

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060734.D
 Acq On : 14 Nov 2018 19:52
 Operator : VA/AP
 Sample : J5915-01
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-1

Quant Time: Nov 15 06:38:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	130639	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	246153	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	191319	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	80161	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	71183	47.77	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	4.09	113	84954	45.91	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	7.53	98	189353	39.08	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	78.16%	
62) 4-Bromofluorobenzene	11.40	95	126884	58.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.30%	

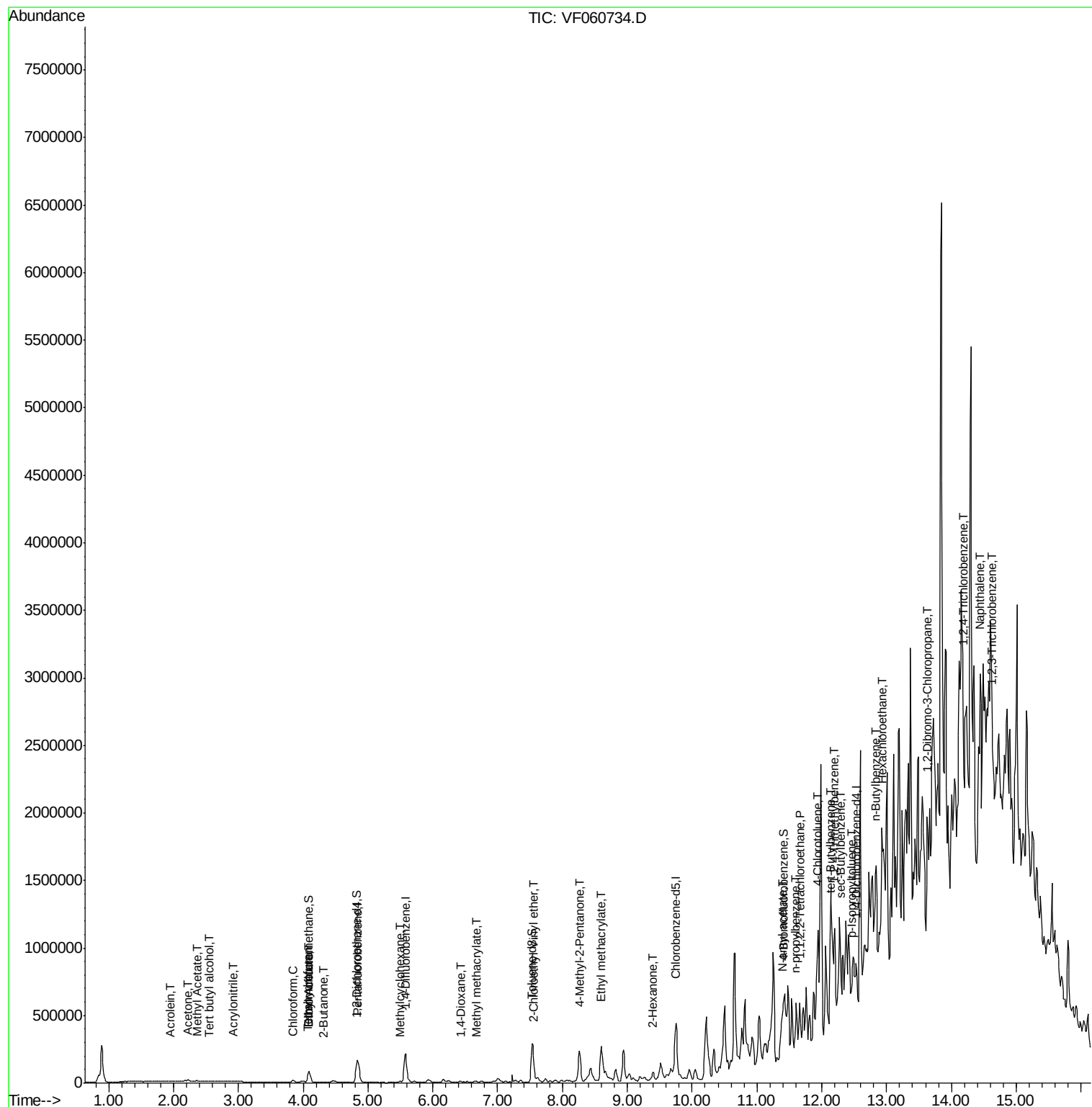
Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	349	5.146	ug/l #	1
13) Acrolein	1.94	56	322	5.193	ug/l	91
15) Acrylonitrile	2.91	53	565	3.910	ug/l #	72
16) Acetone	2.22	43	13274	41.677	ug/l	99
18) Methyl Acetate	2.36	43	3190	6.100	ug/l #	64
25) 2-Butanone	4.31	43	5470	10.441	ug/l #	86
29) Tetrahydrofuran	4.06	42	512	2.369	ug/l #	36
30) Chloroform	3.83	83	13269	3.789	ug/l	94
37) Ethyl Acetate	4.10	43	1064	1.003	ug/l #	1
39) Methylcyclohexane	5.48	83	3330	1.005	ug/l #	34
41) Methacrylonitrile	4.72	41	238	Below Cal	#	73
48) Methyl methacrylate	6.67	41	3931	4.221	ug/l #	85
49) 1,4-Dioxane	6.44	88	80	9.185	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	127797	125.566	ug/l #	44
56) Ethyl methacrylate	8.60	69	131391	94.950	ug/l #	79
58) 2-Chloroethyl Vinyl ether	7.57	63	378	2.990	ug/l	100
59) 2-Hexanone	9.40	43	15121	21.141	ug/l #	32
74) N-amyl acetate	11.38	43	48023	32.693	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	11.65	83	63312	59.349	ug/l #	35
78) n-propylbenzene	11.59	91	27721	3.684	ug/l	90
82) 4-Chlorotoluene	11.95	91	16945	3.782	ug/l	83
83) tert-Butylbenzene	12.12	119	11973	2.201	ug/l #	58
84) 1,2,4-Trimethylbenzene	12.20	105	10180	1.921	ug/l	93
85) sec-Butylbenzene	12.30	105	115506	15.655	ug/l #	73
86) p-Isopropyltoluene	12.45	119	6404	1.039	ug/l #	1
89) n-Butylbenzene	12.83	91	27999	4.452	ug/l	73
90) Hexachloroethane	12.92	117	4265	2.830	ug/l #	21
92) 1,2-Dibromo-3-Chloropropan	13.63	75	4261	21.252	ug/l #	26
93) 1,2,4-Trichlorobenzene	14.19	180	6557	3.625	ug/l #	1
95) Naphthalene	14.45	128	64721	19.609	ug/l #	48
96) 1,2,3-Trichlorobenzene	14.63	180	42562	25.464	ug/l #	47

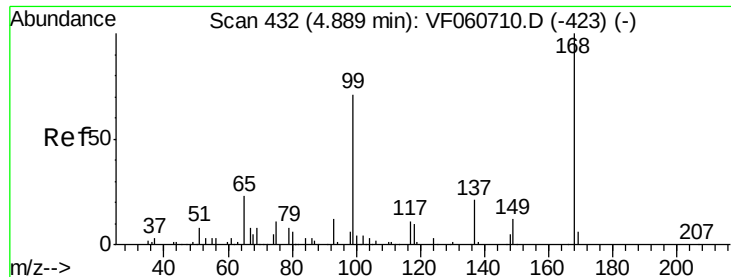
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

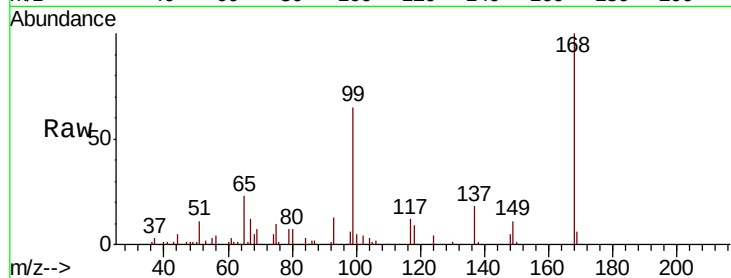
T-1

Tgt Ion:168 Resp: 130639

Ion Ratio Lower Upper

168 100

99 64.7 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

40000

30000

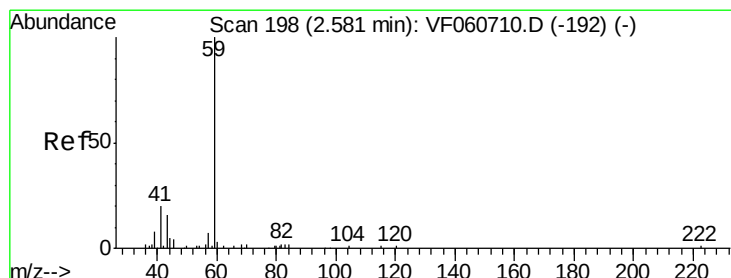
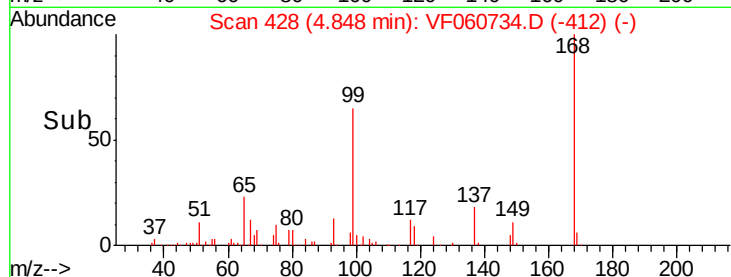
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 5.146 ug/l

RT: 2.55 min Scan# 195

Delta R.T. -0.03 min

Lab File: VF060734.D

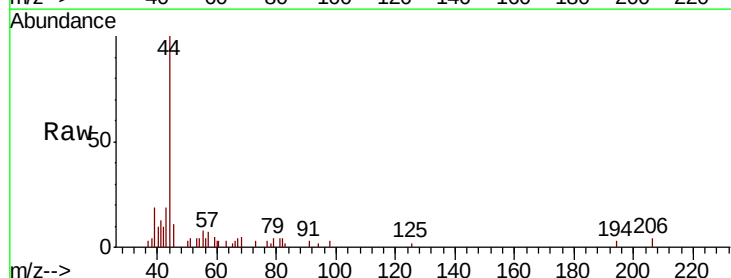
Acq: 14 Nov 2018 19:52

Tgt Ion: 59 Resp: 349

Ion Ratio Lower Upper

59 100

57 127.1 10.5 15.7#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

400

300

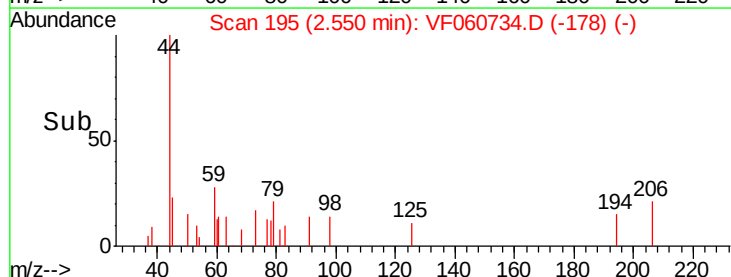
200

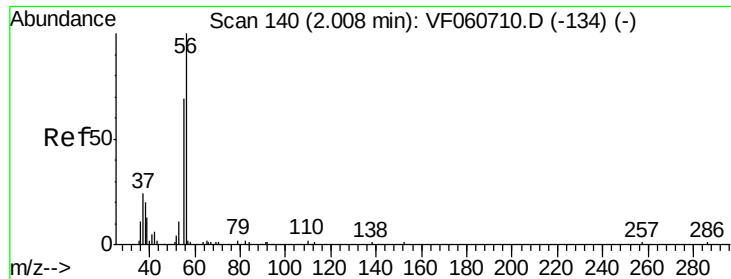
100

0

2.50 2.55 2.60

Time-->

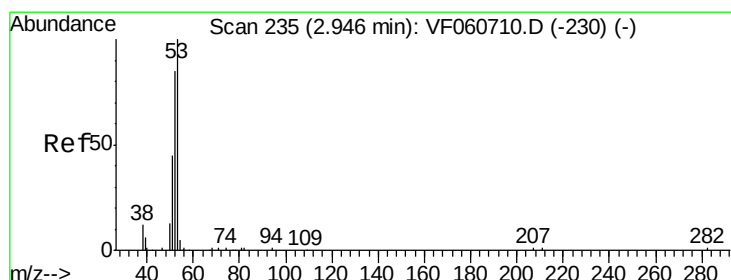
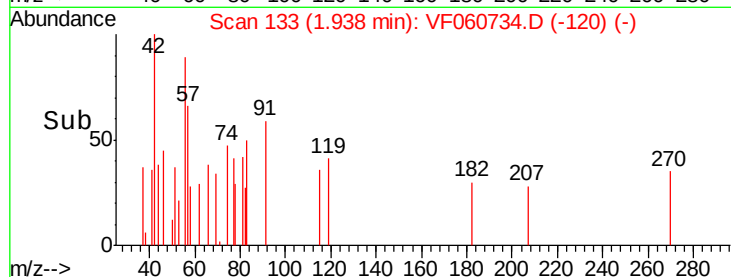
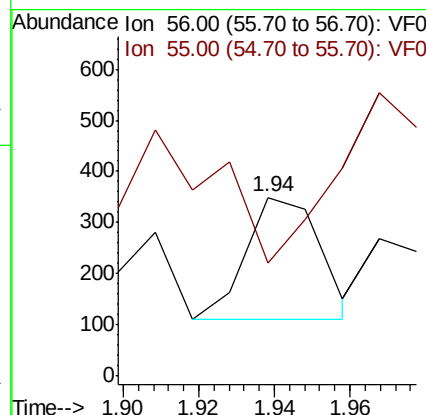
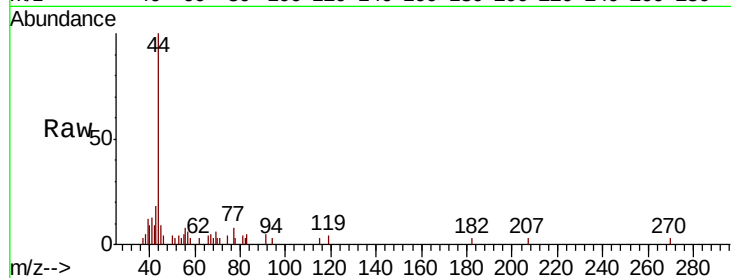




#13
Acrolein
Concen: 5.193 ug/l
RT: 1.94 min Scan# 133
Delta R.T. -0.07 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

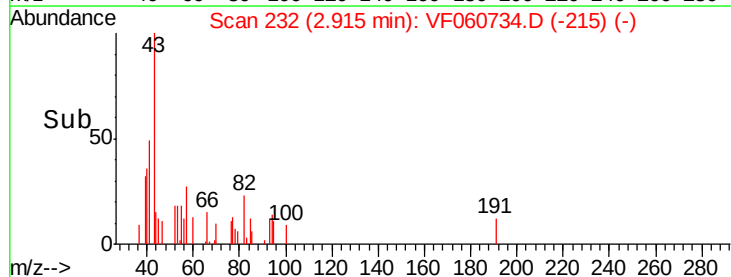
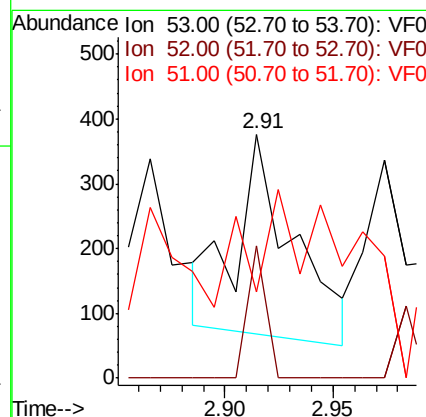
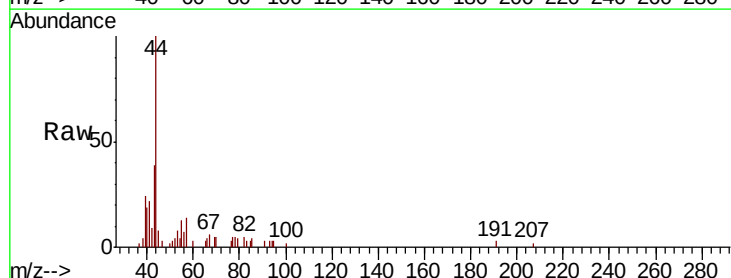
Instrument :
MSVOA_F
ClientSampleId :
T-1

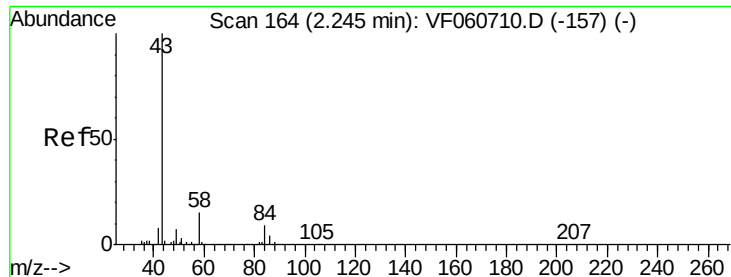
Tgt Ion: 56 Resp: 322
Ion Ratio Lower Upper
56 100
55 63.0 56.6 85.0



#15
Acrylonitrile
Concen: 3.910 ug/l
RT: 2.91 min Scan# 232
Delta R.T. -0.03 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 53 Resp: 565
Ion Ratio Lower Upper
53 100
52 54.3 68.8 103.2#
51 35.6 36.7 55.1#





#16

Acetone

Concen: 41.677 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

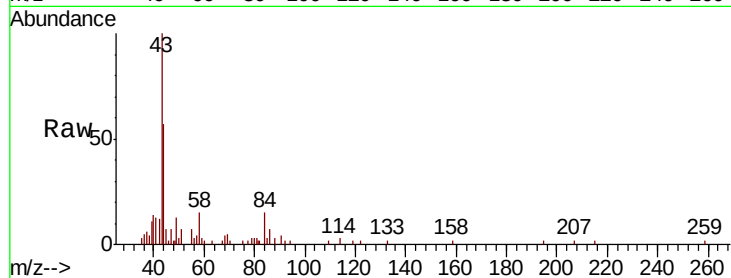
T-1

Tgt Ion: 43 Resp: 13274

Ion Ratio Lower Upper

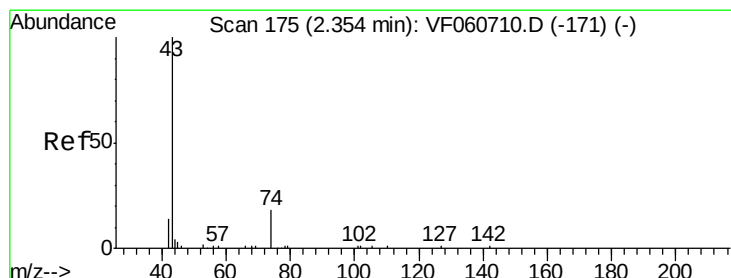
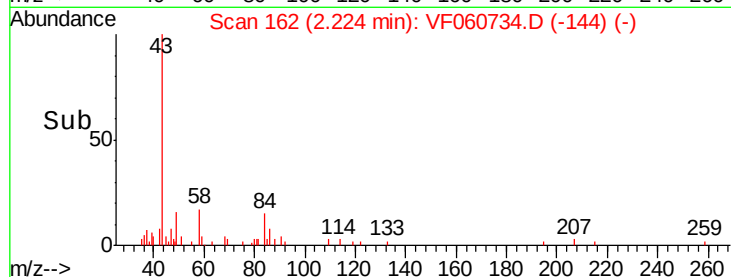
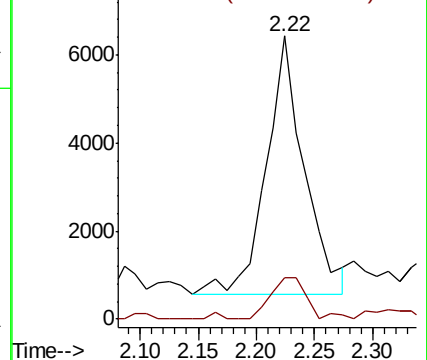
43 100

58 14.8 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 6.100 ug/l

RT: 2.36 min Scan# 176

Delta R.T. 0.01 min

Lab File: VF060734.D

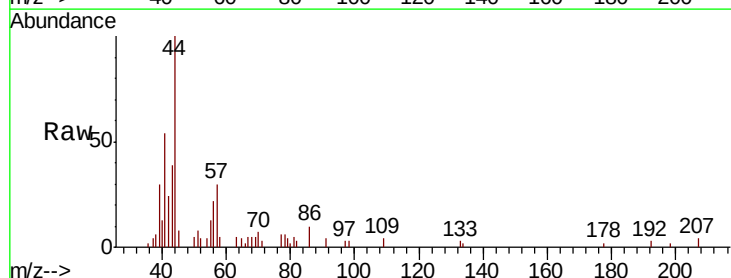
Acq: 14 Nov 2018 19:52

Tgt Ion: 43 Resp: 3190

Ion Ratio Lower Upper

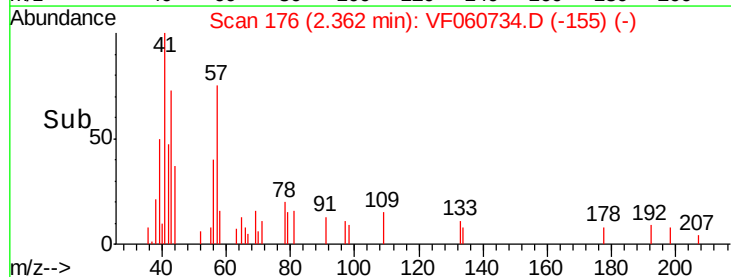
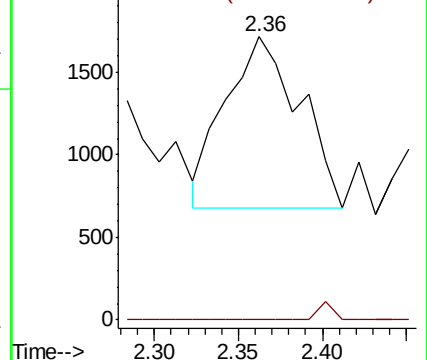
43 100

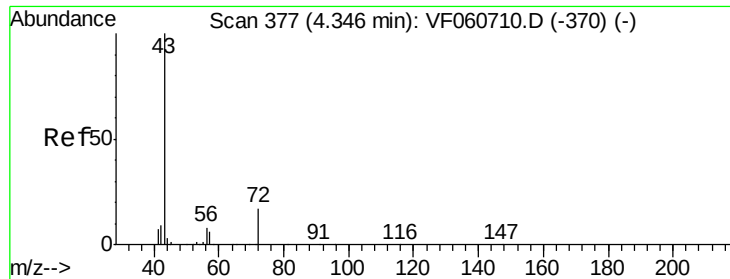
74 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0





#25

2-Butanone

Concen: 10.441 ug/l

RT: 4.31 min Scan# 373

Delta R.T. -0.04 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

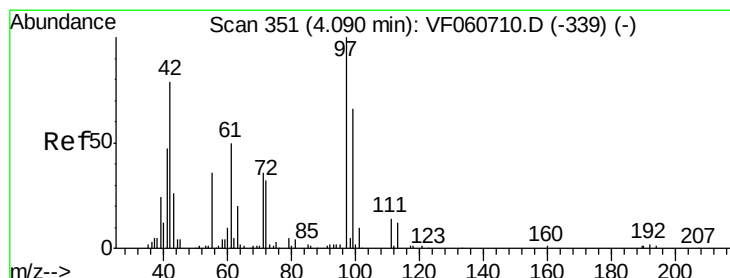
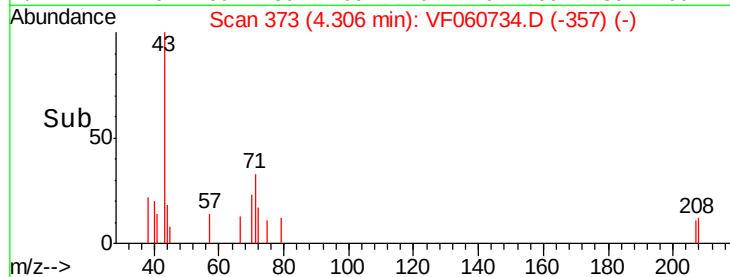
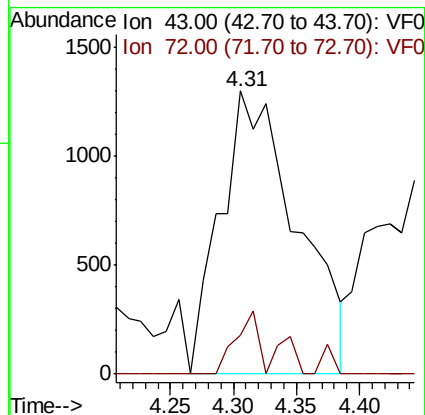
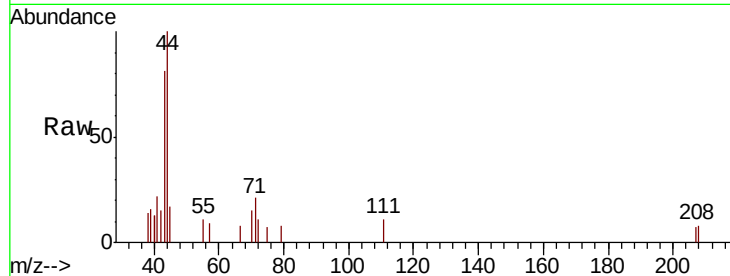
T-1

Tgt Ion: 43 Resp: 5470

Ion Ratio Lower Upper

43 100

72 13.6 16.1 24.1#



#29

Tetrahydrofuran

Concen: 2.369 ug/l

RT: 4.06 min Scan# 348

Delta R.T. -0.03 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

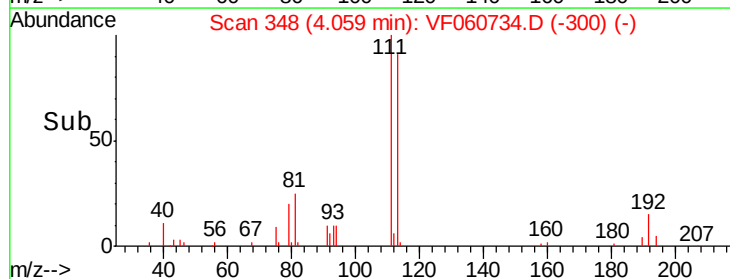
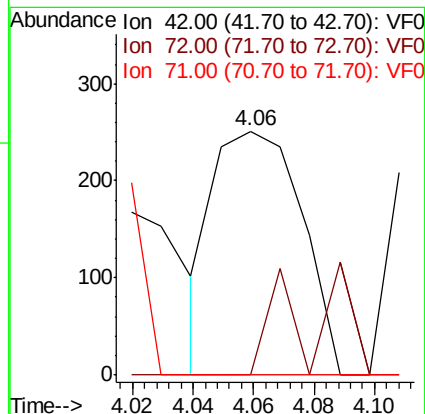
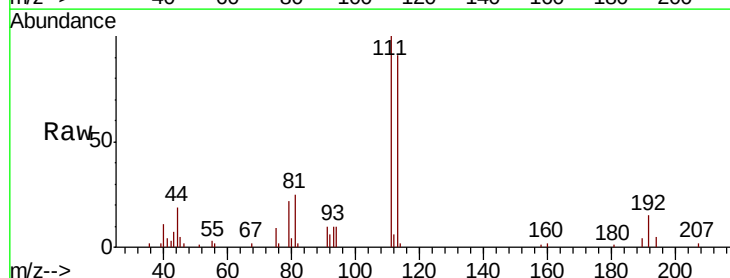
Tgt Ion: 42 Resp: 512

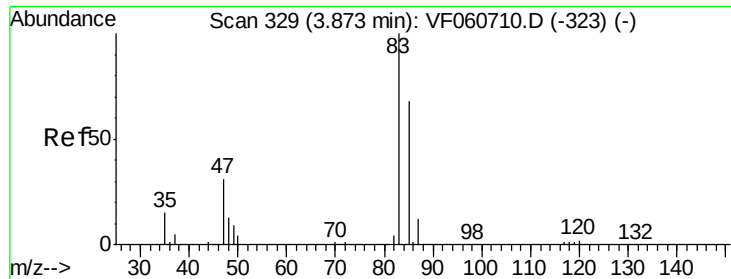
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 32.2 48.2#

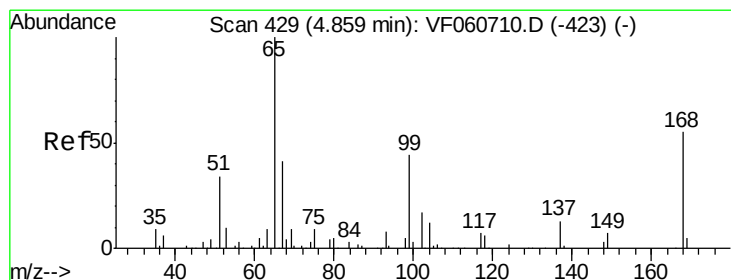
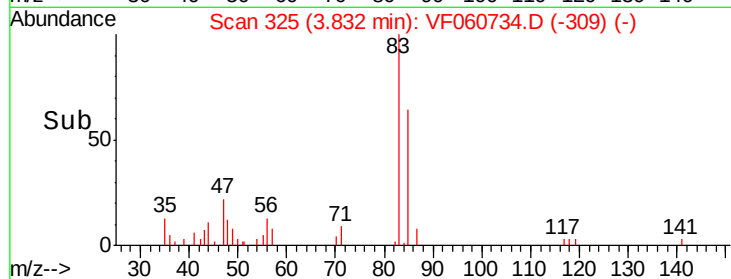
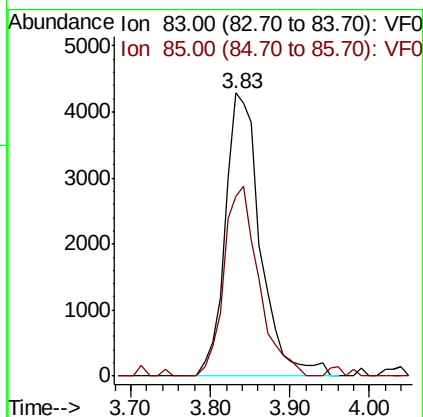
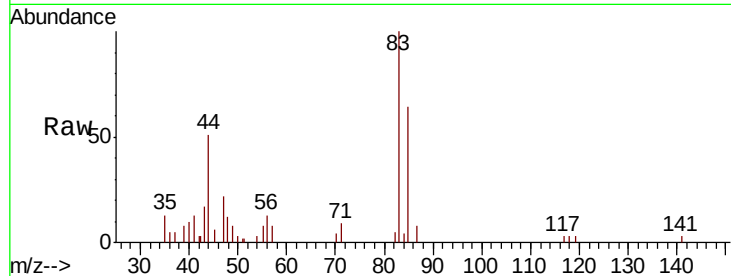




#30
Chloroform
Concen: 3.789 ug/l
RT: 3.83 min Scan# 325
Delta R.T. -0.04 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

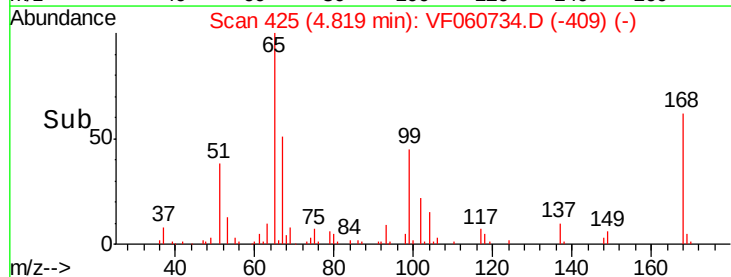
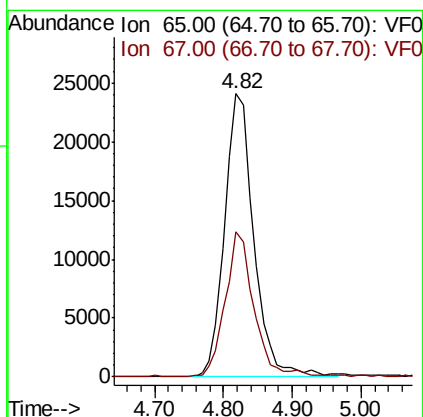
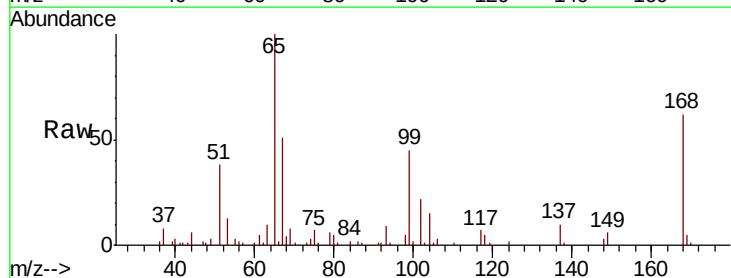
Instrument :
MSVOA_F
ClientSampleId :
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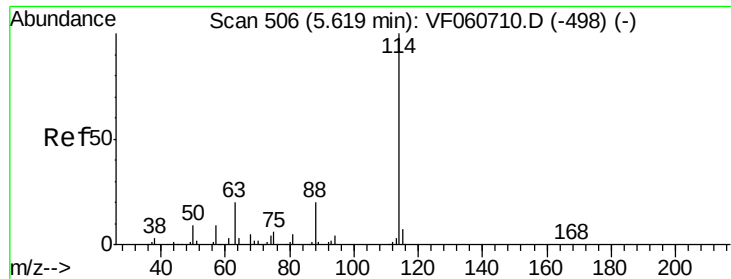
Tgt Ion: 83 Resp: 13269
Ion Ratio Lower Upper
83 100
85 63.7 54.6 82.0



#33
1,2-Dichloroethane-d4
Concen: 47.771 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 65 Resp: 71183
Ion Ratio Lower Upper
65 100
67 51.3 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.04 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

T-1

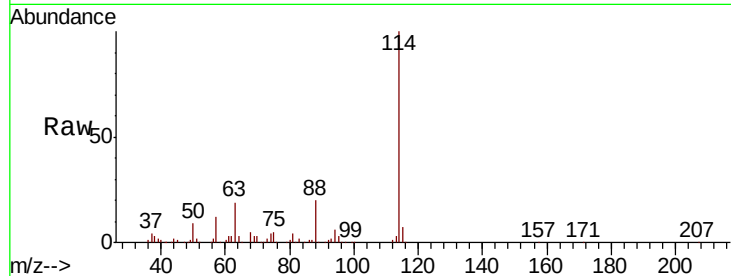
Tgt Ion:114 Resp: 246153

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

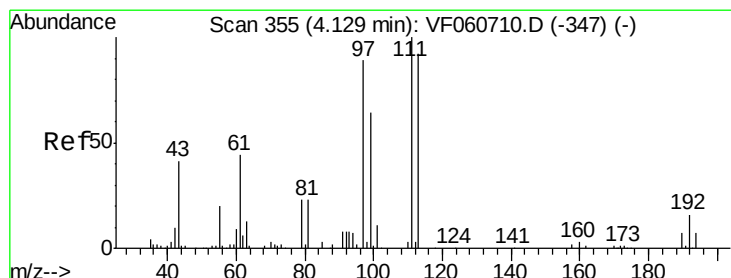
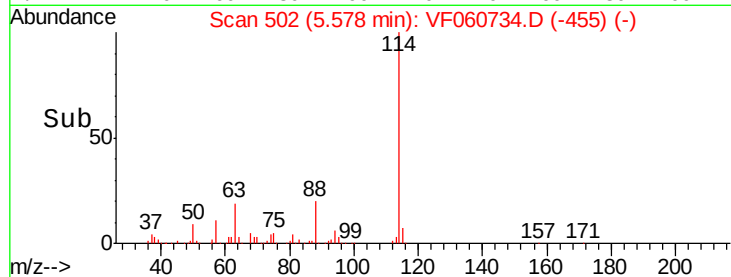
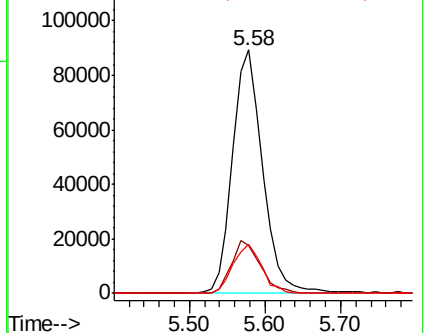
88 20.4 0.0 39.6



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: 45.913 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.04 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

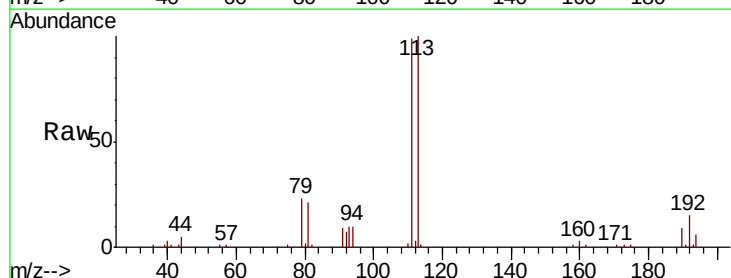
Tgt Ion:113 Resp: 84954

Ion Ratio Lower Upper

113 100

111 99.4 87.1 130.7

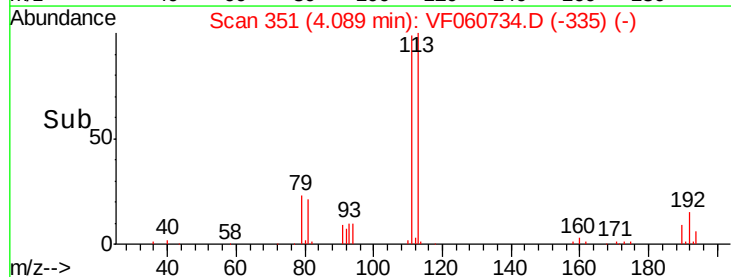
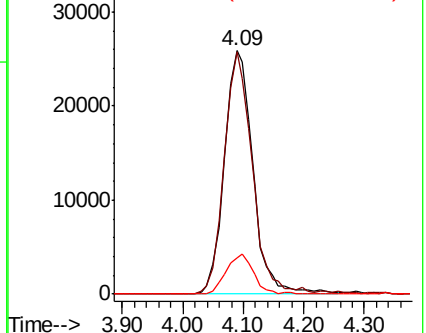
192 14.7 13.8 20.6

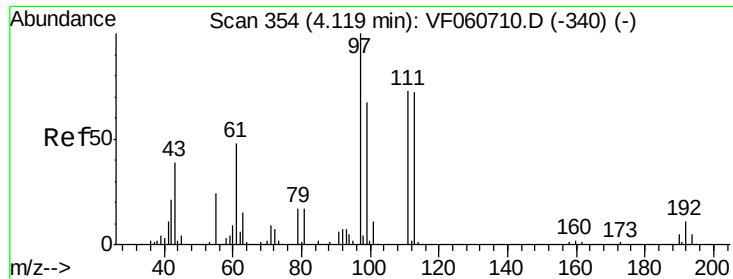


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

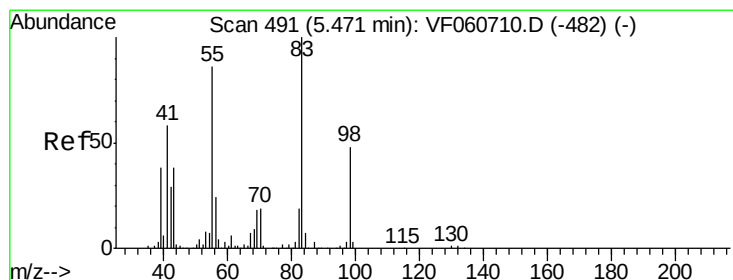
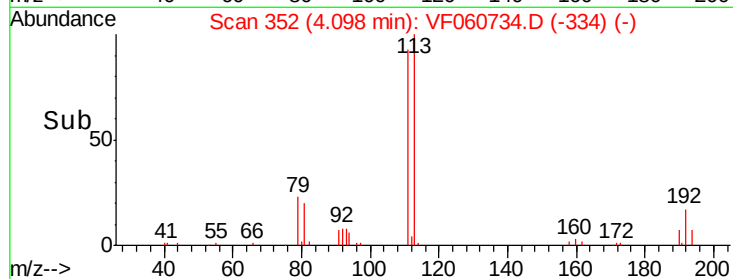
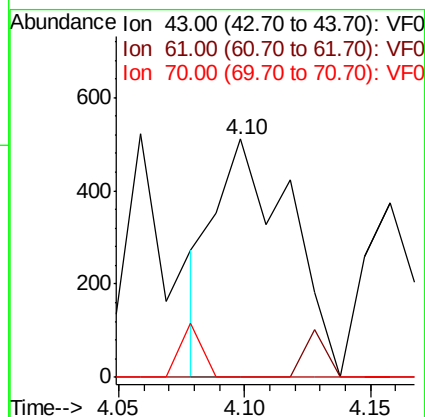
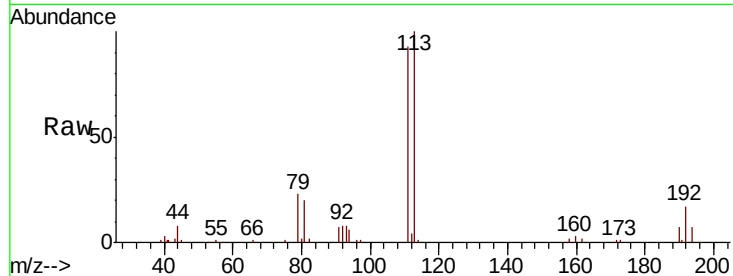




#37
Ethyl Acetate
Concen: 1.003 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

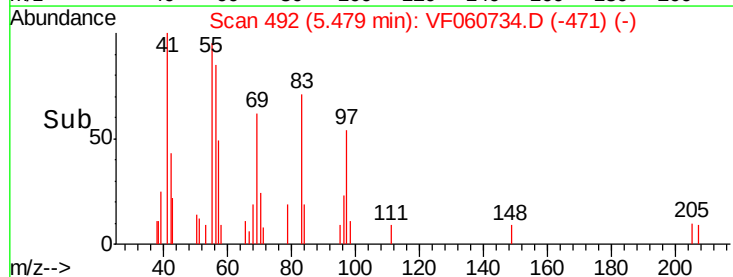
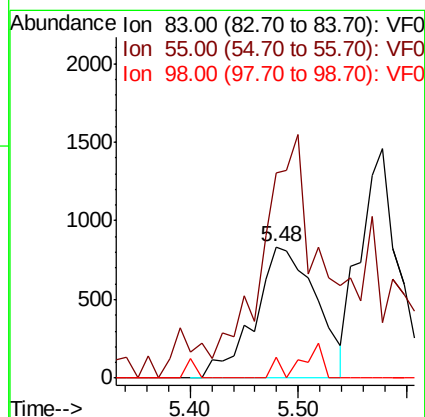
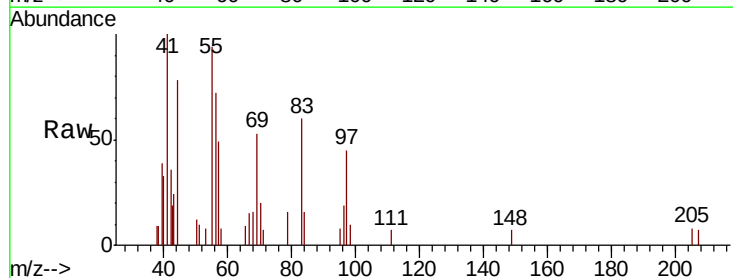
Instrument :
MSVOA_F
ClientSampled :
T-1

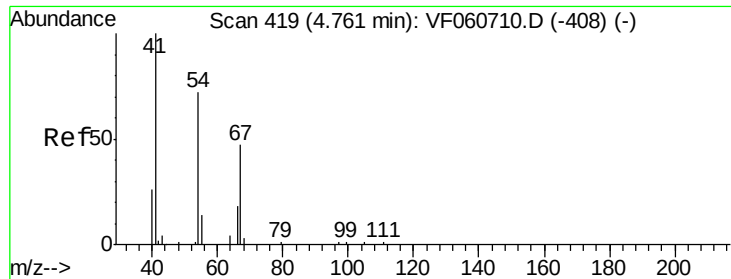
Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
61 0.0 98.5 147.7#
70 0.0 7.4 11.0#



#39
Methylcyclohexane
Concen: 1.005 ug/l
RT: 5.48 min Scan# 492
Delta R.T. 0.01 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 83 Resp: 3330
Ion Ratio Lower Upper
83 100
55 156.8 69.0 103.4#
98 16.2 38.5 57.7#

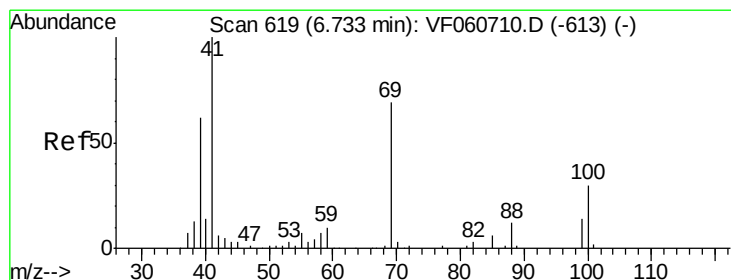
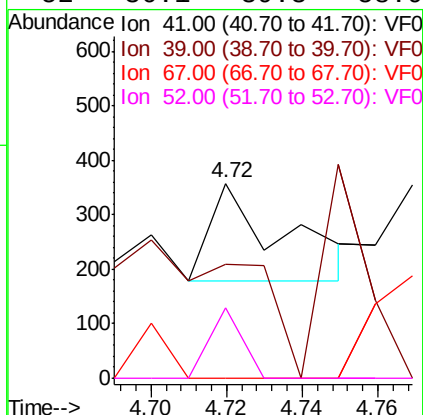
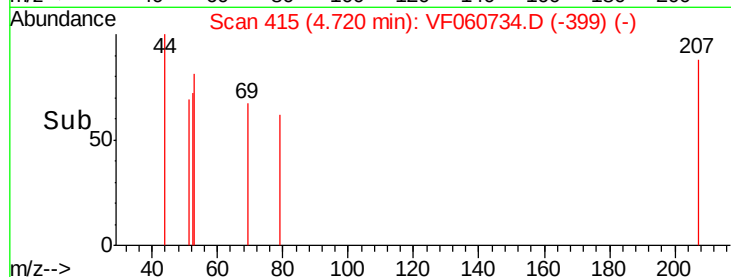
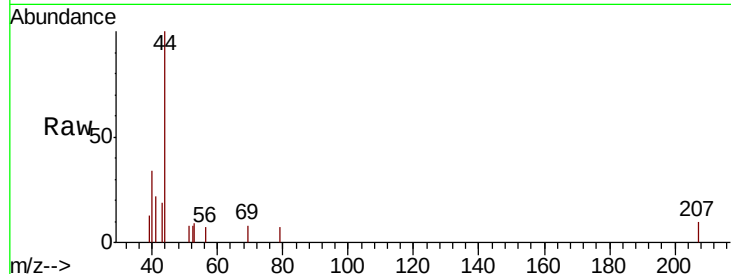




#41
Methacrylonitrile
Concen: Below Cal
RT: 4.72 min Scan# 415
Delta R.T. -0.04 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

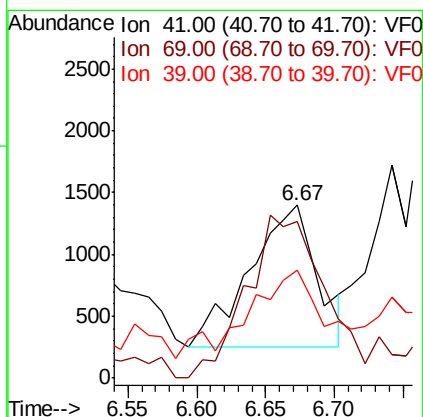
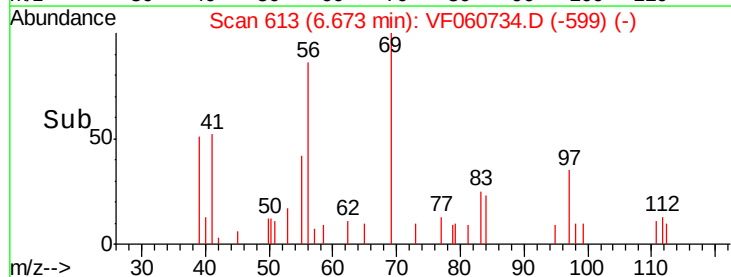
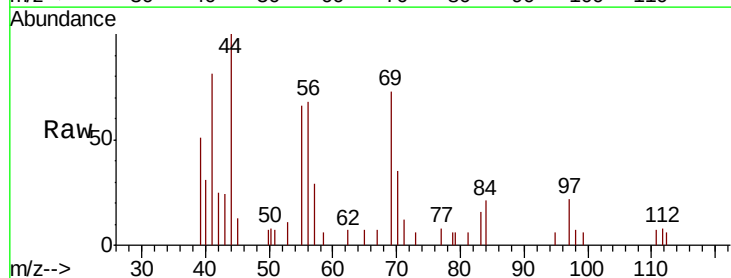
Instrument :
MSVOA_F
ClientSampled :
T-1

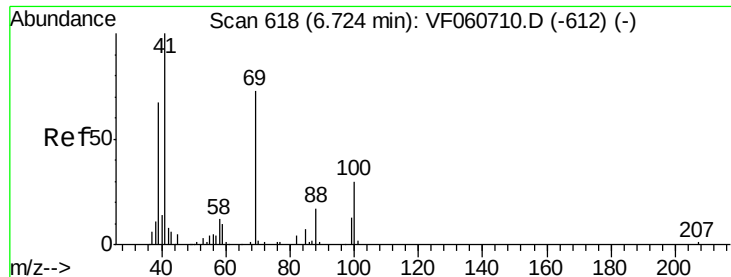
Tgt Ion:	41	Resp:	238
Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.1	70.7
67	0.0	37.1	55.7#
52	36.1	39.3	58.9#



#48
Methyl methacrylate
Concen: 4.221 ug/l
RT: 6.67 min Scan# 613
Delta R.T. -0.06 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion:	41	Resp:	3931
Ion	Ratio	Lower	Upper
41	100		
69	90.8	54.9	82.3#
39	62.7	49.6	74.4

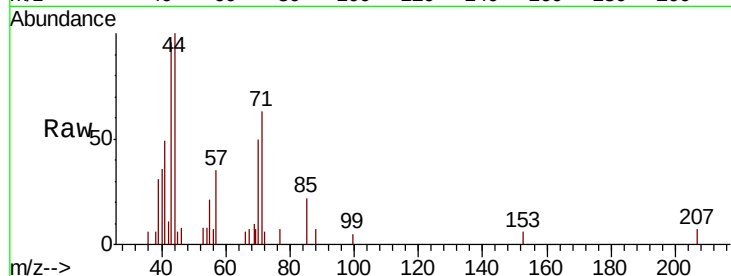




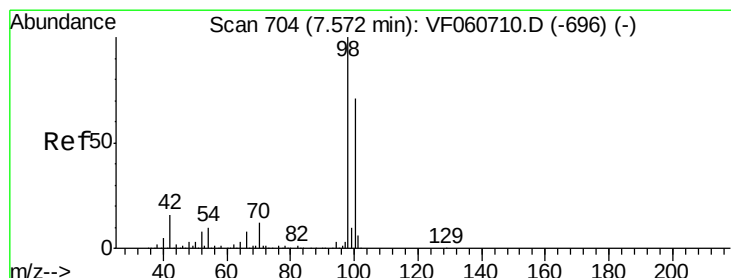
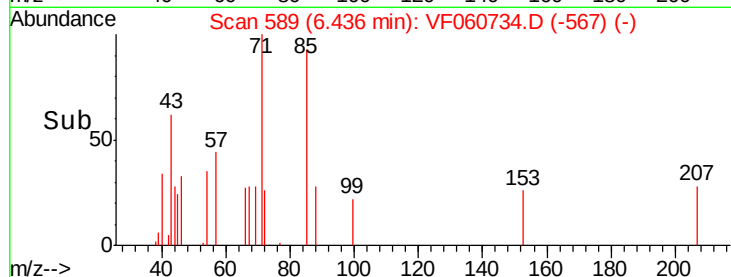
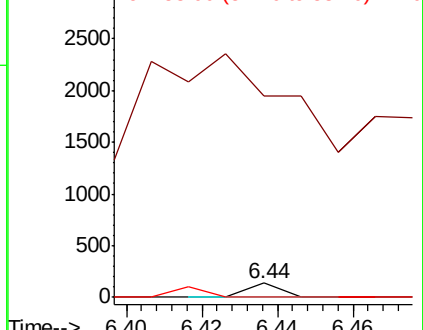
#49
1,4-Dioxane
Concen: 9.185 ug/l
RT: 6.44 min Scan# 589
Delta R.T. -0.29 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Instrument :
MSVOA_F
ClientSampled :
T-1

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 1439.3 44.6 66.8#
58 0.0 54.5 81.7#

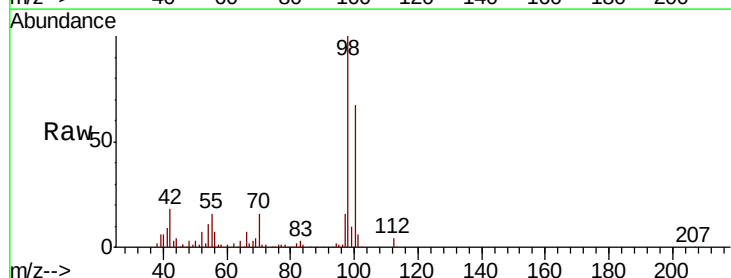


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

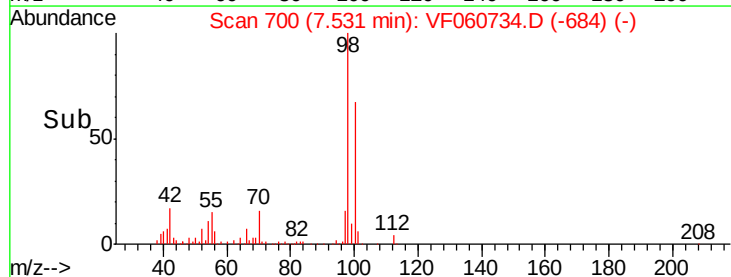
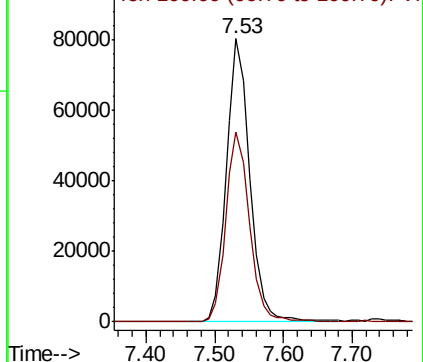


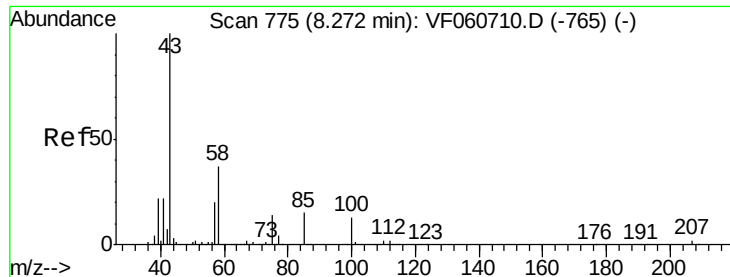
#50
Toluene-d8
Concen: 39.076 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 98 Resp: 189353
Ion Ratio Lower Upper
98 100
100 67.3 56.5 84.7



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: 125.566 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampled :

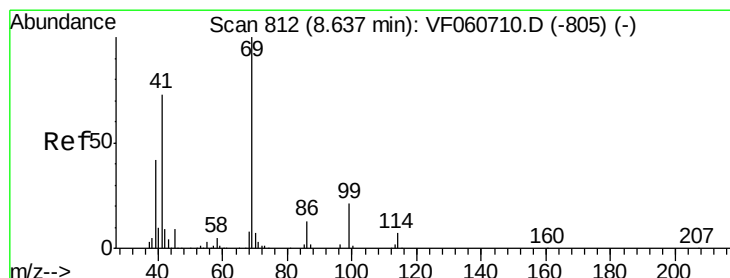
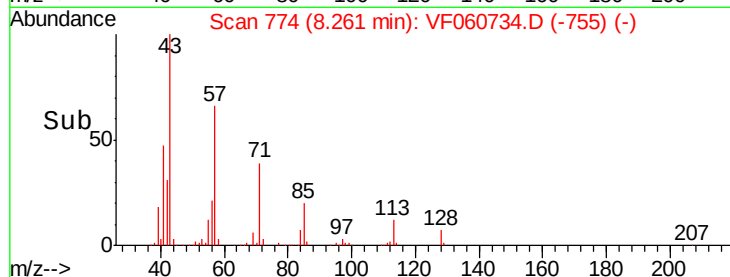
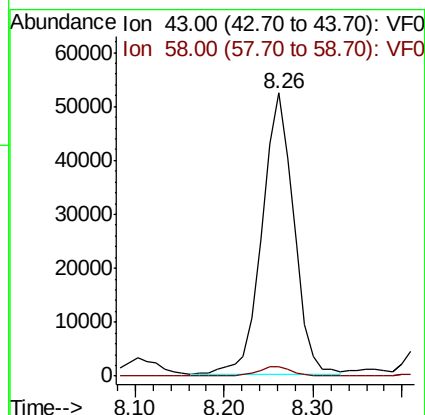
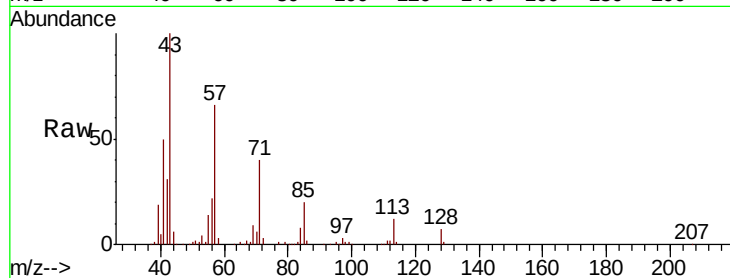
T-1

Tgt Ion: 43 Resp: 127797

Ion Ratio Lower Upper

43 100

58 3.3 29.2 43.8#



#56

Ethyl methacrylate

Concen: 94.950 ug/l

RT: 8.60 min Scan# 808

Delta R.T. -0.04 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

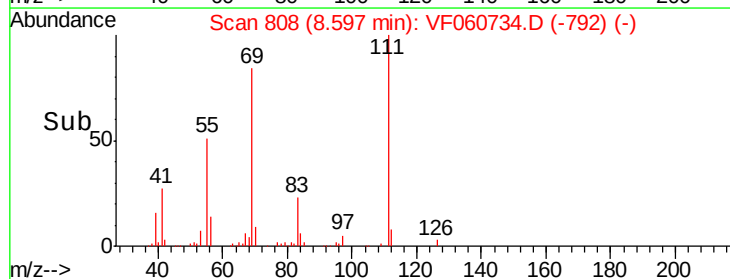
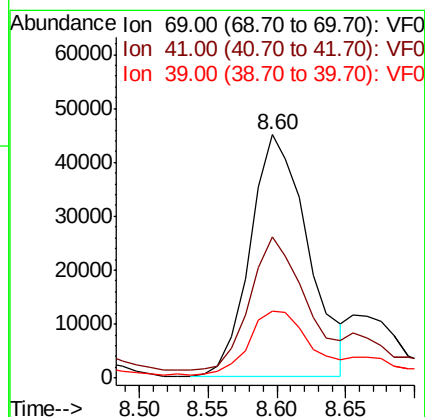
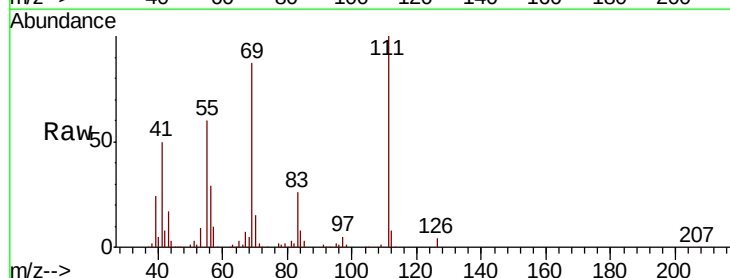
Tgt Ion: 69 Resp: 131391

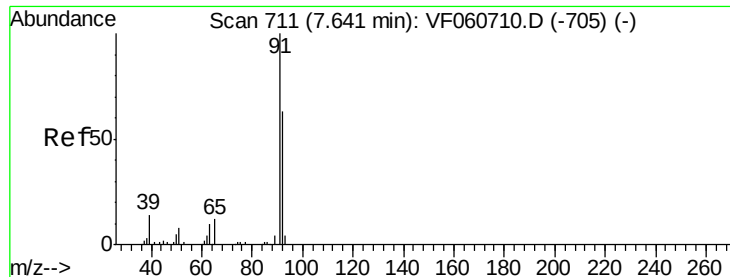
Ion Ratio Lower Upper

69 100

41 57.8 59.0 88.6#

39 27.5 34.0 51.0#

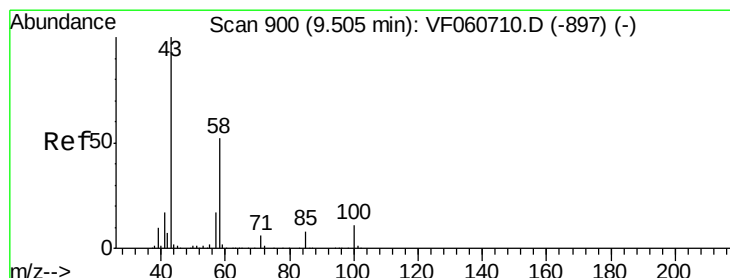
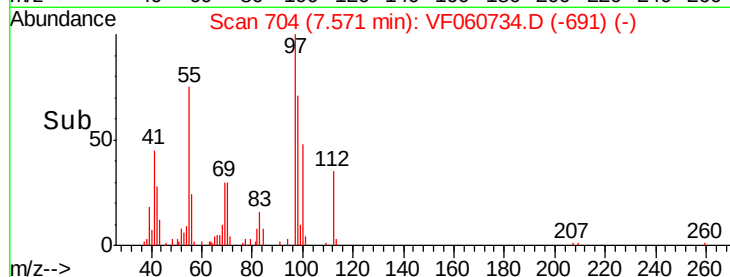
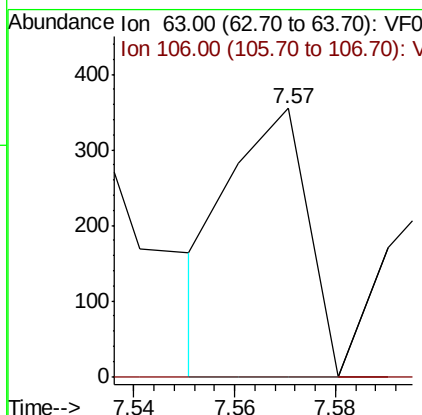
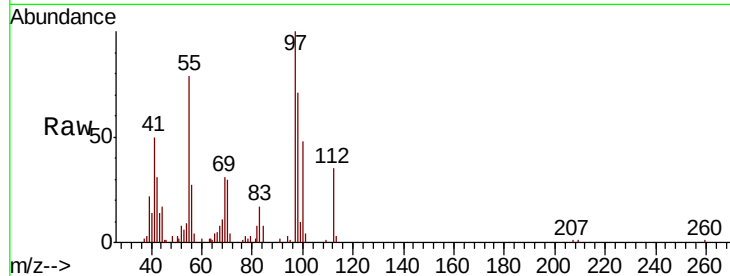




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.990 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. -0.07 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

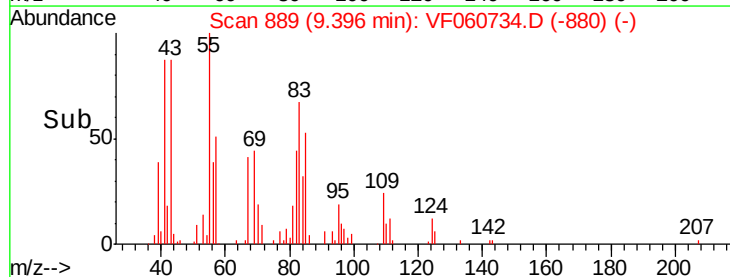
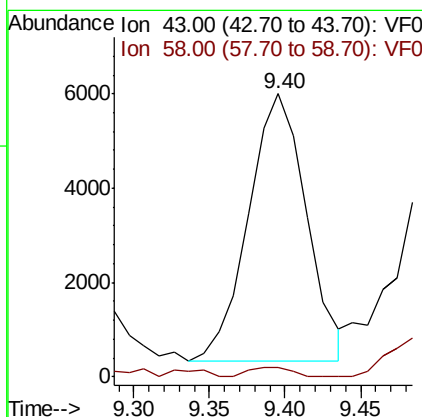
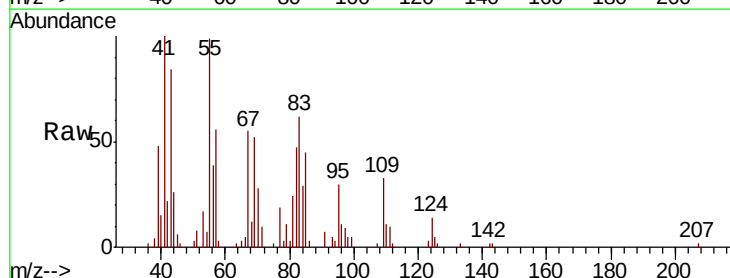
Instrument :
 MSVOA_F
 ClientSampled :
 T-1

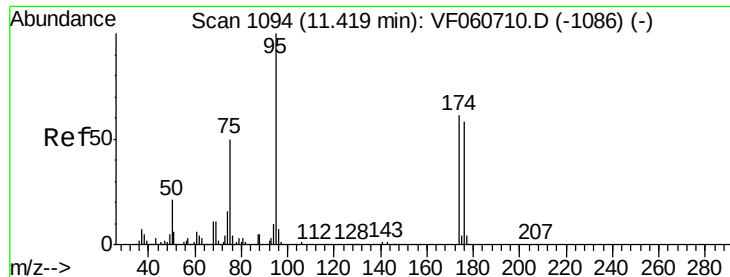
Tgt Ion: 63 Resp: 378
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#59
 2-Hexanone
 Concen: 21.141 ug/l
 RT: 9.40 min Scan# 889
 Delta R.T. -0.11 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

Tgt Ion: 43 Resp: 15121
 Ion Ratio Lower Upper
 43 100
 58 3.2 24.9 74.7#





#62

4-Bromofluorobenzene

Concen: 58.647 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

T-1

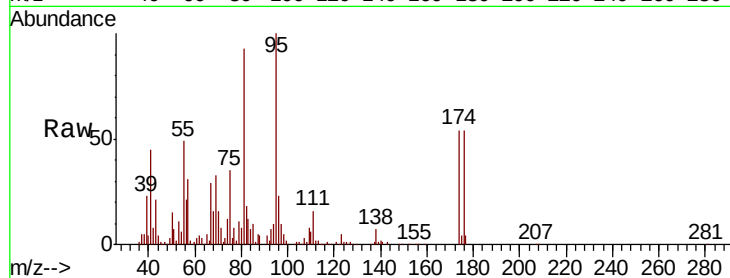
Tgt Ion: 95 Resp: 126884

Ion Ratio Lower Upper

95 100

174 53.7 0.0 121.6

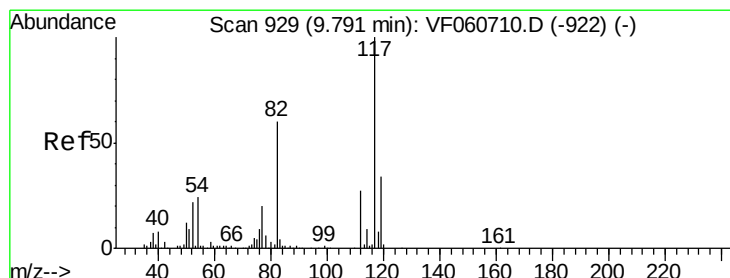
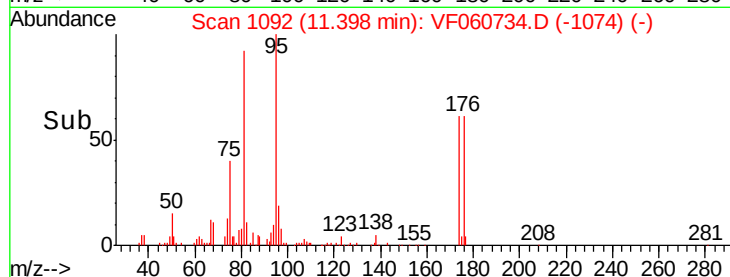
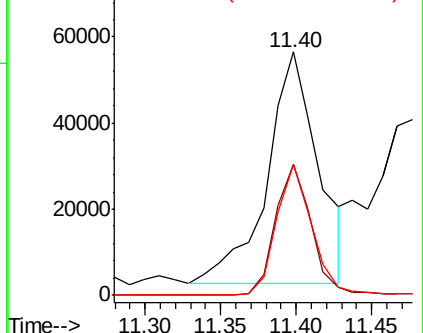
176 54.0 0.0 115.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

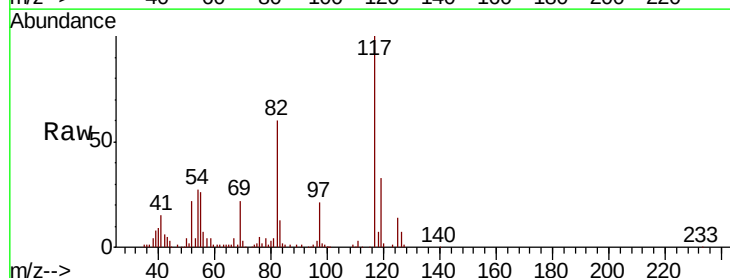
Tgt Ion: 117 Resp: 191319

Ion Ratio Lower Upper

117 100

82 60.3 47.9 71.9

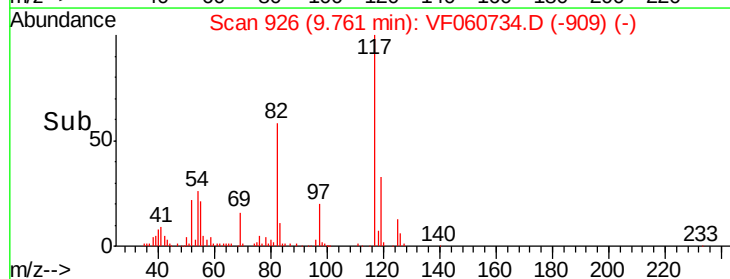
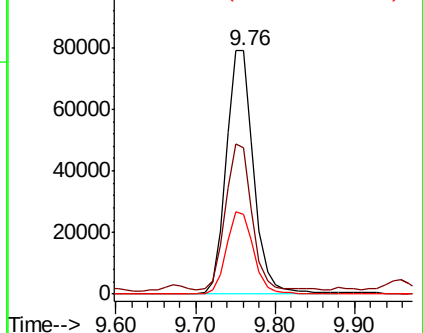
119 32.9 26.8 40.2

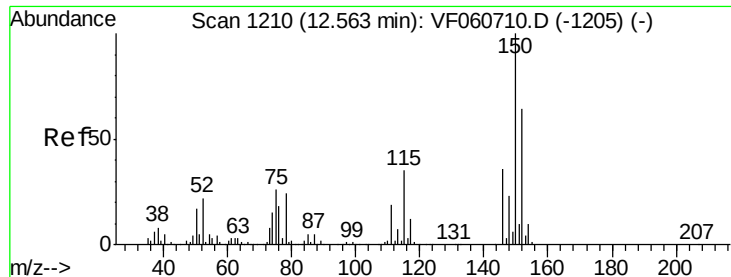


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



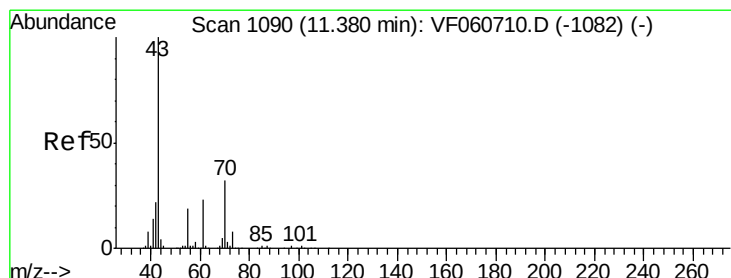
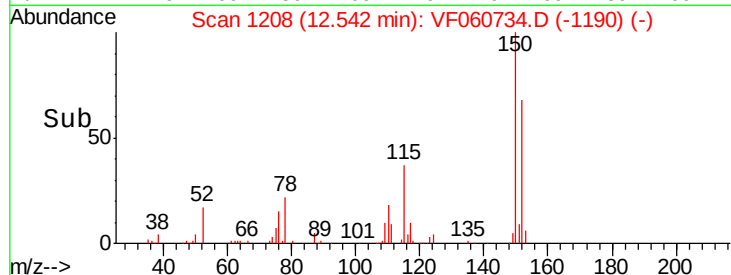
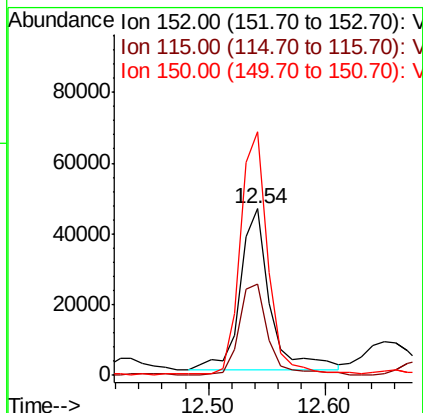
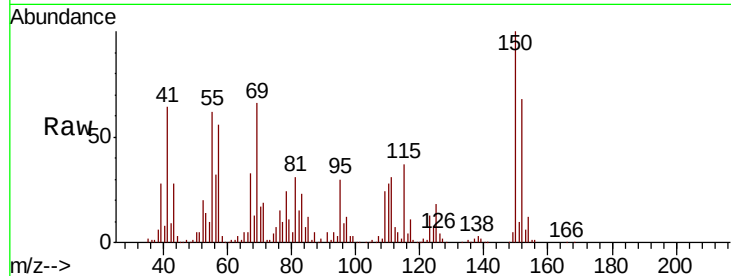


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Instrument :
MSVOA_F
ClientSampled :
T-1

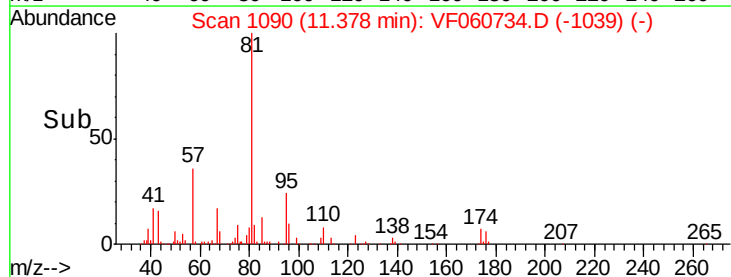
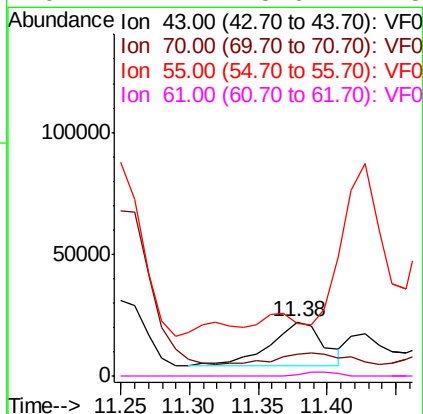
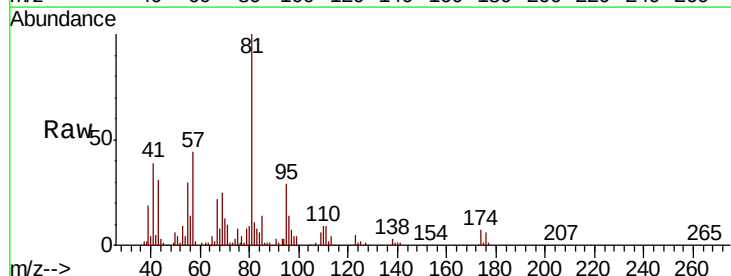
Tgt Ion:152 Resp: 80161
Ion Ratio Lower Upper
152 100
115 54.6 27.9 83.7
150 146.3 0.0 316.4

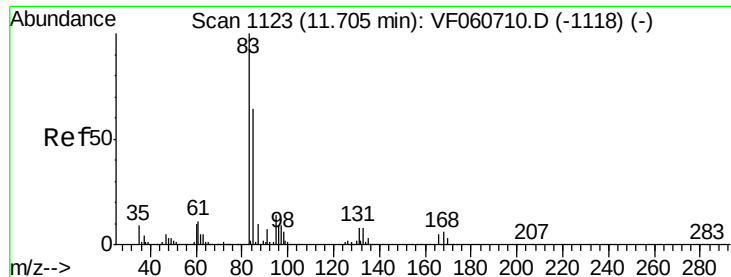


#74

N-amil acetate
Concen: 32.693 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 43 Resp: 48023
Ion Ratio Lower Upper
43 100
70 40.6 25.5 38.3#
55 95.6 14.9 22.3#
61 2.2 18.6 27.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 59.349 ug/l

RT: 11.65 min Scan# 1118

Delta R.T. -0.05 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

T-1

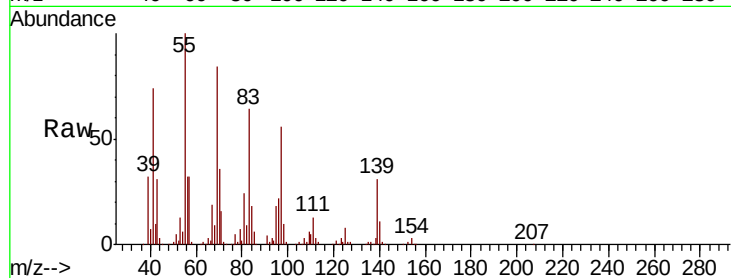
Tgt Ion: 83 Resp: 63312

Ion Ratio Lower Upper

83 100

131 0.0 4.2 12.4#

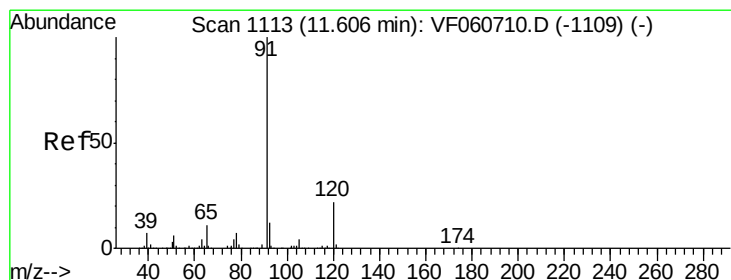
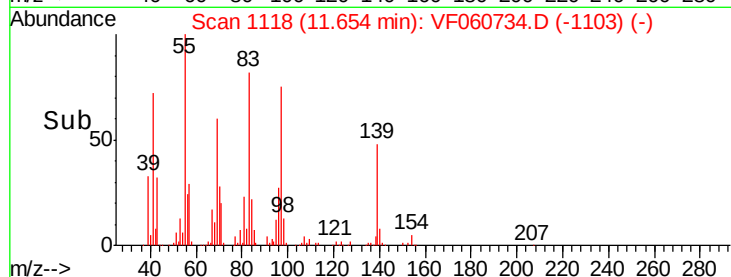
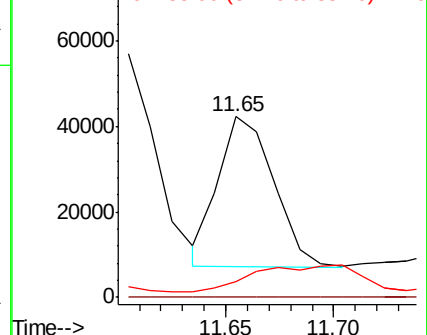
85 8.9 32.0 96.2#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#78

n-propylbenzene

Concen: 3.684 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF060734.D

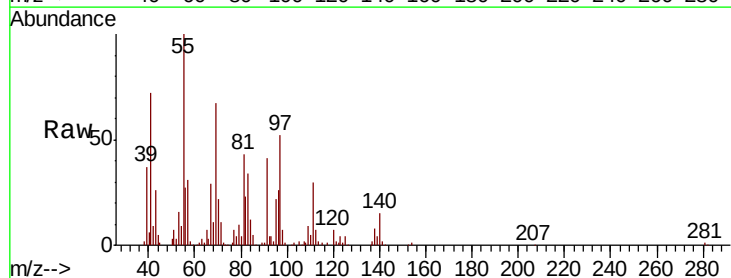
Acq: 14 Nov 2018 19:52

Tgt Ion: 91 Resp: 27721

Ion Ratio Lower Upper

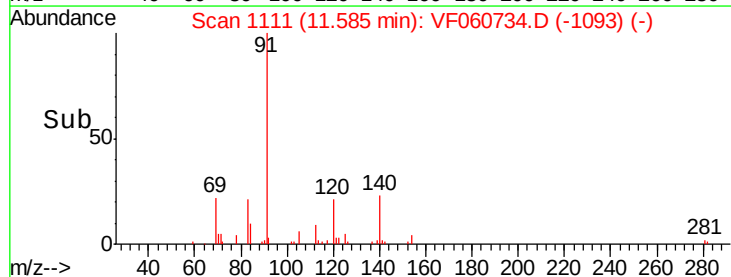
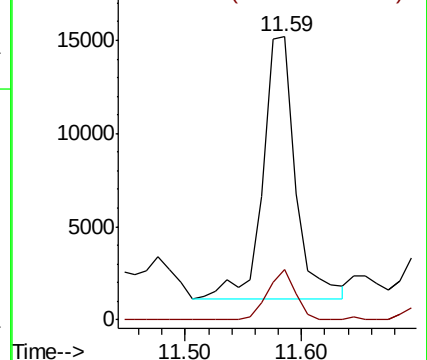
91 100

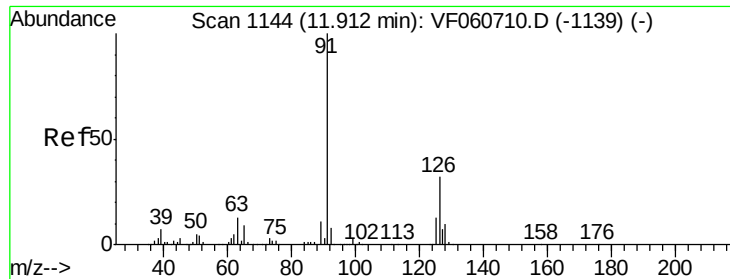
120 17.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

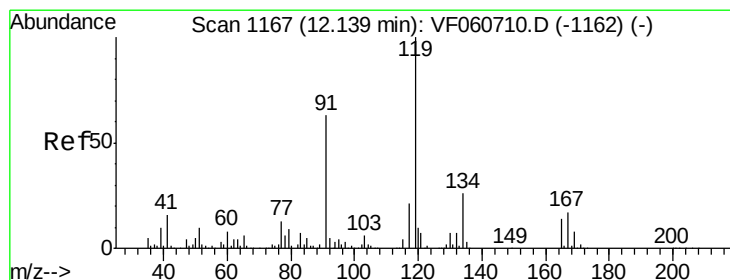
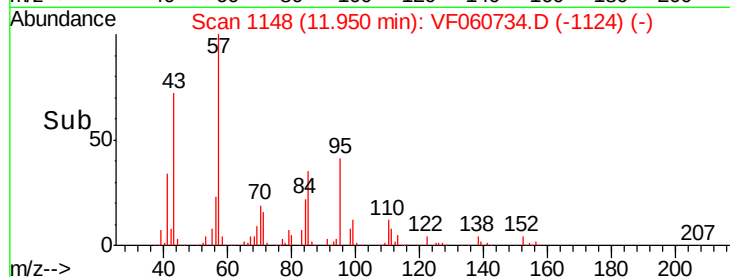
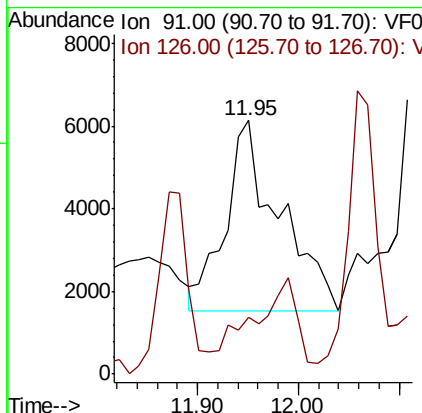
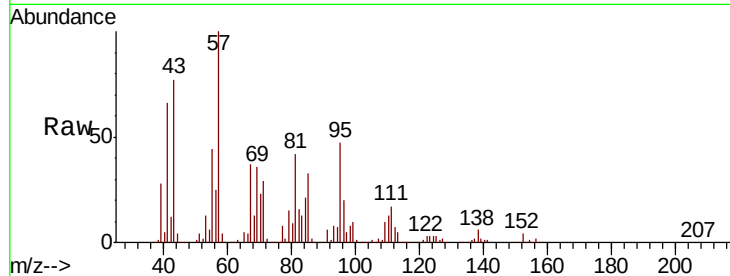




#82
4-Chlorotoluene
Concen: 3.782 ug/l
RT: 11.95 min Scan# 1148
Delta R.T. 0.04 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

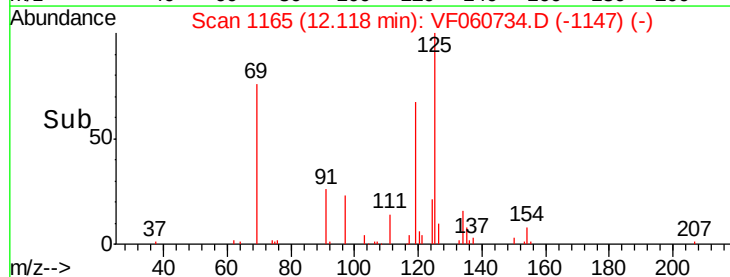
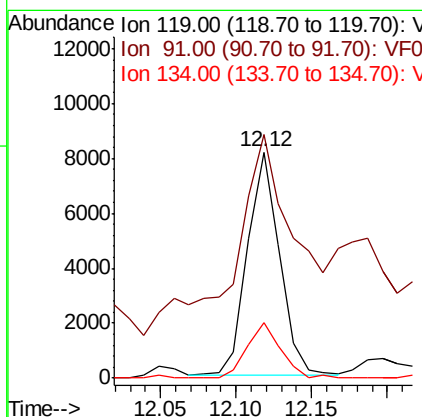
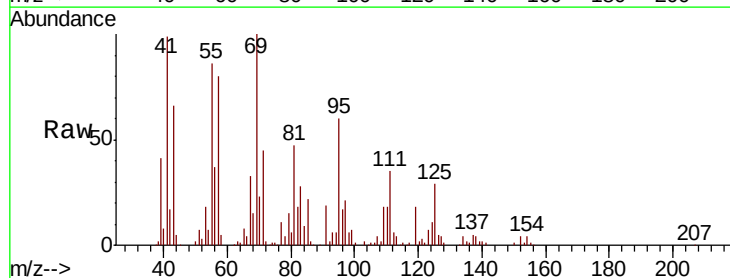
Instrument :
MSVOA_F
ClientSampleId :
T-1

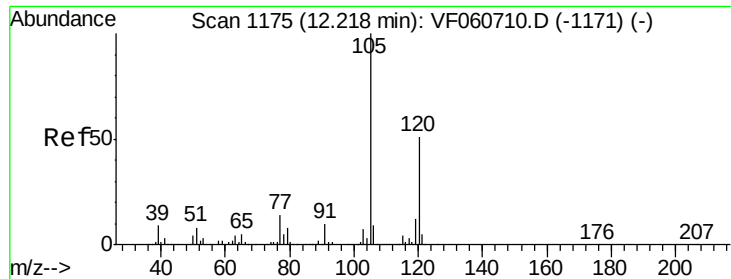
Tgt Ion: 91 Resp: 16945
Ion Ratio Lower Upper
91 100
126 22.6 16.0 47.9



#83
tert-Butylbenzene
Concen: 2.201 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.02 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 119 Resp: 11973
Ion Ratio Lower Upper
119 100
91 107.7 31.4 94.3#
134 24.4 12.8 38.4

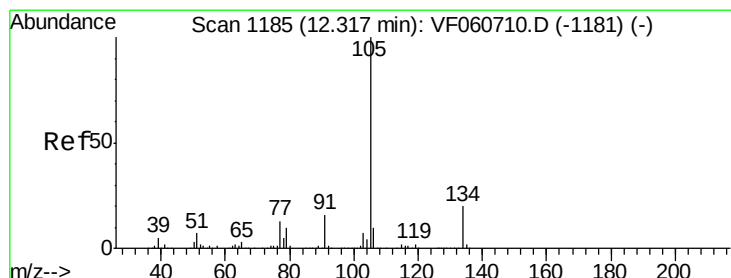
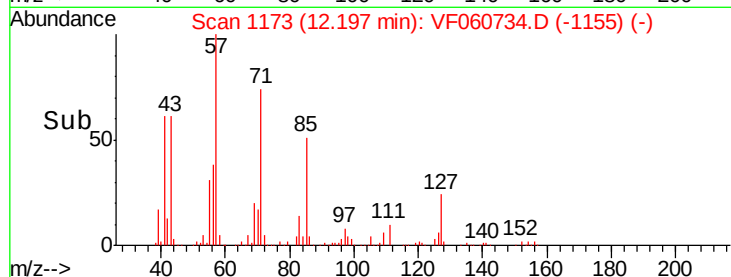
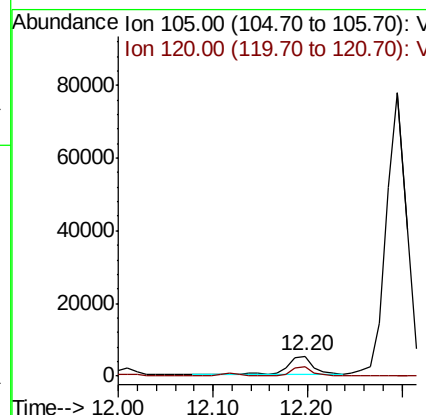
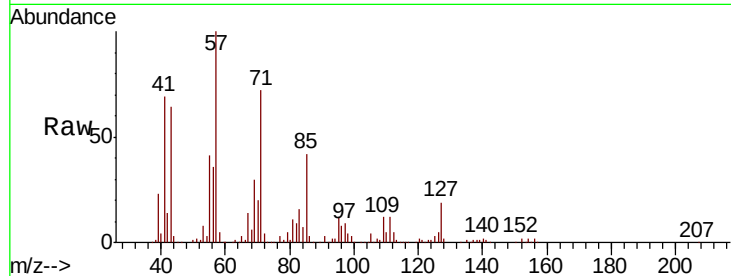




#84
 1,2,4-Trimethylbenzene
 Concen: 1.921 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

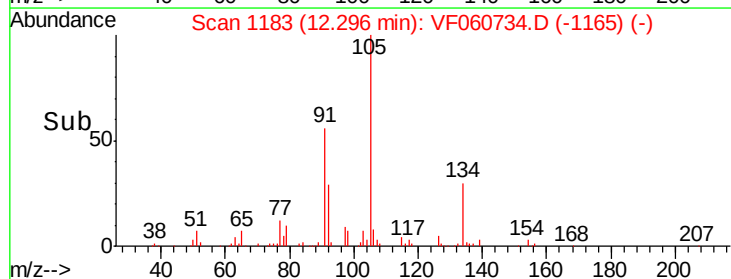
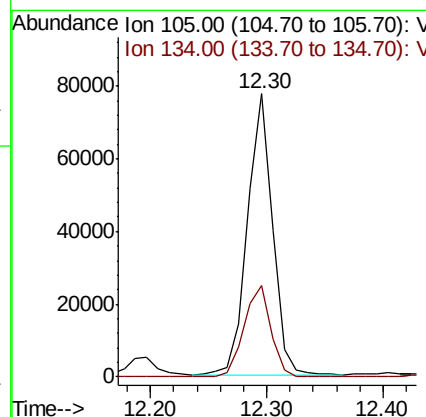
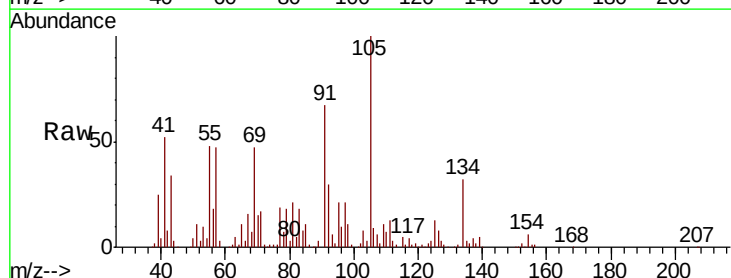
Instrument :
 MSVOA_F
 ClientSampleId :
 T-1

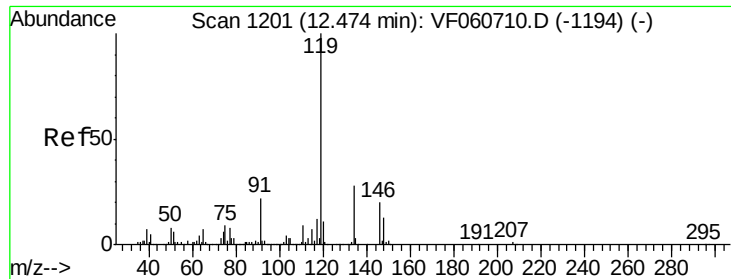
Tgt Ion:105 Resp: 10180
 Ion Ratio Lower Upper
 105 100
 120 45.9 25.5 76.5



#85
 sec-Butylbenzene
 Concen: 15.655 ug/l
 RT: 12.30 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

Tgt Ion:105 Resp: 115506
 Ion Ratio Lower Upper
 105 100
 134 32.4 10.1 30.3#

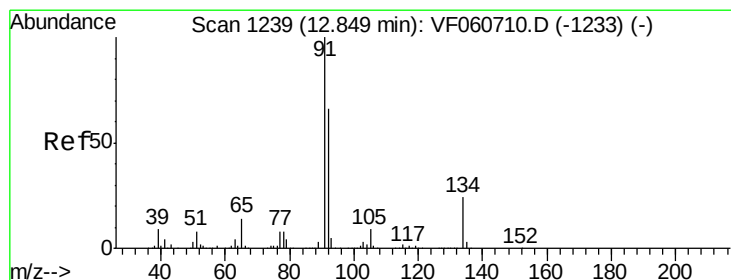
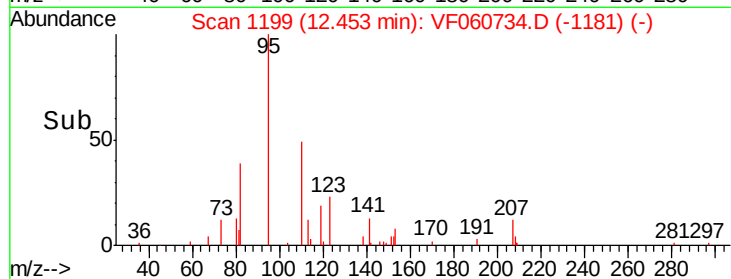
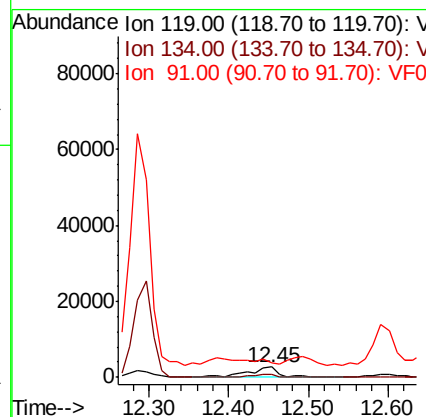
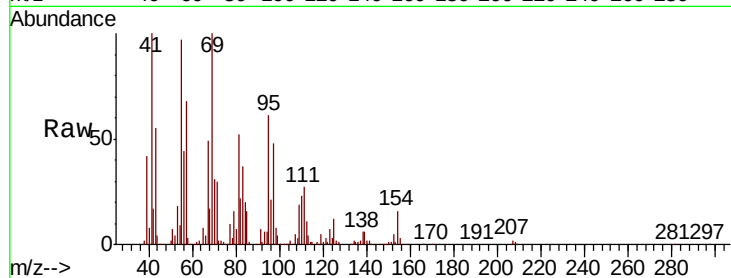




#86
p-Isopropyltoluene
Concen: 1.039 ug/l
RT: 12.45 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

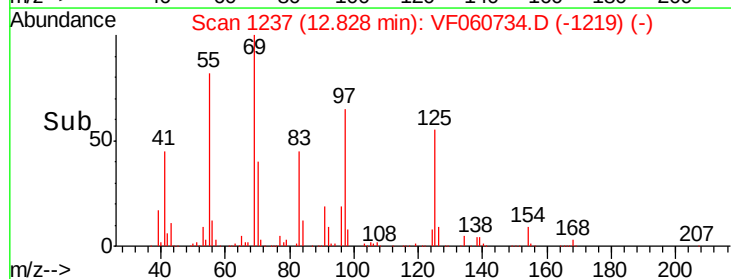
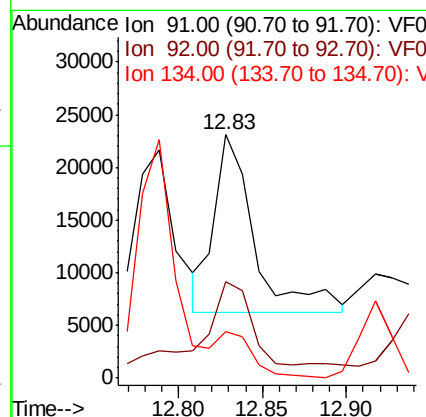
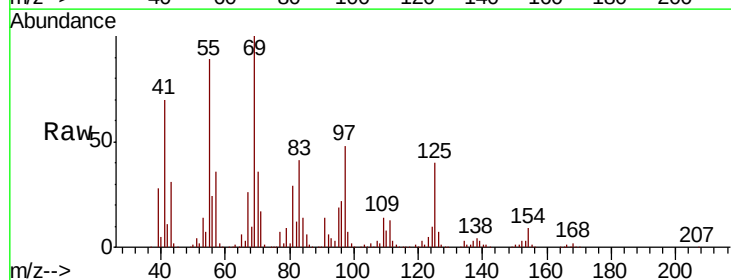
Instrument :
MSVOA_F
ClientSampled :
T-1

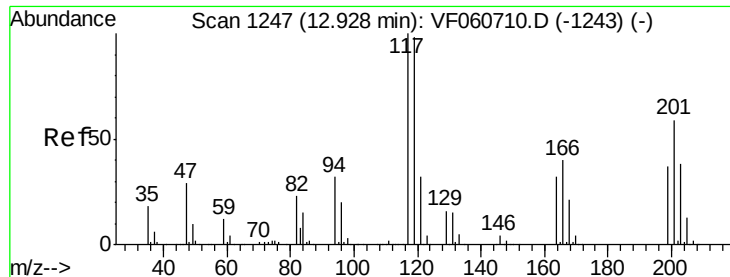
Tgt Ion: 119 Resp: 6404
Ion Ratio Lower Upper
119 100
134 31.1 13.9 41.7
91 140.4 11.3 33.9#



#89
n-Butylbenzene
Concen: 4.452 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF060734.D
Acq: 14 Nov 2018 19:52

Tgt Ion: 91 Resp: 27999
Ion Ratio Lower Upper
91 100
92 39.8 33.1 99.2
134 19.1 11.9 35.9





#90

Hexachloroethane

Concen: 2.830 ug/l

RT: 12.92 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

Instrument :

MSVOA_F

ClientSampled :

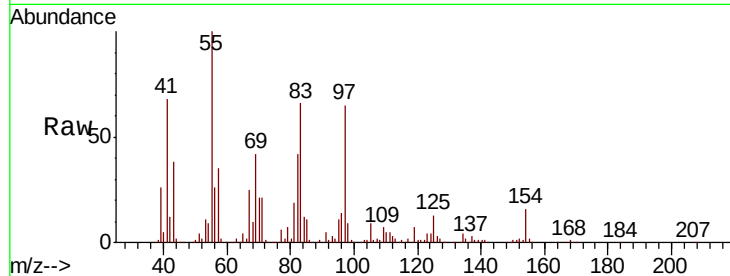
T-1

Tgt Ion: 117 Resp: 4265

Ion Ratio Lower Upper

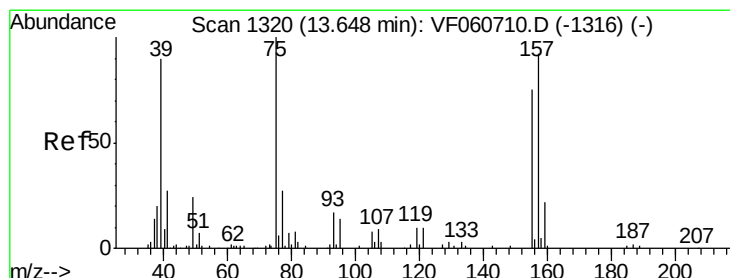
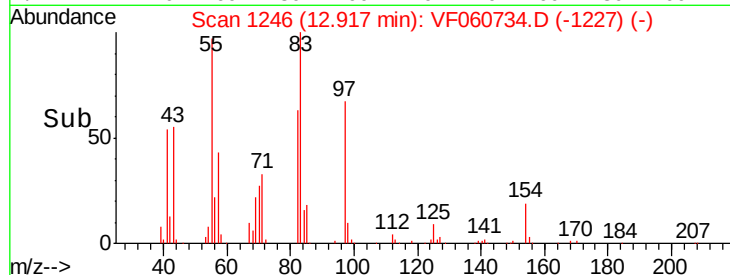
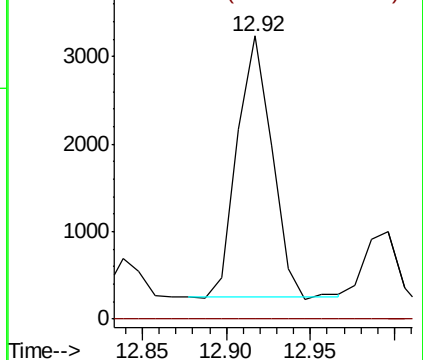
117 100

201 0.0 29.4 88.3#



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: 21.252 ug/l

RT: 13.63 min Scan# 1318

Delta R.T. -0.02 min

Lab File: VF060734.D

Acq: 14 Nov 2018 19:52

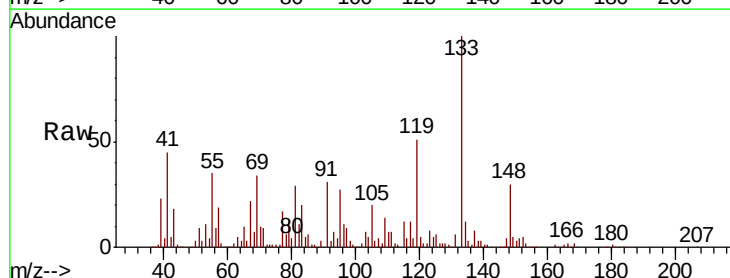
Tgt Ion: 75 Resp: 4261

Ion Ratio Lower Upper

75 100

155 35.8 37.4 112.2#

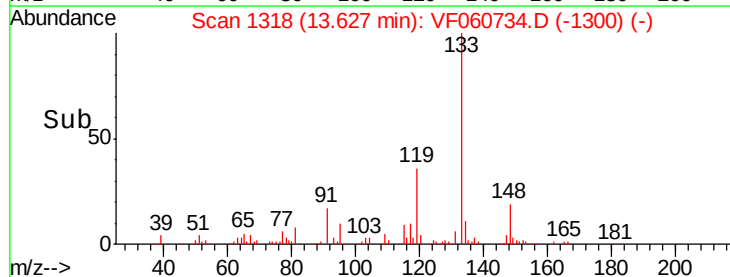
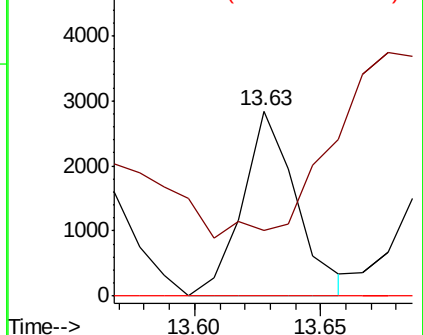
157 0.0 46.0 138.0#

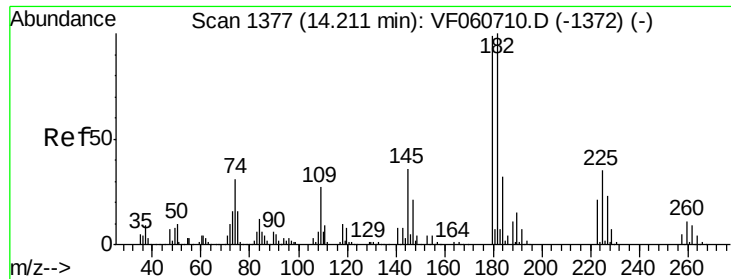


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

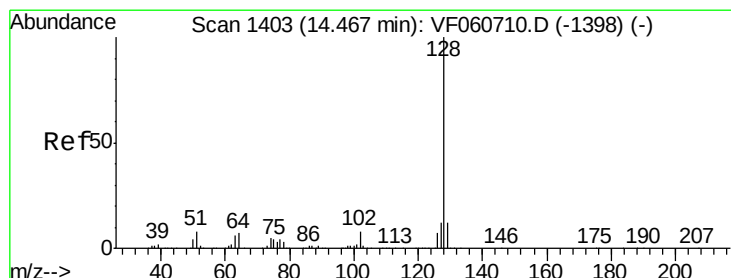
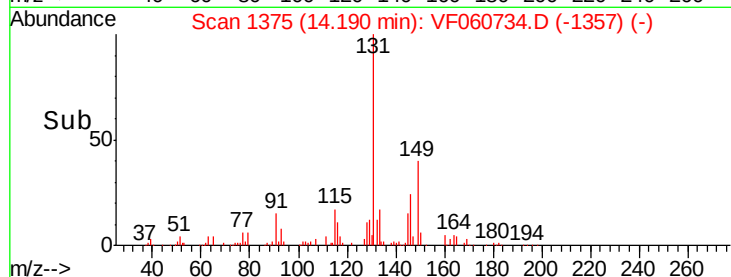
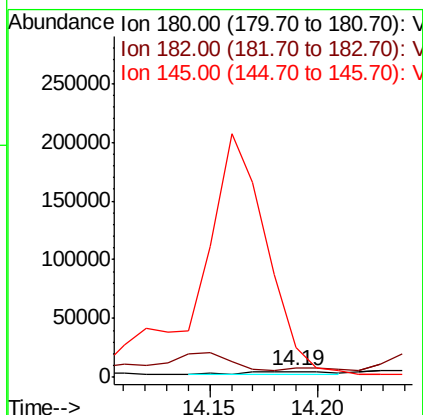
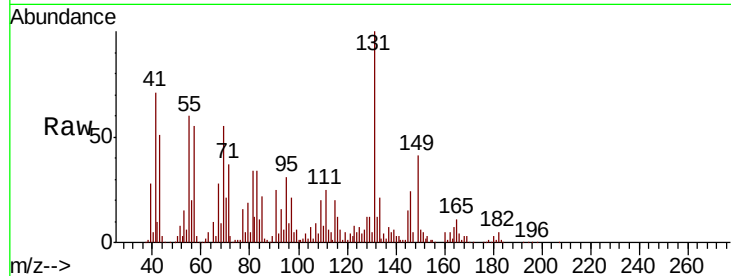




#93
 1,2,4-Trichlorobenzene
 Concen: 3.625 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

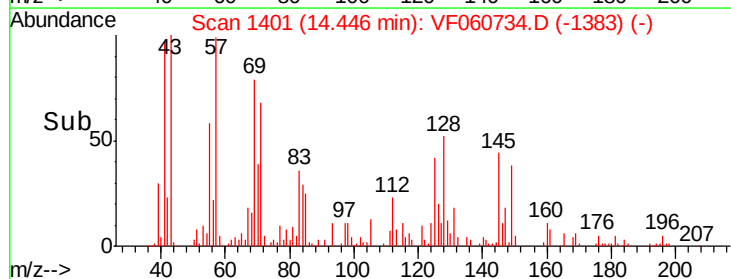
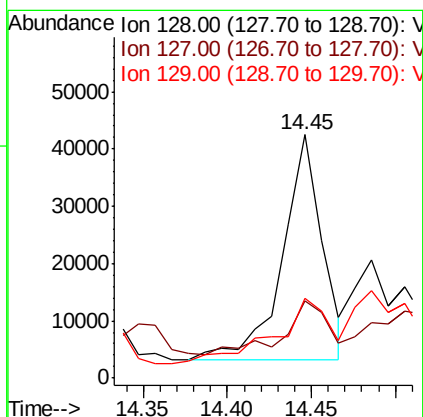
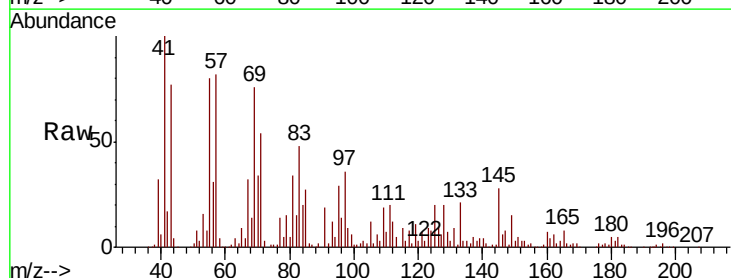
Instrument :
 MSVOA_F
 ClientSampleId :
 T-1

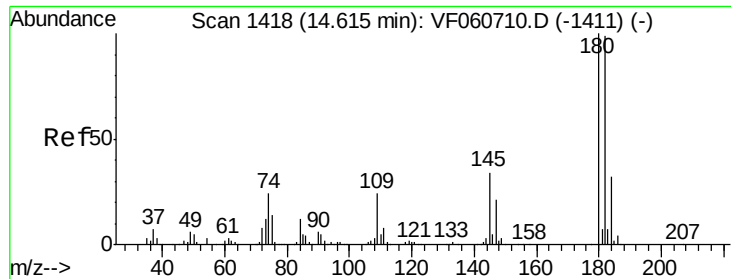
Tgt Ion:180 Resp: 6557
 Ion Ratio Lower Upper
 180 100
 182 154.5 50.3 151.0#
 145 509.1 18.3 54.9#



#95
 Naphthalene
 Concen: 19.609 ug/l
 RT: 14.45 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

Tgt Ion:128 Resp: 64721
 Ion Ratio Lower Upper
 128 100
 127 31.5 9.8 14.6#
 129 32.6 9.3 13.9#





#96
 1,2,3-Trichlorobenzene
 Concen: 25.464 ug/l
 RT: 14.63 min Scan# 1420
 Delta R.T. 0.02 min
 Lab File: VF060734.D
 Acq: 14 Nov 2018 19:52

Instrument :
 MSVOA_F
 ClientSampleId :
 T-1

Tgt Ion:180 Resp: 42562
 Ion Ratio Lower Upper
 180 100
 182 54.8 49.6 149.0
 145 78.6 16.9 50.7#

