

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122218\
 Data File : VF061150.D
 Acq On : 22 Dec 2018 17:54
 Operator : VA/AP
 Sample : J6191-01RE
 Misc : 6.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Dec 24 02:57:58 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

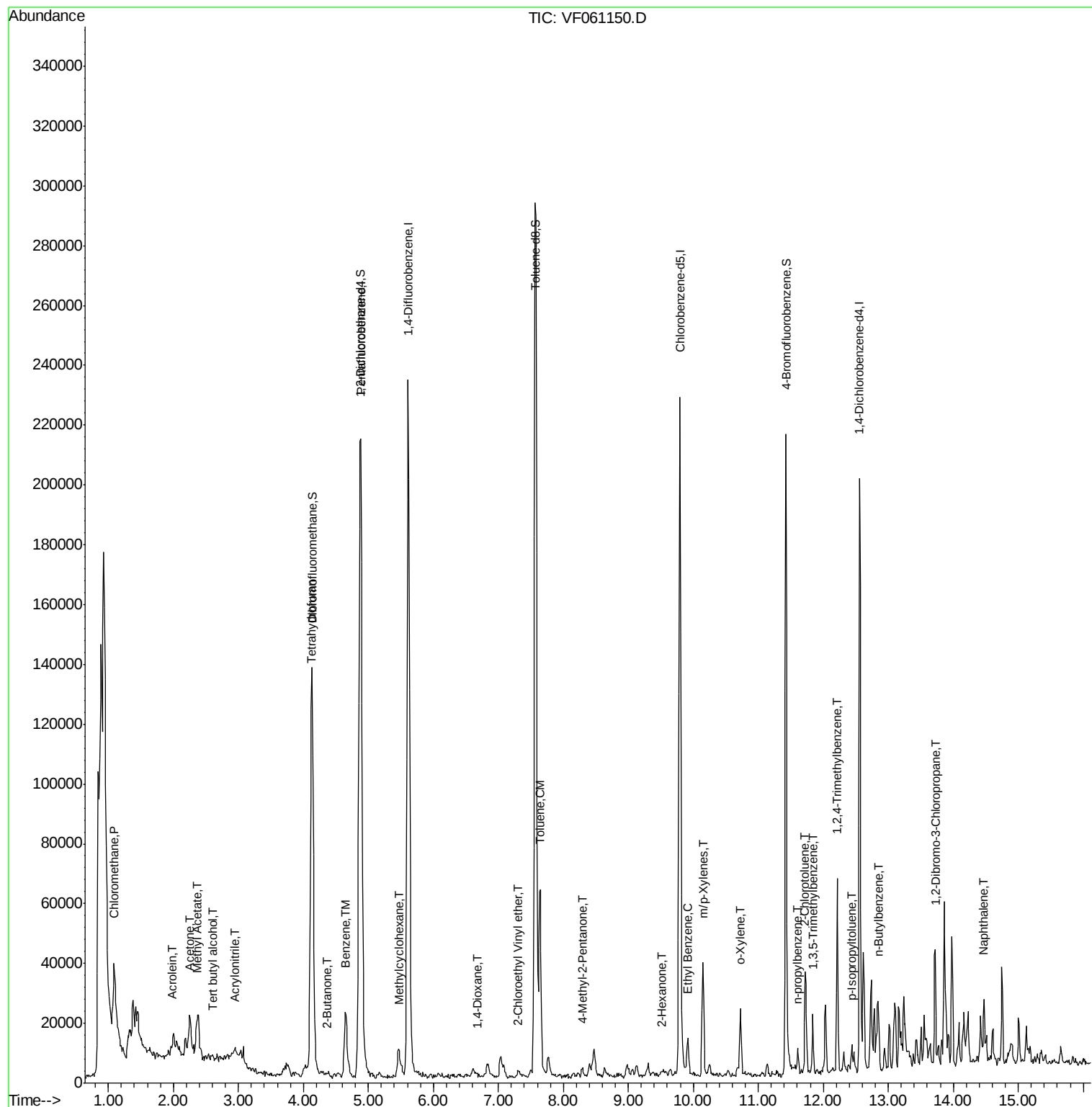
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	143349	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	256173	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	162775	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	48360	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	109469	59.37	ug/l	0.02
Spiked Amount	50.000		Recovery	=	118.74%	
35) Dibromofluoromethane	4.13	113	127099	61.94	ug/l	0.02
Spiked Amount	50.000		Recovery	=	123.88%	
50) Toluene-d8	7.58	98	245609	42.23	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.46%	
62) 4-Bromofluorobenzene	11.42	95	80048	29.86	ug/l	0.01
Spiked Amount	50.000		Recovery	=	59.72%	
Target Compounds				Qvalue		
3) Chloromethane	1.09	50	2638	1.445	ug/l #	68
11) Tert butyl alcohol	2.60	59	915	12.298	ug/l #	65
13) Acrolein	1.97	56	204	3.794	ug/l	88
15) Acrylonitrile	2.95	53	1448	8.416	ug/l #	55
16) Acetone	2.26	43	17701	48.025	ug/l	94
18) Methyl Acetate	2.36	43	22172	29.076	ug/l	99
20) Methylene Chloride	2.24	84	2883	Below Cal	#	76
25) 2-Butanone	4.37	43	3255	5.445	ug/l #	57
29) Tetrahydrofuran	4.11	42	1300	5.343	ug/l #	47
39) Methylcyclohexane	5.48	83	5128	1.849	ug/l #	87
40) Benzene	4.65	78	27716	4.168	ug/l	99
49) 1,4-Dioxane	6.69	88	61	8.066	ug/l #	1
51) 4-Methyl-2-Pentanone	8.30	43	2613	2.552	ug/l #	60
52) Toluene	7.65	92	34011	7.727	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.31	63	848	3.092	ug/l #	50
59) 2-Hexanone	9.52	43	1042	1.407	ug/l #	47
67) Ethyl Benzene	9.92	91	9465	1.545	ug/l	96
68) m/p-Xylenes	10.15	106	13808	6.405	ug/l	89
69) o-Xylene	10.72	106	6165	2.578	ug/l	98
70) Styrene	10.81	104	371	Below Cal	#	76
78) n-propylbenzene	11.60	91	7455	1.152	ug/l	92
79) 2-Chlorotoluene	11.73	91	3815	1.334	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.84	105	9105	2.653	ug/l	87
84) 1,2,4-Trimethylbenzene	12.21	105	32018	9.356	ug/l	99
86) p-Isopropyltoluene	12.44	119	4591	1.200	ug/l	98
87) 1,3-Dichlorobenzene	12.58	146	535	Below Cal		84
89) n-Butylbenzene	12.85	91	6384	1.641	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	13.72	75	198	1.560	ug/l #	2
95) Naphthalene	14.47	128	5228	2.517	ug/l #	79

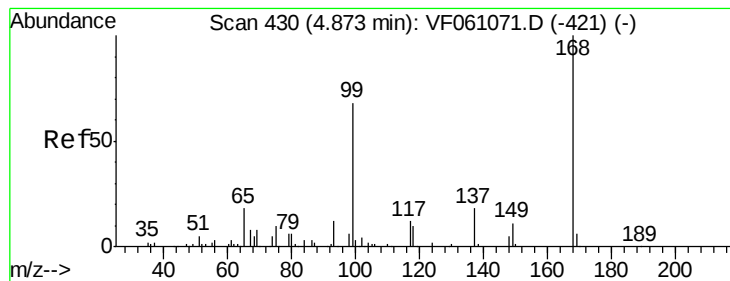
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122218\
Data File : VF061150.D
Acq On : 22 Dec 2018 17:54
Operator : VA/AP
Sample : J6191-01RE
Misc : 6.14q/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 02:57:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

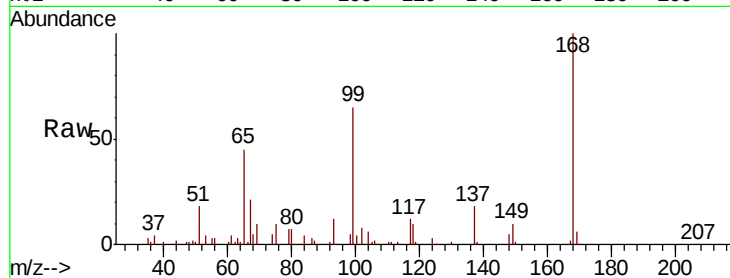
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 143349

Ion Ratio Lower Upper

168 100

99 64.6 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

50000

40000

30000

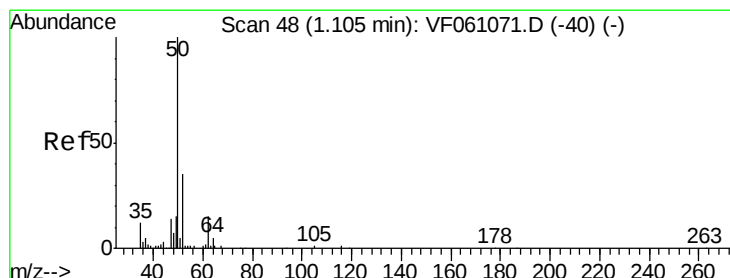
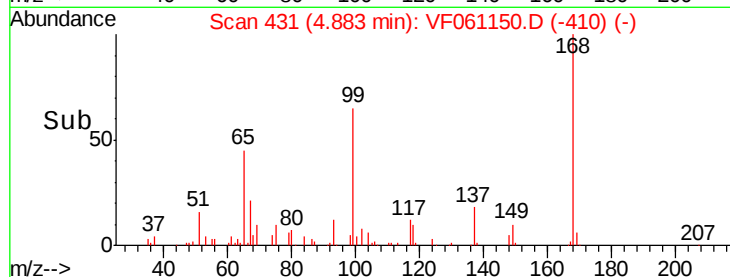
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#3

Chloromethane

Concen: 1.445 ug/l

RT: 1.09 min Scan# 46

Delta R.T. -0.02 min

Lab File: VF061150.D

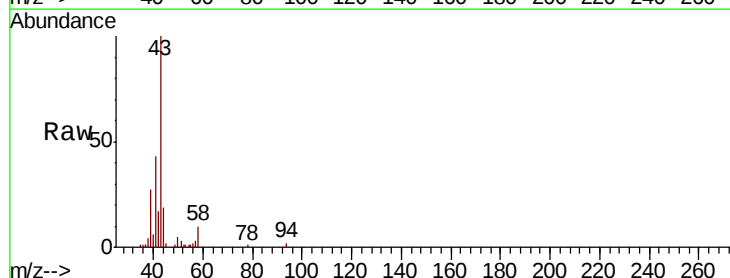
Acq: 22 Dec 2018 17:54

Tgt Ion: 50 Resp: 2638

Ion Ratio Lower Upper

50 100

52 15.0 26.3 39.5#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

800

600

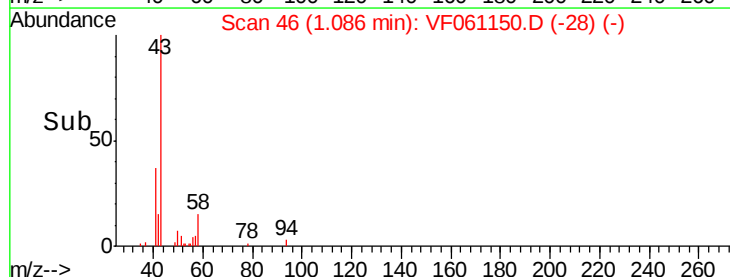
400

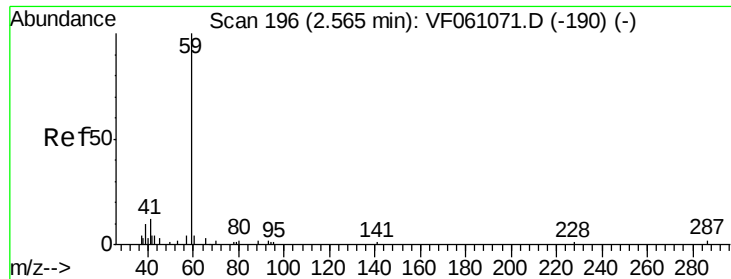
200

0

Time-->

1.00 1.10

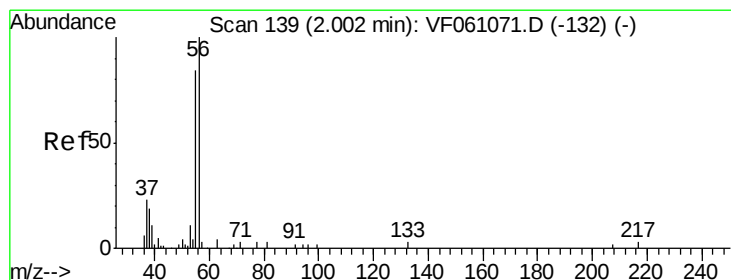
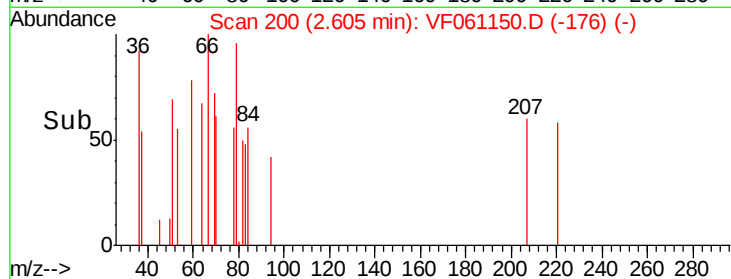
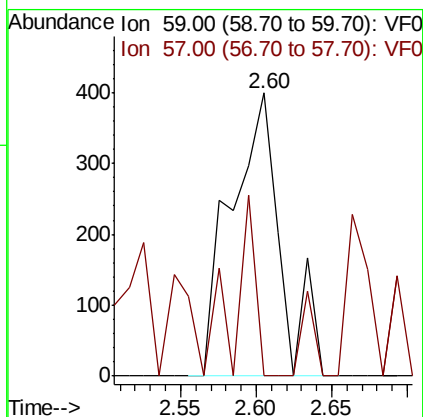
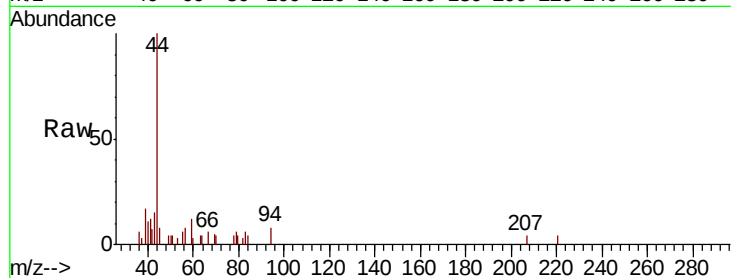




#11
Tert butyl alcohol
Concen: 12.298 ug/l
RT: 2.60 min Scan# 200
Delta R.T. 0.04 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

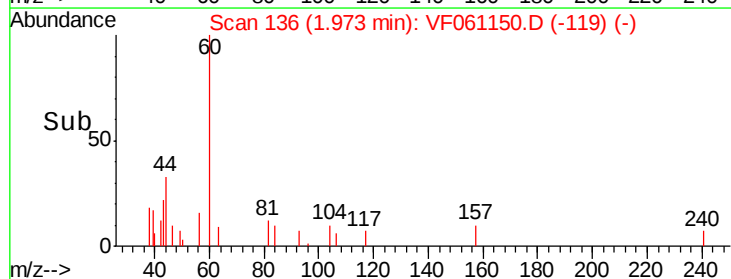
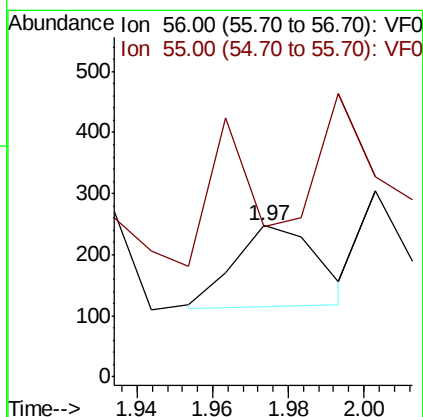
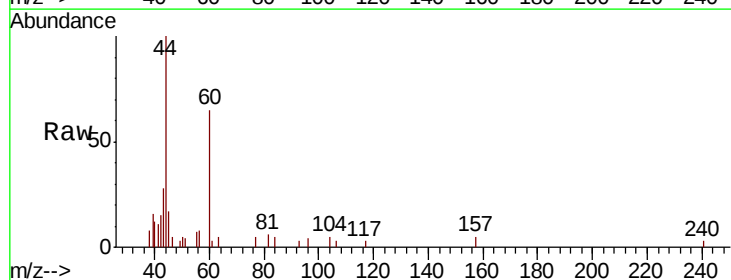
Instrument :
MSVOA_F
ClientSampled :

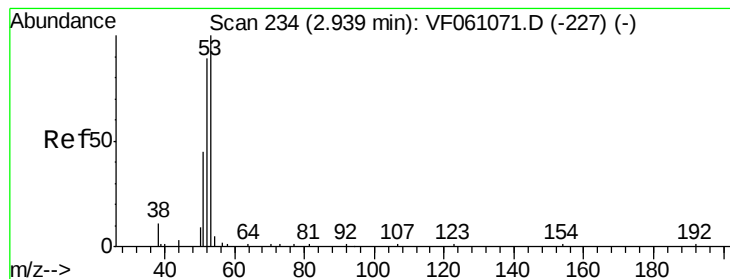
Tot Ion: 59 Resp: 915
Ion Ratio Lower Upper
59 100
57 0.0 11.5 17.3#



#13
Acrolein
Concen: 3.794 ug/l
RT: 1.97 min Scan# 136
Delta R.T. -0.03 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 99.2 70.2 105.2





#15

Acrylonitrile

Concen: 8.416 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

Instrument :
MSVOA_F
ClientSampled :

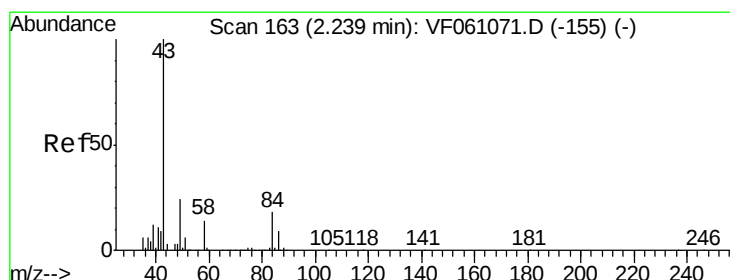
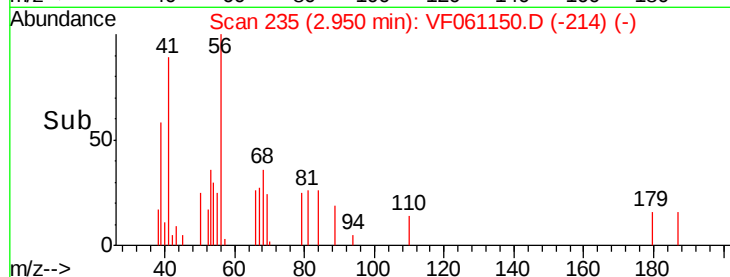
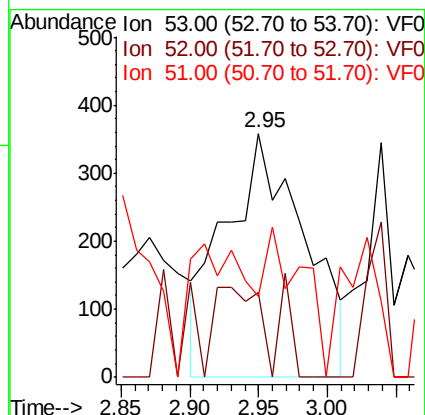
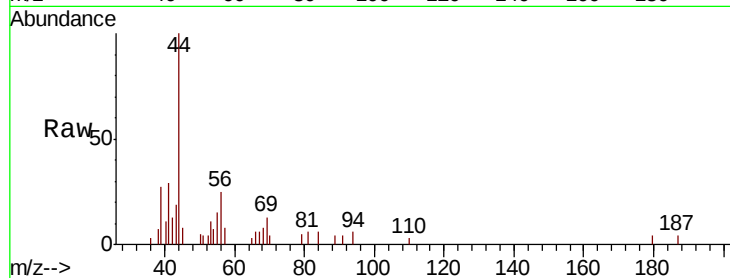
Tot Ion: 53 Resp: 1448

Ion Ratio Lower Upper

53 100

52 34.6 71.3 106.9#

51 33.2 36.8 55.2#



#16

Acetone

Concen: 48.025 ug/l

RT: 2.26 min Scan# 165

Delta R.T. 0.02 min

Lab File: VF061150.D

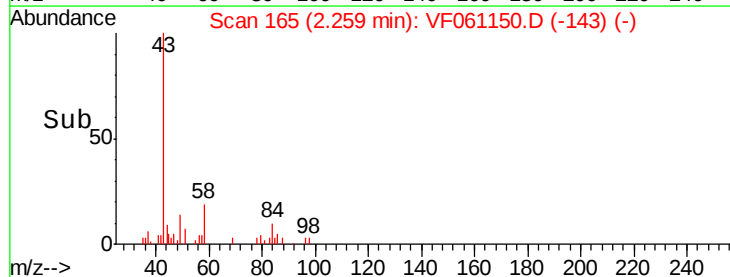
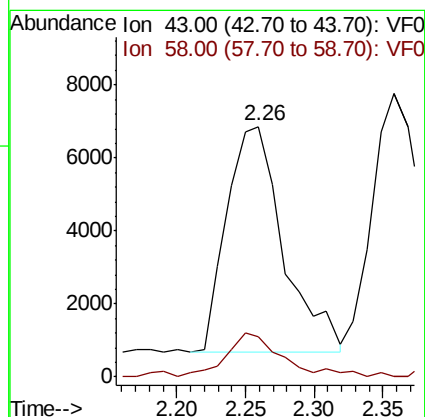
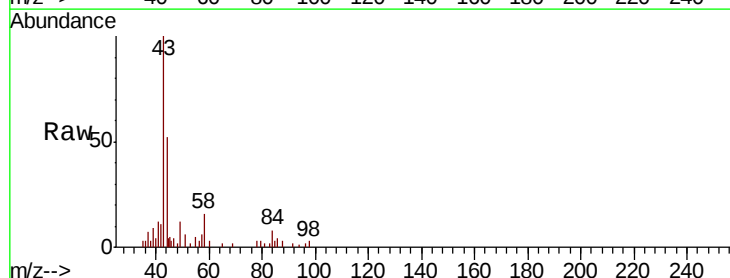
Acq: 22 Dec 2018 17:54

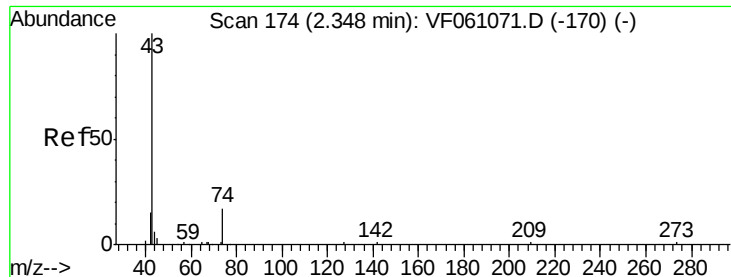
Tgt Ion: 43 Resp: 17701

Ion Ratio Lower Upper

43 100

58 16.2 11.1 16.7

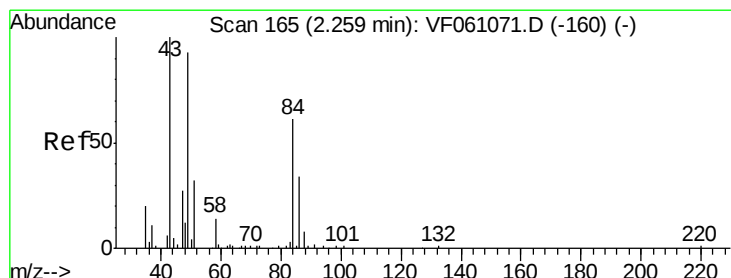
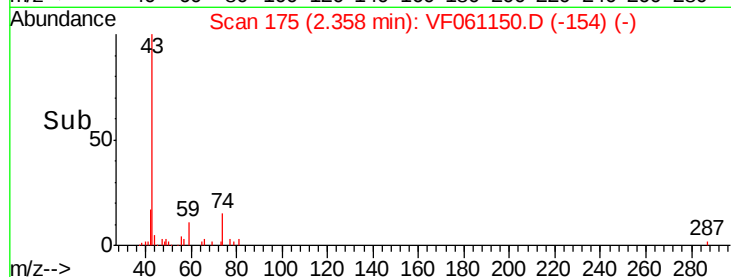
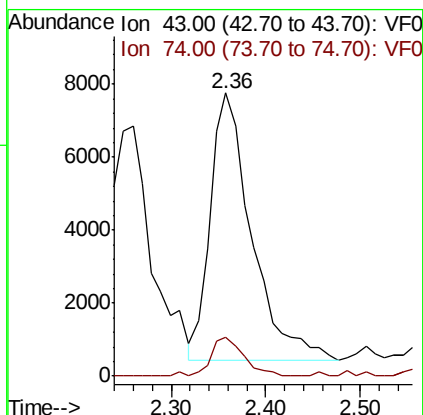
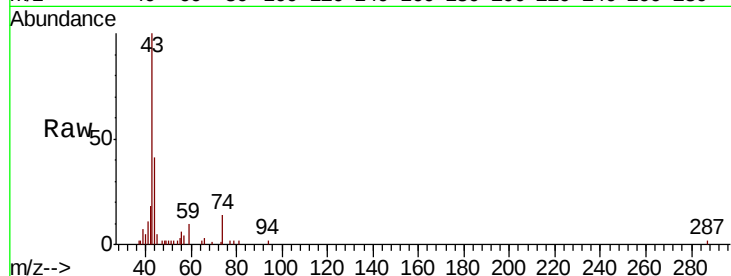




#18
Methyl Acetate
Concen: 29.076 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

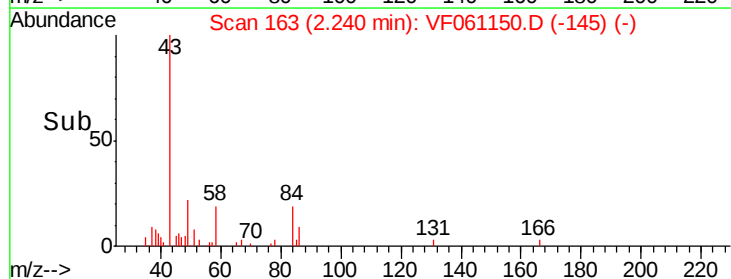
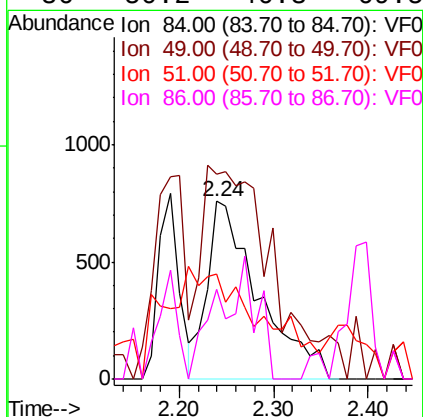
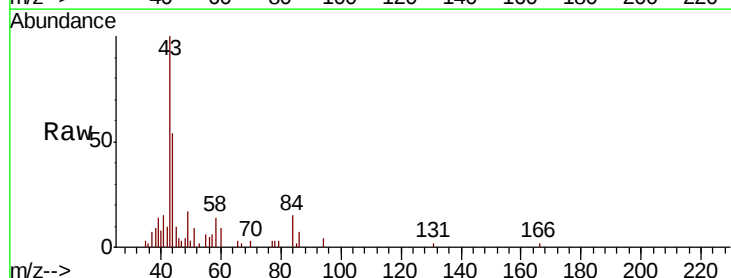
Instrument :
MSVOA_F
ClientSampleId :

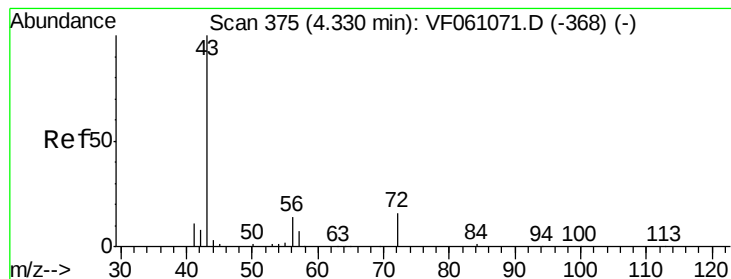
Tot Ion: 43 Resp: 22172
Ion Ratio Lower Upper
43 100
74 13.5 11.0 16.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

Tgt Ion: 84 Resp: 2883
Ion Ratio Lower Upper
84 100
49 115.0 129.4 194.2#
51 59.3 44.0 66.0
86 50.2 46.3 69.5





#25

2-Butanone

Concen: 5.445 ug/l

RT: 4.37 min Scan# 379

Delta R.T. 0.04 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

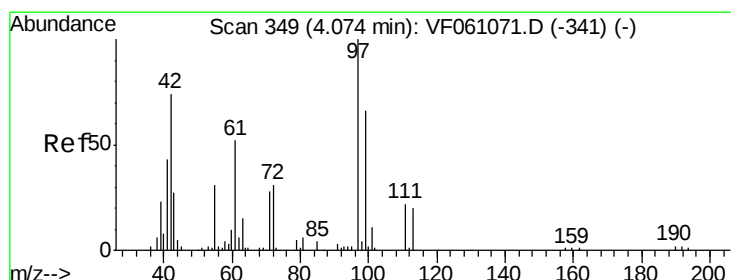
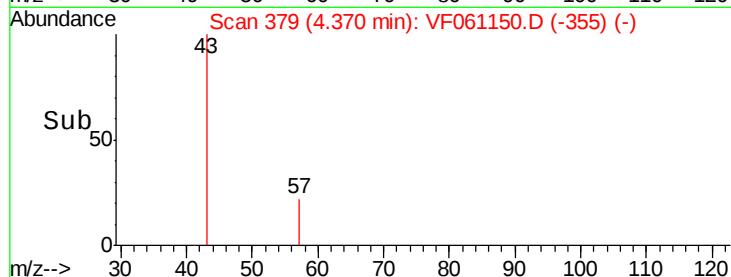
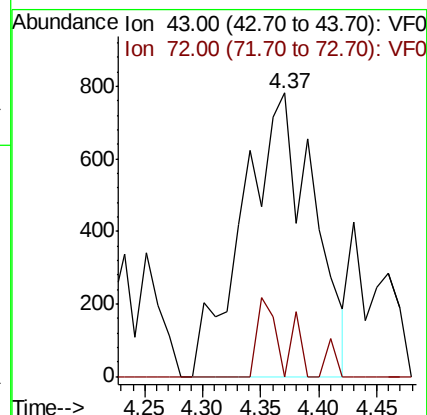
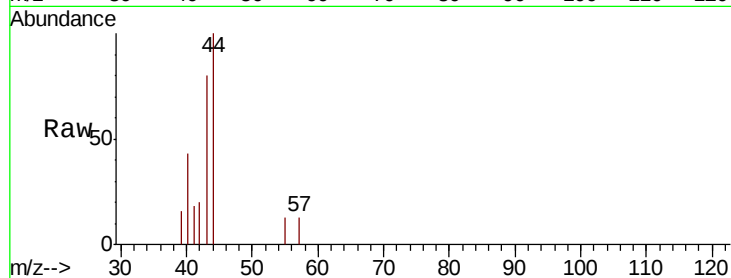
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 3255

Ion Ratio Lower Upper

43 100

72 0.0 15.6 23.4#



#29

Tetrahydrofuran

Concen: 5.343 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.04 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

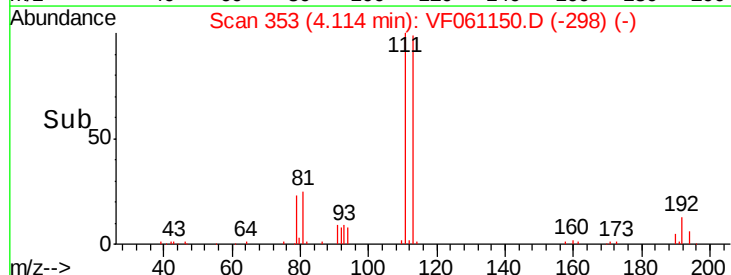
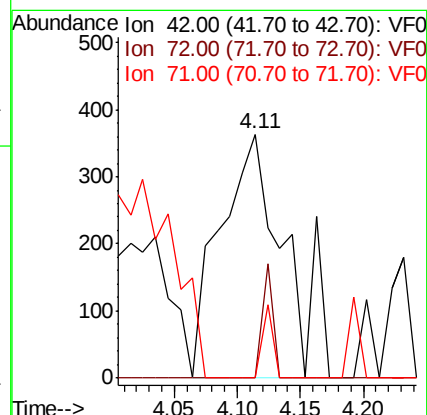
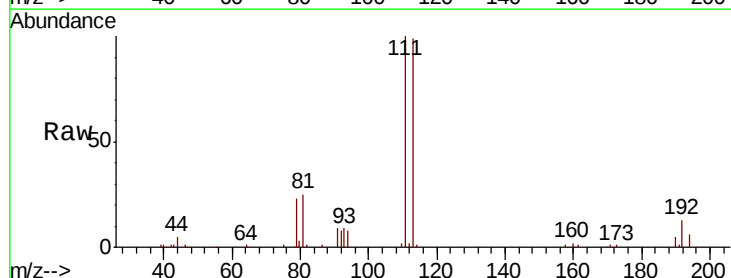
Tgt Ion: 42 Resp: 1300

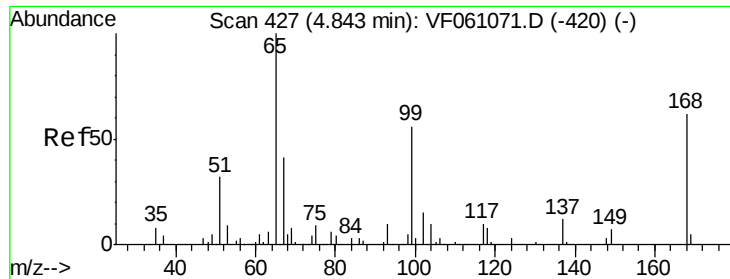
Ion Ratio Lower Upper

42 100

72 7.8 31.8 47.8#

71 5.0 29.7 44.5#

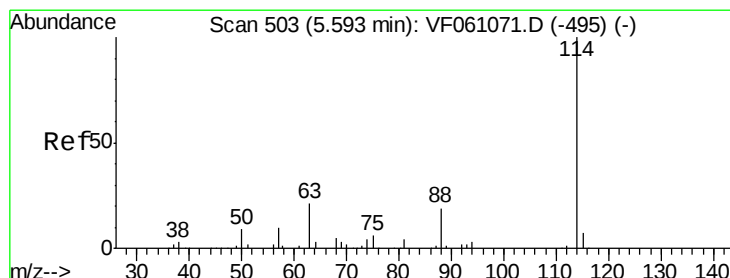
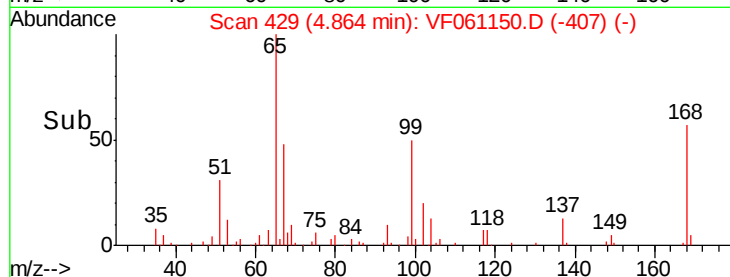
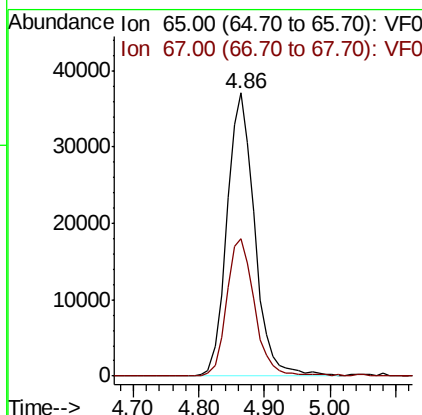
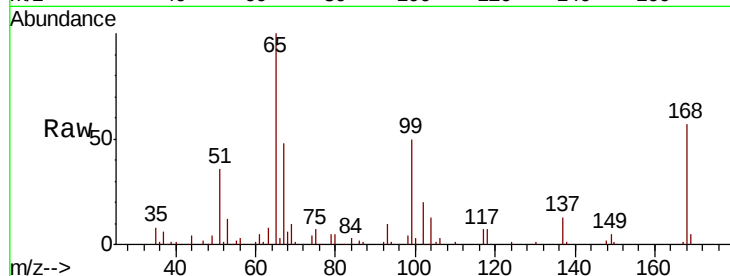




#33
 1,2-Dichloroethane-d4
 Concen: 59.374 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.02 min
 Lab File: VF061150.D
 Acq: 22 Dec 2018 17:54

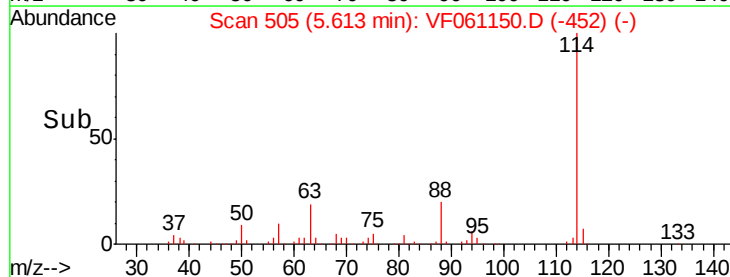
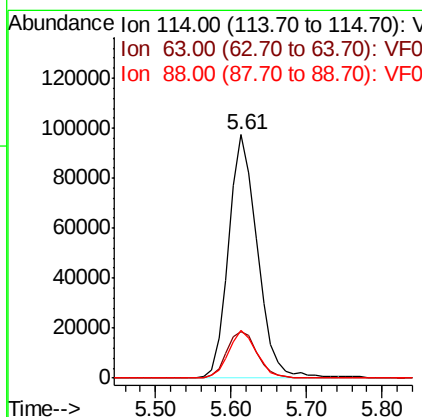
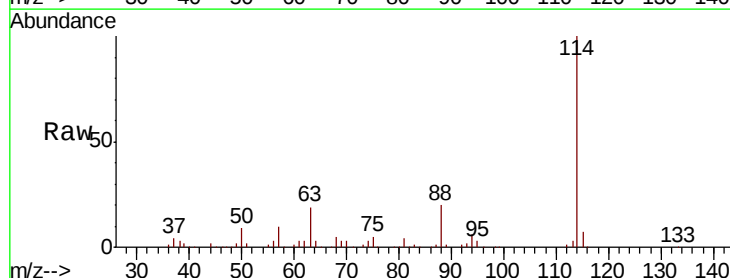
Instrument :
 MSVOA_F
 ClientSampled :

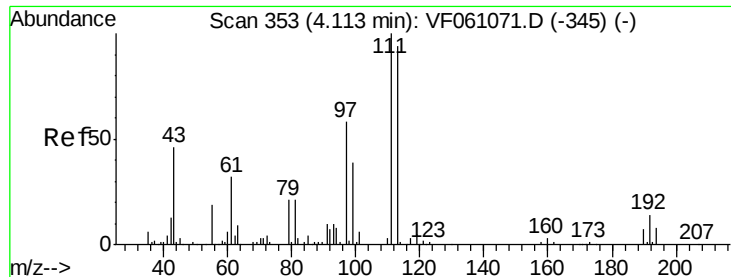
Tot Ion: 65 Resp: 109469
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 94.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.02 min
 Lab File: VF061150.D
 Acq: 22 Dec 2018 17:54

Tgt Ion: 114 Resp: 256173
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.6
 88 19.9 0.0 38.0

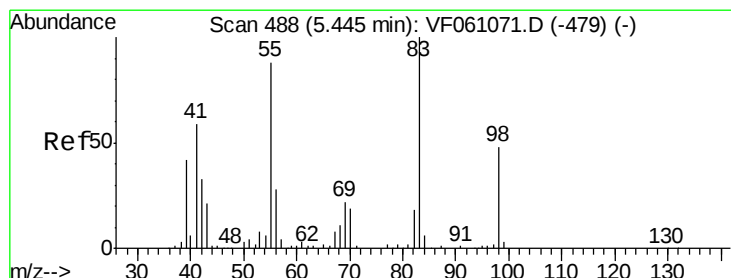
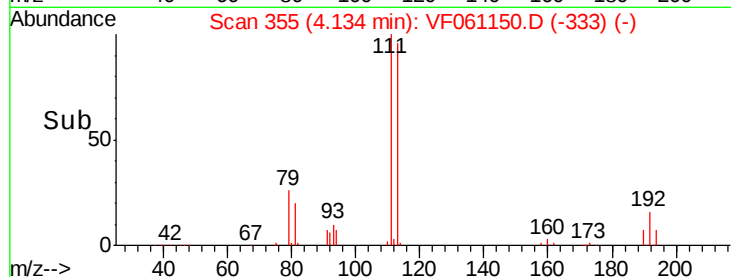
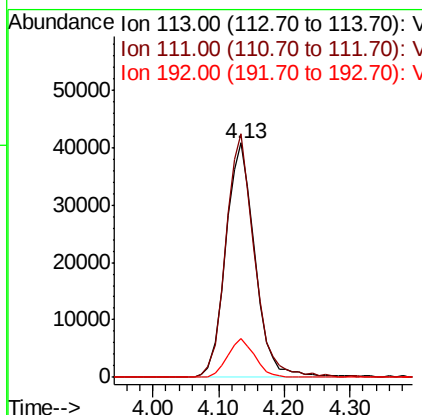
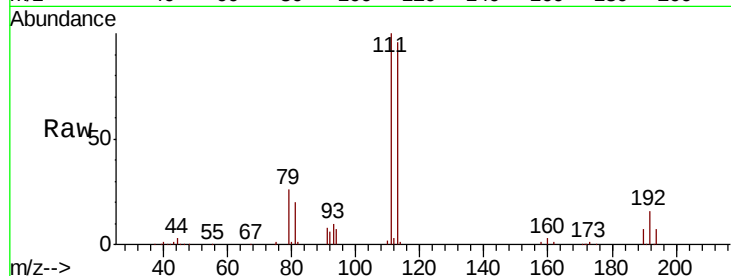




#35
 Dibromofluoromethane
 Concen: 61.936 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VF061150.D
 Acq: 22 Dec 2018 17:54

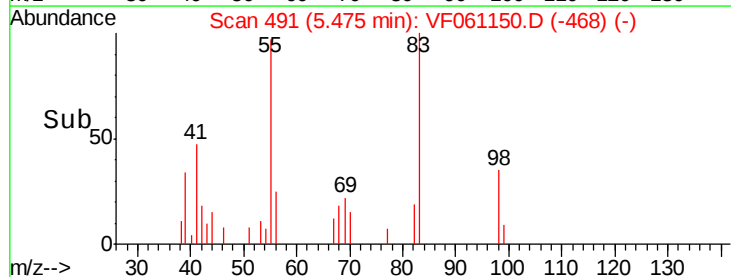
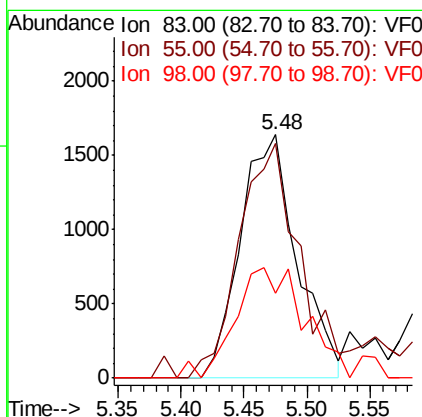
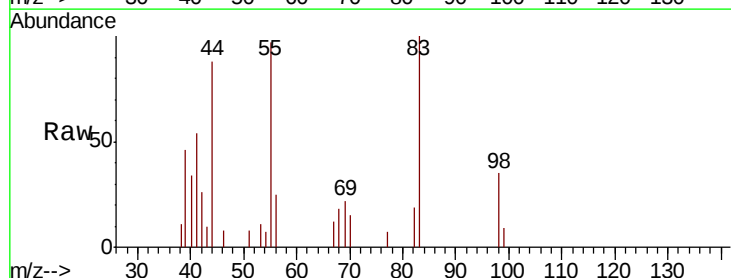
Instrument :
 MSVOA_F
 ClientSampleId :

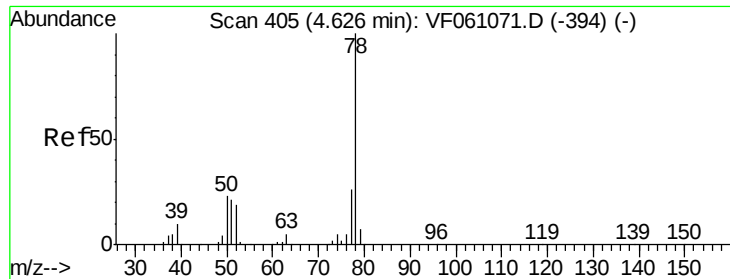
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	85.2	127.8
192	16.3	12.8	19.2



#39
 Methylcyclohexane
 Concen: 1.849 ug/l
 RT: 5.48 min Scan# 491
 Delta R.T. 0.03 min
 Lab File: VF061150.D
 Acq: 22 Dec 2018 17:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	96.5	70.6	105.8
98	34.9	38.5	57.7#





#40

Benzene

Concen: 4.168 ug/l

RT: 4.65 min Scan# 407

Delta R.T. 0.02 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

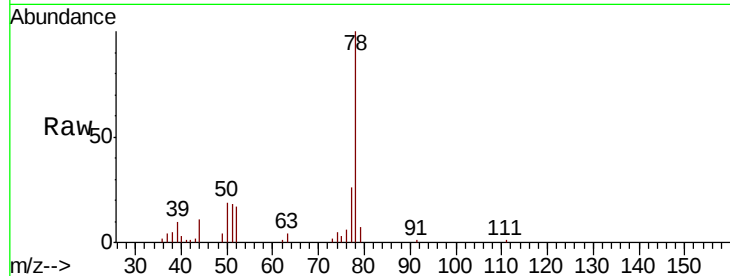
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 78 Resp: 27716

Ion Ratio Lower Upper

78 100

77 26.2 20.7 31.1



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

4.65

10000

8000

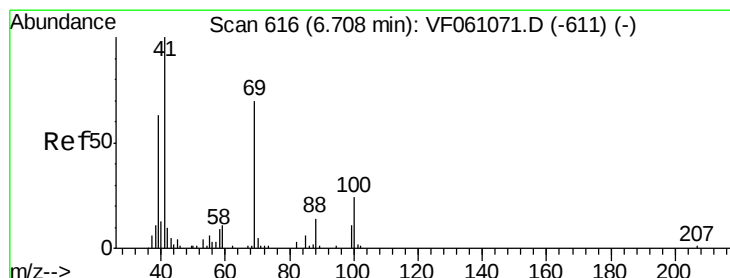
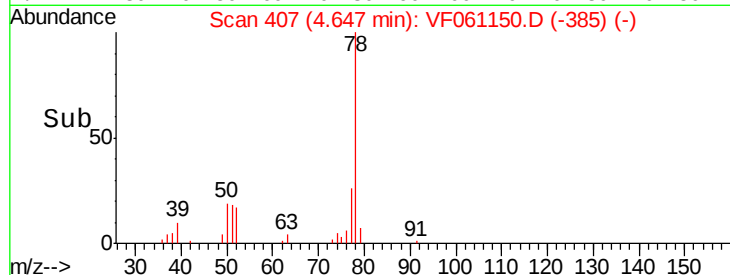
6000

4000

2000

0

Time-->



#49

1,4-Dioxane

Concen: 8.066 ug/l

RT: 6.69 min Scan# 614

Delta R.T. -0.02 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

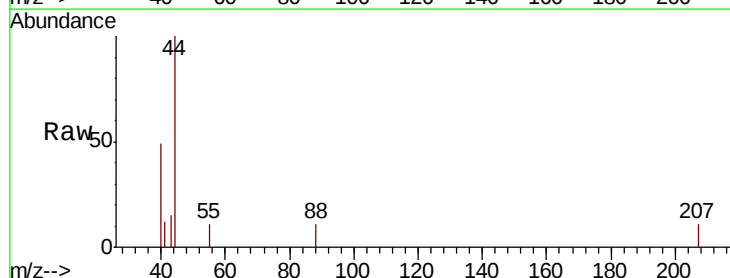
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 133.0 33.3 49.9#

58 0.0 53.2 79.8#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

600

500

400

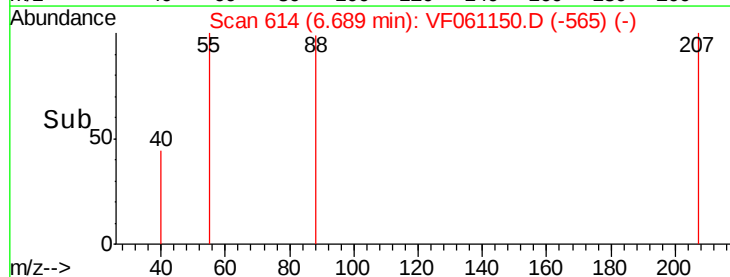
300

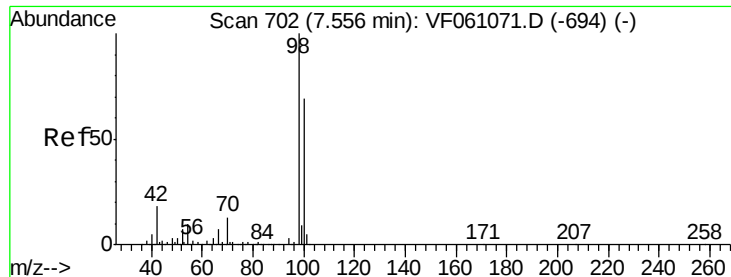
200

100

0

Time-->





#50

Toluene-d8

Concen: 42.234 ug/l

RT: 7.58 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

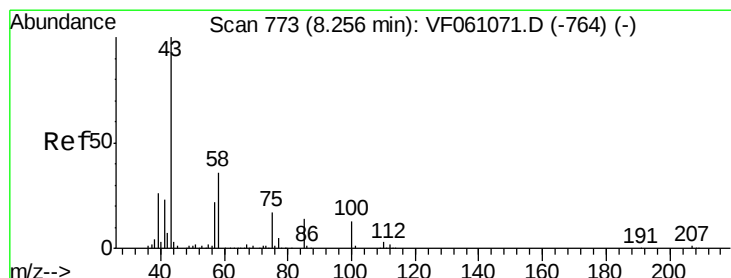
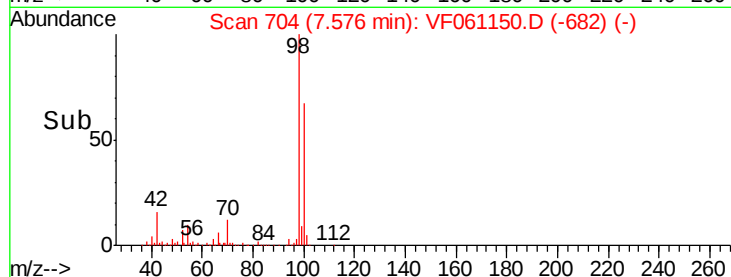
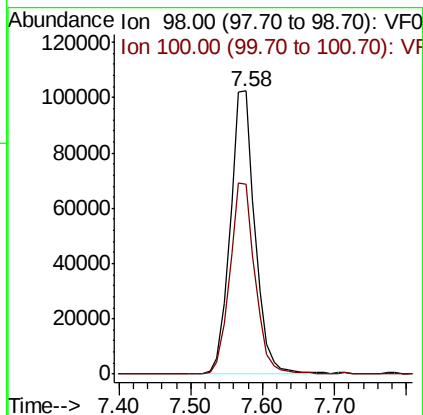
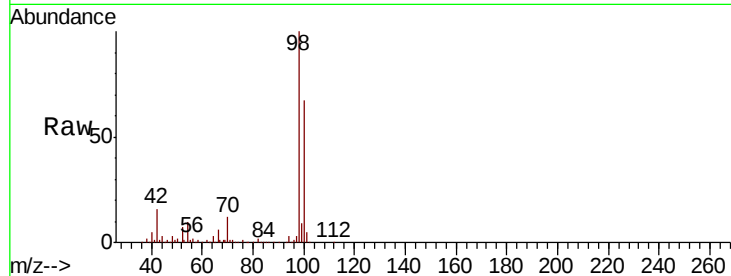
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 98 Resp: 245609

Ion Ratio Lower Upper

98 100

100 67.3 55.3 82.9



#51

4-Methyl-2-Pentanone

Concen: 2.552 ug/l

RT: 8.30 min Scan# 777

Delta R.T. 0.04 min

Lab File: VF061150.D

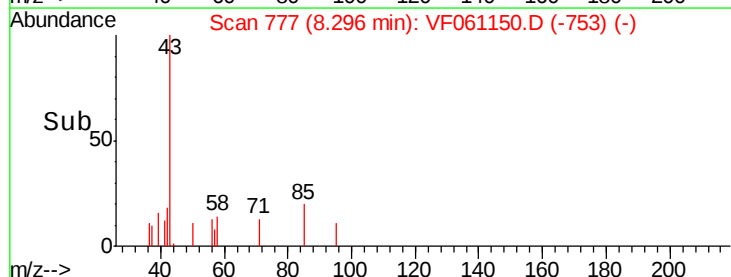
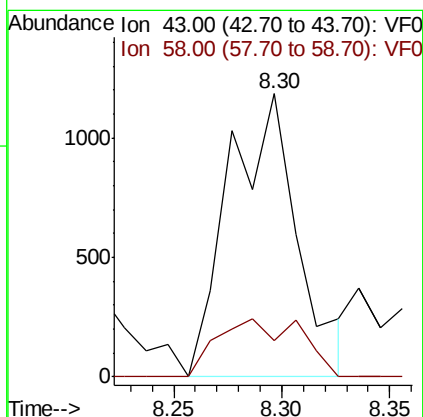
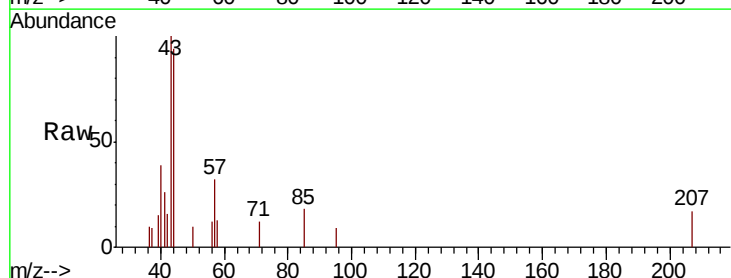
Acq: 22 Dec 2018 17:54

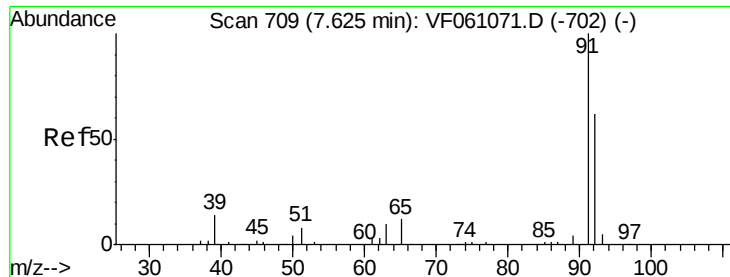
Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

43 100

58 12.7 29.1 43.7#





#52

Toluene

Concen: 7.727 ug/l

RT: 7.65 min Scan# 711

Delta R.T. 0.02 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

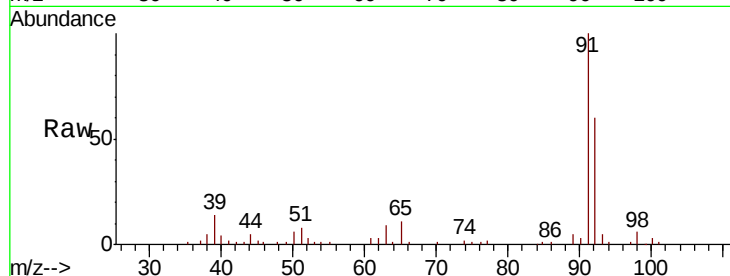
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 92 Resp: 34011

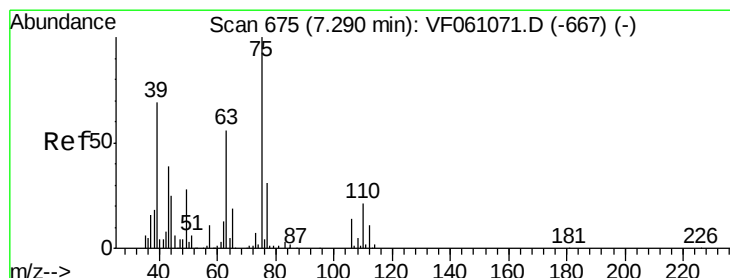
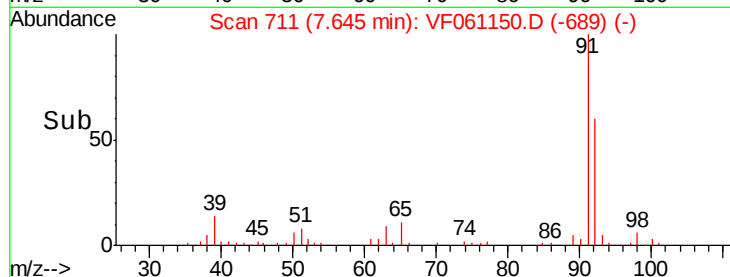
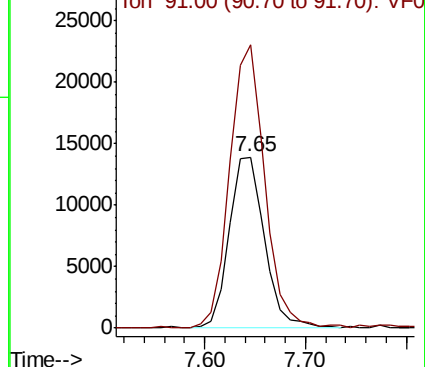
Ion Ratio Lower Upper

92 100

91 165.6 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0
Ion 91.00 (90.70 to 91.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 3.092 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.02 min

Lab File: VF061150.D

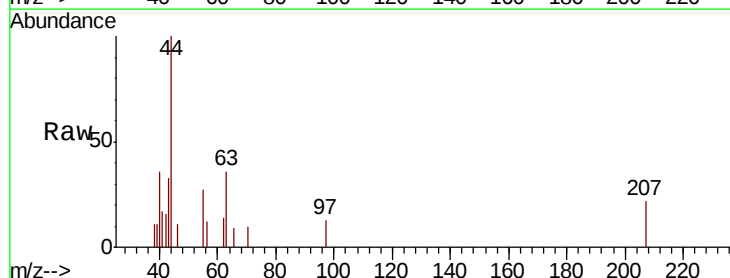
Acq: 22 Dec 2018 17:54

Tgt Ion: 63 Resp: 848

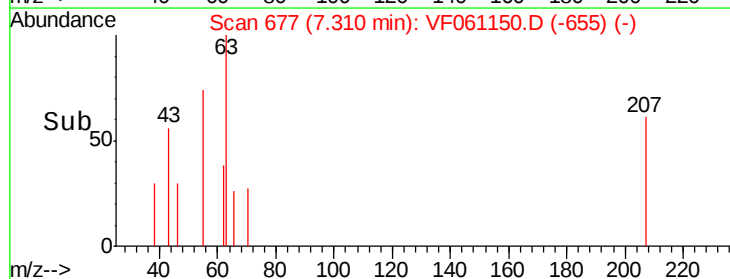
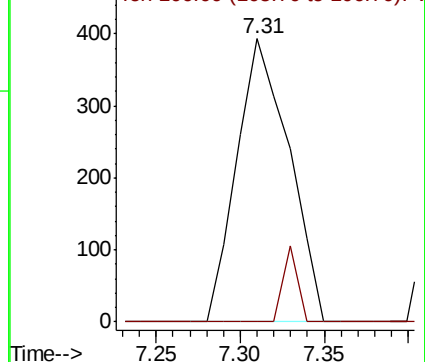
Ion Ratio Lower Upper

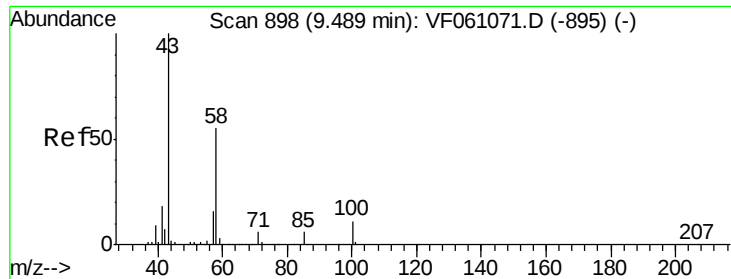
63 100

106 0.0 19.8 29.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0
Ion 106.00 (105.70 to 106.70): V

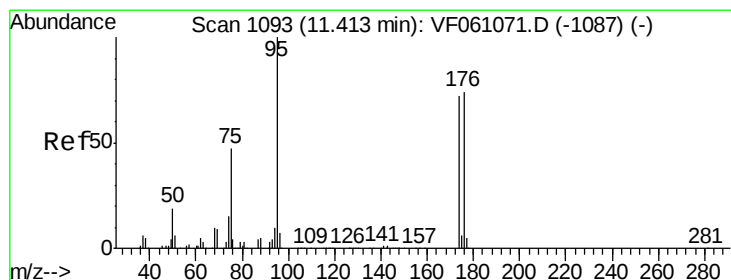
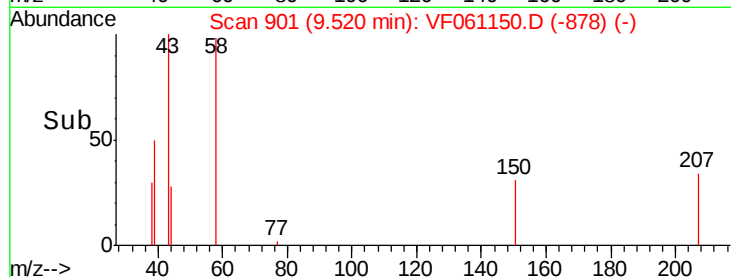
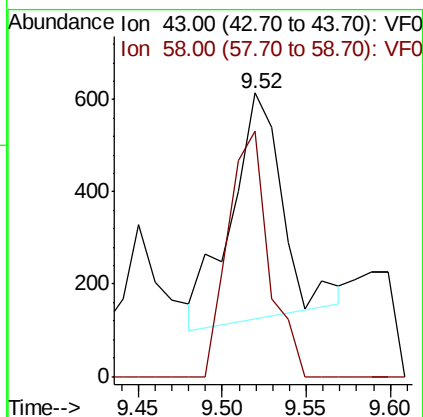
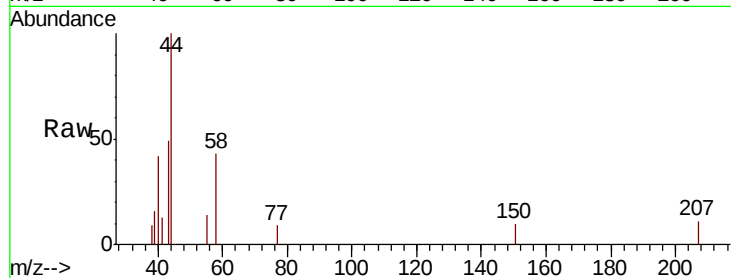




#59
2-Hexanone
Concen: 1.407 ug/l
RT: 9.52 min Scan# 901
Delta R.T. 0.03 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

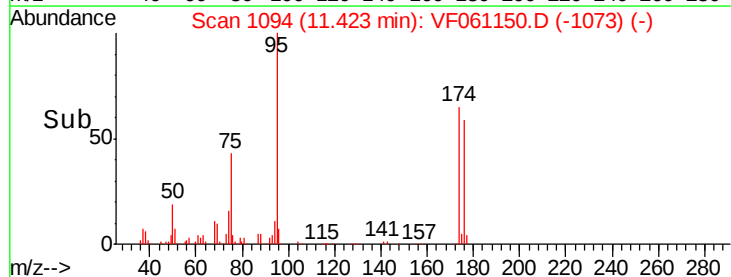
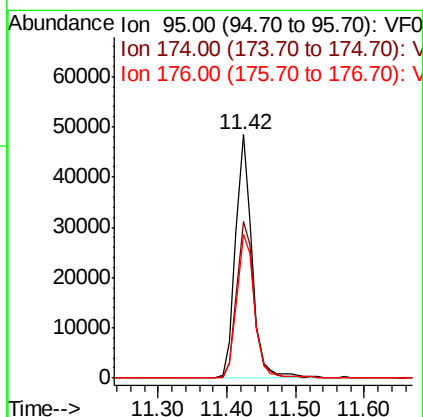
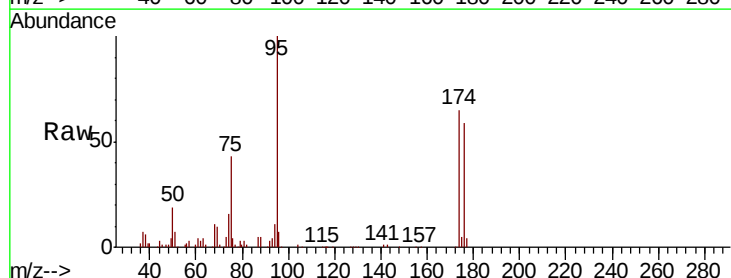
Instrument :
MSVOA_F
ClientSampleId :

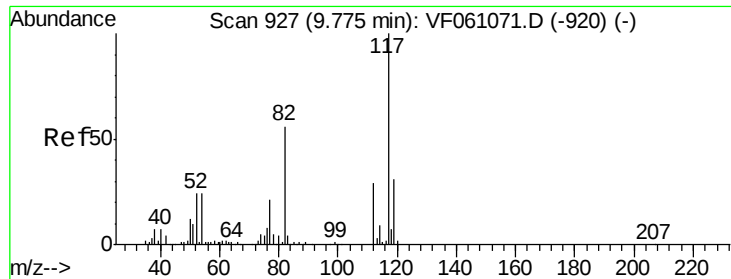
Tot Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 86.5 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 29.858 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

Tgt Ion: 95 Resp: 80048
Ion Ratio Lower Upper
95 100
174 64.6 0.0 143.8
176 59.1 0.0 147.6

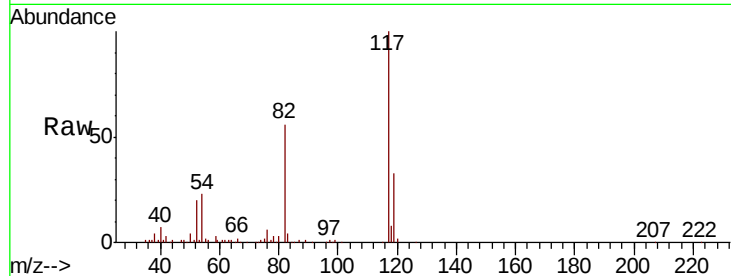




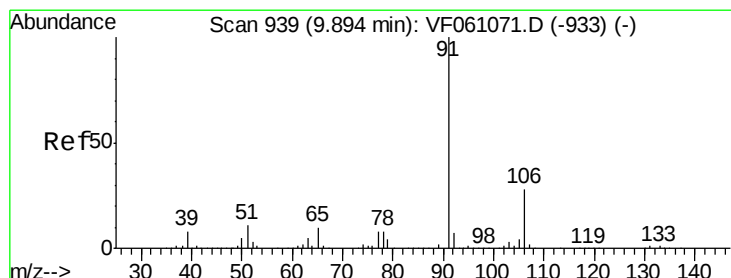
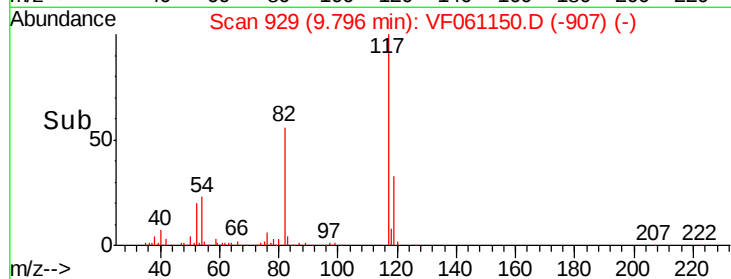
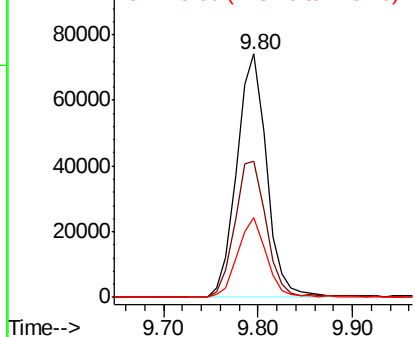
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 162775
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.7 24.8 37.2

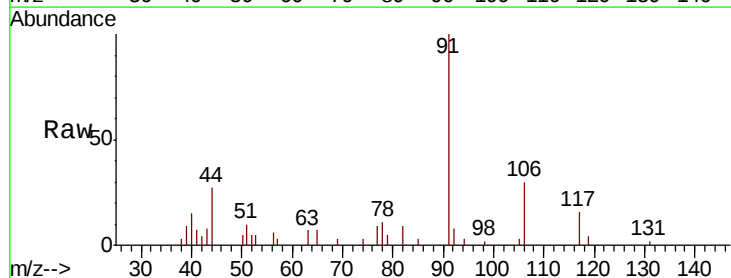


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

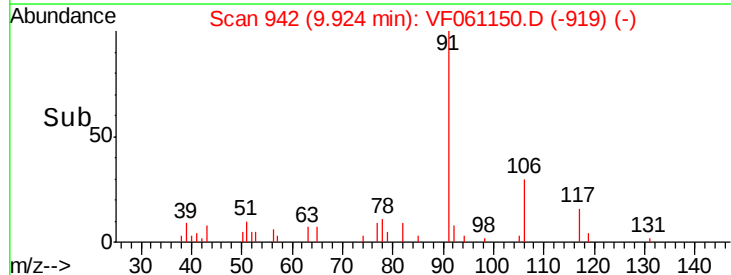
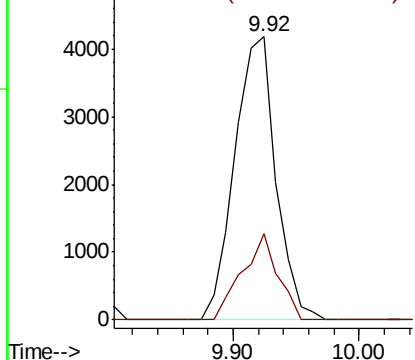


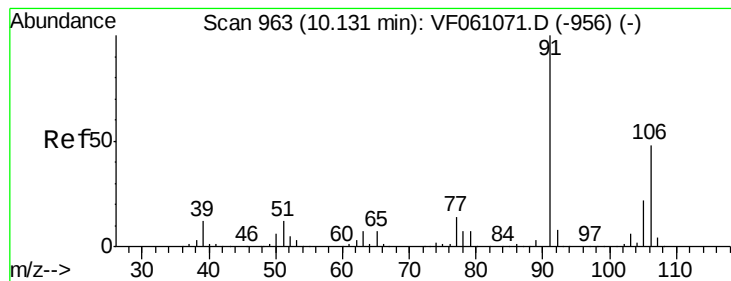
#67
Ethyl Benzene
Concen: 1.545 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.03 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

Tgt Ion: 91 Resp: 9465
Ion Ratio Lower Upper
91 100
106 30.5 22.5 33.7



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 6.405 ug/l

RT: 10.15 min Scan# 965

Delta R.T. 0.02 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

Instrument :

MSVOA_F

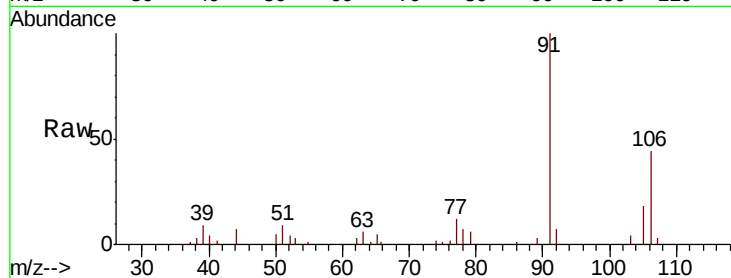
ClientSampleId :

Tot Ion:106 Resp: 13808

Ion Ratio Lower Upper

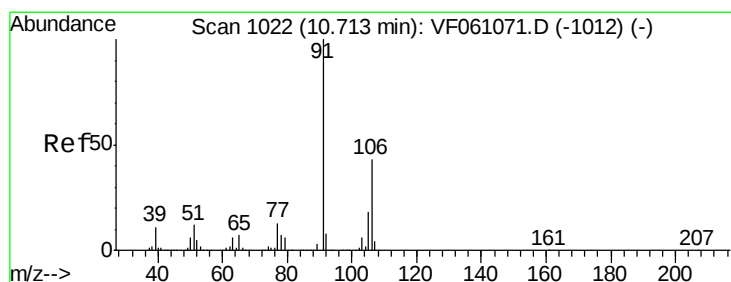
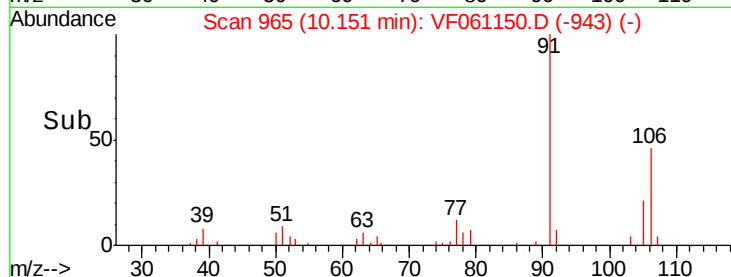
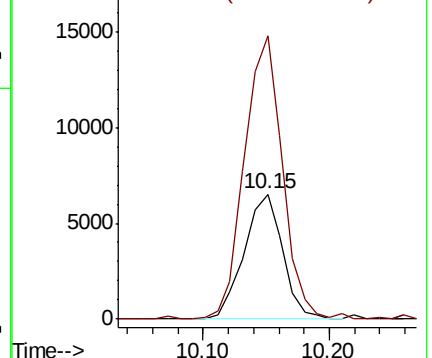
106 100

91 227.1 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 2.578 ug/l

RT: 10.72 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VF061150.D

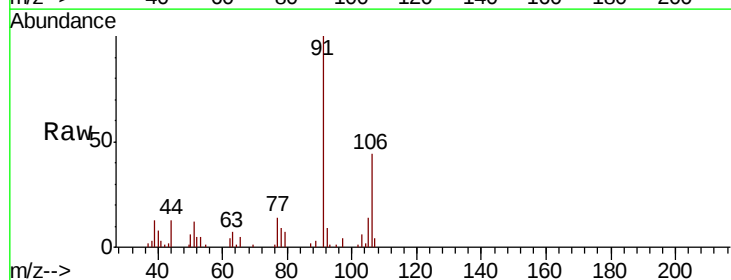
Acq: 22 Dec 2018 17:54

Tgt Ion:106 Resp: 6165

Ion Ratio Lower Upper

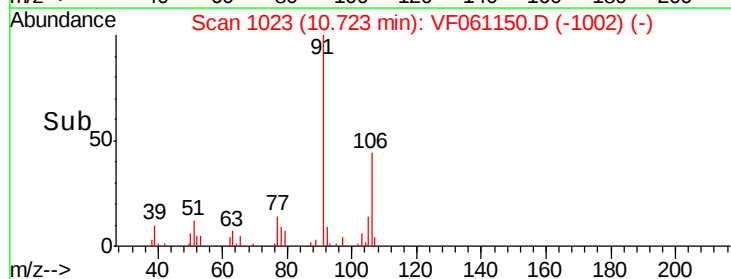
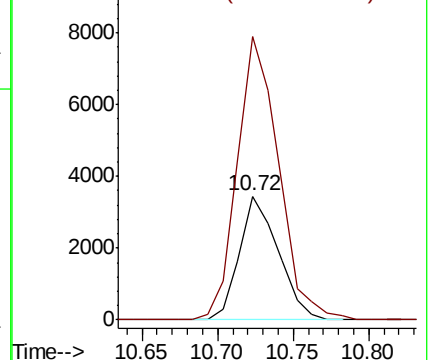
106 100

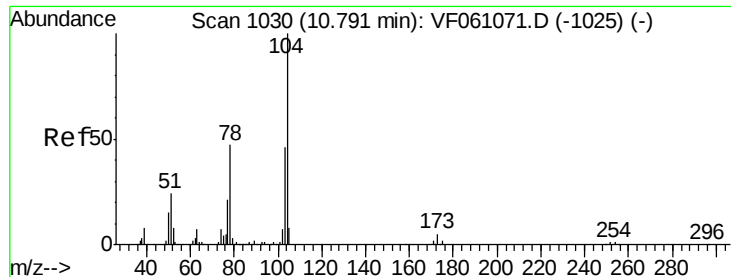
91 228.8 115.9 347.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





#70

Stvrene

Concen: Below Cal

RT: 10.81 min Scan# 1032

Delta R.T. 0.02 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

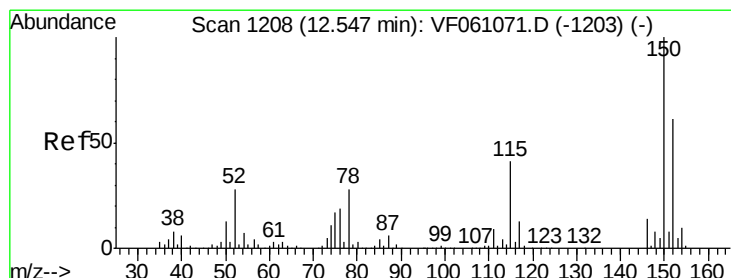
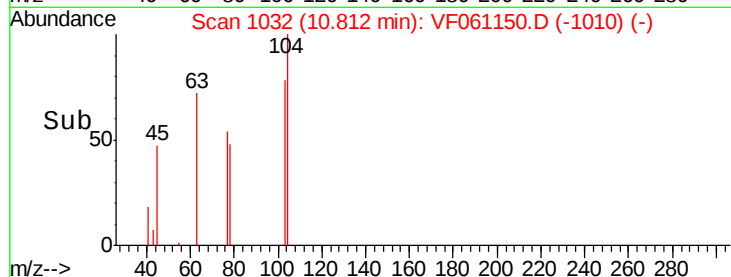
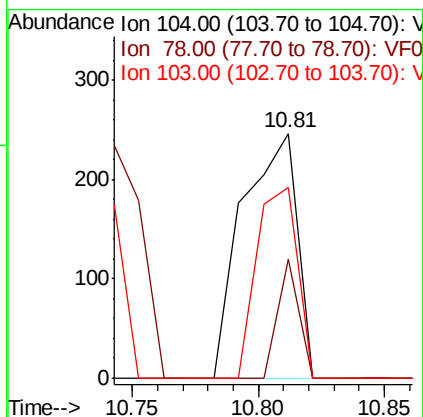
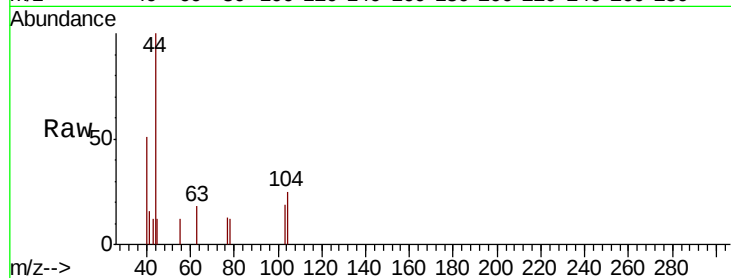
Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:104 Resp: 371

Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.4	57.6
103	78.0	37.0	55.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

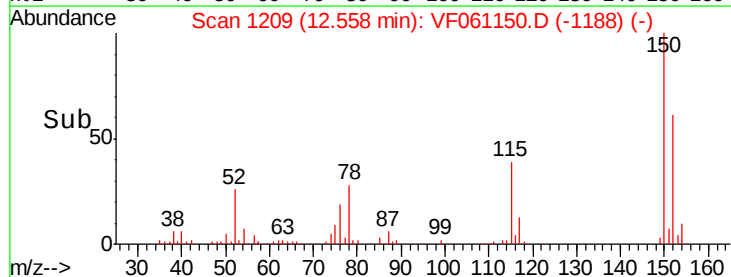
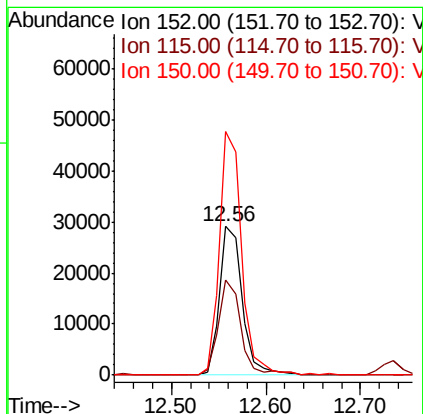
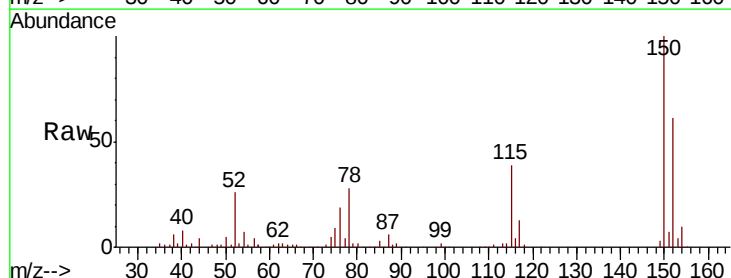
Delta R.T. 0.01 min

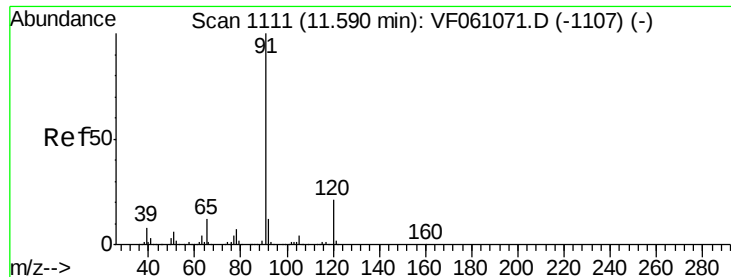
Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

Tgt Ion:152 Resp: 48360

Ion	Ratio	Lower	Upper
152	100		
115	64.3	33.3	99.9
150	164.1	0.0	328.2





#78

n-propylbenzene

Concen: 1.152 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

Instrument :

MSVOA_F

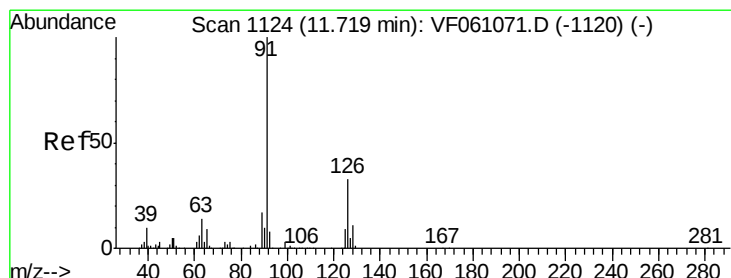
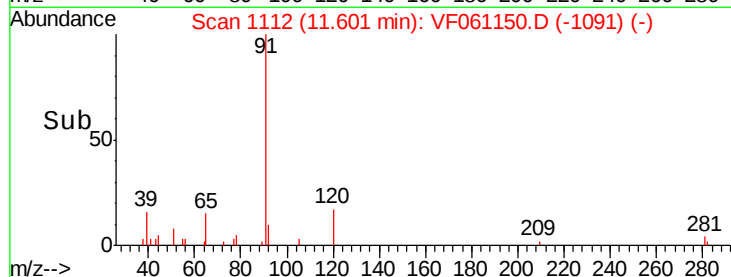
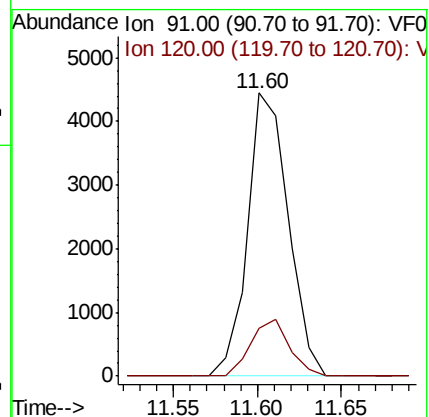
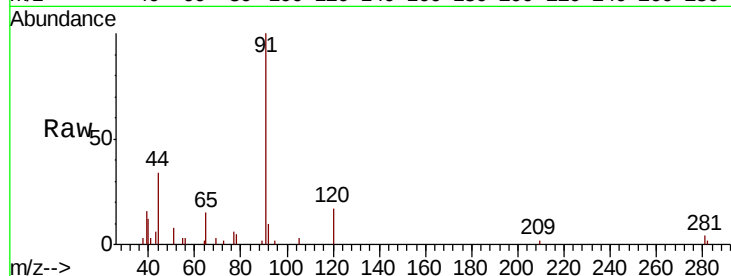
ClientSampleId :

Tot Ion: 91 Resp: 7455

Ion Ratio Lower Upper

91 100

120 16.9 10.4 31.2



#79

2-Chlorotoluene

Concen: 1.334 ug/l

RT: 11.73 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VF061150.D

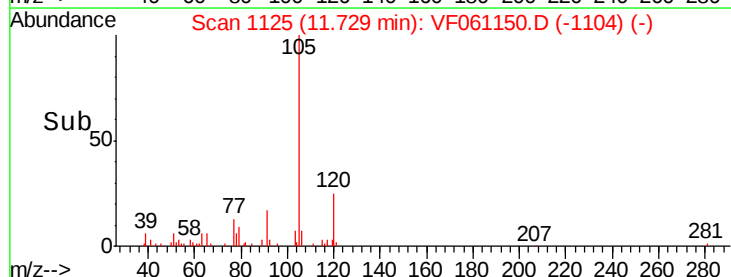
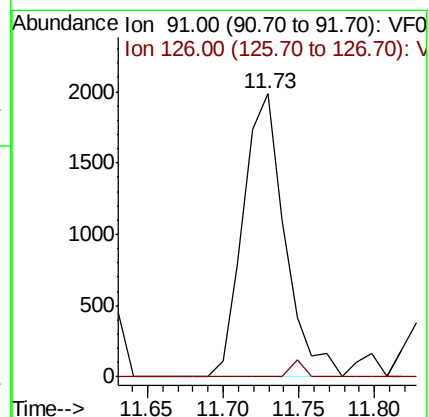
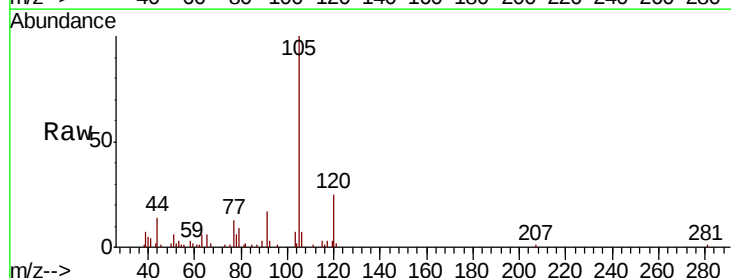
Acq: 22 Dec 2018 17:54

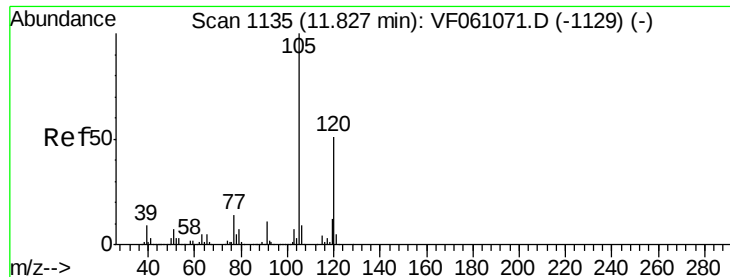
Tgt Ion: 91 Resp: 3815

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#





#80

1,3,5-Trimethylbenzene

Concen: 2.653 ug/l

RT: 11.84 min Scan# 1136

Delta R.T. 0.01 min

Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

Instrument :

MSVOA_F

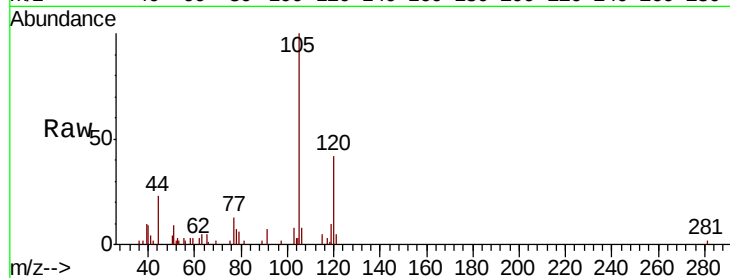
ClientSampleId :

Tot Ion:105 Resp: 9105

Ion Ratio Lower Upper

105 100

120 41.9 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.84

8000

6000

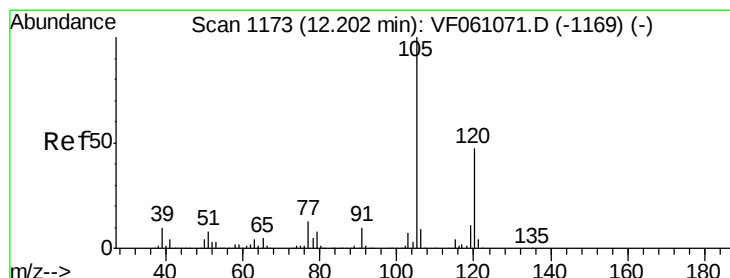
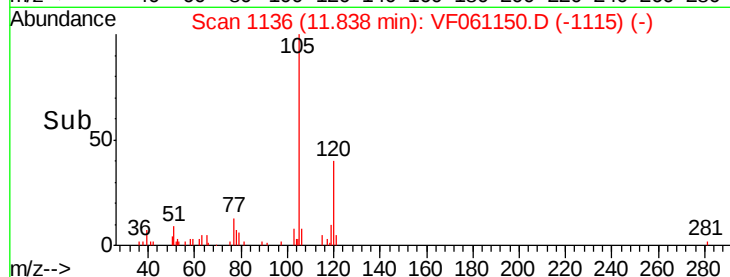
4000

2000

0

11.80 11.85 11.90

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 9.356 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VF061150.D

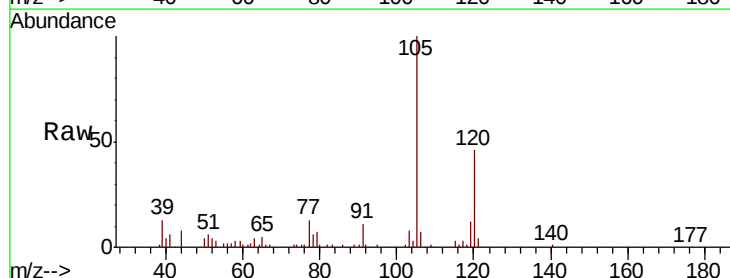
Acq: 22 Dec 2018 17:54

Tgt Ion:105 Resp: 32018

Ion Ratio Lower Upper

105 100

120 46.4 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.21

25000

20000

15000

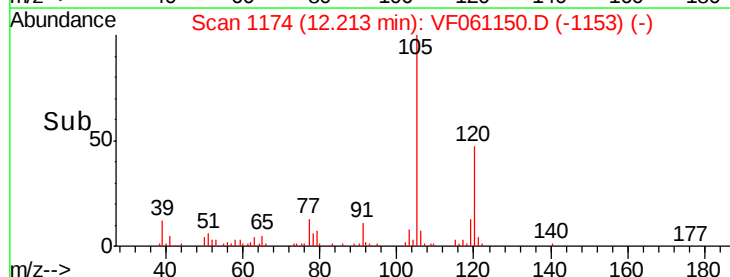
10000

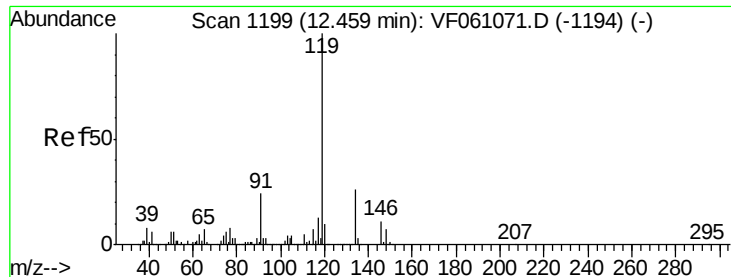
5000

0

12.15 12.20 12.25 12.30

Time-->

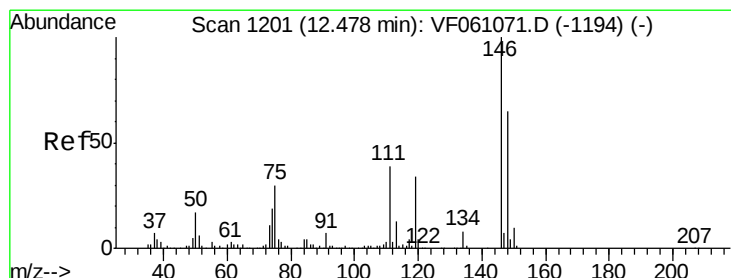
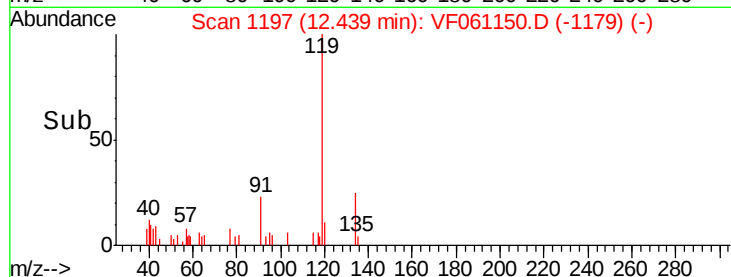
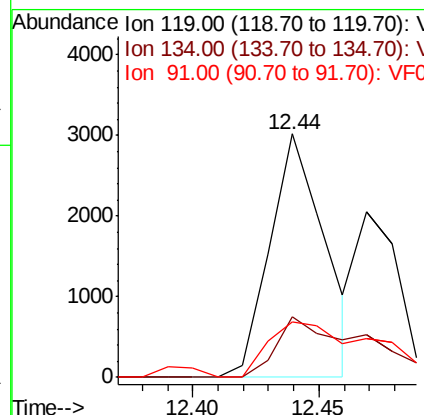
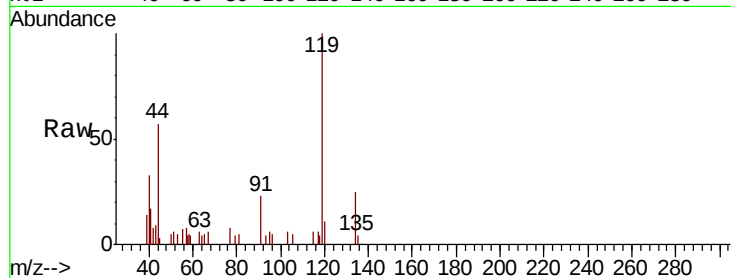




#86
 p-Isopropyltoluene
 Concen: 1.200 ug/l
 RT: 12.44 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: VF061150.D
 Acq: 22 Dec 2018 17:54

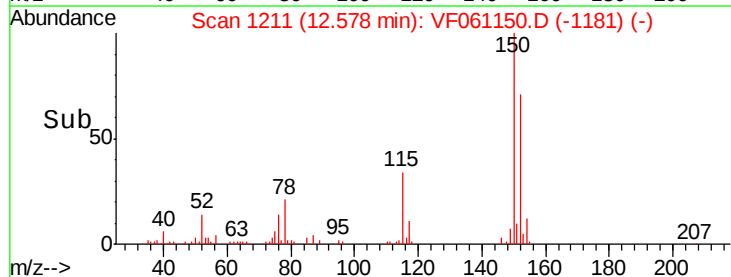
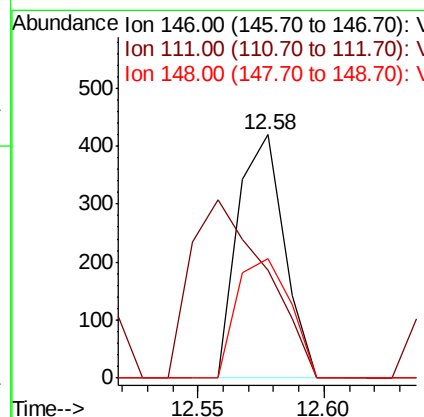
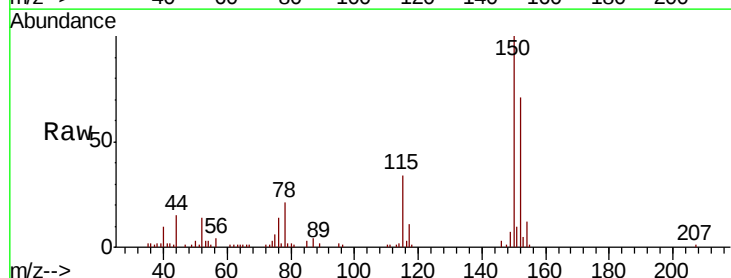
Instrument :
 MSVOA_F
 ClientSampleId :

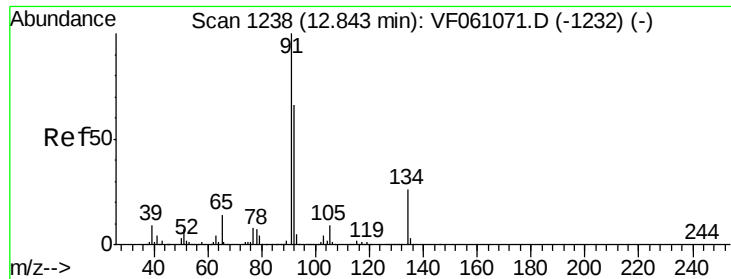
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.8	38.4
91	22.9	12.2	36.6



#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 12.58 min Scan# 1211
 Delta R.T. 0.10 min
 Lab File: VF061150.D
 Acq: 22 Dec 2018 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	19.3	57.9
148	49.0	32.4	97.2

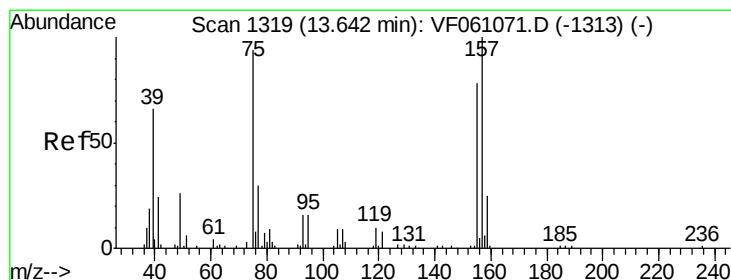
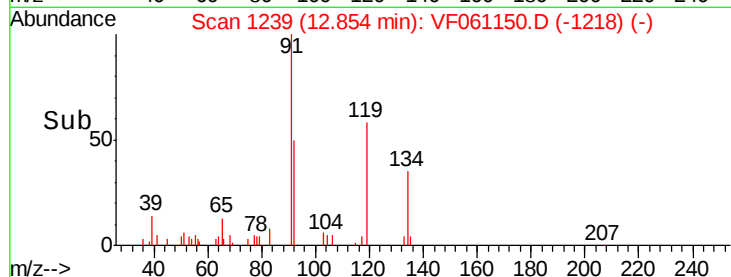
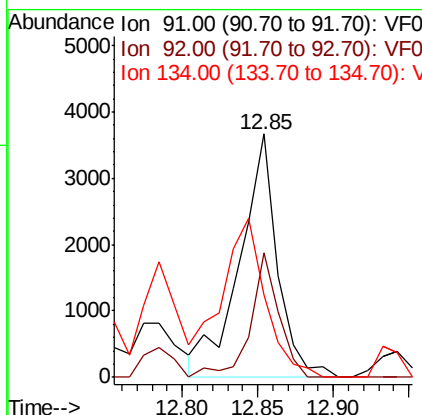
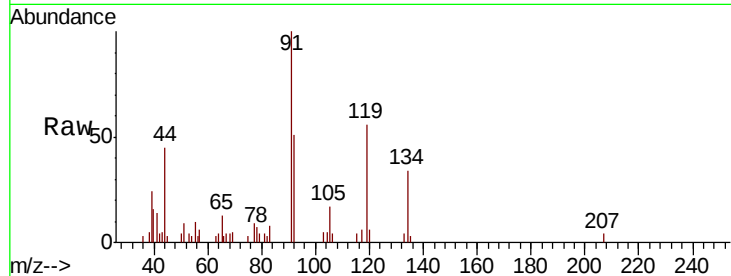




#89
n-Butylbenzene
Concen: 1.641 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

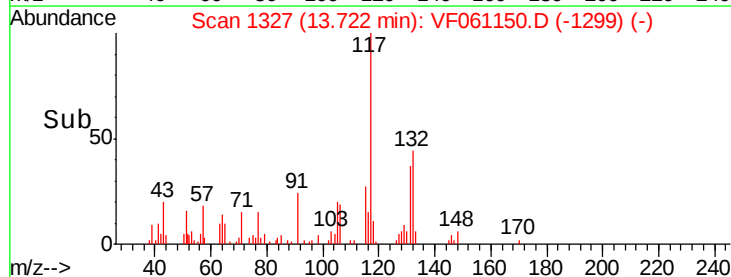
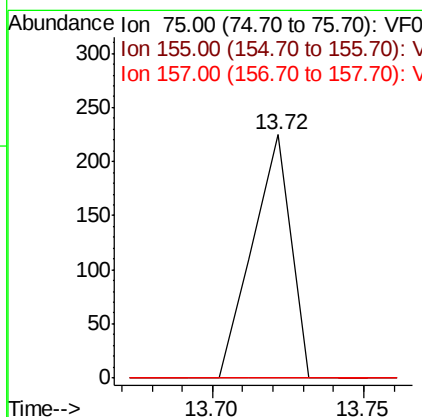
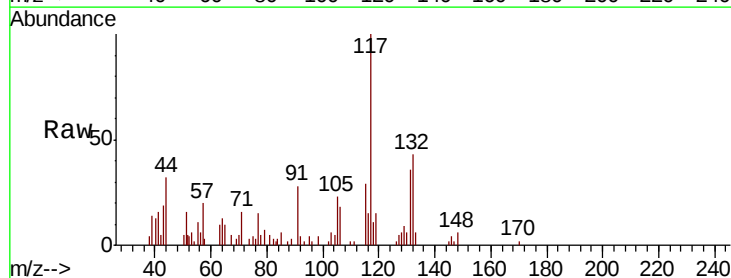
Instrument :
MSVOA_F
ClientSampleId :

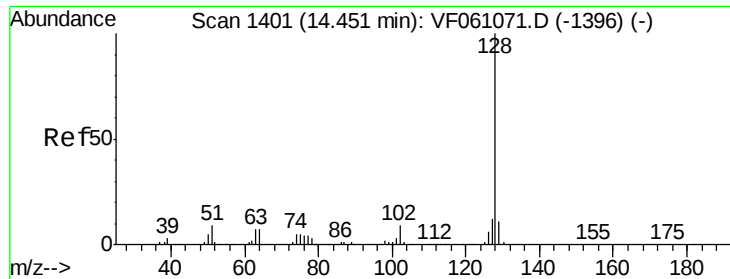
Tot Ion: 91 Resp: 6384
Ion Ratio Lower Upper
91 100
92 51.1 32.8 98.4
134 34.0 13.2 39.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.560 ug/l
RT: 13.72 min Scan# 1327
Delta R.T. 0.08 min
Lab File: VF061150.D
Acq: 22 Dec 2018 17:54

Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.5#
157 0.0 53.2 159.6#





#95

Napthalene

Concen: 2.517 ug/l

RT: 14.47 min Scan# 1403

Delta R.T. 0.02 min

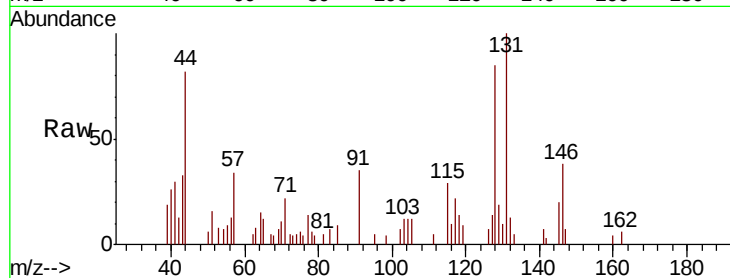
Lab File: VF061150.D

Acq: 22 Dec 2018 17:54

Instrument :

MSVOA_F

ClientSampleId :



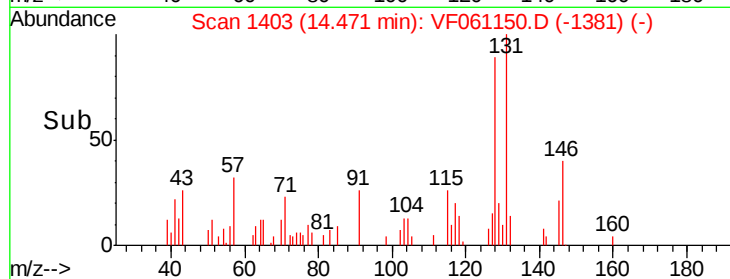
Tot Ion:128 Resp: 5228

Ion Ratio Lower Upper

128 100

127 16.7 9.4 14.2#

129 22.7 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

