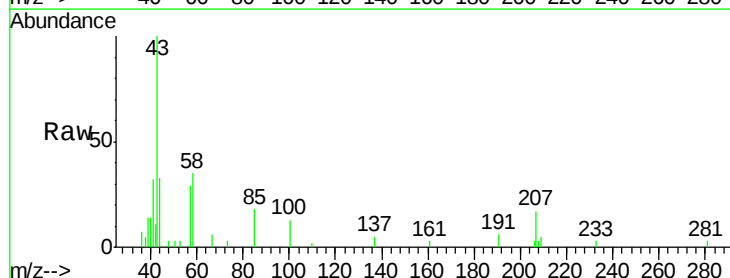
Acq: 20 Jun 2018 4:26

Tgt Ion: 43 Resp: 11553

Ion Ratio Lower Upper

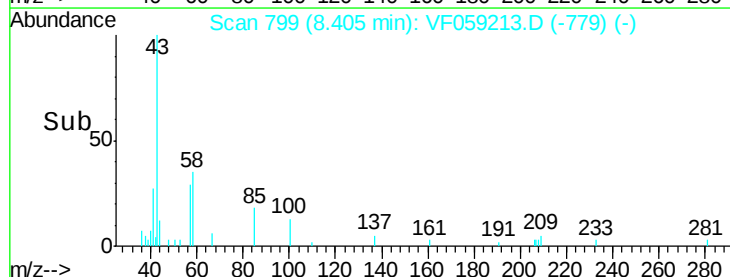
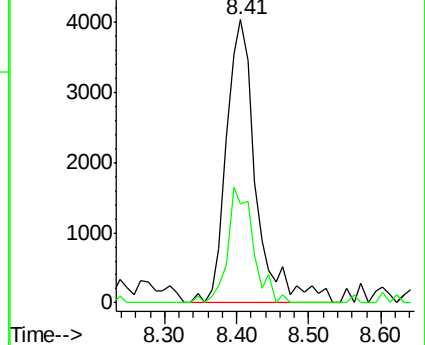
43 100

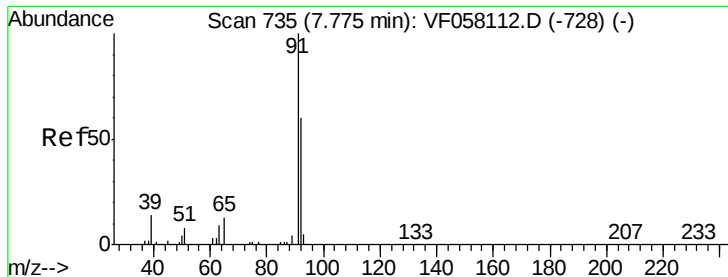
58 34.9 29.4 44.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#58

2-Chloroethyl Vinyl ether

Concen: 2.935 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

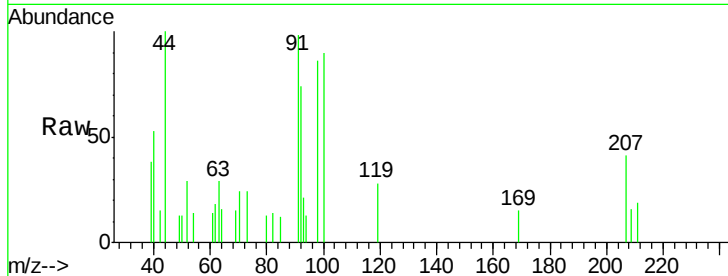
ClientSampled :

Tot Ion: 63 Resp: 388

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

7.78

250

200

150

100

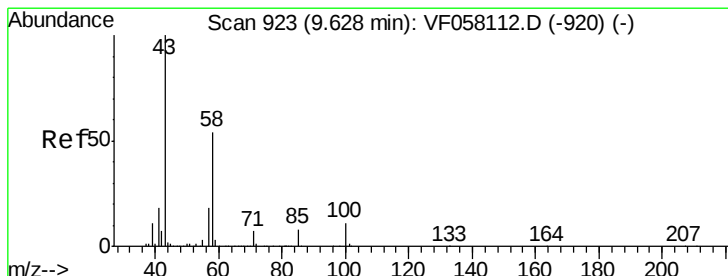
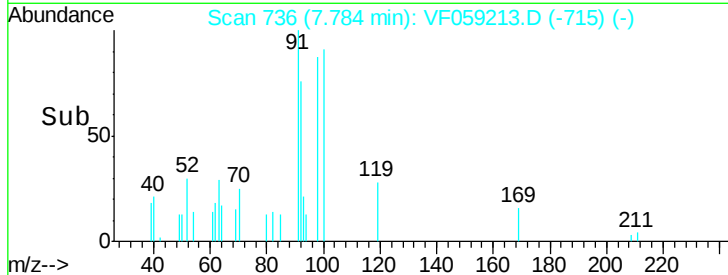
50

0

7.75

7.80

Time-->



#59

2-Hexanone

Concen: 2.441 ug/l

RT: 9.63 min Scan# 923

Delta R.T. -0.00 min

Lab File: VF059213.D

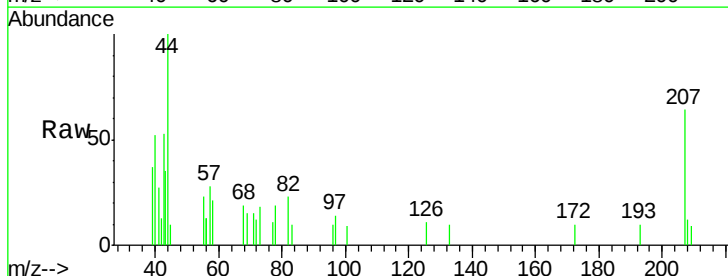
Acq: 20 Jun 2018 4:26

Tgt Ion: 43 Resp: 2651

Ion Ratio Lower Upper

43 100

58 24.3 26.3 78.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.63

1000

800

600

400

200

0

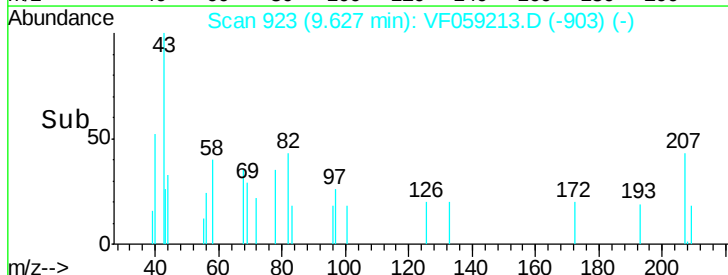
9.55

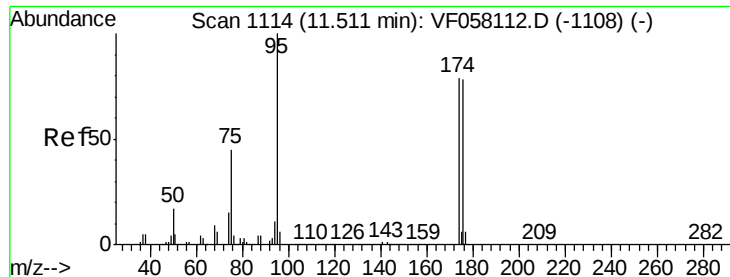
9.60

9.65

9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 28.502 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

ClientSampleId :

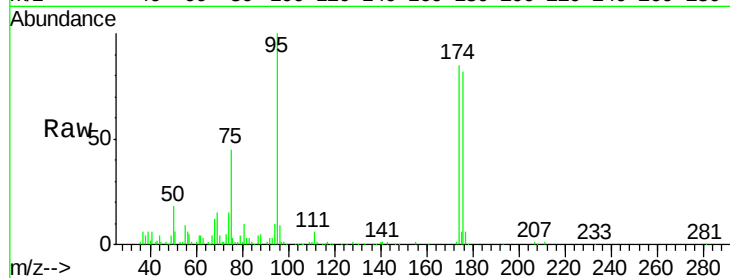
Tot Ion: 95 Resp: 75258

Ion Ratio Lower Upper

95 100

174 84.8 0.0 157.8

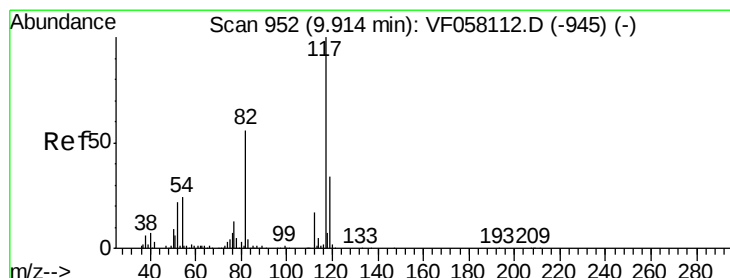
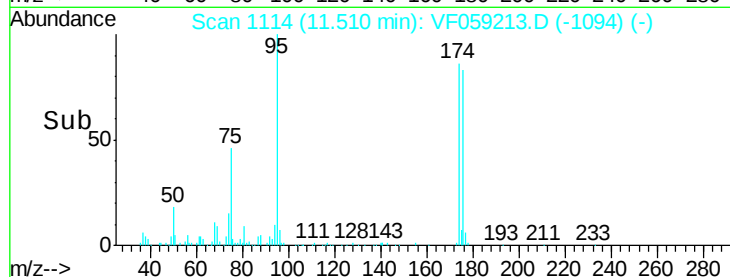
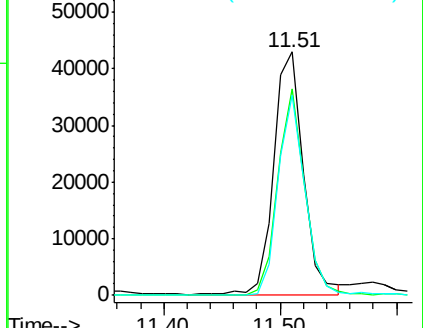
176 82.4 0.0 155.8



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: 9.91 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

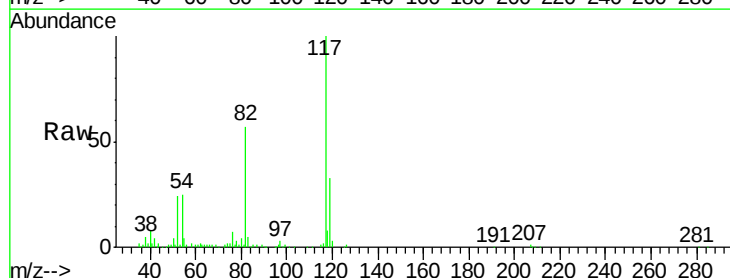
Tgt Ion: 117 Resp: 166033

Ion Ratio Lower Upper

117 100

82 57.4 45.2 67.8

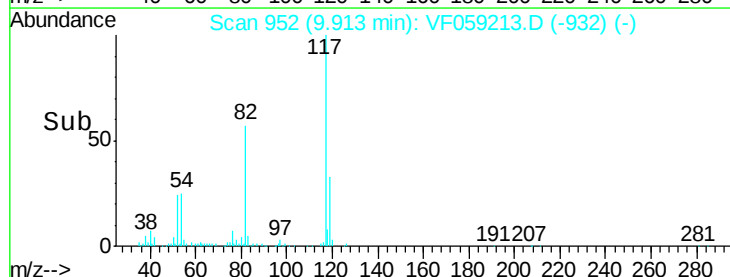
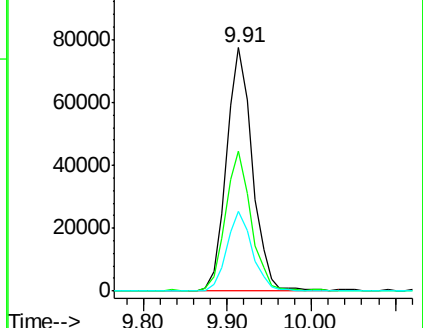
119 32.7 27.5 41.3

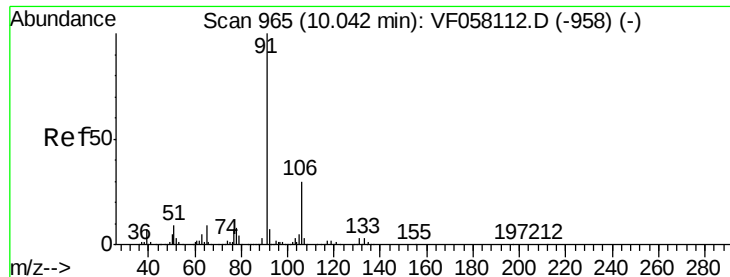


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 2.071 ug/l

RT: 10.04 min Scan# 965

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

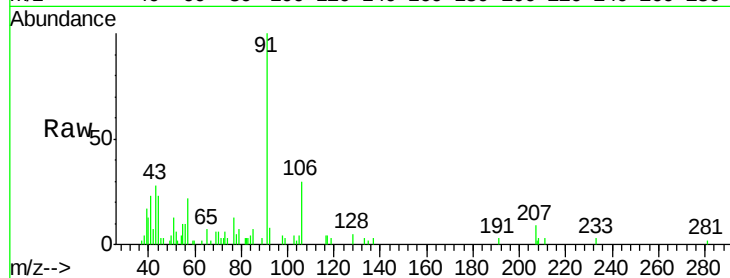
ClientSampleId :

Tot Ion: 91 Resp: 11832

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

6000

5000

4000

3000

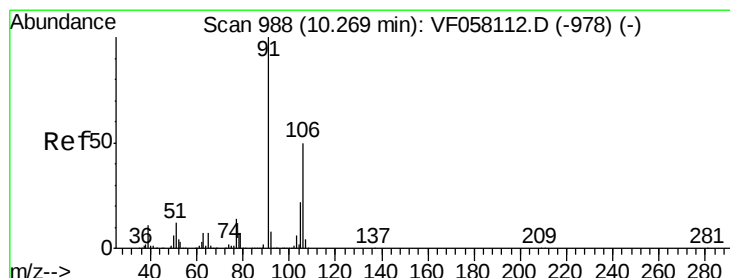
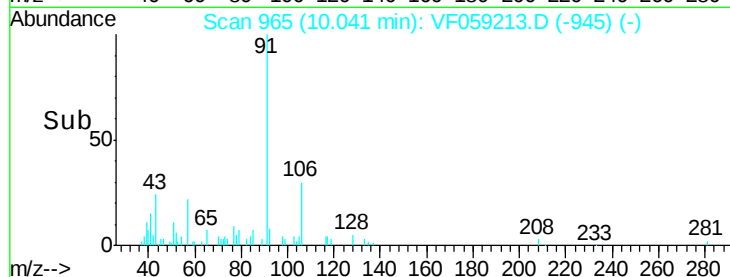
2000

1000

0

Time-->

9.90 10.00 10.10



#68

m/p-Xylenes

Concen: 7.982 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF059213.D

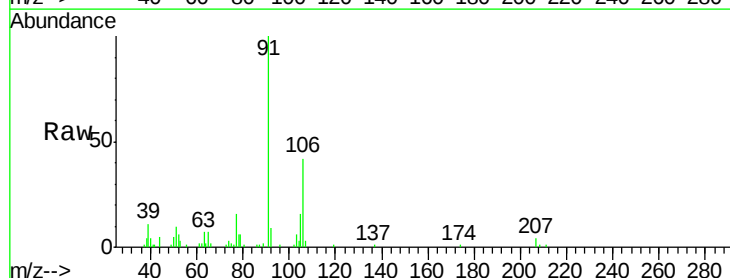
Acq: 20 Jun 2018 4:26

Tgt Ion: 106 Resp: 17072

Ion Ratio Lower Upper

106 100

91 239.0 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

20000

15000

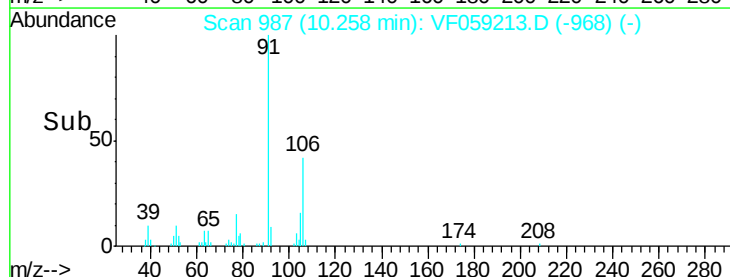
10000

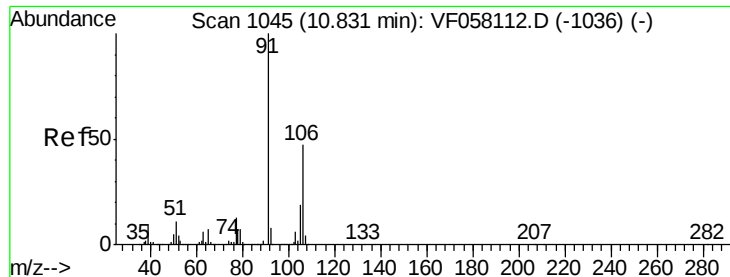
5000

0

Time-->

10.20 10.25 10.30 10.35

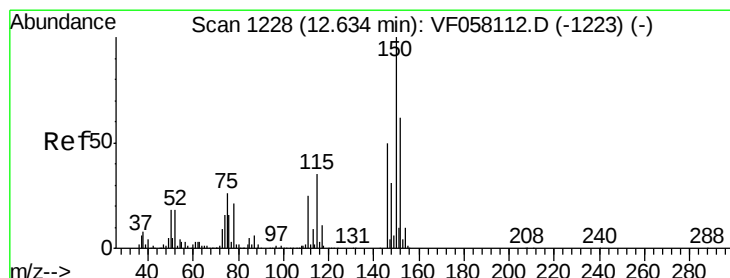
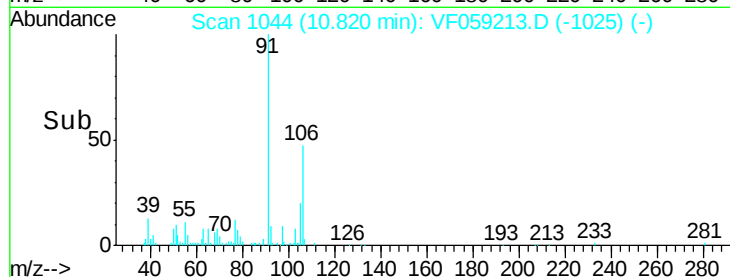
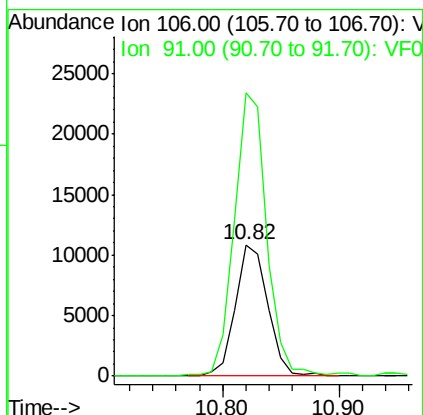
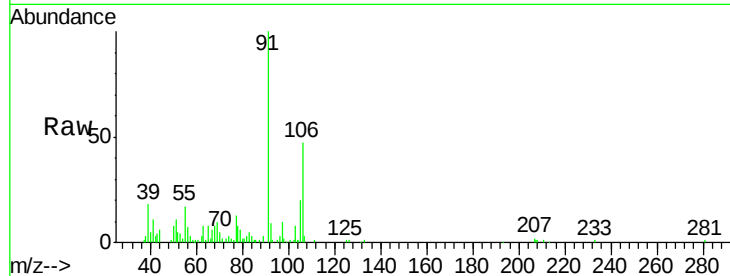




#69
o-Xylene
Concen: 9.066 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

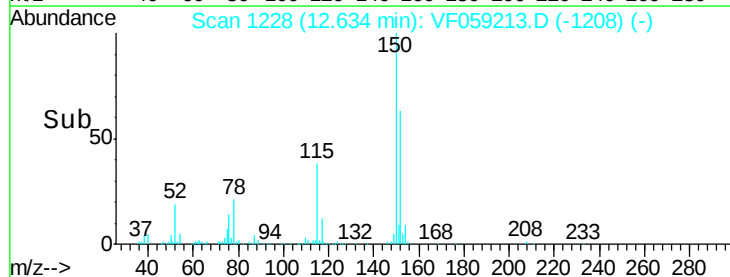
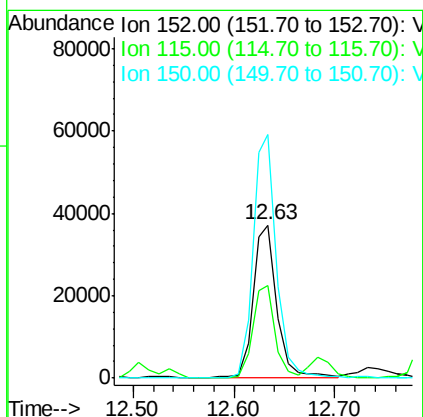
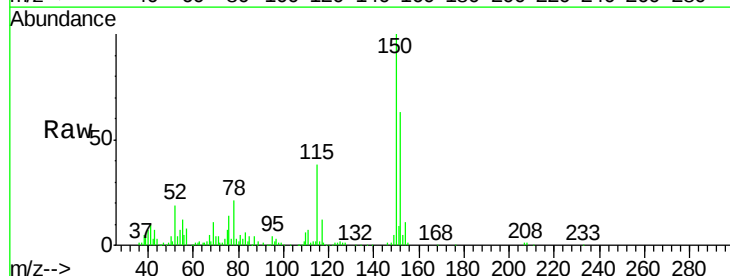
Instrument :
MSVOA_F
ClientSampled :

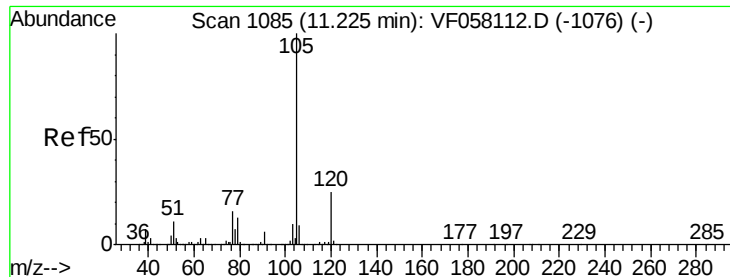
Tot Ion:106 Resp: 20957
Ion Ratio Lower Upper
106 100
91 215.0 107.0 321.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

Tgt Ion:152 Resp: 60081
Ion Ratio Lower Upper
152 100
115 60.6 28.5 85.5
150 159.2 0.0 323.8





#73

Isopropylbenzene

Concen: 3.638 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

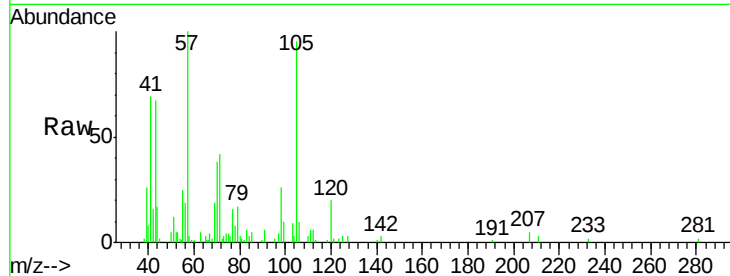
ClientSampleId :

Tot Ion:105 Resp: 15132

Ion Ratio Lower Upper

105 100

120 21.6 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.22

8000

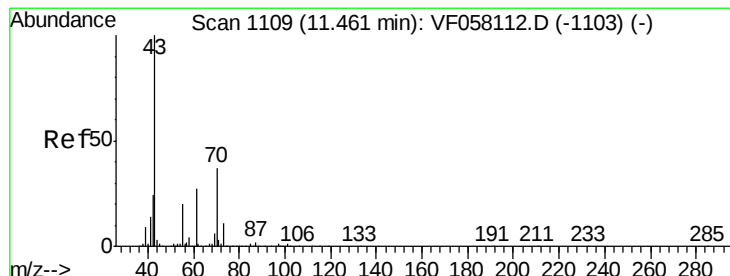
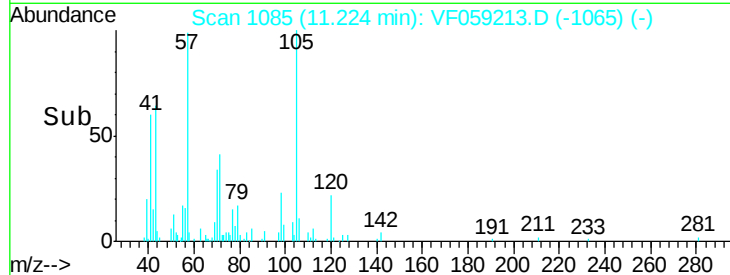
6000

4000

2000

0

Time--> 11.10 11.20 11.30



#74

N-ethyl acetate

Concen: 3.533 ug/l

RT: 11.55 min Scan# 1118

Delta R.T. 0.09 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Tgt Ion: 43 Resp: 5250

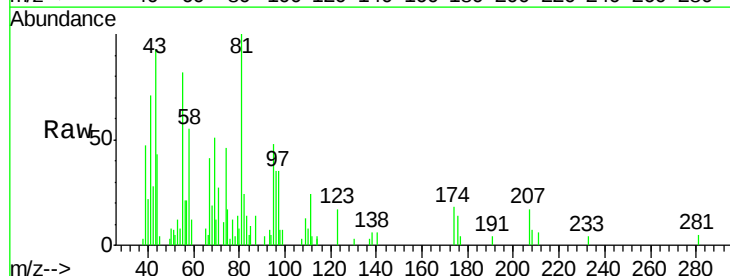
Ion Ratio Lower Upper

43 100

70 13.3 29.2 43.8#

55 88.1 15.8 23.6#

61 0.0 21.3 31.9#



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

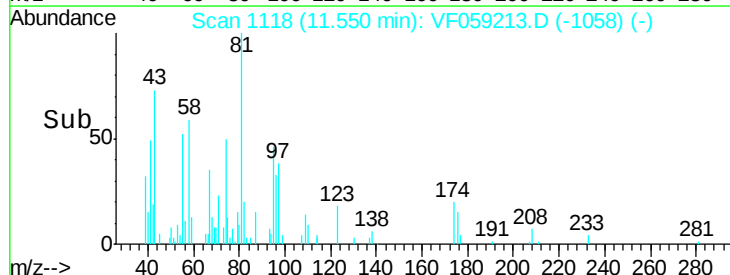
30000

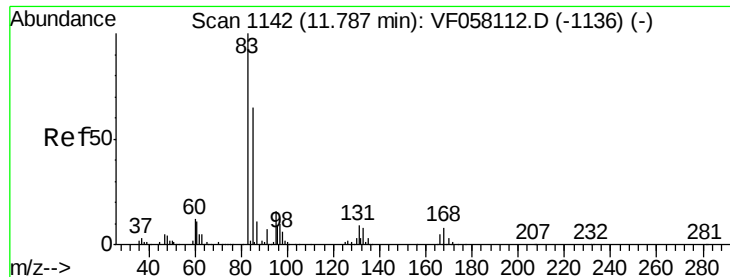
20000

10000

0

Time--> 11.50 11.55 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 2.135 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.08 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

ClientSampleId :

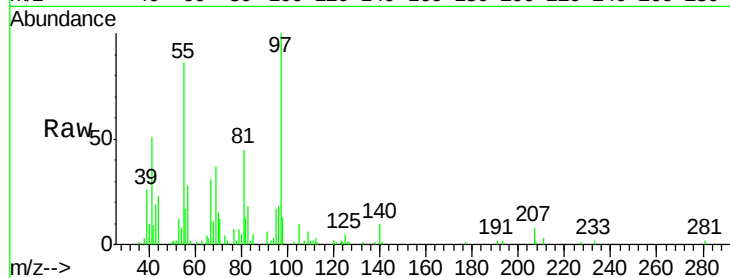
Tot Ion: 83 Resp: 2106

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

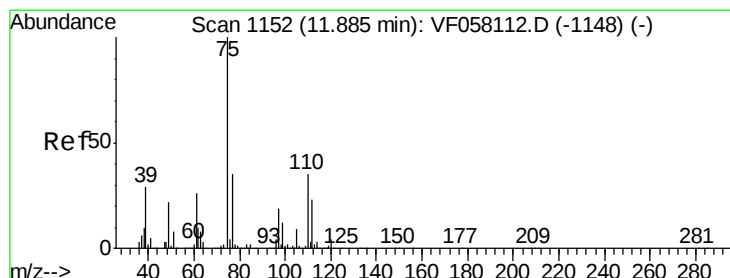
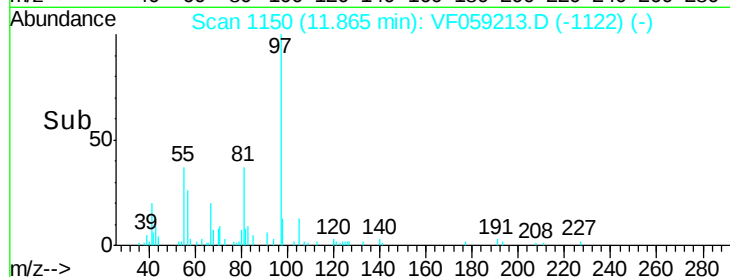
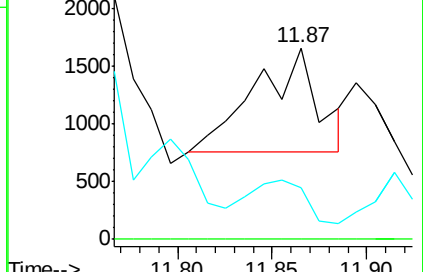
85 27.1 32.8 98.3#



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



#76

1,2,3-Trichloropropane

Concen: 1.490 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. 0.02 min

Lab File: VF059213.D

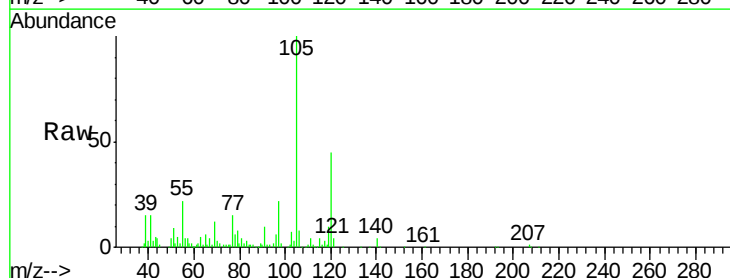
Acq: 20 Jun 2018 4:26

Tgt Ion: 75 Resp: 1085

Ion Ratio Lower Upper

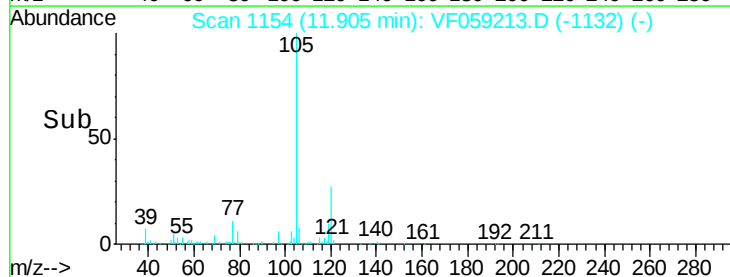
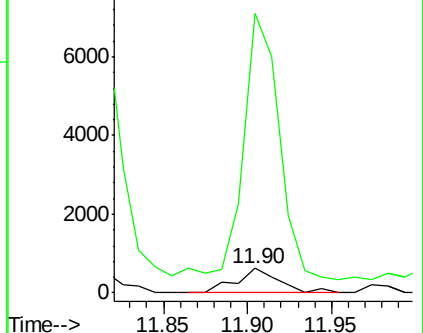
75 100

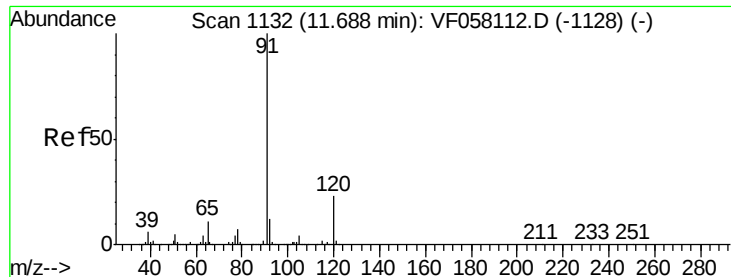
77 1150.3 17.5 52.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#78

n-propylbenzene

Concen: 12.560 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

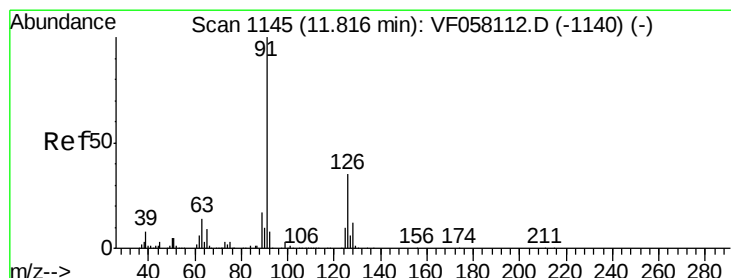
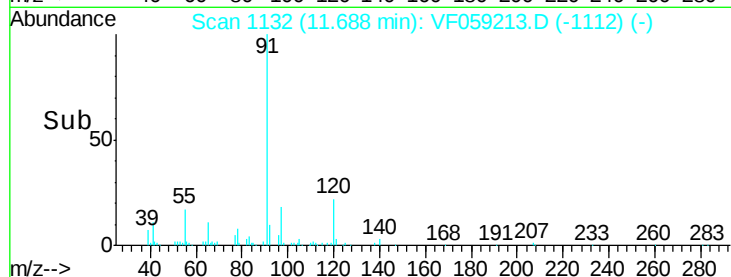
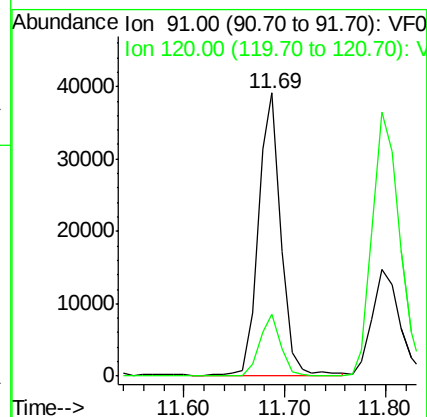
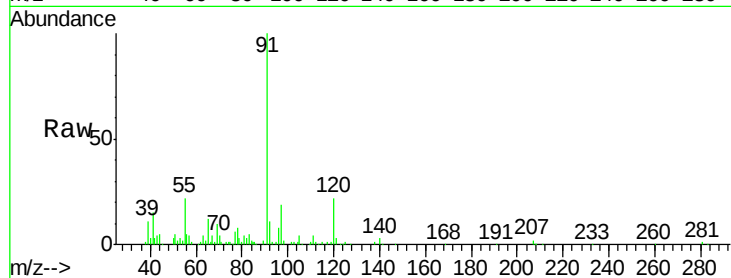
ClientSampleId :

Tot Ion: 91 Resp: 61838

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.5



#79

2-Chlorotoluene

Concen: 9.482 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. -0.02 min

Lab File: VF059213.D

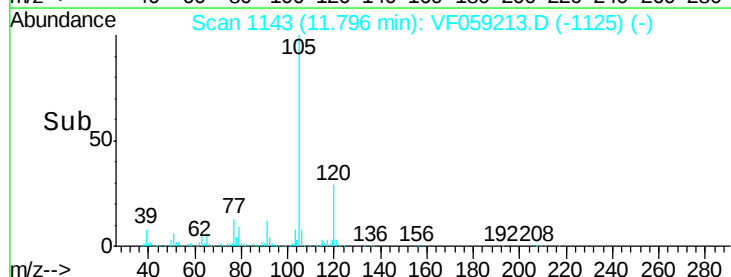
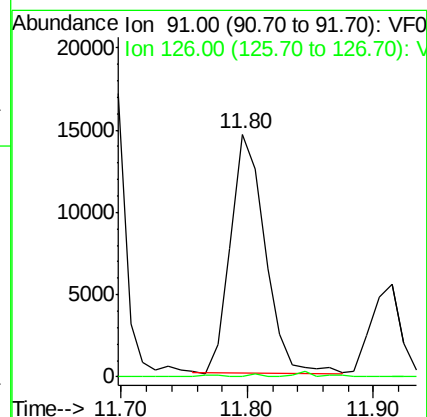
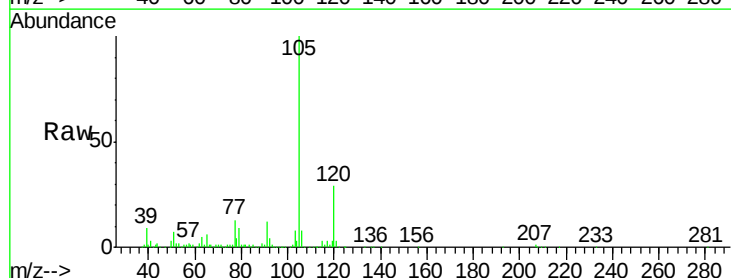
Acq: 20 Jun 2018 4:26

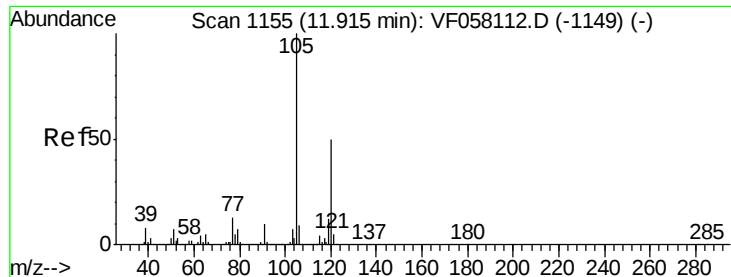
Tgt Ion: 91 Resp: 27579

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#

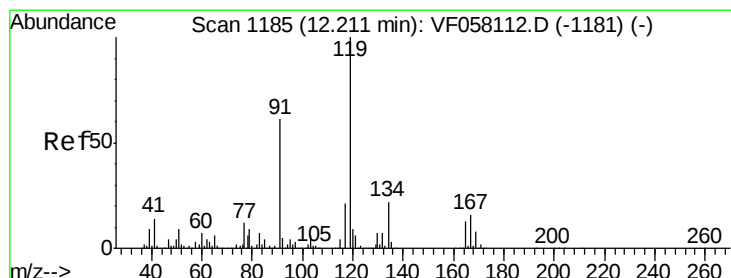
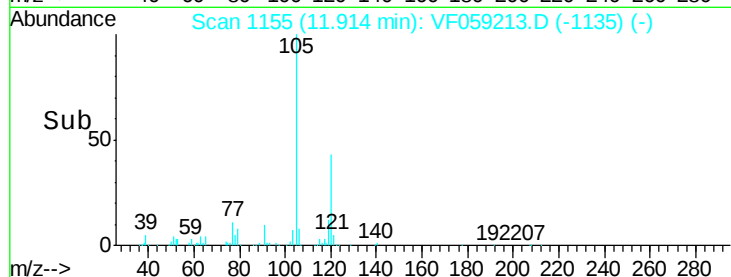
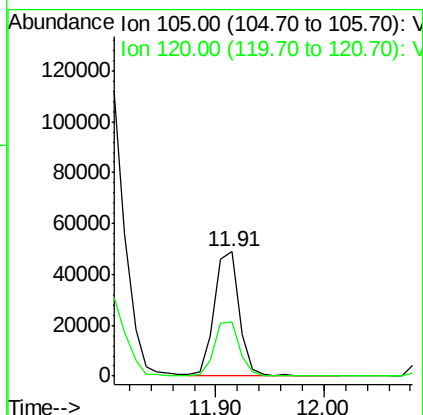
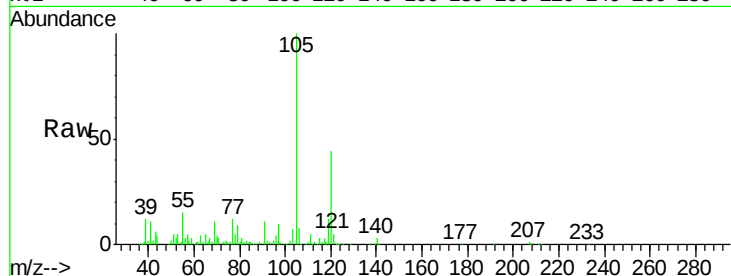




#80
 1,3,5-Trimethylbenzene
 Concen: 22.935 ug/l
 RT: 11.91 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: VF059213.D
 Acq: 20 Jun 2018 4:26

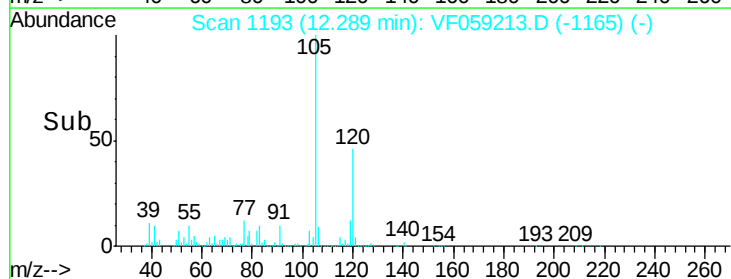
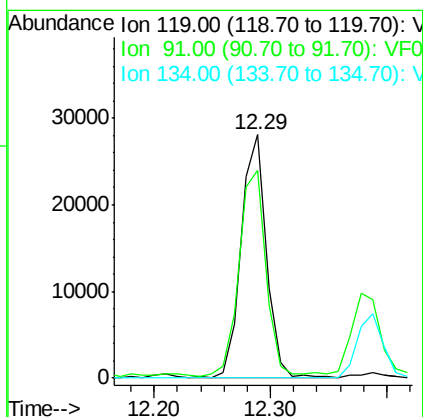
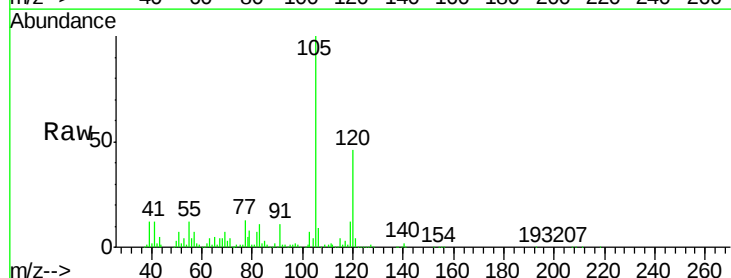
Instrument :
 MSVOA_F
 ClientSampled :

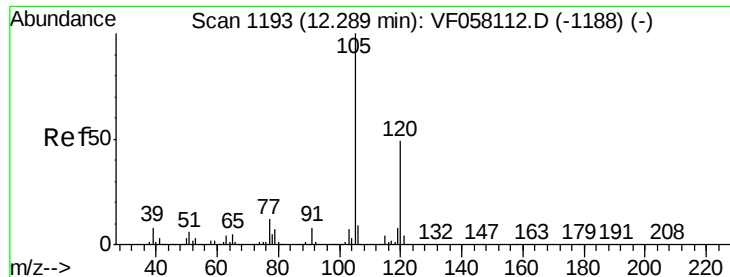
Tot Ion:105 Resp: 78960
 Ion Ratio Lower Upper
 105 100
 120 43.5 24.9 74.6



#83
 tert-Butylbenzene
 Concen: 12.384 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. 0.08 min
 Lab File: VF059213.D
 Acq: 20 Jun 2018 4:26

Tgt Ion:119 Resp: 42333
 Ion Ratio Lower Upper
 119 100
 91 85.5 30.4 91.3
 134 0.0 11.2 33.5#





#84

1,2,4-Trimethylbenzene

Concen: 100.798 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. -0.00 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

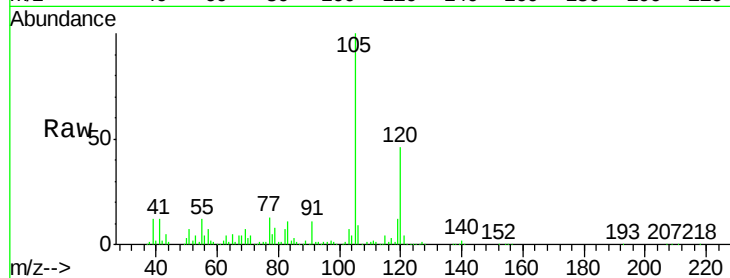
ClientSampleId :

Tot Ion:105 Resp: 359566

Ion Ratio Lower Upper

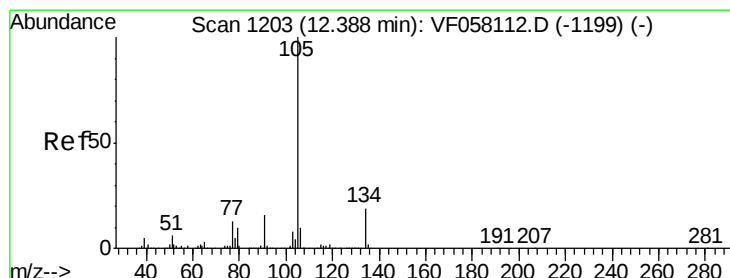
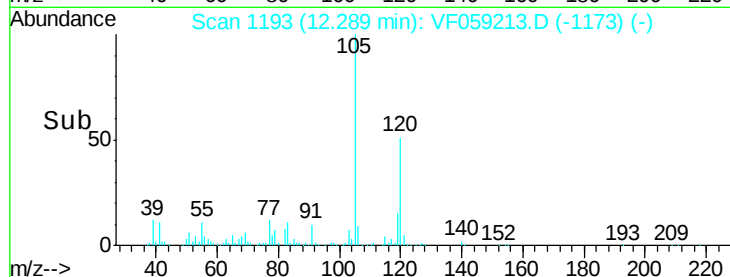
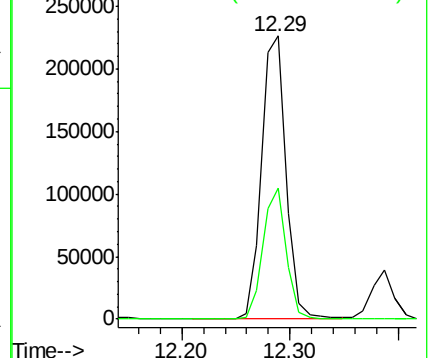
105 100

120 46.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 12.062 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VF059213.D

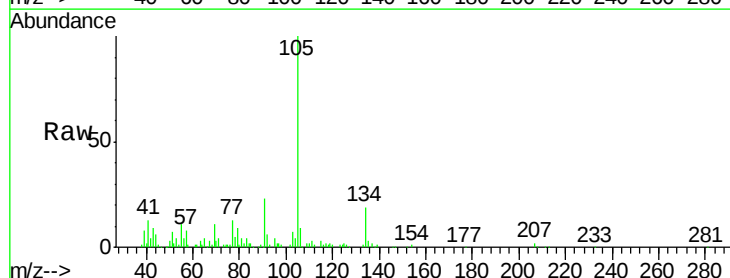
Acq: 20 Jun 2018 4:26

Tgt Ion:105 Resp: 56028

Ion Ratio Lower Upper

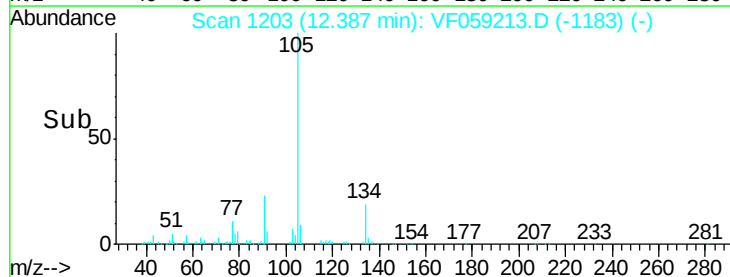
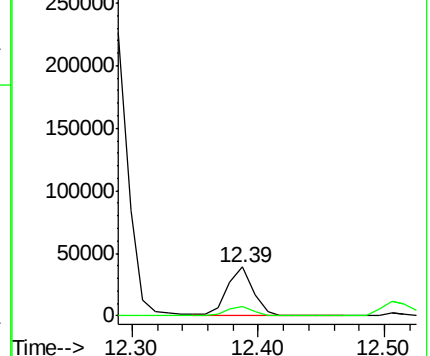
105 100

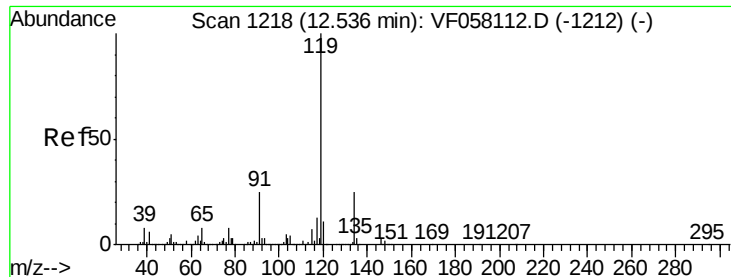
134 19.3 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

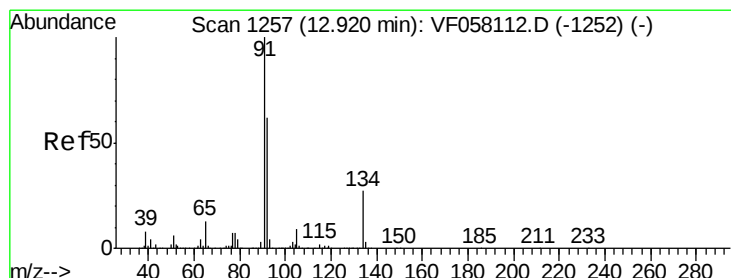
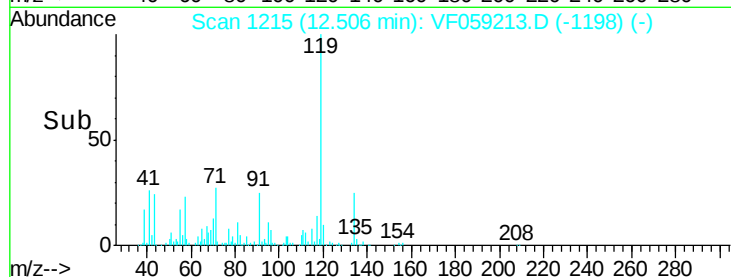
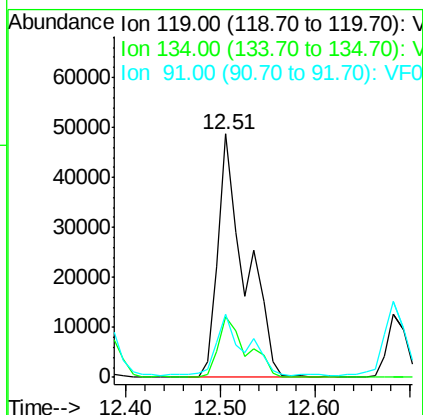
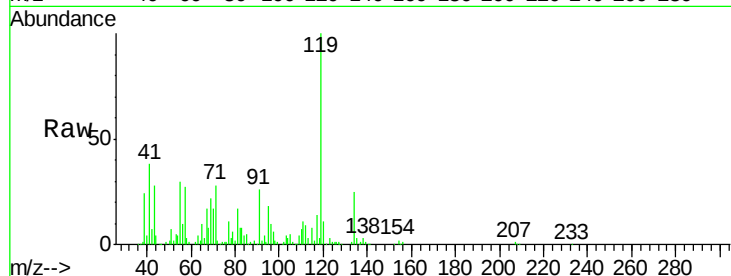




#86
p-Isopropyltoluene
Concen: 25.568 ug/l
RT: 12.51 min Scan# 1215
Delta R.T. -0.03 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

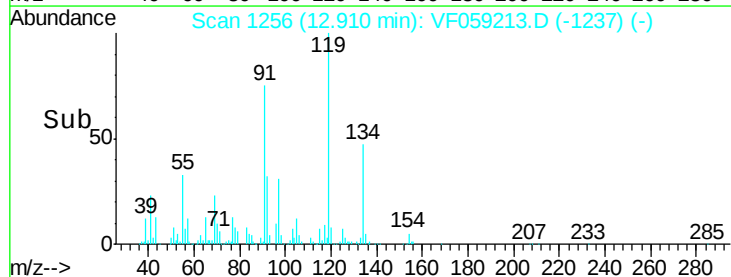
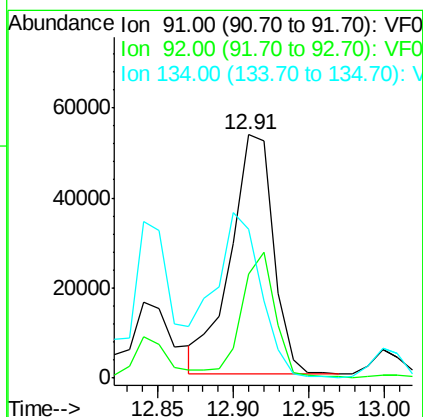
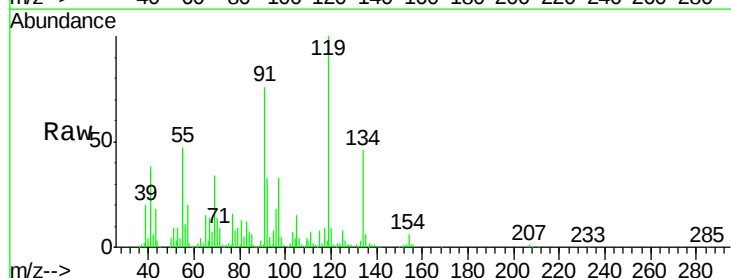
Instrument :
MSVOA_F
ClientSampled :

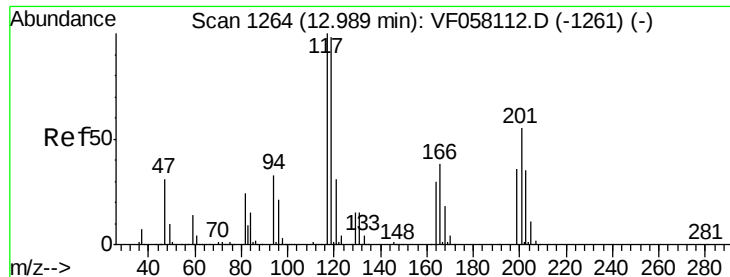
Tot Ion:119 Resp: 97548
Ion Ratio Lower Upper
119 100
134 25.0 12.7 38.0
91 25.8 12.6 37.6



#89
n-Butylbenzene
Concen: 24.694 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. -0.01 min
Lab File: VF059213.D
Acq: 20 Jun 2018 4:26

Tgt Ion: 91 Resp: 105260
Ion Ratio Lower Upper
91 100
92 42.9 31.1 93.5
134 61.3 13.6 40.8#





#90

Hexachloroethane

Concen: 4.694 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

Instrument :

MSVOA_F

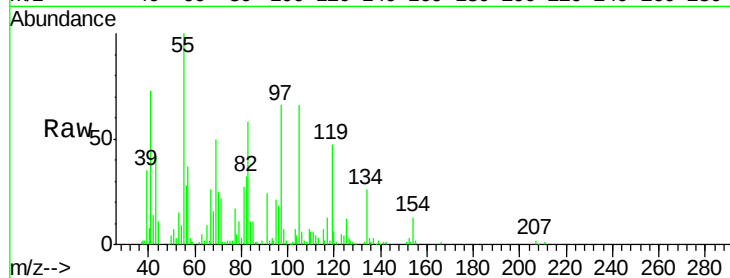
ClientSampled :

Tot Ion:117 Resp: 4410

Ion Ratio Lower Upper

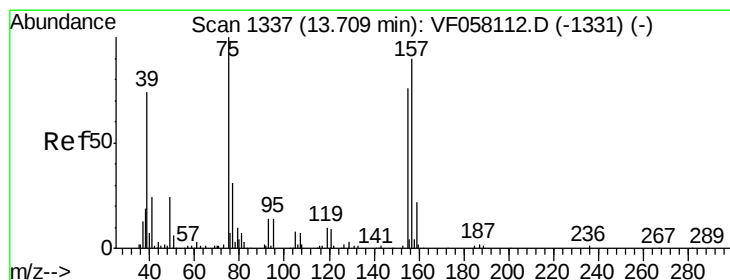
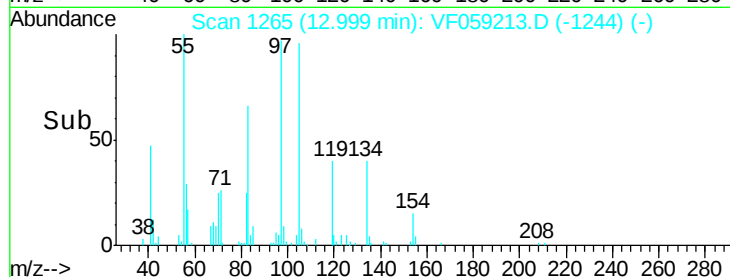
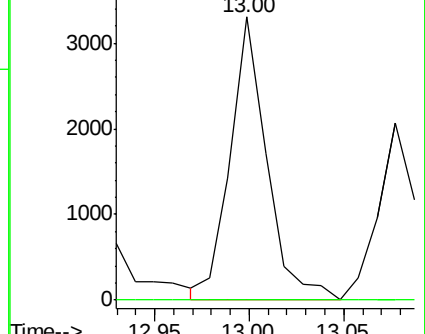
117 100

201 0.0 27.5 82.4#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.232 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VF059213.D

Acq: 20 Jun 2018 4:26

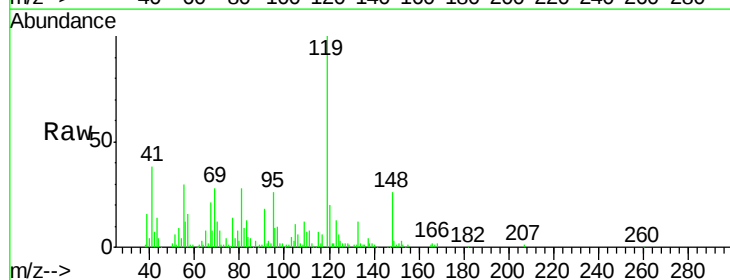
Tgt Ion: 75 Resp: 1399

Ion Ratio Lower Upper

75 100

155 69.7 38.0 114.0

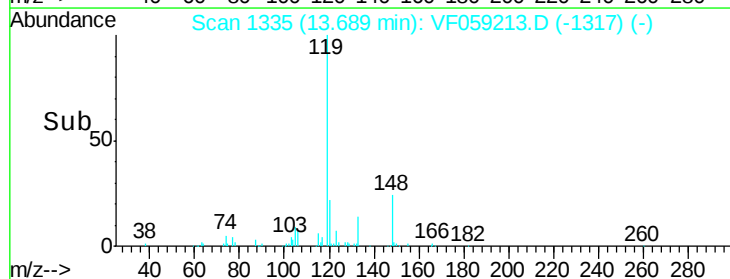
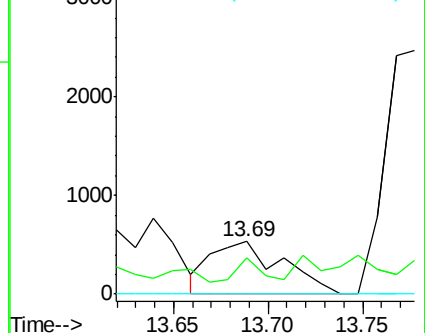
157 0.0 45.1 135.5#

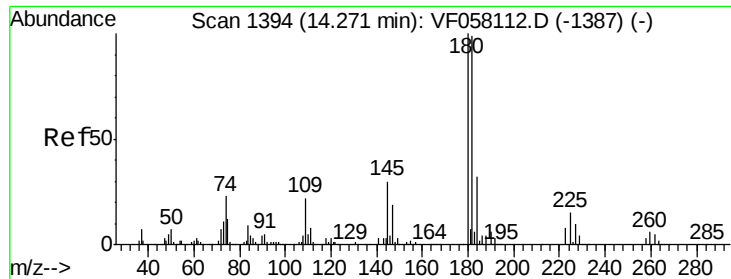


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

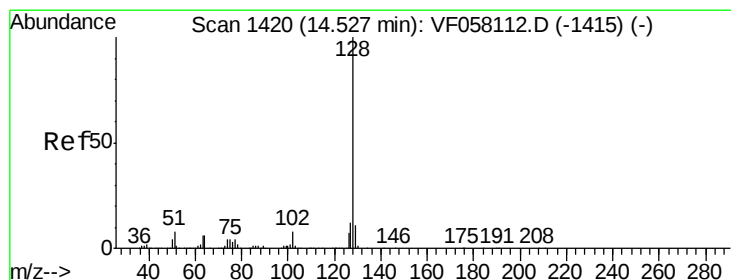
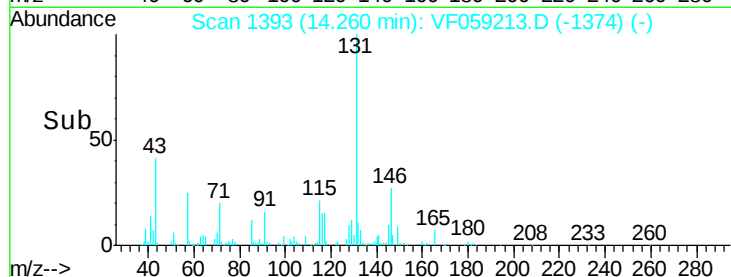
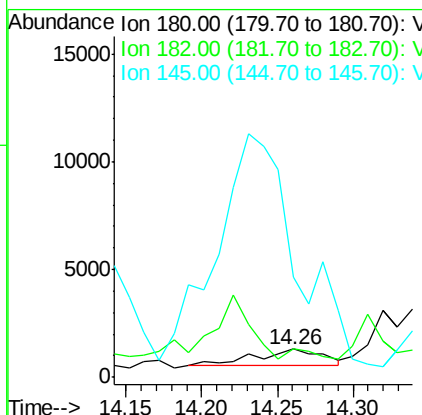
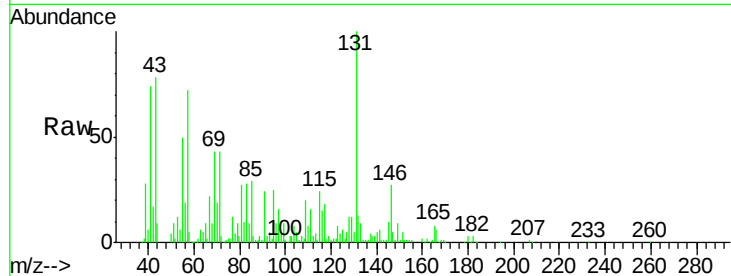




#93
 1,2,4-Trichlorobenzene
 Concen: 1.848 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: VF059213.D
 Acq: 20 Jun 2018 4:26

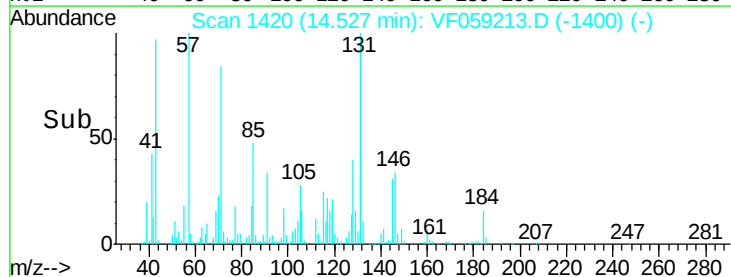
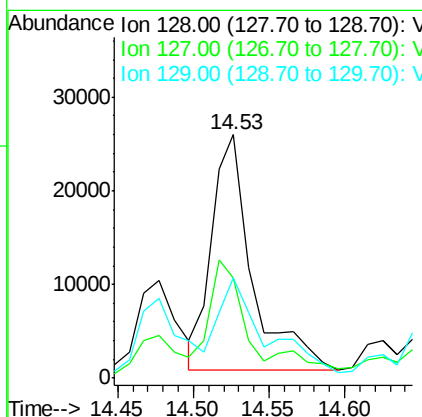
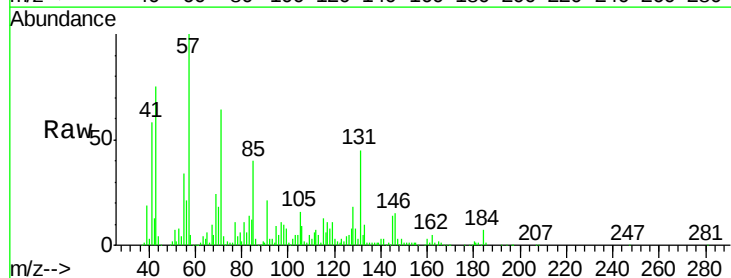
Instrument :
 MSVOA_F
 ClientSampled :

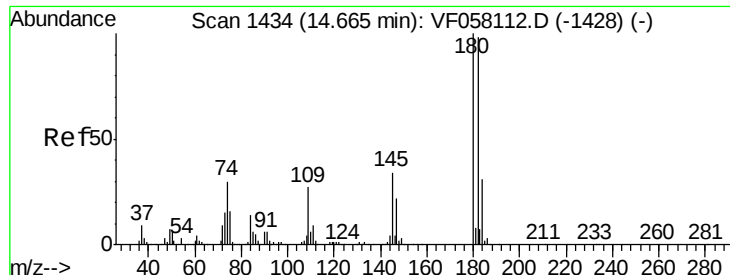
Tot Ion:180 Resp: 2407
 Ion Ratio Lower Upper
 180 100
 182 101.6 49.3 147.9
 145 354.9 14.9 44.9#



#95
 Naphthalene
 Concen: 16.923 ug/l
 RT: 14.53 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: VF059213.D
 Acq: 20 Jun 2018 4:26

Tgt Ion:128 Resp: 47076
 Ion Ratio Lower Upper
 128 100
 127 41.2 9.9 14.9#
 129 41.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 10.372 ug/l
 RT: 14.70 min Scan# 1438
 Delta R.T. 0.04 min
 Lab File: VF059213.D
 Acq: 20 Jun 2018 4:26

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	15.3	48.9	146.6#
145	69.2	17.3	51.7#

