

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
 Data File : VF061566.D
 Acq On : 8 Feb 2019 19:14
 Operator : VA/AP
 Sample : K1450-01
 Misc : 5.74g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

Quant Time: Feb 09 04:32:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	191763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	324773	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	311963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	164897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	104455	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
35) Dibromofluoromethane	4.11	113	106767	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	
50) Toluene-d8	7.55	98	259723	36.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.98%	
62) 4-Bromofluorobenzene	11.41	95	138816	42.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.62%	

Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	149	1.487	ug/l #	1
13) Acrolein	1.99	56	23824	274.924	ug/l #	1
14) Allyl chloride	2.05	41	156986	78.586	ug/l #	49
15) Acrylonitrile	2.92	53	13522	52.676	ug/l #	34
16) Acetone	2.23	43	72301	152.225	ug/l	93
18) Methyl Acetate	2.37	43	5663	6.012	ug/l #	61
20) Methylene Chloride	2.18	84	6479	2.344	ug/l #	37
25) 2-Butanone	4.32	43	59119	74.849	ug/l #	64
29) Tetrahydrofuran	3.99	42	82405	242.297	ug/l #	1
31) Cyclohexane	3.68	56	139716	36.717	ug/l	98
37) Ethyl Acetate	4.00	43	384401	255.377	ug/l #	1
39) Methylcyclohexane	5.45	83	347493	85.153	ug/l	96
40) Benzene	4.62	78	606475	72.380	ug/l	99
41) Methacrylonitrile	4.69	41	14870	18.566	ug/l #	68
43) Isopropyl Acetate	7.02	43	9974	5.280	ug/l #	57
48) Methyl methacrylate	6.65	41	27283	21.507	ug/l #	85
49) 1,4-Dioxane	6.50	88	59	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.27	43	16655	11.992	ug/l #	52
52) Toluene	7.62	92	21811	3.953	ug/l	95
56) Ethyl methacrylate	8.68	69	6809	3.735	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.25	63	815	31.312	ug/l #	47
59) 2-Hexanone	9.50	43	2080	2.148	ug/l #	43
67) Ethyl Benzene	9.89	91	36216	3.125	ug/l	91
68) m/p-Xylenes	10.13	106	99836	23.948	ug/l	96
69) o-Xylene	10.71	106	13397	2.965	ug/l	97
73) Isopropylbenzene	11.12	105	85590	6.382	ug/l	97
78) n-propylbenzene	11.59	91	249102	14.125	ug/l	94
79) 2-Chlorotoluene	11.59	91	249102	26.770	ug/l #	45
84) 1,2,4-Trimethylbenzene	12.20	105	12745	1.143	ug/l	93
85) sec-Butylbenzene	12.30	105	24542	1.613	ug/l #	66
89) n-Butylbenzene	12.84	91	33234	2.580	ug/l	94
95) Naphthalene	14.45	128	77681	11.016	ug/l #	95

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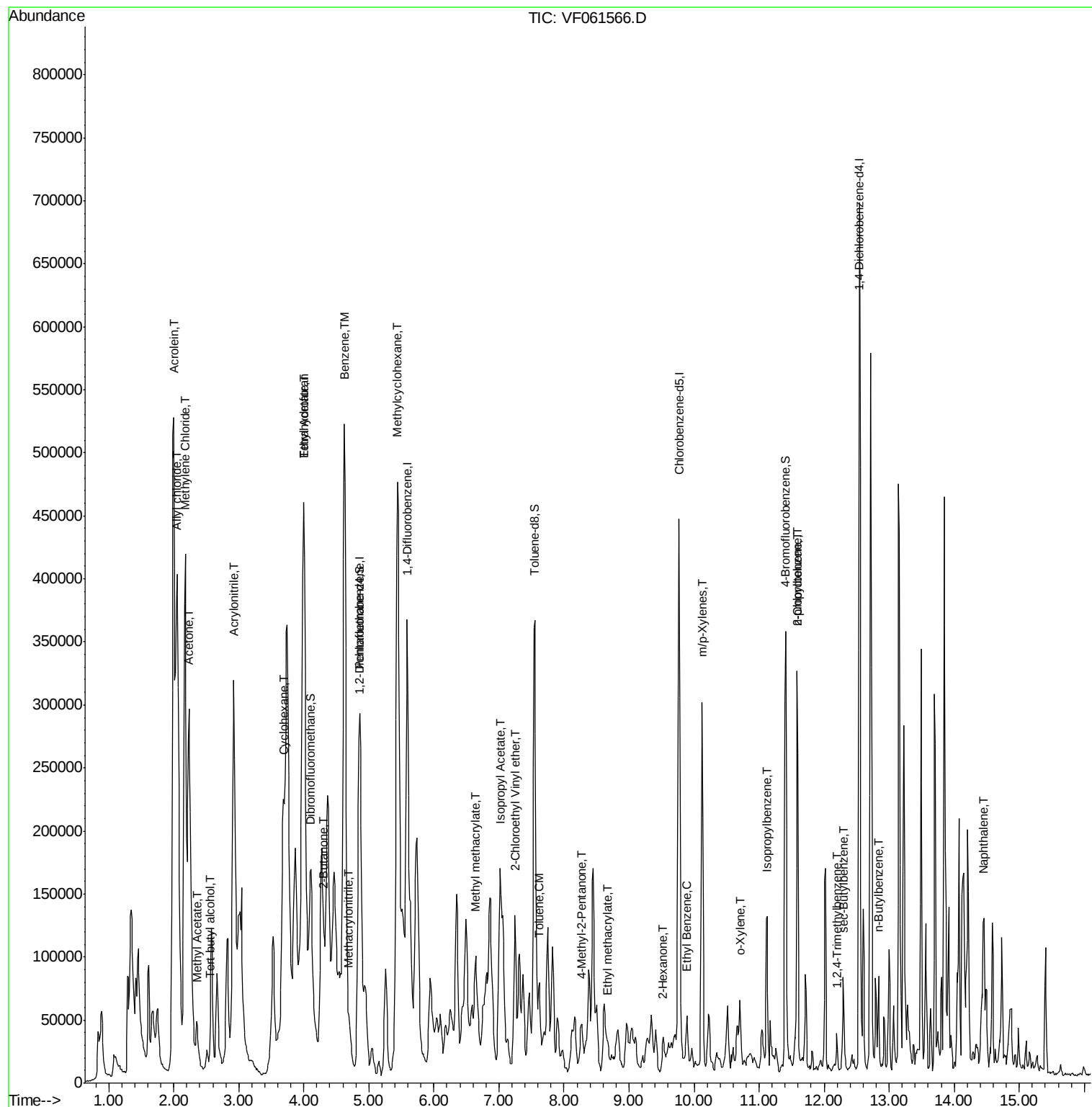
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

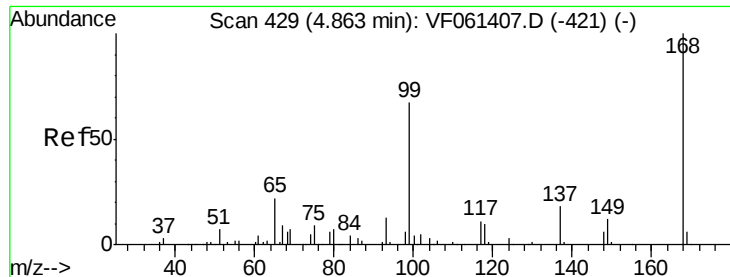
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

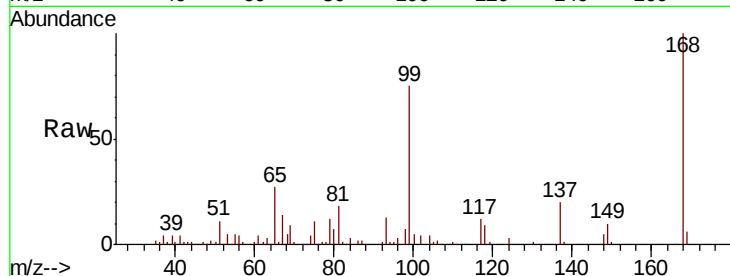
SHORE-RD-BOX-CULVERT-TP

Tgt Ion:168 Resp: 191763

Ion Ratio Lower Upper

168 100

99 74.6 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

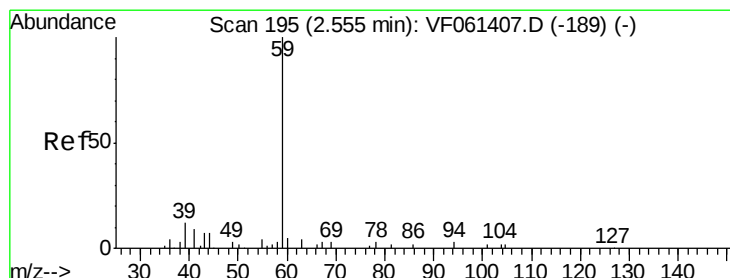
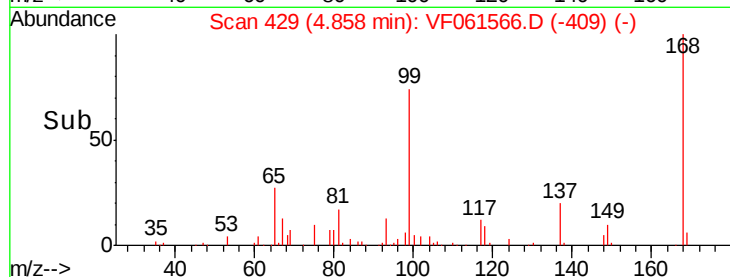
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.487 ug/l

RT: 2.55 min Scan# 195

Delta R.T. -0.01 min

Lab File: VF061566.D

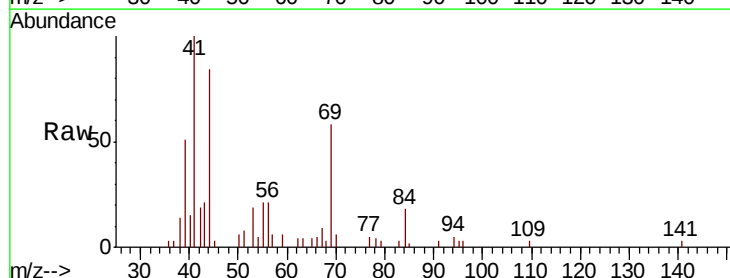
Acq: 8 Feb 2019 19:14

Tgt Ion: 59 Resp: 149

Ion Ratio Lower Upper

59 100

57 96.8 11.9 17.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

600

500

400

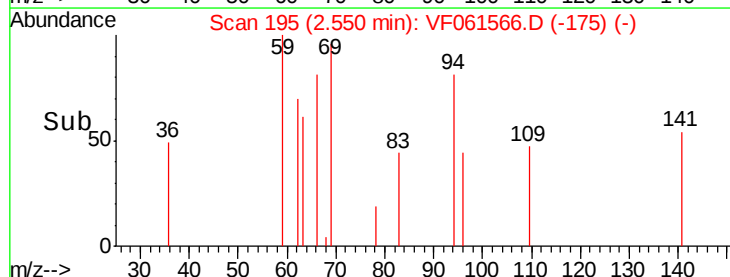
300

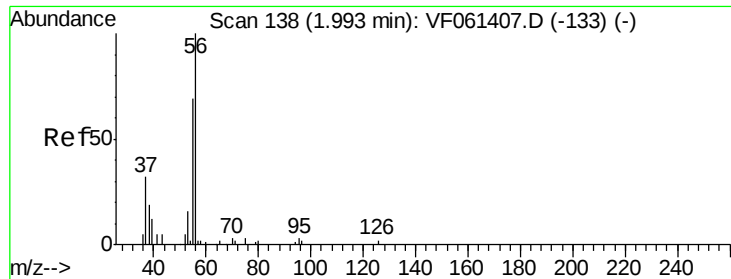
200

100

0

Time-->





#13

Acrolein

Concen: 274.924 ug/l

RT: 1.99 min Scan# 138

Delta R.T. -0.00 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

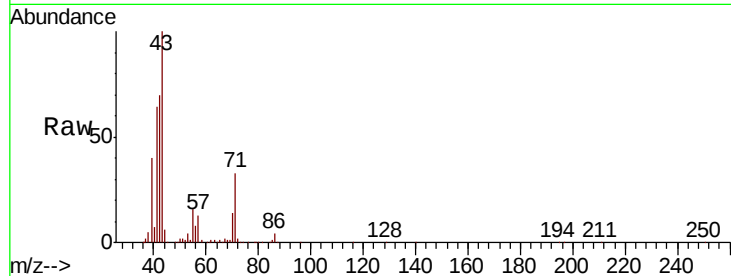
SHORE-RD-BOX-CULVERT-TP

Tgt Ion: 56 Resp: 23824

Ion Ratio Lower Upper

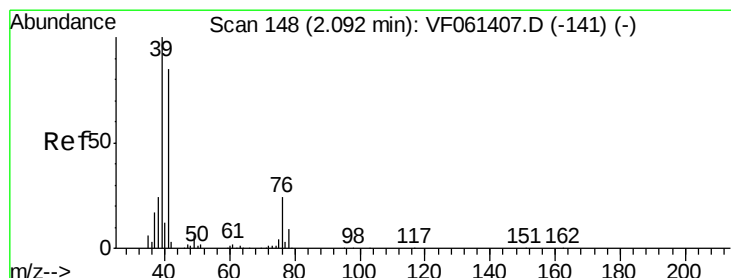
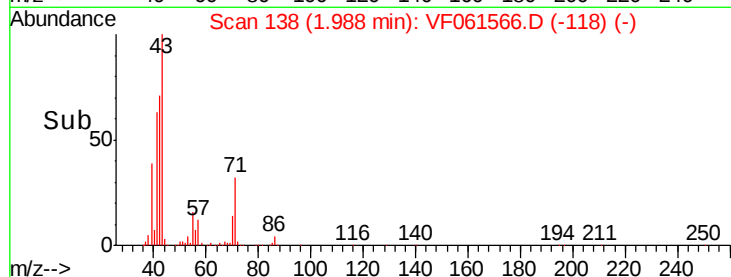
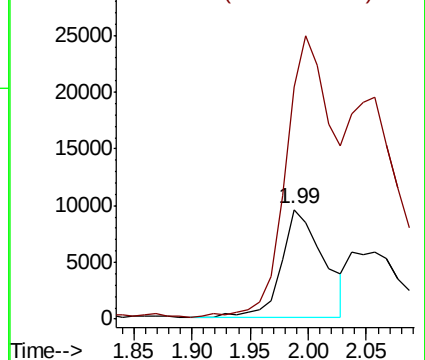
56 100

55 212.4 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 78.586 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.04 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

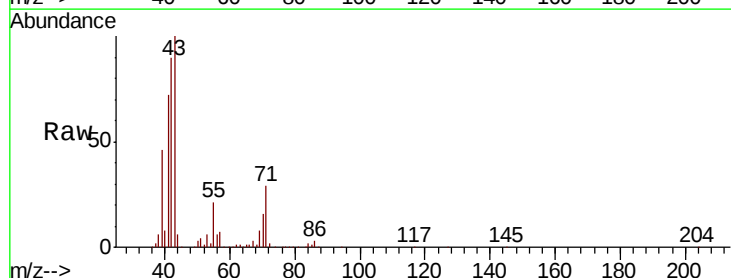
Tgt Ion: 41 Resp: 156986

Ion Ratio Lower Upper

41 100

39 63.8 94.6 141.8#

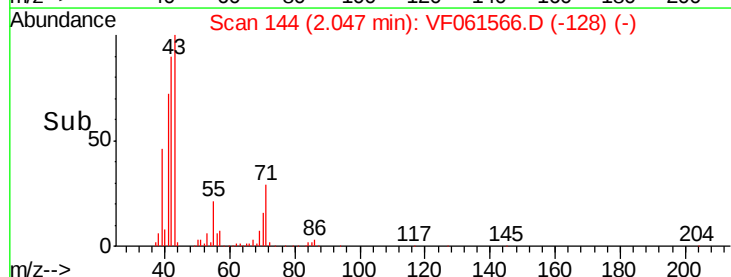
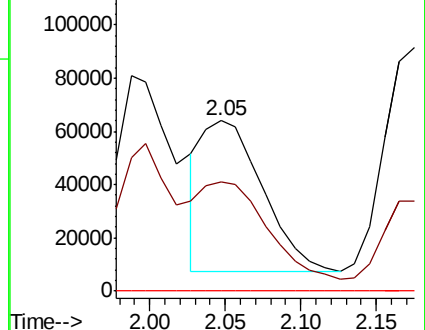
76 0.3 25.9 38.9#

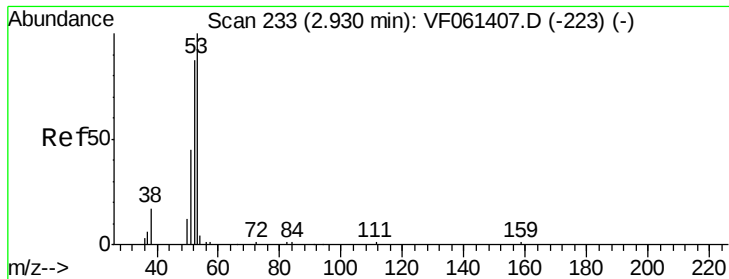


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 52.676 ug/l

RT: 2.92 min Scan# 233

Delta R.T. -0.01 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

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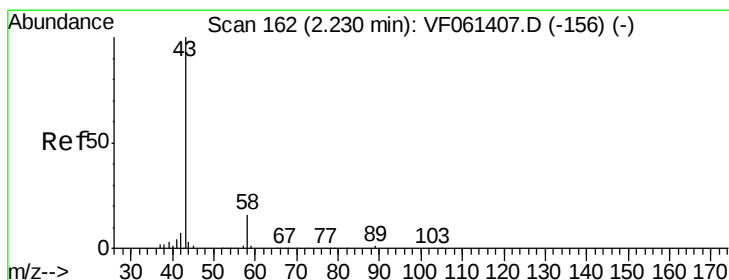
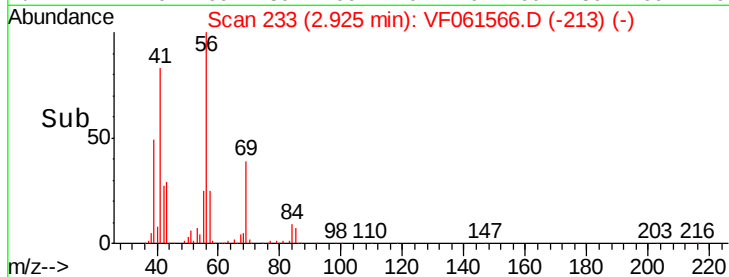
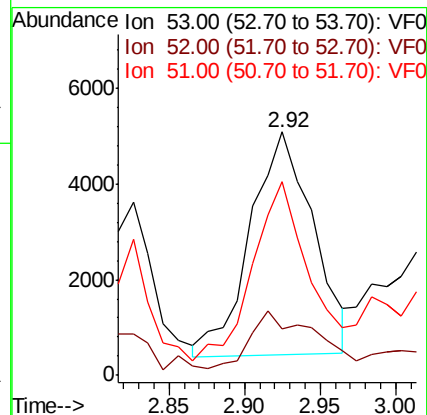
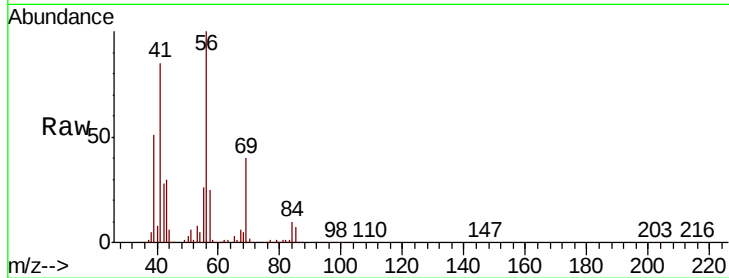
Tgt Ion: 53 Resp: 13522

Ion Ratio Lower Upper

53 100

52 19.2 69.6 104.4#

51 79.7 36.8 55.2#



#16

Acetone

Concen: 152.225 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061566.D

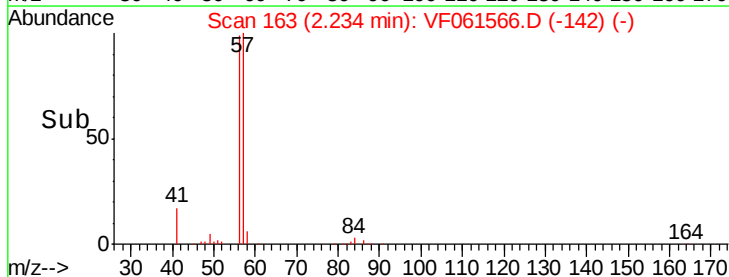
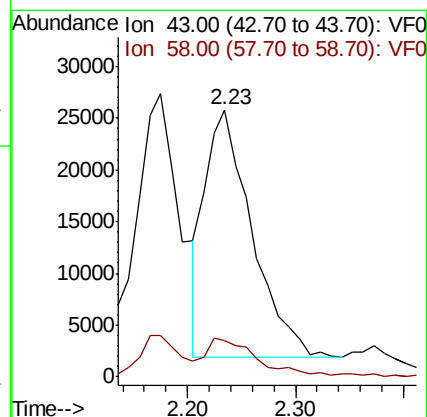
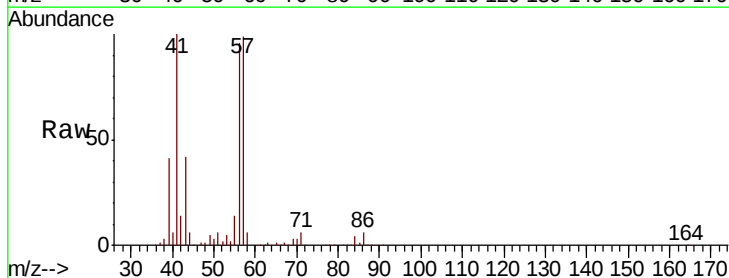
Acq: 8 Feb 2019 19:14

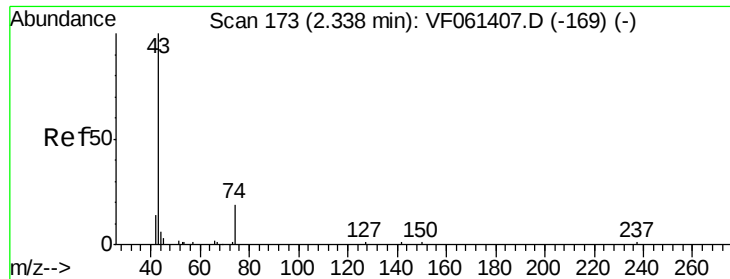
Tgt Ion: 43 Resp: 72301

Ion Ratio Lower Upper

43 100

58 13.7 13.3 19.9

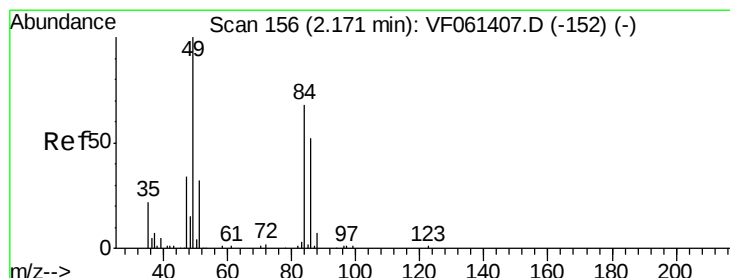
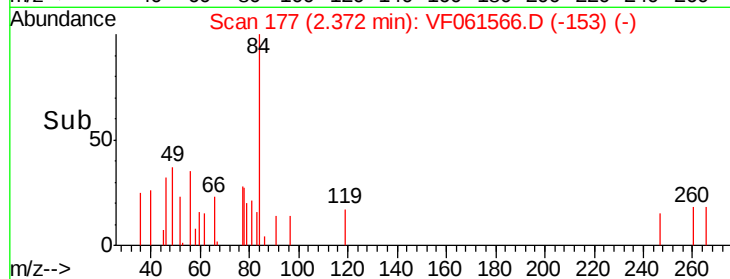
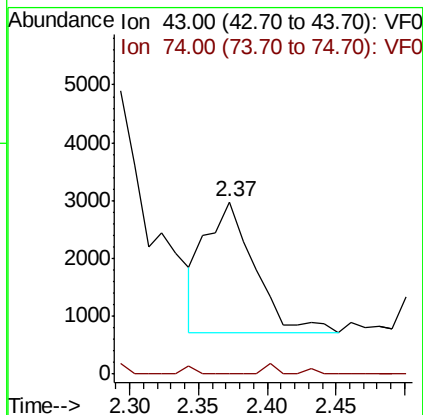
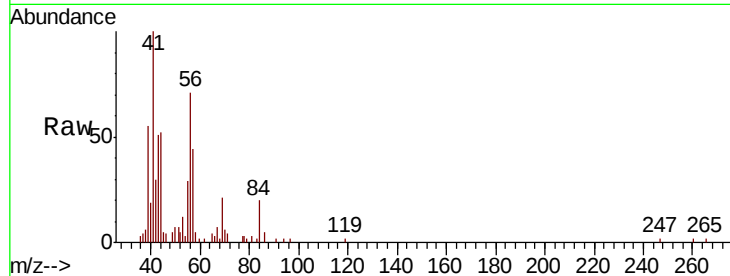




#18
Methyl Acetate
Concen: 6.012 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

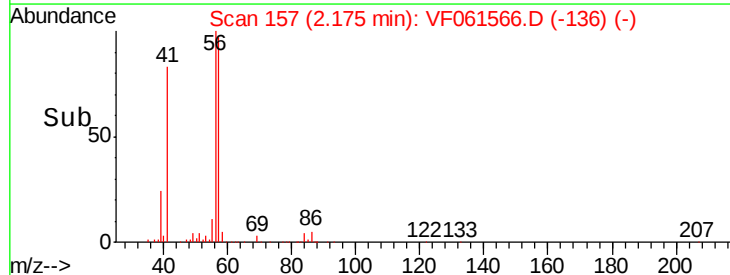
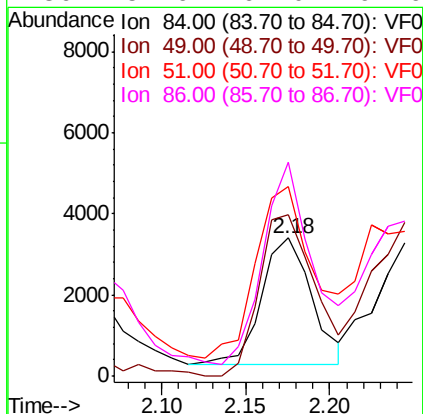
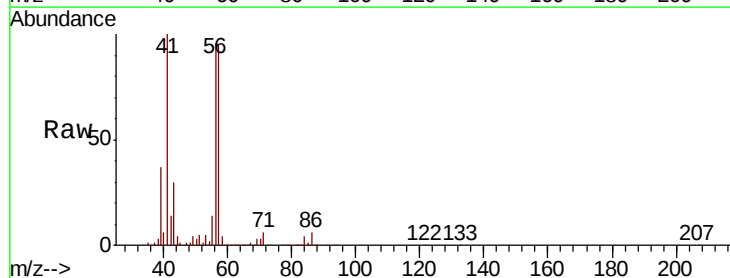
Instrument :
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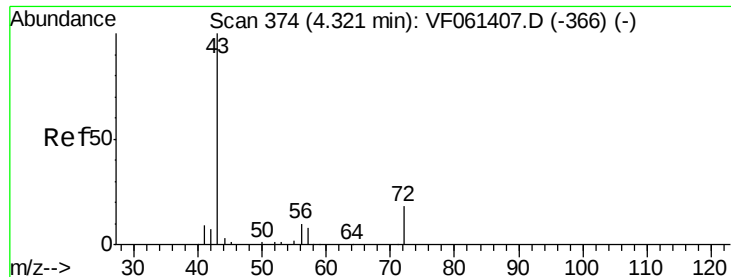
Tgt Ion: 43 Resp: 5663
Ion Ratio Lower Upper
43 100
74 0.0 13.4 20.0#



#20
Methylene Chloride
Concen: 2.344 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 84 Resp: 6479
Ion Ratio Lower Upper
84 100
49 116.9 120.0 180.0#
51 136.9 38.6 58.0#
86 154.6 61.0 91.6#

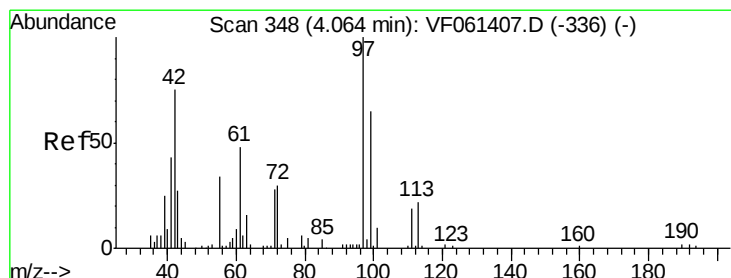
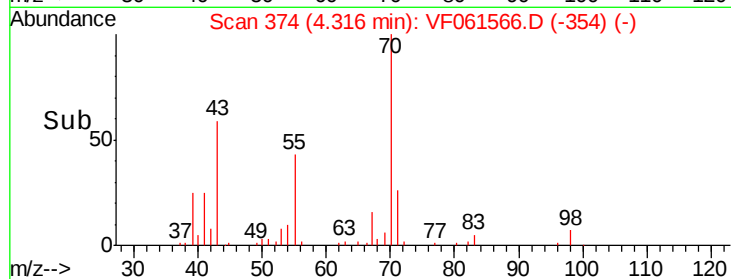
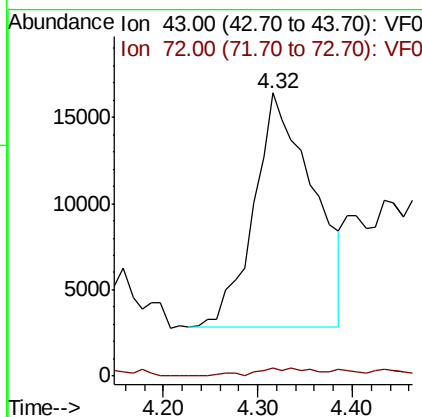
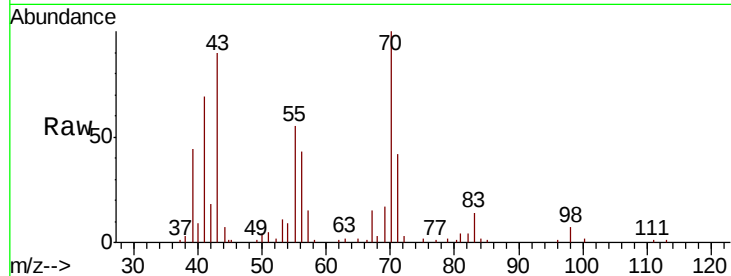




#25
2-Butanone
Concen: 74.849 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

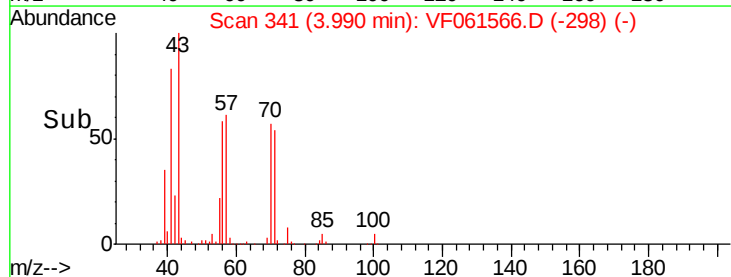
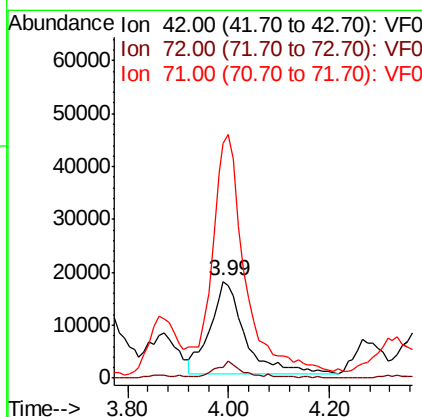
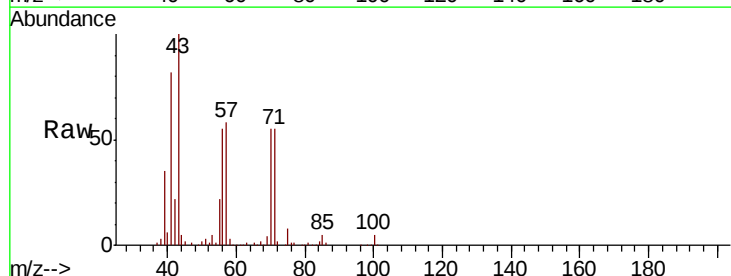
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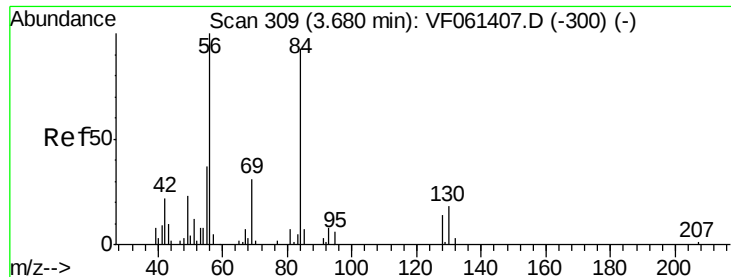
Tgt Ion: 43 Resp: 59119
Ion Ratio Lower Upper
43 100
72 3.1 15.8 23.6#



#29
Tetrahydrofuran
Concen: 242.297 ug/l
RT: 3.99 min Scan# 341
Delta R.T. -0.07 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 42 Resp: 82405
Ion Ratio Lower Upper
42 100
72 10.9 28.9 43.3#
71 239.0 29.6 44.4#

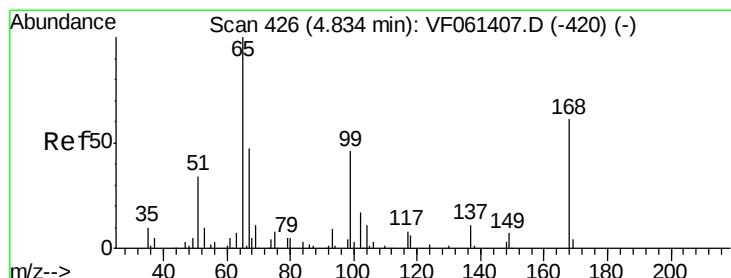
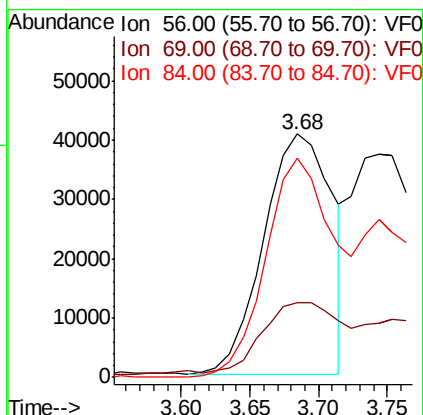
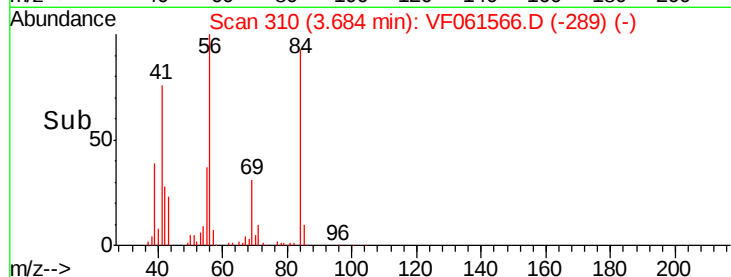
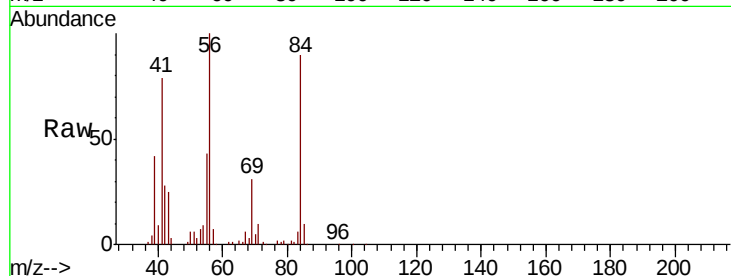




#31
Cyclohexane
Concen: 36.717 ug/l
RT: 3.68 min Scan# 310
Delta R.T. 0.00 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

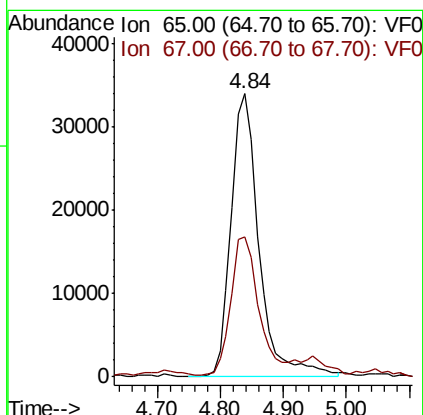
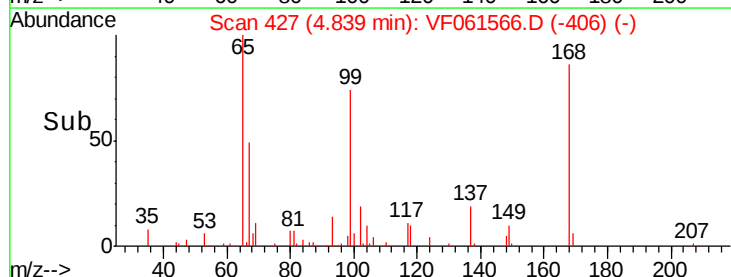
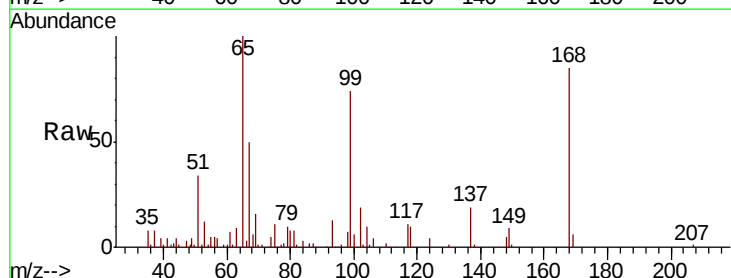
Instrument :
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SHORE-RD-BOX-CULVERT-TP

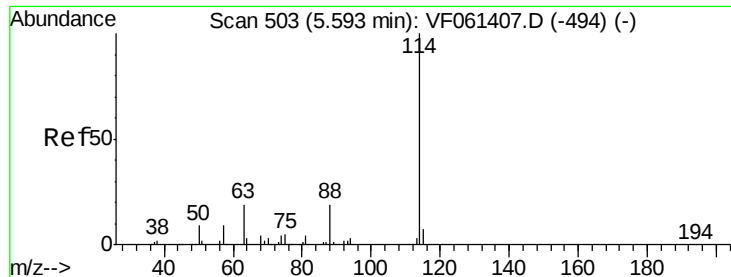
Tgt Ion: 56 Resp: 139716
Ion Ratio Lower Upper
56 100
69 30.6 24.6 36.8
84 89.8 74.2 111.2



#33
1,2-Dichloroethane-d4
Concen: 44.119 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 65 Resp: 104455
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

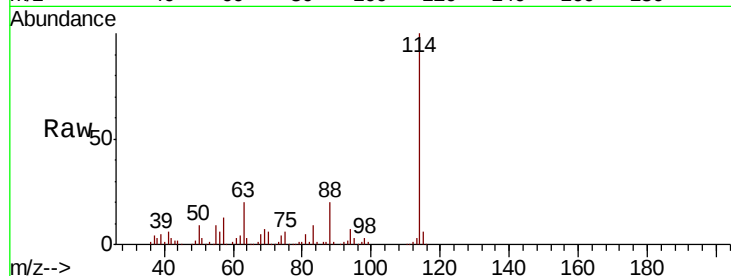
Tgt Ion:114 Resp: 324773

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

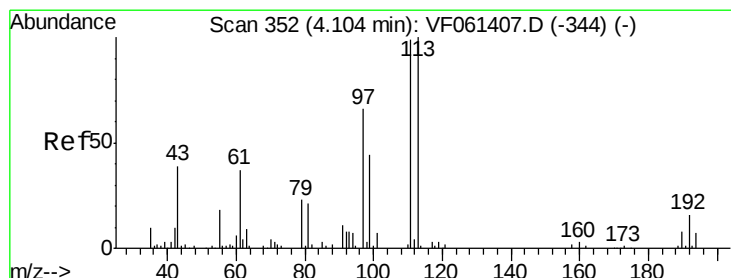
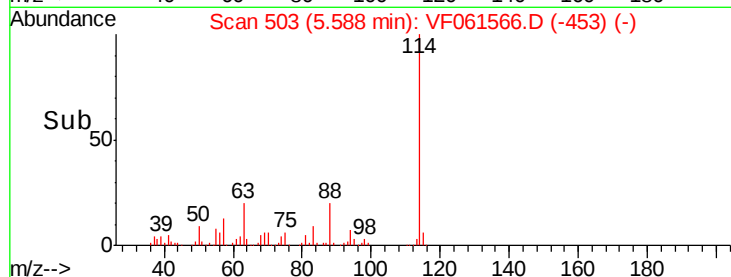
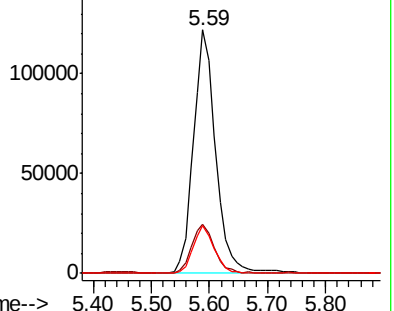
88 19.7 0.0 37.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 41.661 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

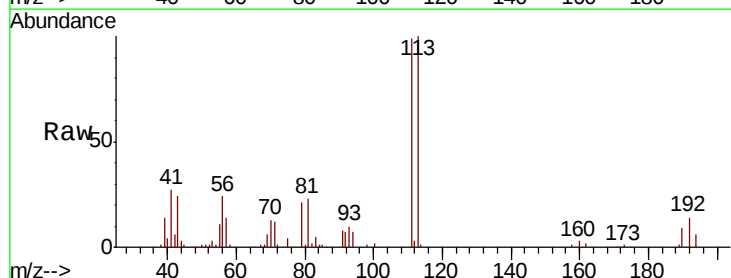
Tgt Ion:113 Resp: 106767

Ion Ratio Lower Upper

113 100

111 99.0 79.4 119.0

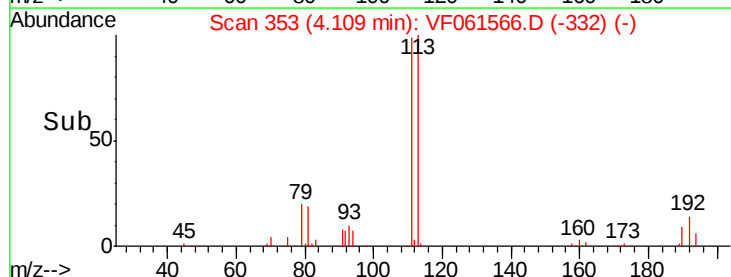
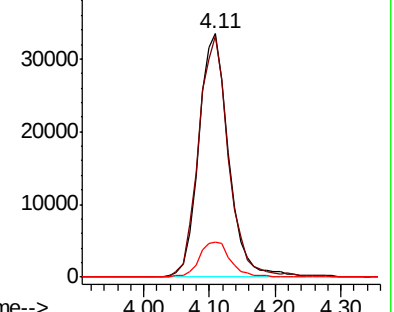
192 14.2 12.4 18.6

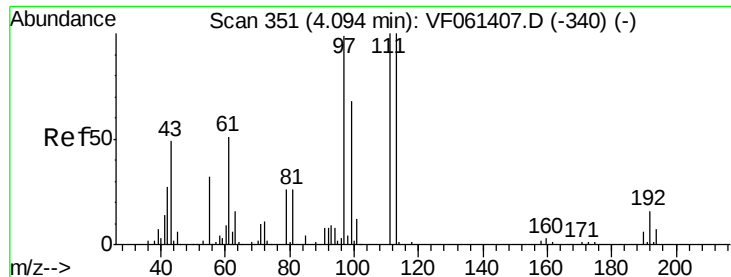


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 255.377 ug/l

RT: 4.00 min Scan# 342

Delta R.T. -0.09 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

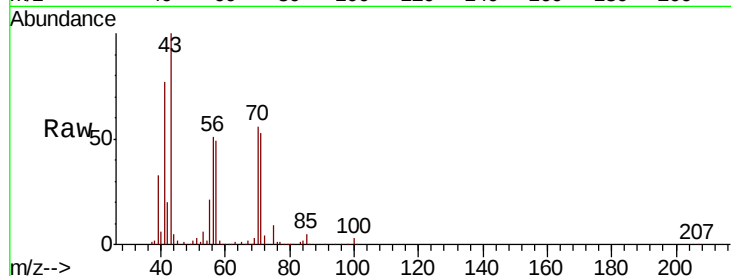
Tgt Ion: 43 Resp: 384401

Ion Ratio Lower Upper

43 100

61 0.3 81.7 122.5#

70 55.6 6.2 9.2#

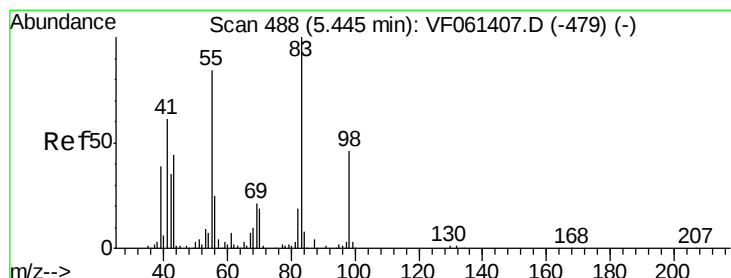
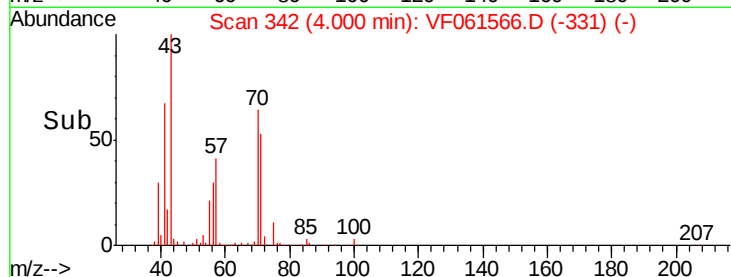
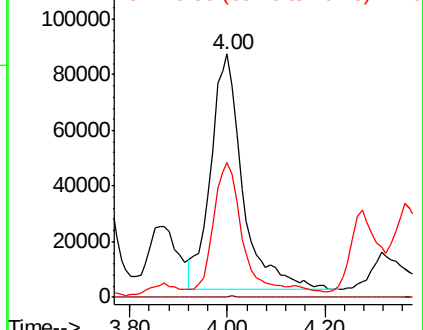


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#39

Methylcyclohexane

Concen: 85.153 ug/l

RT: 5.45 min Scan# 489

Delta R.T. 0.00 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

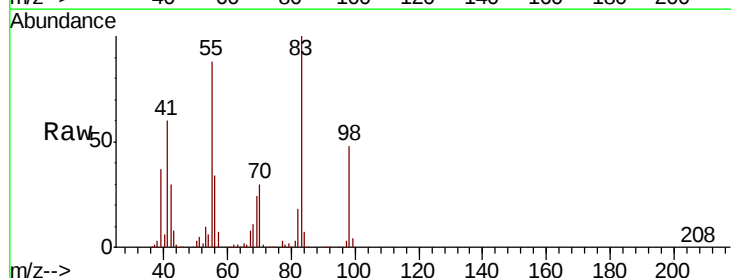
Tgt Ion: 83 Resp: 347493

Ion Ratio Lower Upper

83 100

55 88.5 67.4 101.2

98 48.2 36.7 55.1

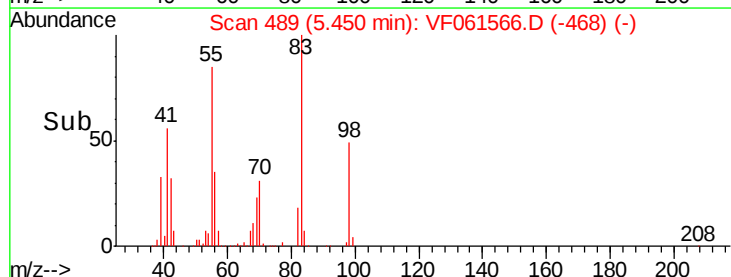
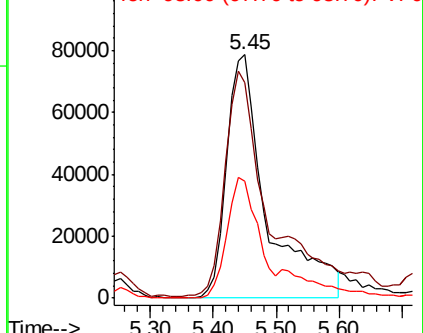


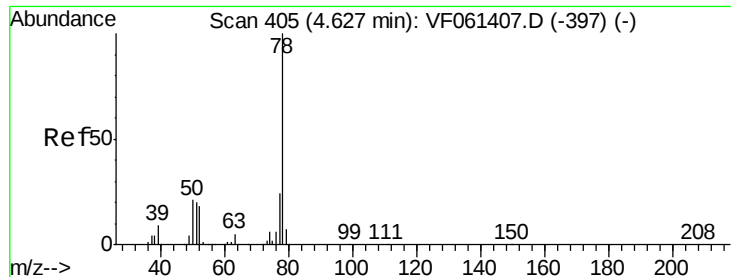
Abundance

Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#40

Benzene

Concen: 72.380 ug/l

RT: 4.62 min Scan# 405

Delta R.T. -0.01 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

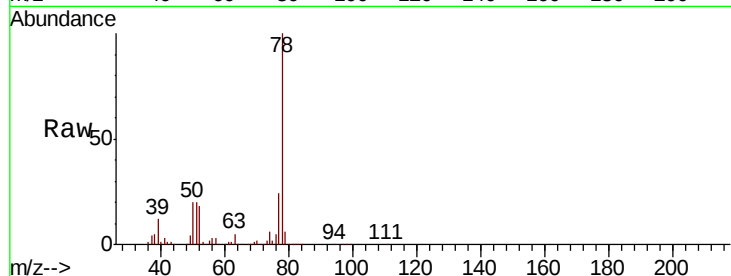
SHORE-RD-BOX-CULVERT-TP

Tgt Ion: 78 Resp: 606475

Ion Ratio Lower Upper

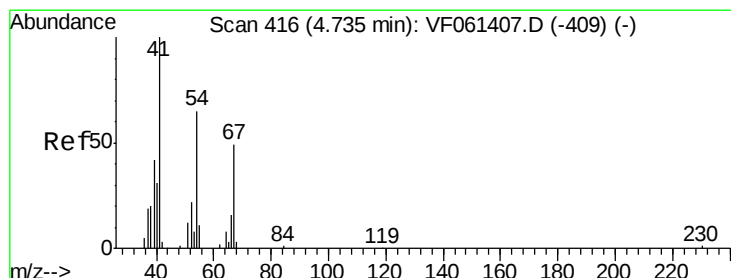
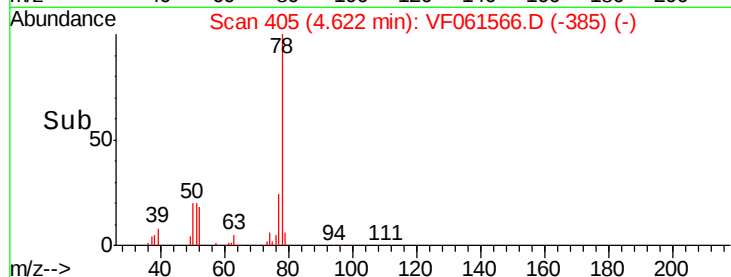
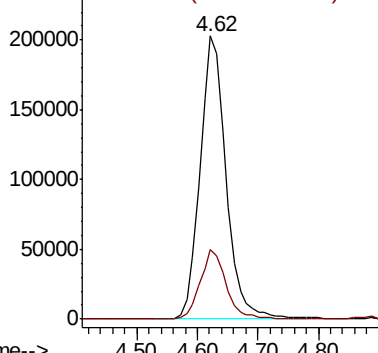
78 100

77 24.4 19.0 28.6



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#41

Methacrylonitrile

Concen: 18.566 ug/l

RT: 4.69 min Scan# 412

Delta R.T. -0.04 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Tgt Ion: 41 Resp: 14870

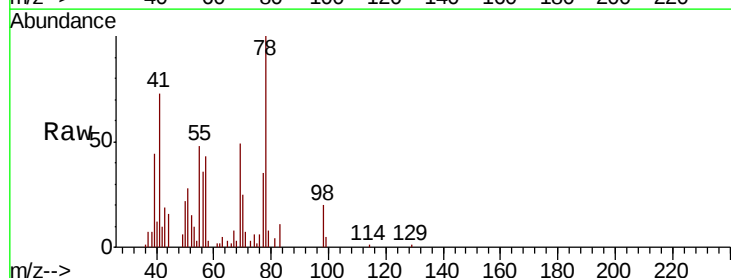
Ion Ratio Lower Upper

41 100

39 60.3 43.1 64.7

67 10.7 38.8 58.2#

52 20.0 33.2 49.8#

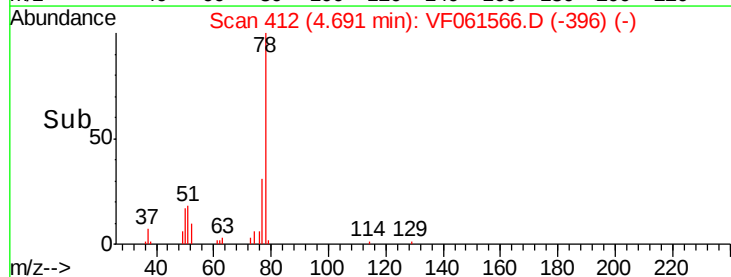
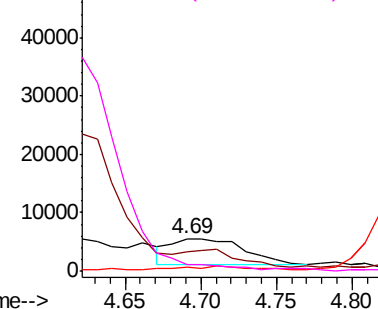


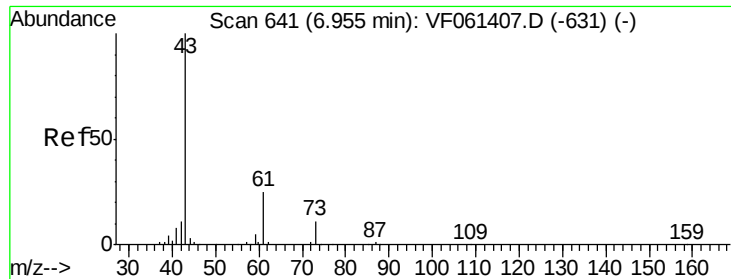
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#43

Isopropyl Acetate

Concen: 5.280 ug/l

RT: 7.02 min Scan# 648

Delta R.T. 0.06 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

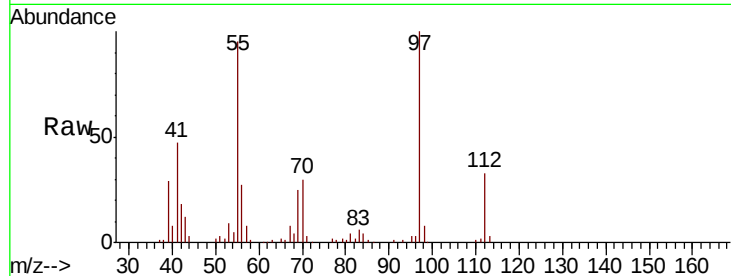
Tgt Ion: 43 Resp: 9974

Ion Ratio Lower Upper

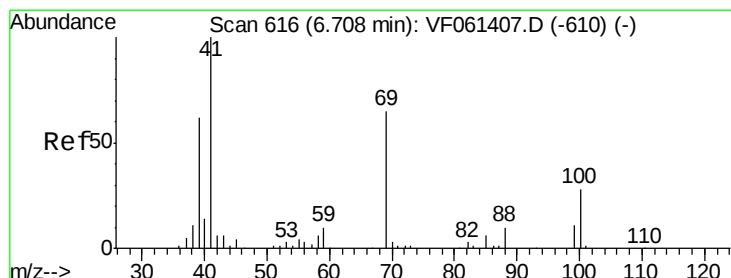
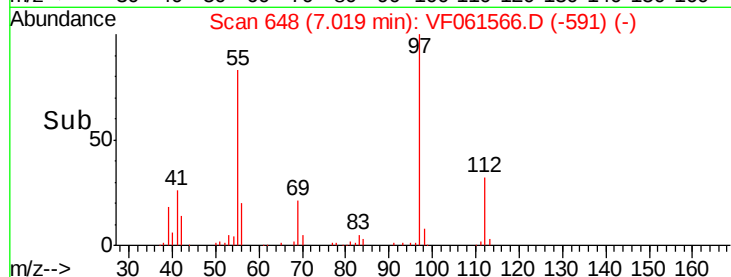
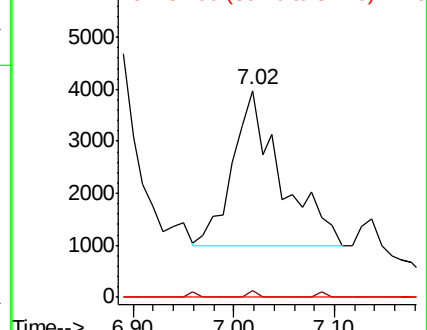
43 100

61 3.2 20.3 30.5#

87 0.0 0.5 0.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0



#48

Methyl methacrylate

Concen: 21.507 ug/l

RT: 6.65 min Scan# 611

Delta R.T. -0.05 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

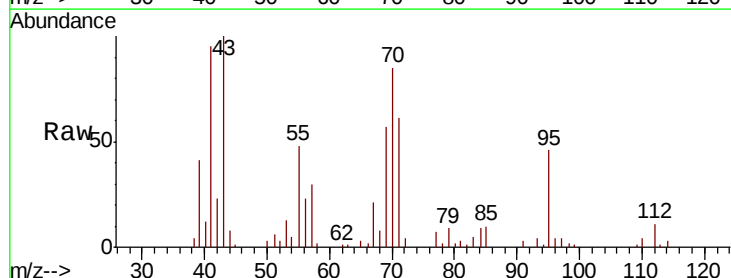
Tgt Ion: 41 Resp: 27283

Ion Ratio Lower Upper

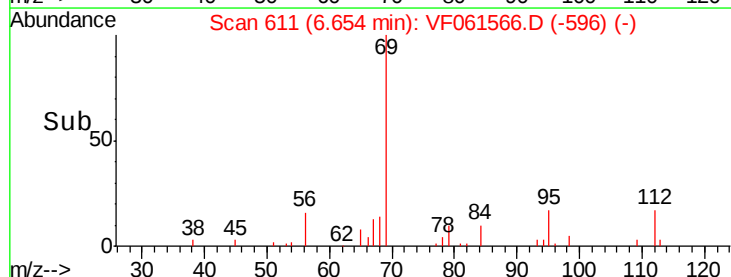
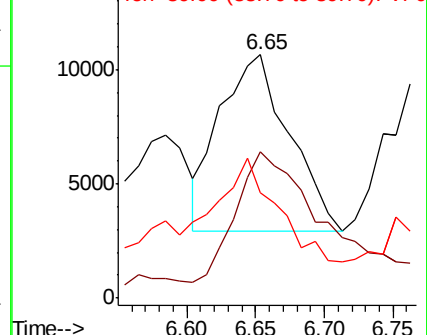
41 100

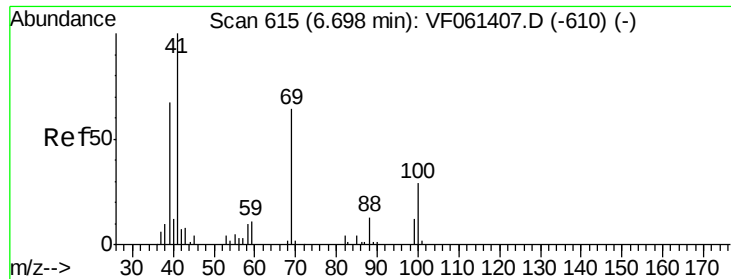
69 59.9 51.7 77.5

39 43.3 49.2 73.8#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: Below Cal

RT: 6.50 min Scan# 595

Delta R.T. -0.20 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

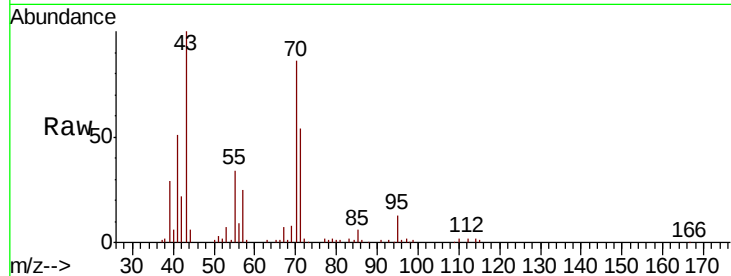
Tgt Ion: 88 Resp: 59

Ion Ratio Lower Upper

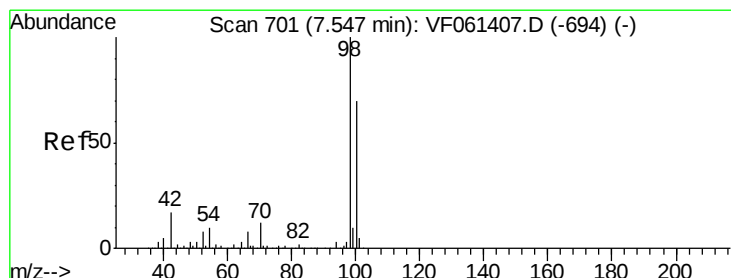
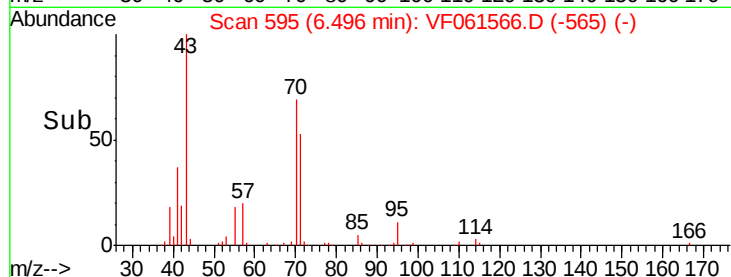
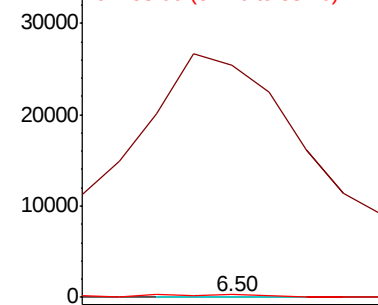
88 100

43 25376.0 55.5 83.3#

58 325.0 59.9 89.9#



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



#50

Toluene-d8

Concen: 36.990 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF061566.D

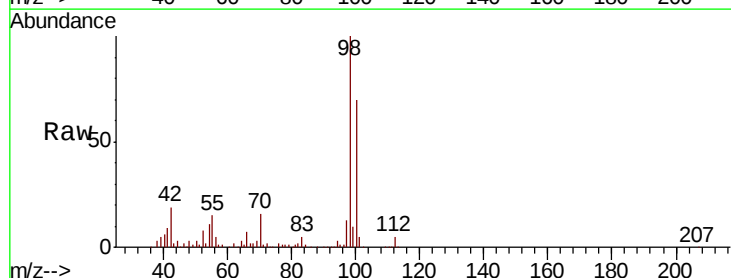
Acq: 8 Feb 2019 19:14

Tgt Ion: 98 Resp: 259723

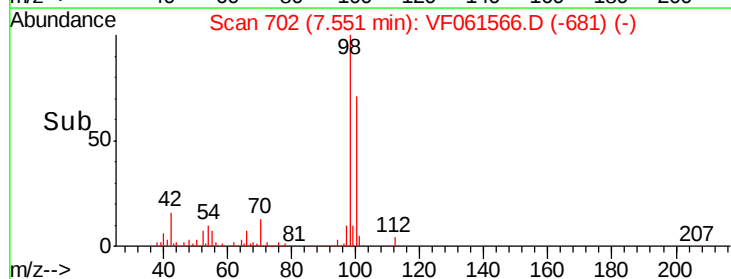
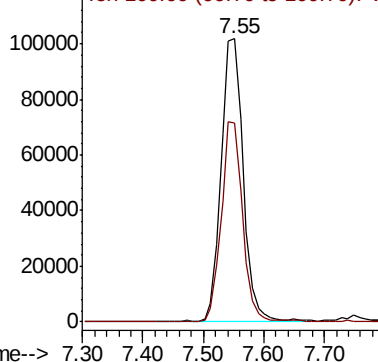
Ion Ratio Lower Upper

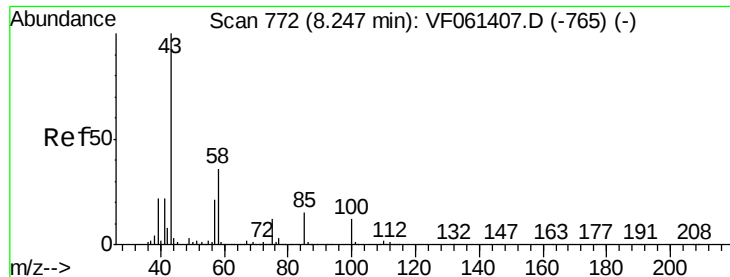
98 100

100 70.3 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: 11.992 ug/l

RT: 8.27 min Scan# 775

Delta R.T. 0.02 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

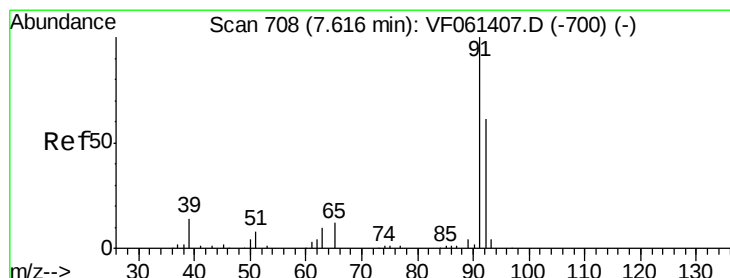
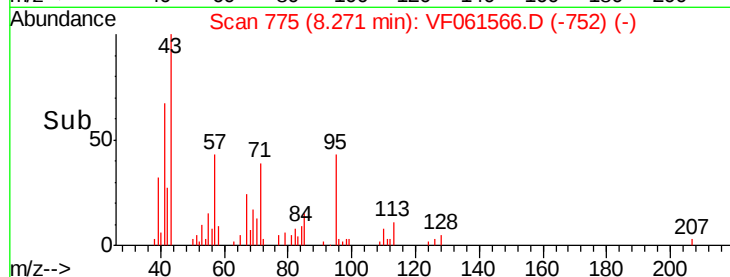
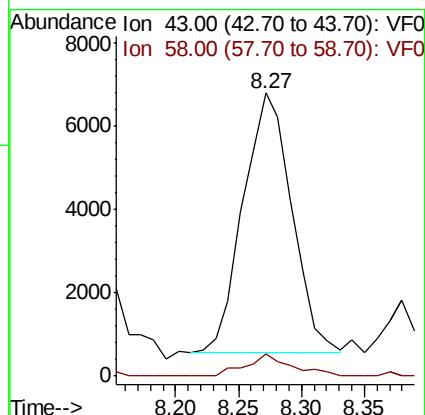
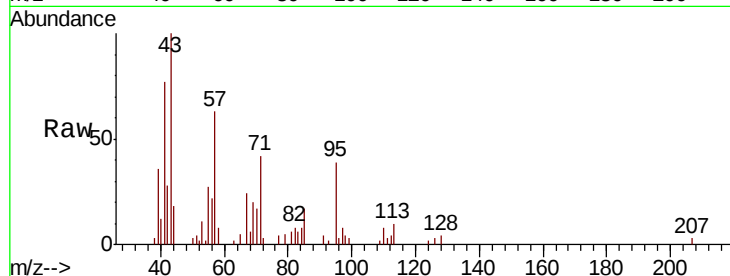
SHORE-RD-BOX-CULVERT-TP

Tgt Ion: 43 Resp: 16655

Ion Ratio Lower Upper

43 100

58 7.9 28.8 43.2#



#52

Toluene

Concen: 3.953 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.00 min

Lab File: VF061566.D

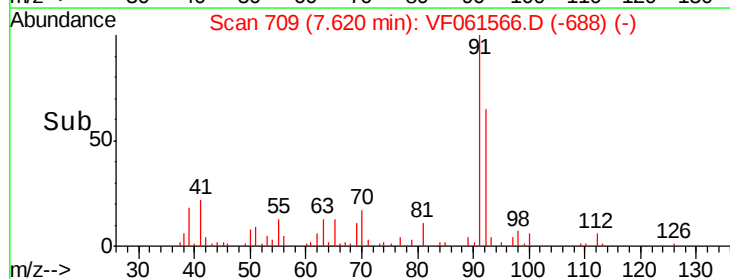
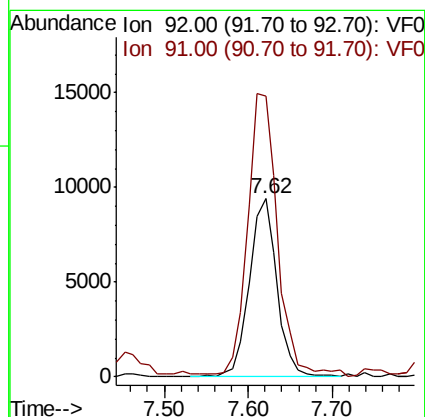
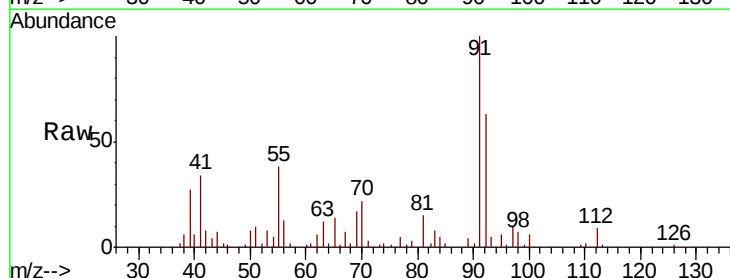
Acq: 8 Feb 2019 19:14

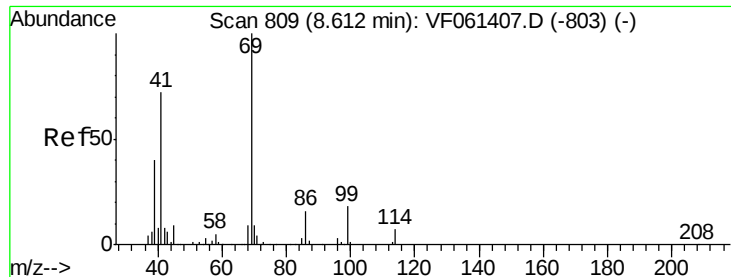
Tgt Ion: 92 Resp: 21811

Ion Ratio Lower Upper

92 100

91 157.9 131.2 196.8





#56

Ethyl methacrylate

Concen: 3.735 ug/l

RT: 8.68 min Scan# 816

Delta R.T. 0.06 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

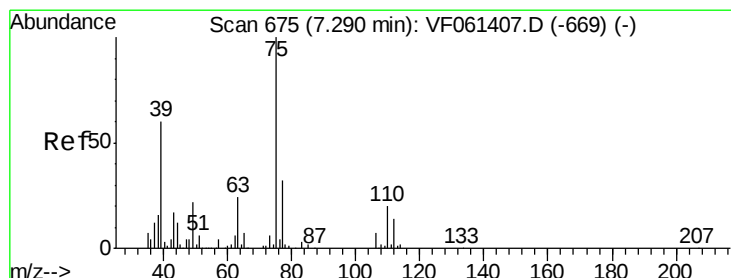
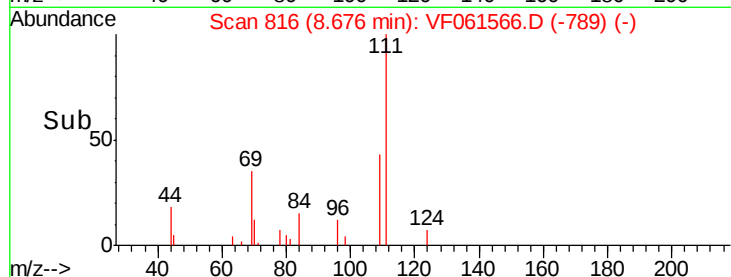
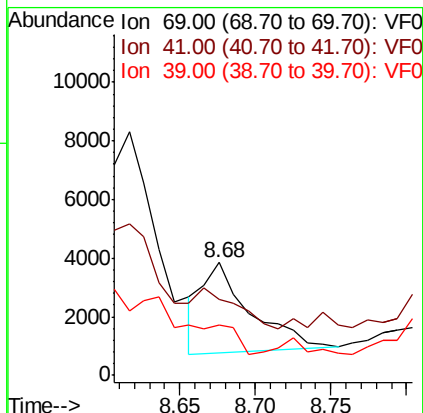
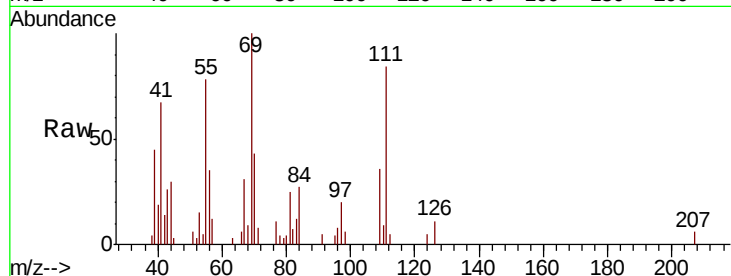
Tgt Ion: 69 Resp: 6809

Ion Ratio Lower Upper

69 100

41 67.3 57.5 86.3

39 44.8 32.0 48.0



#58

2-Chloroethyl Vinyl ether

Concen: 31.312 ug/l

RT: 7.25 min Scan# 671

Delta R.T. -0.04 min

Lab File: VF061566.D

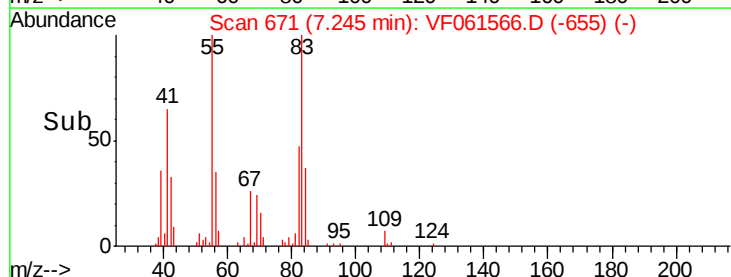
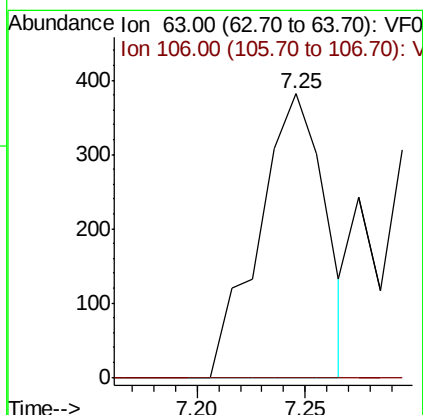
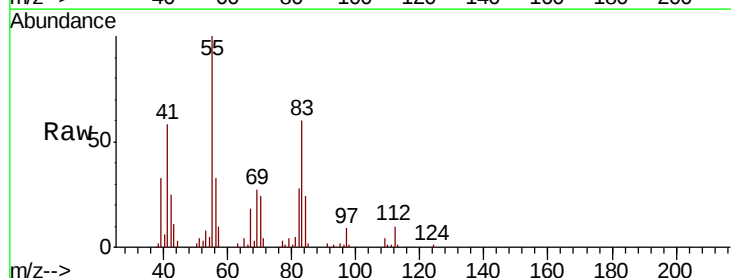
Acq: 8 Feb 2019 19:14

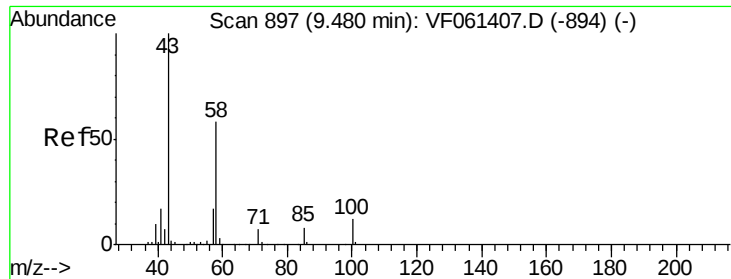
Tgt Ion: 63 Resp: 815

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#

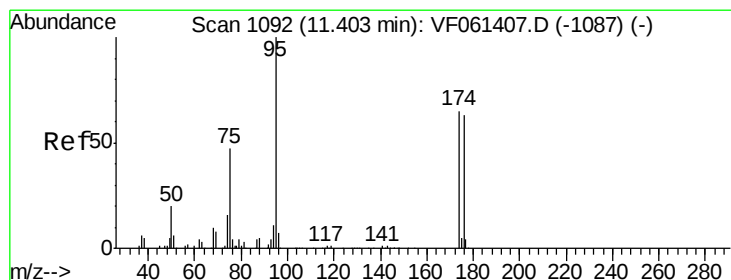
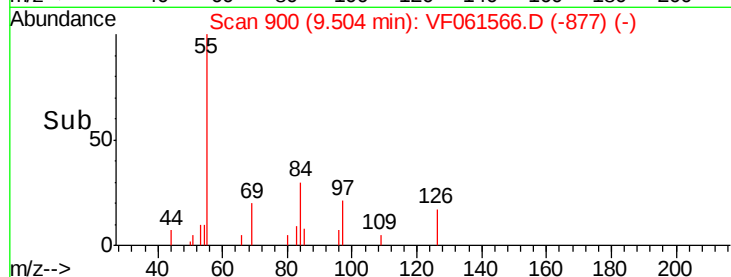
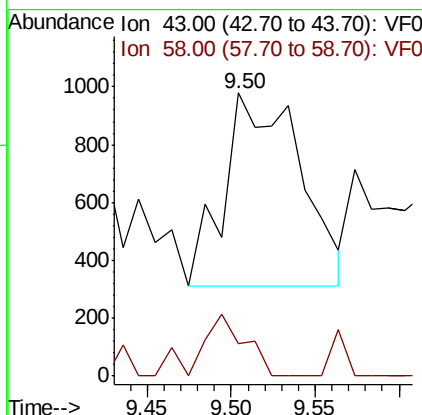
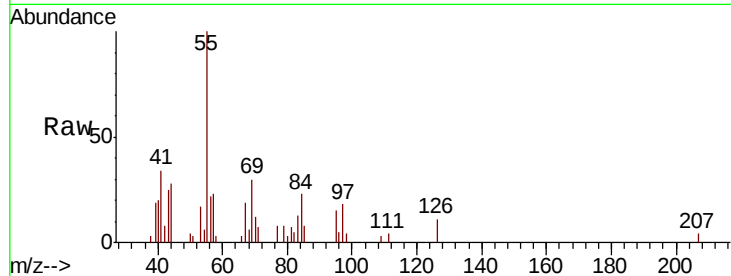




#59
2-Hexanone
Concen: 2.148 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

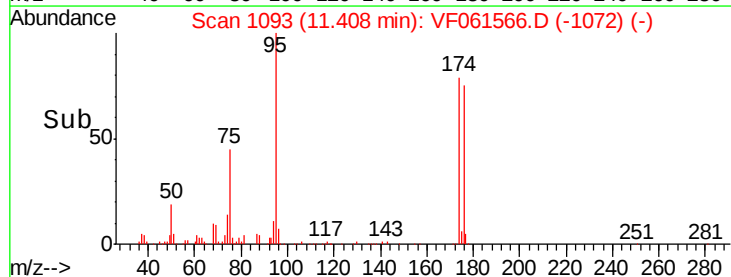
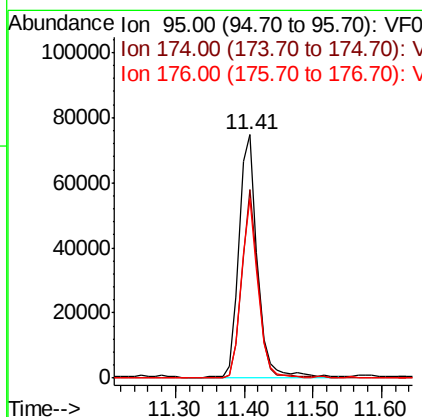
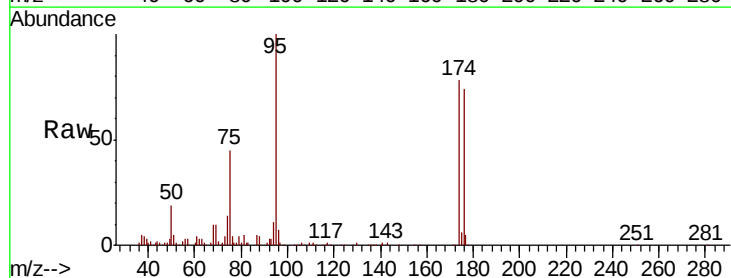
Instrument :
MSVOA_F
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

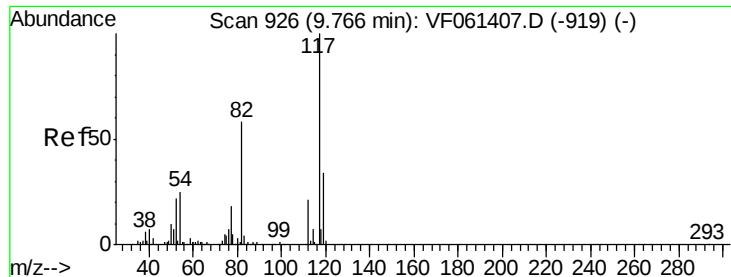
Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
58 11.5 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 42.314 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 95 Resp: 138816
Ion Ratio Lower Upper
95 100
174 77.6 0.0 130.4
176 73.7 0.0 126.2

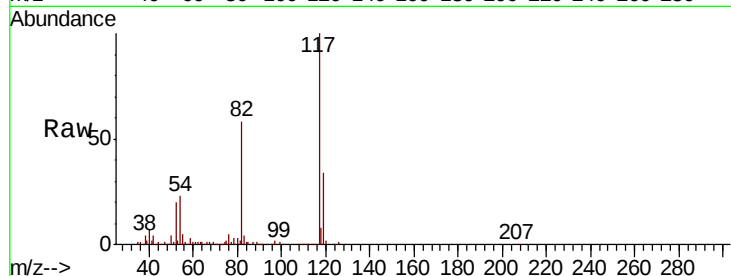




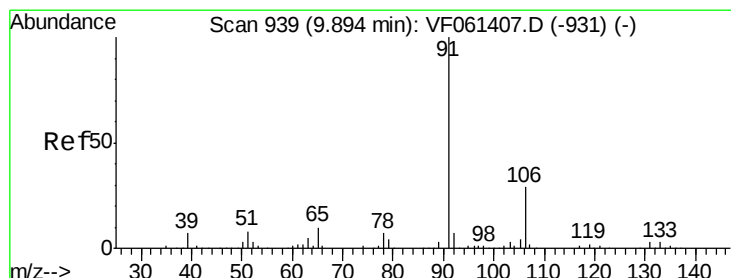
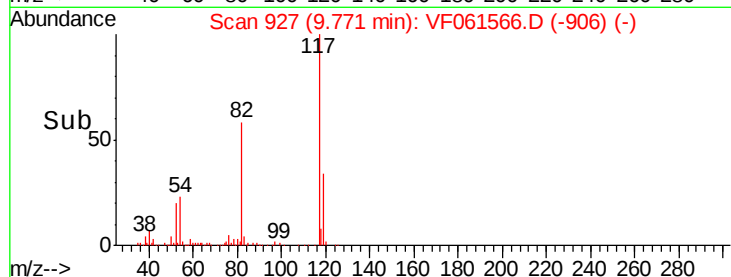
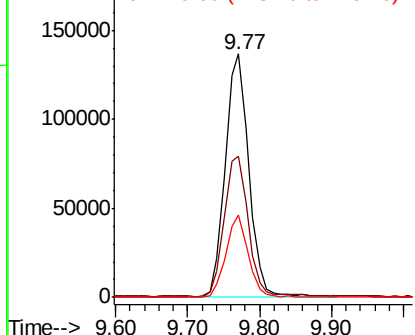
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Instrument :
MSVOA_F
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tgt Ion:117 Resp: 311963
Ion Ratio Lower Upper
117 100
82 58.1 46.4 69.6
119 33.6 27.2 40.8

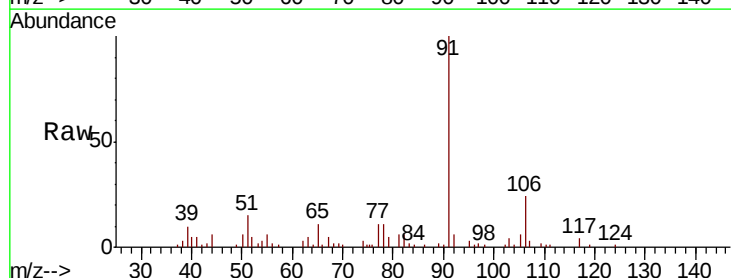


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

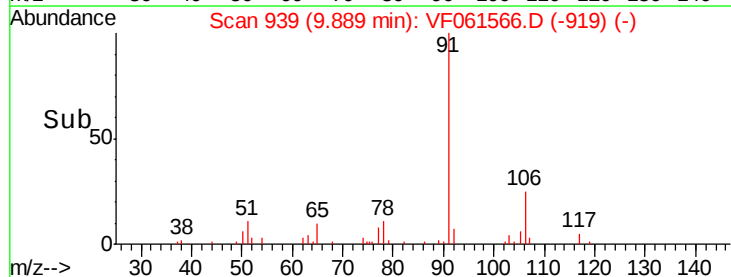
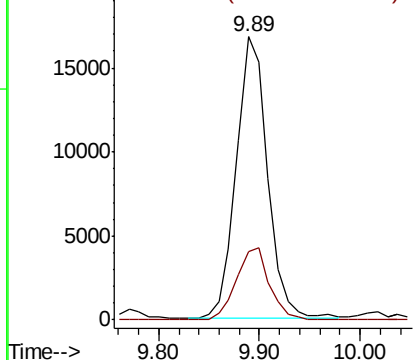


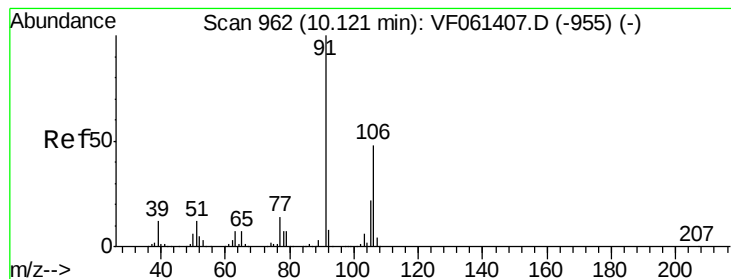
#67
Ethyl Benzene
Concen: 3.125 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.01 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 91 Resp: 36216
Ion Ratio Lower Upper
91 100
106 24.2 23.1 34.7



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





#68

m/p-Xylenes

Concen: 23.948 ug/l

RT: 10.13 min Scan# 963

Delta R.T. 0.00 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

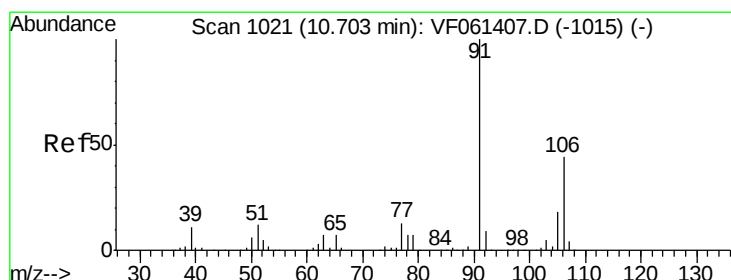
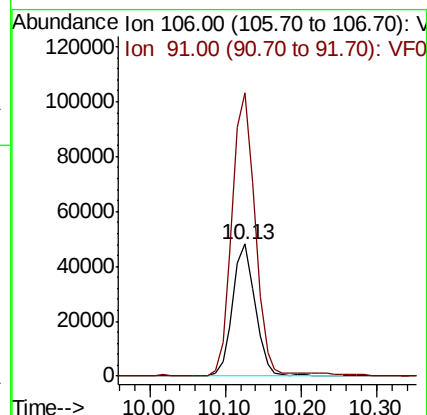
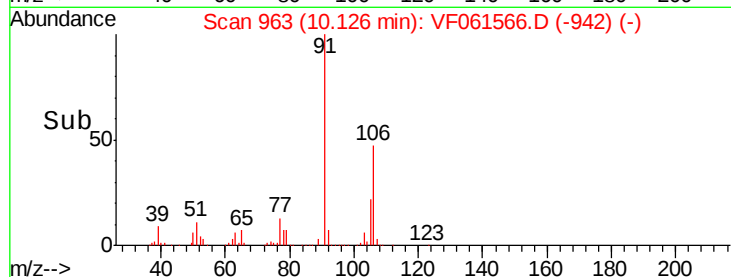
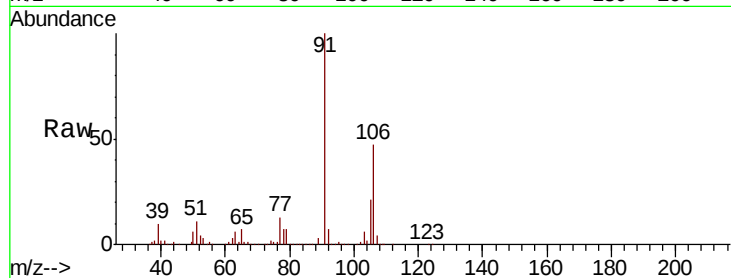
SHORE-RD-BOX-CULVERT-TP

Tgt Ion:106 Resp: 99836

Ion Ratio Lower Upper

106 100

91 214.8 166.2 249.4



#69

o-Xylene

Concen: 2.965 ug/l

RT: 10.71 min Scan# 1022

Delta R.T. 0.00 min

Lab File: VF061566.D

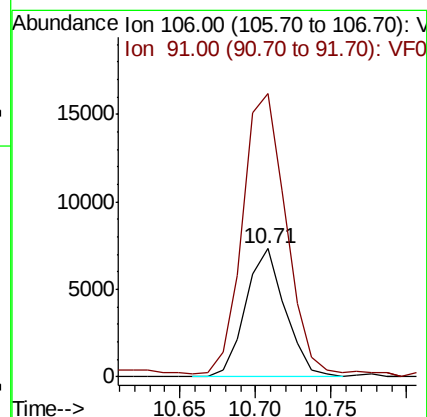
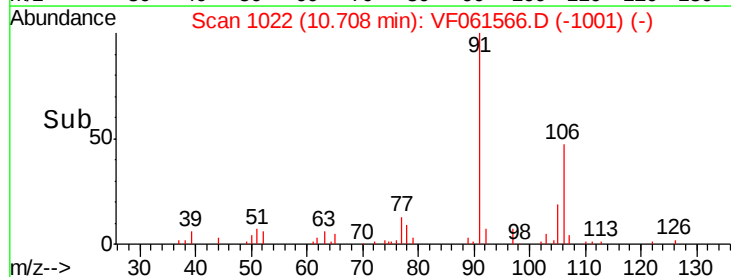
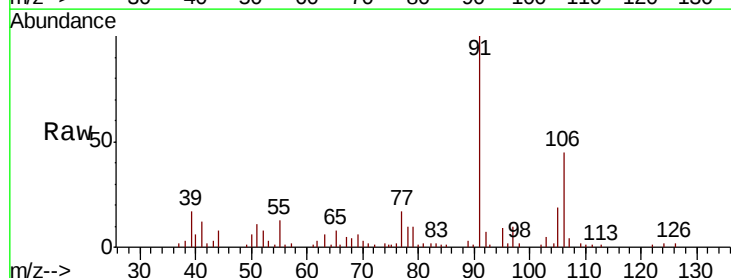
Acq: 8 Feb 2019 19:14

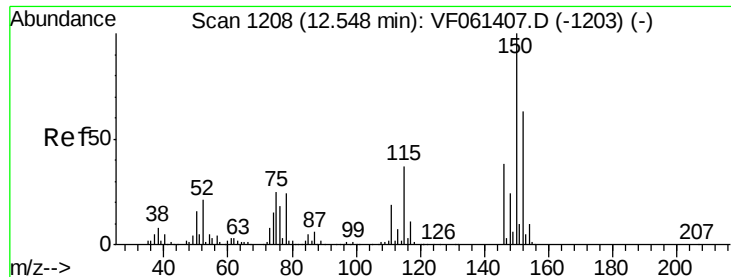
Tgt Ion:106 Resp: 13397

Ion Ratio Lower Upper

106 100

91 221.0 113.3 339.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061566.D

Acq: 8 Feb 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

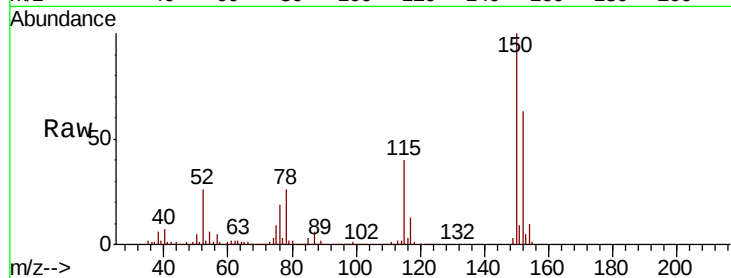
Tgt Ion:152 Resp: 164897

Ion Ratio Lower Upper

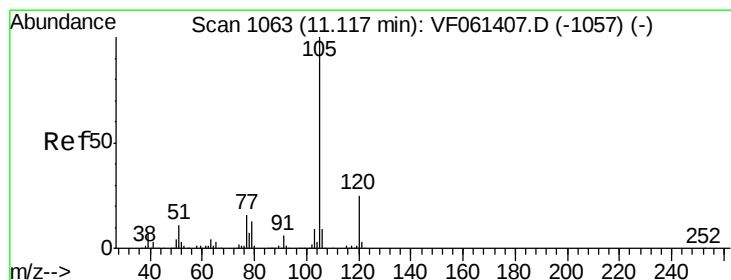
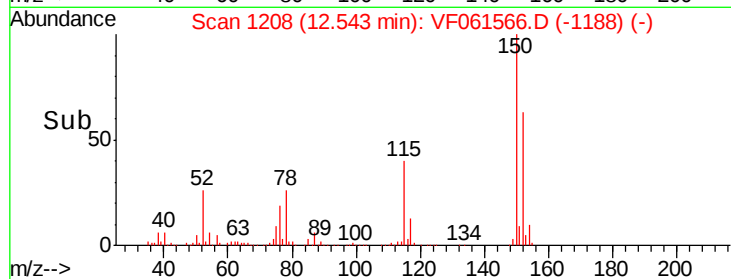
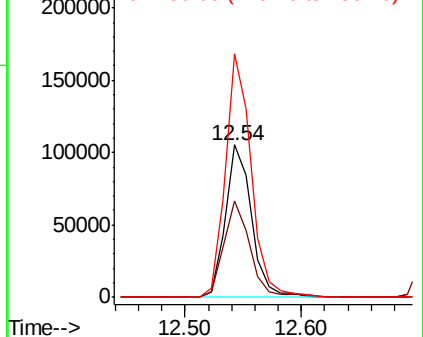
152 100

115 63.2 30.0 90.0

150 159.5 0.0 321.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#73

Isopropylbenzene

Concen: 6.382 ug/l

RT: 11.12 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VF061566.D

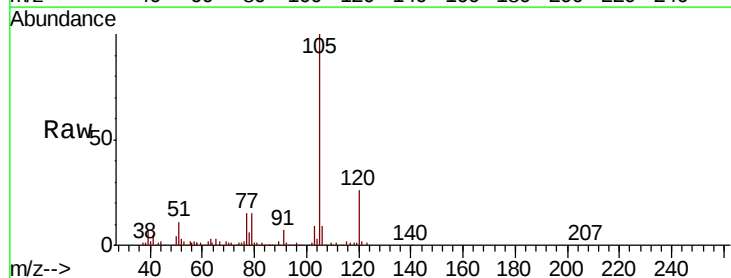
Acq: 8 Feb 2019 19:14

Tgt Ion:105 Resp: 85590

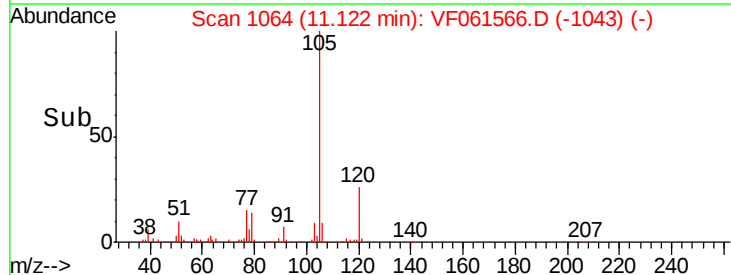
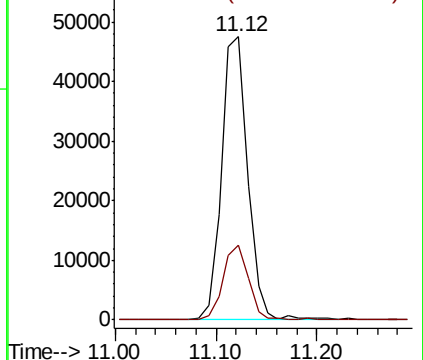
Ion Ratio Lower Upper

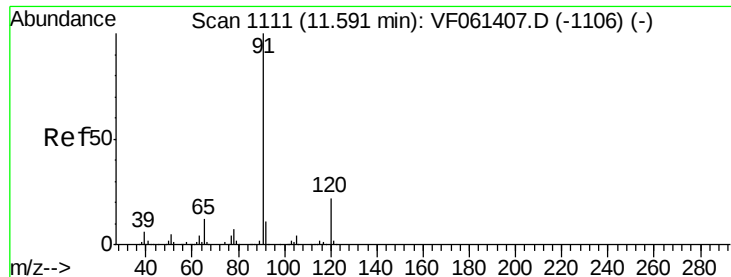
105 100

120 26.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

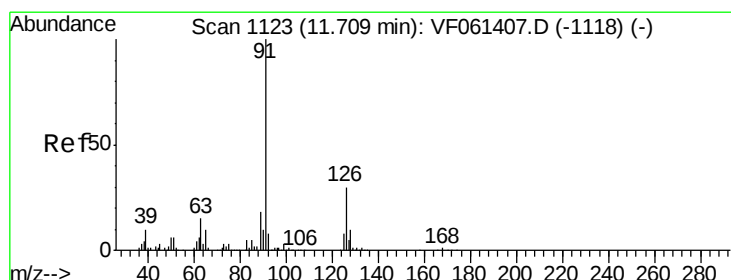
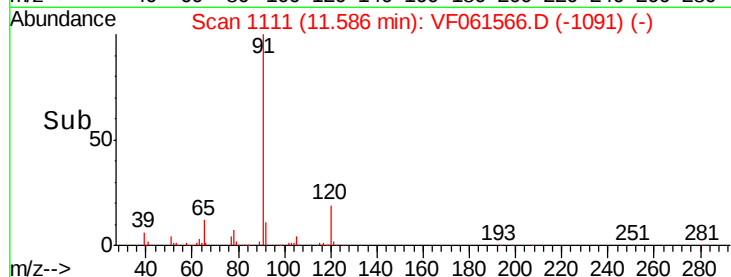
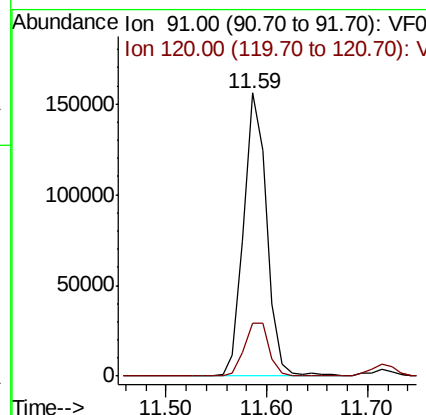
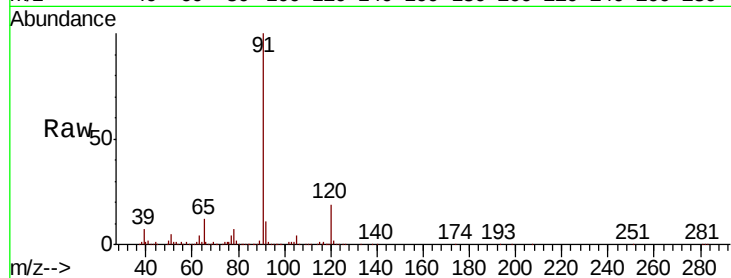




#78
n-propylbenzene
Concen: 14.125 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

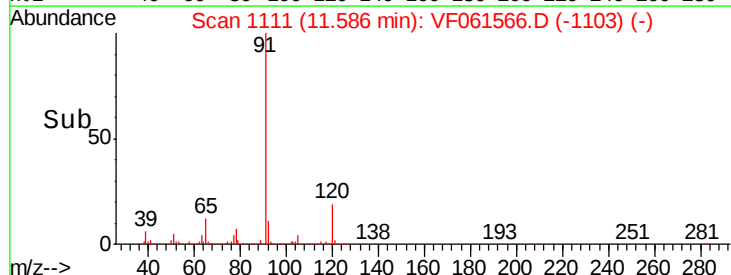
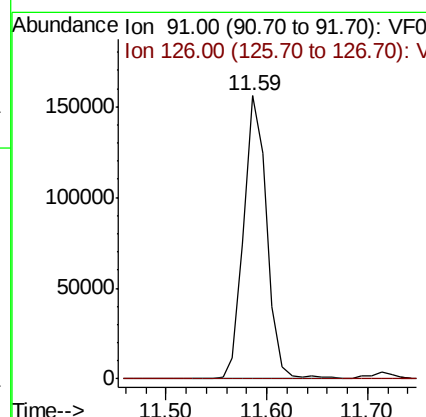
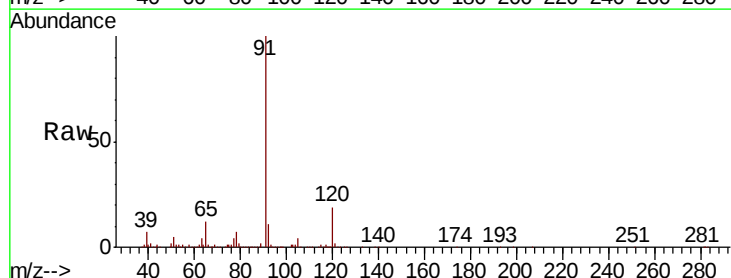
Instrument :
MSVOA_F
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

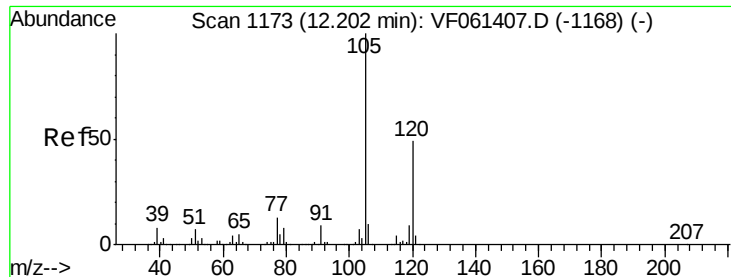
Tgt Ion: 91 Resp: 249102
Ion Ratio Lower Upper
91 100
120 18.6 10.9 32.6



#79
2-Chlorotoluene
Concen: 26.770 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.12 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 91 Resp: 249102
Ion Ratio Lower Upper
91 100
126 0.1 15.0 45.1#

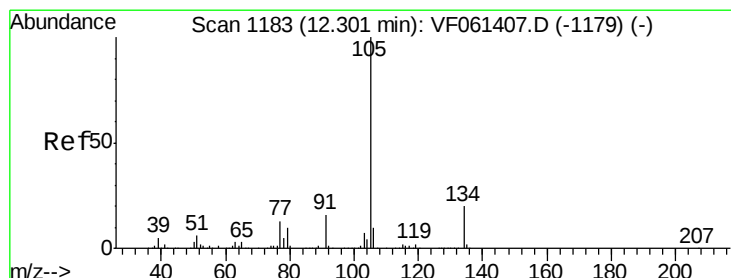
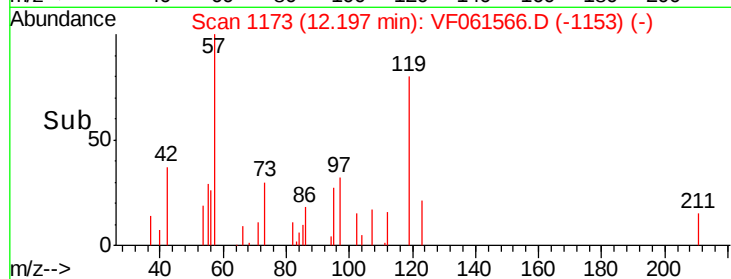
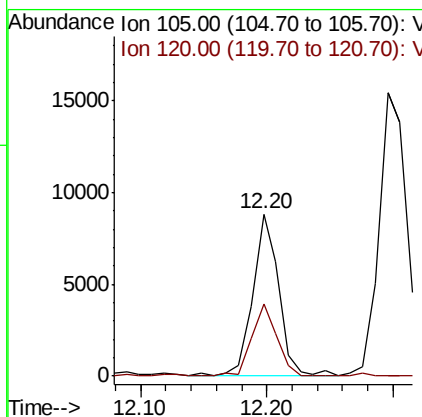
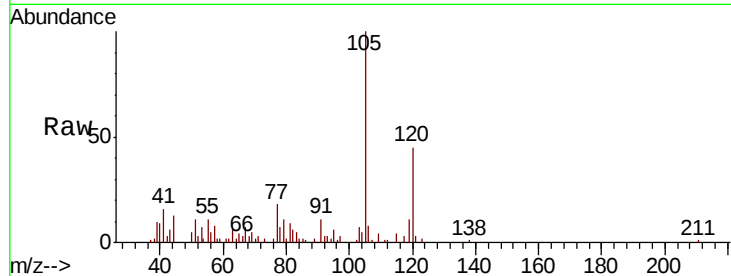




#84
 1,2,4-Trimethylbenzene
 Concen: 1.143 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VF061566.D
 Acq: 8 Feb 2019 19:14

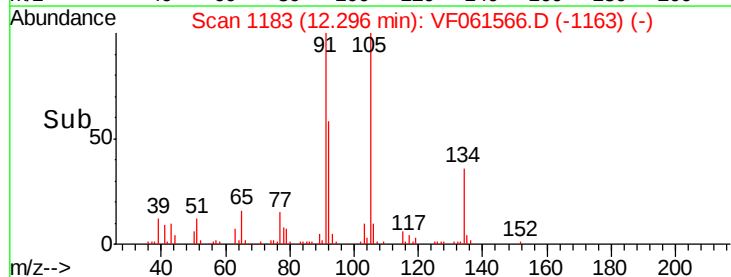
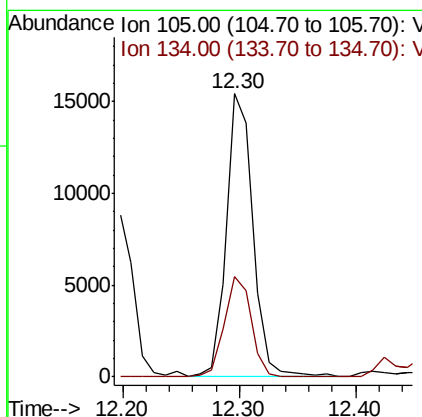
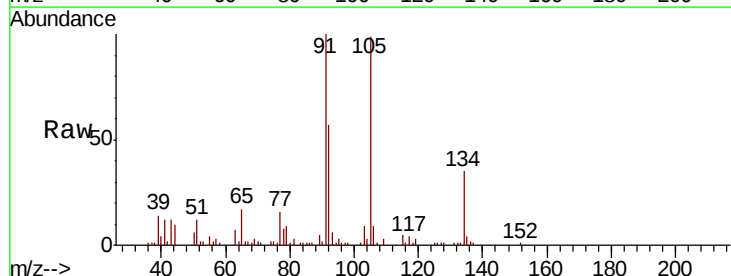
Instrument :
 MSVOA_F
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

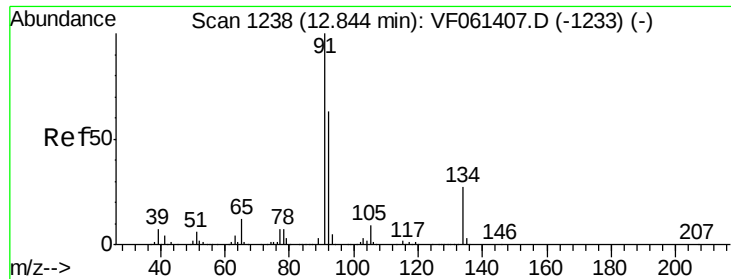
Tgt Ion:105 Resp: 12745
 Ion Ratio Lower Upper
 105 100
 120 44.7 24.9 74.6



#85
 sec-Butylbenzene
 Concen: 1.613 ug/l
 RT: 12.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VF061566.D
 Acq: 8 Feb 2019 19:14

Tgt Ion:105 Resp: 24542
 Ion Ratio Lower Upper
 105 100
 134 35.7 10.0 30.0#

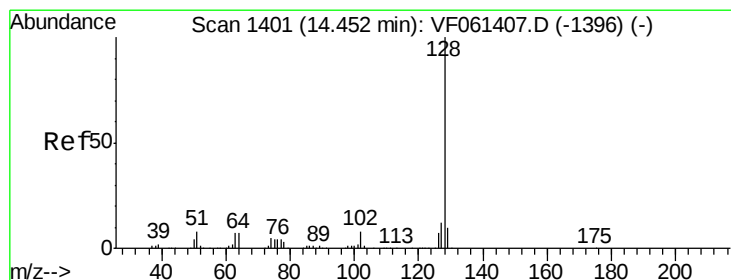
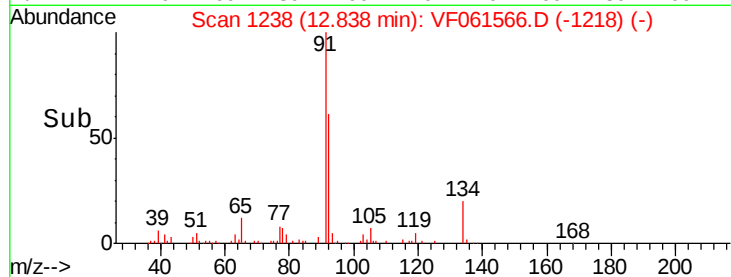
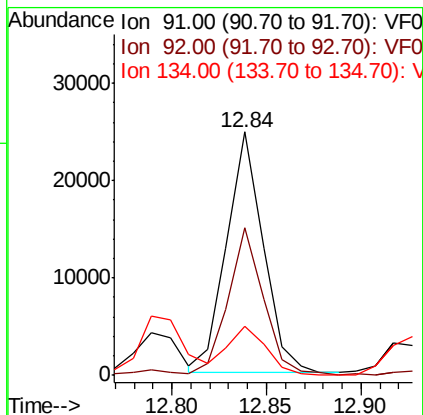
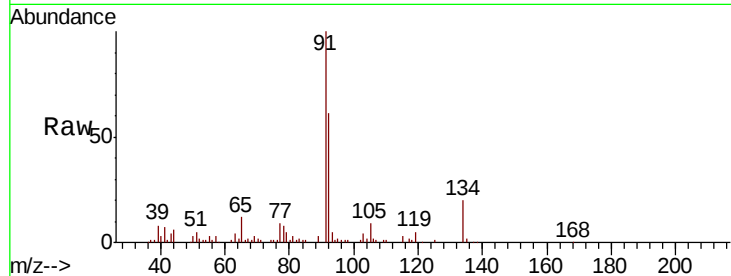




#89
n-Butylbenzene
Concen: 2.580 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Instrument :
MSVOA_F
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tgt Ion: 91 Resp: 33234
Ion Ratio Lower Upper
91 100
92 60.7 31.6 94.7
134 20.0 13.6 40.8



#95
Naphthalene
Concen: 11.016 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.01 min
Lab File: VF061566.D
Acq: 8 Feb 2019 19:14

Tgt Ion: 128 Resp: 77681
Ion Ratio Lower Upper
128 100
127 11.3 9.5 14.3
129 13.5 8.4 12.6#

