

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
 Data File : VF060041.D
 Acq On : 22 Aug 2018 15:45
 Operator : VA/AP
 Sample : J4524-01RE
 Misc : 5.02g/5mL/MSVOA_F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Y-1802RE

Quant Time: Aug 23 04:26:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

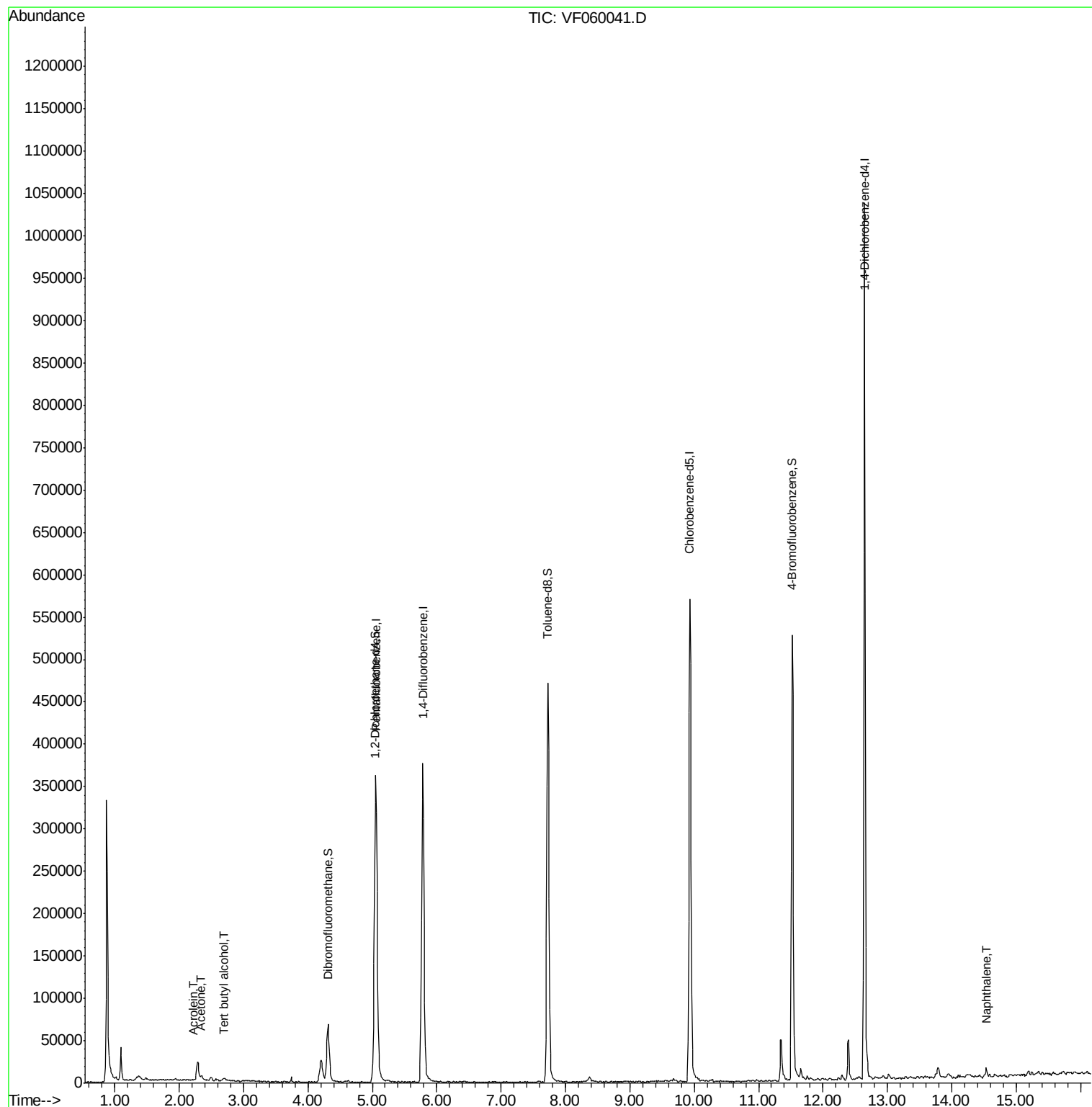
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	270495	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	415674	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	431063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	256395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	144356	38.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.98%	
35) Dibromofluoromethane	4.31	113	60555	18.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	37.10%	
50) Toluene-d8	7.72	98	386147	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	11.52	95	195711	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.09	50	2762	Below Cal	#	79
11) Tert butyl alcohol	2.68	59	3942	20.016	ug/l #	80
13) Acrolein	2.21	56	144	27.394	ug/l	93
16) Acetone	2.34	43	7879	8.098	ug/l	97
18) Methyl Acetate	2.48	43	2261	Below Cal	#	60
52) Toluene	7.80	92	541	Below Cal		87
68) m/p-Xylenes	10.29	106	1169	Below Cal		75
95) Naphthalene	14.54	128	3444	2.631	ug/l #	89

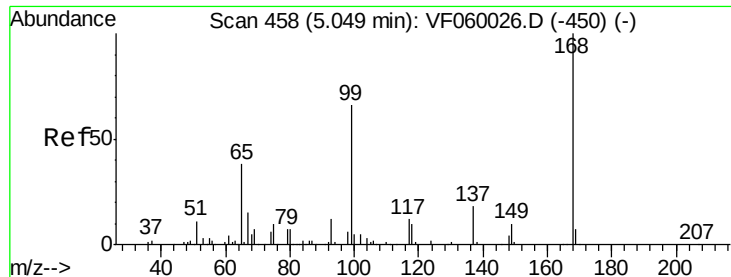
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
Data File : VF060041.D
Acq On : 22 Aug 2018 15:45
Operator : VA/AP
Sample : J4524-01RE
Misc : 5.02g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
Y-1802RE

Quant Time: Aug 23 04:26:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

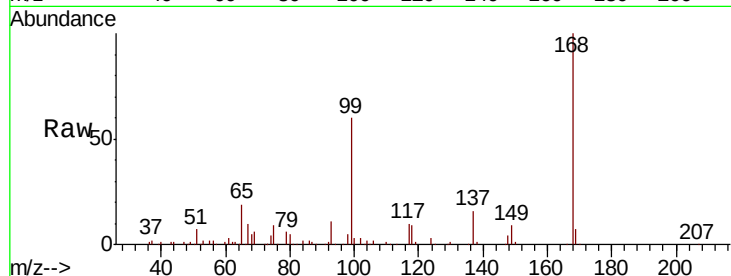
Y-1802RE

Tgt Ion:168 Resp: 270495

Ion Ratio Lower Upper

168 100

99 60.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

100000

80000

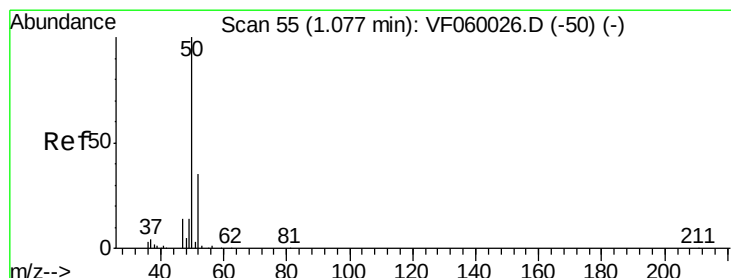
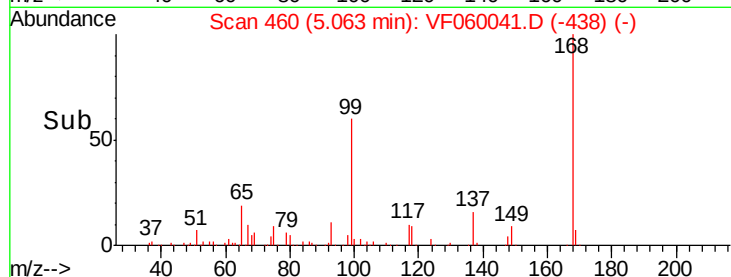
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF060041.D

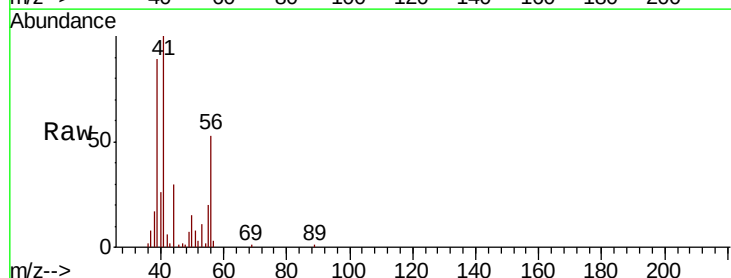
Acq: 22 Aug 2018 15:45

Tgt Ion: 50 Resp: 2762

Ion Ratio Lower Upper

50 100

52 22.4 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

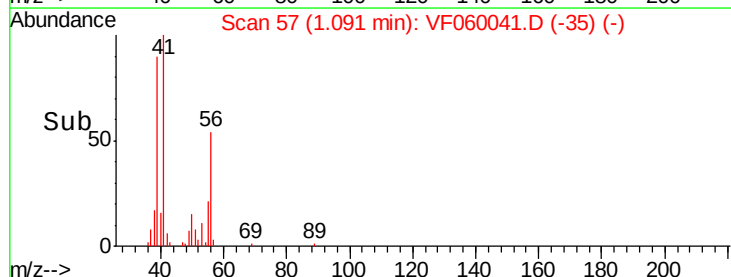
1500

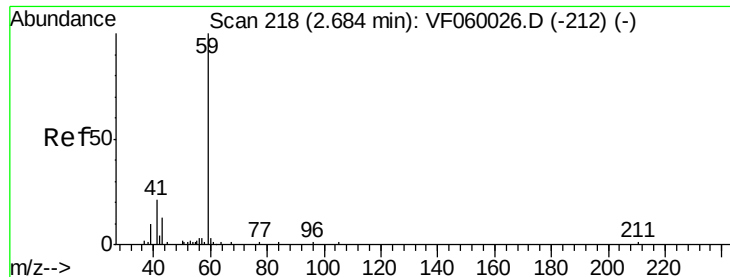
1000

500

0

Time-->



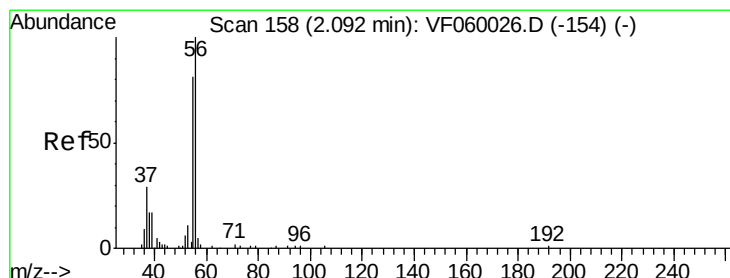
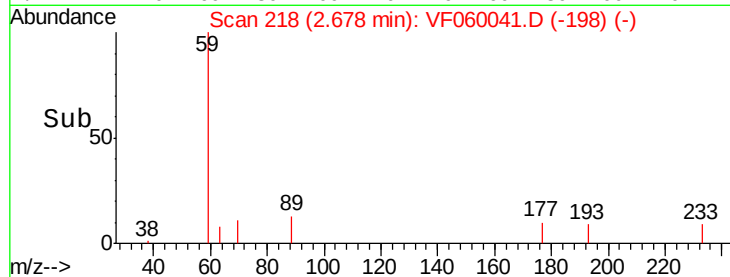
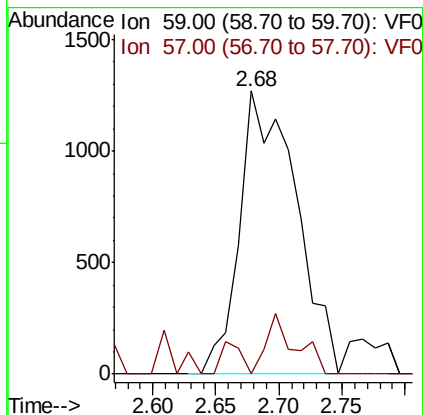
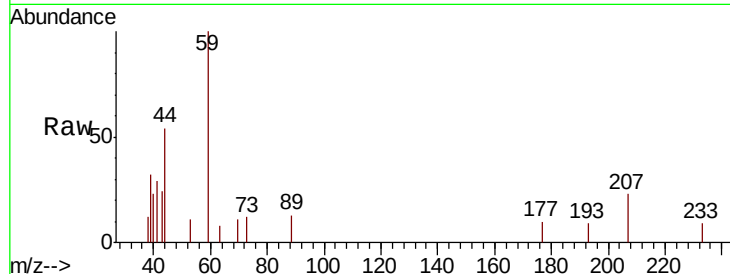


#11

Tert butyl alcohol
 Concen: 20.016 ug/l
 RT: 2.68 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VF060041.D
 Acq: 22 Aug 2018 15:45

Instrument :
 MSVOA_F
 ClientSampleId :
 Y-1802RE

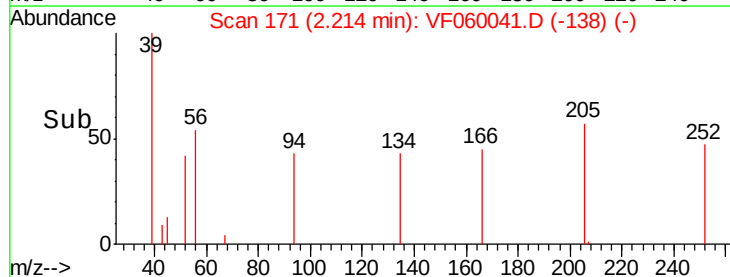
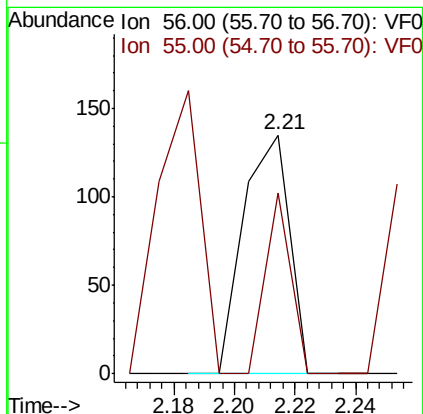
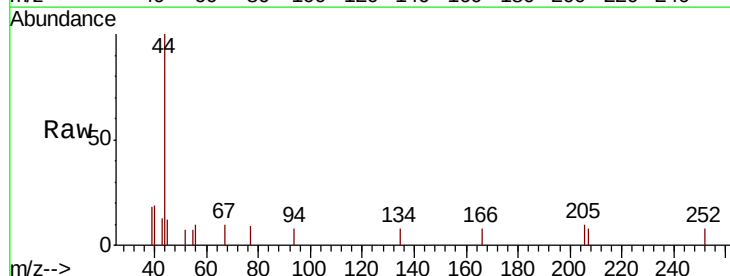
Tgt Ion: 59 Resp: 3942
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.4 8.2#

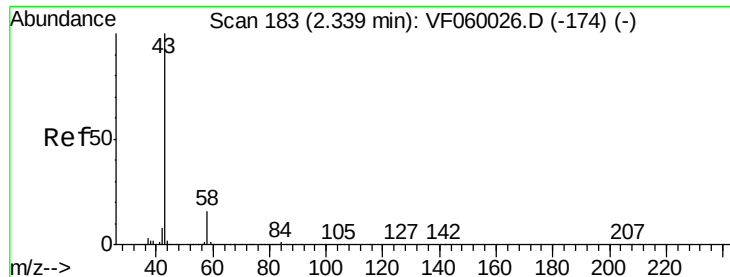


#13

Acrolein
 Concen: 27.394 ug/l
 RT: 2.21 min Scan# 171
 Delta R.T. 0.12 min
 Lab File: VF060041.D
 Acq: 22 Aug 2018 15:45

Tgt Ion: 56 Resp: 144
 Ion Ratio Lower Upper
 56 100
 55 75.6 65.6 98.4





#16

Acetone

Concen: 8.098 ug/l

RT: 2.34 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

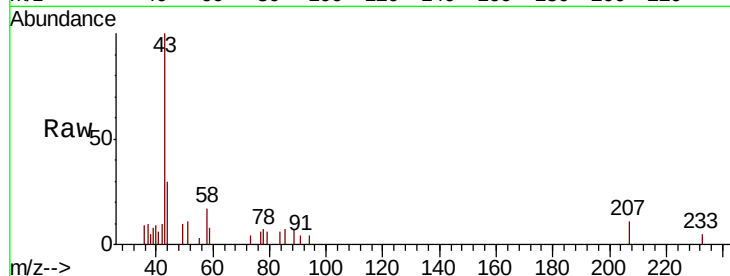
Y-1802RE

Tgt Ion: 43 Resp: 7879

Ion Ratio Lower Upper

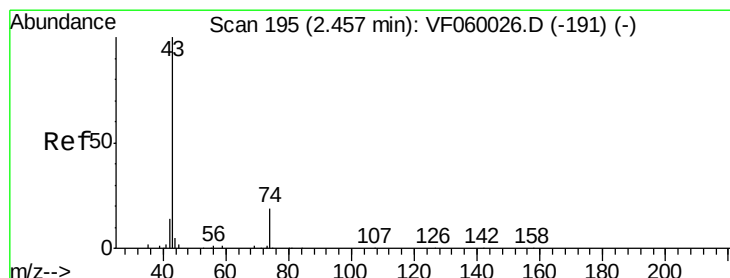
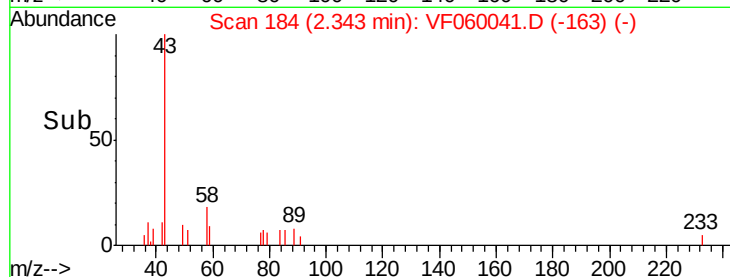
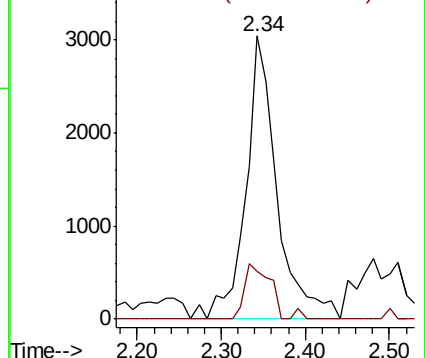
43 100

58 16.9 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.48 min Scan# 198

Delta R.T. 0.02 min

Lab File: VF060041.D

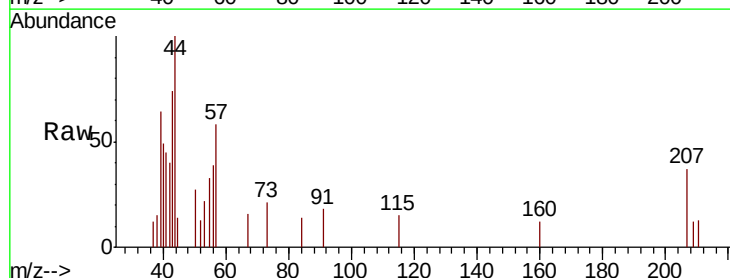
Acq: 22 Aug 2018 15:45

Tgt Ion: 43 Resp: 2261

Ion Ratio Lower Upper

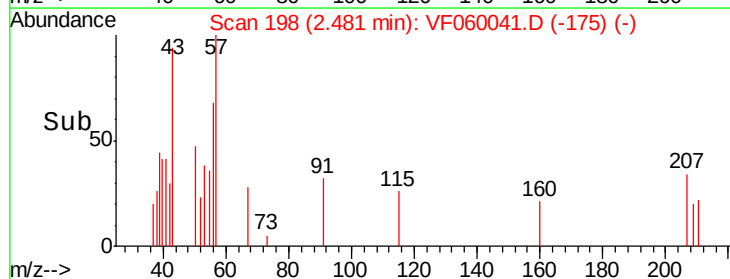
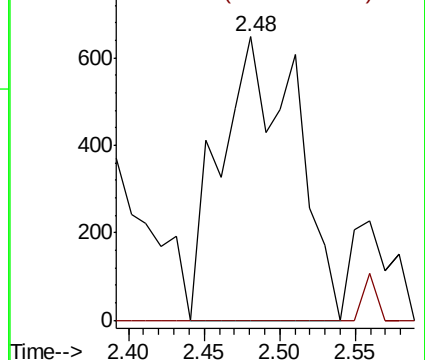
43 100

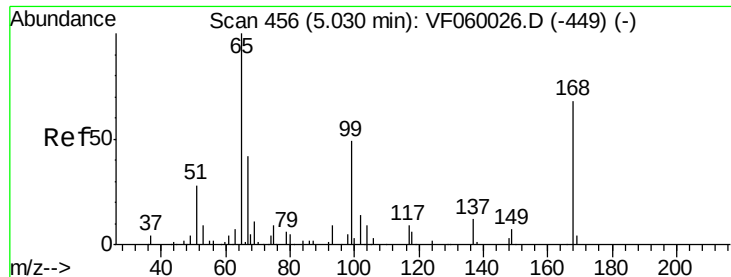
74 0.0 13.8 20.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 38.993 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

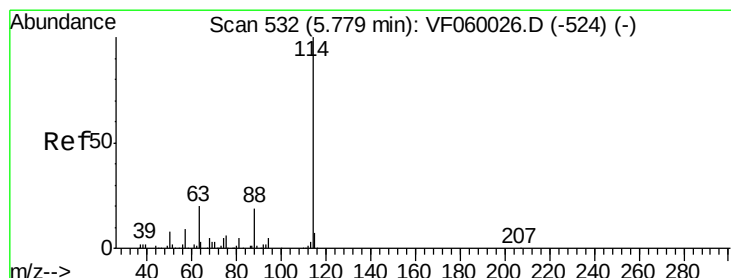
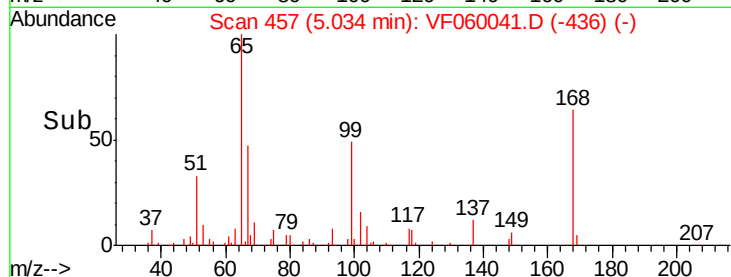
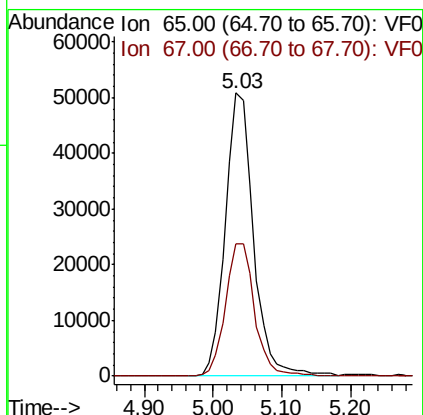
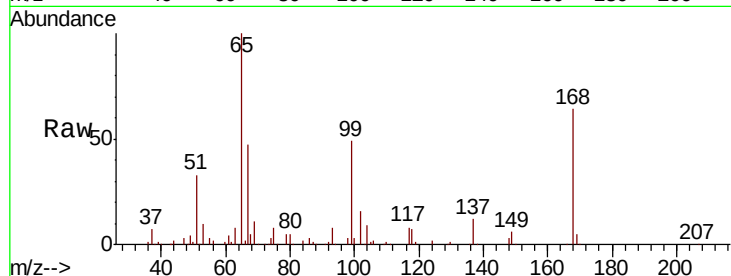
Y-1802RE

Tgt Ion: 65 Resp: 144356

Ion Ratio Lower Upper

65 100

67 46.7 0.0 92.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

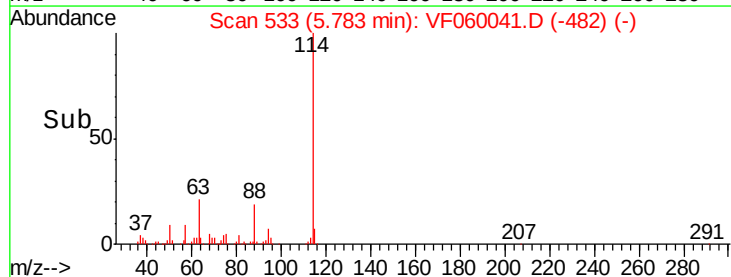
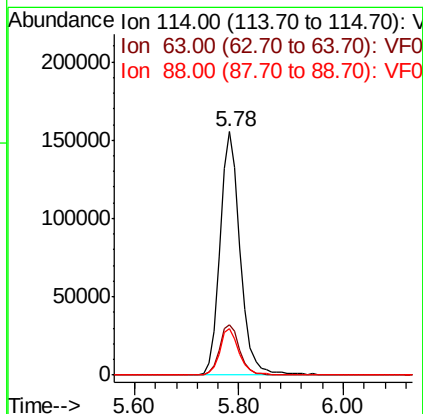
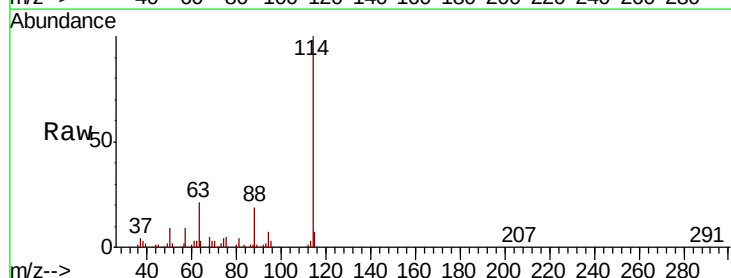
Tgt Ion: 114 Resp: 415674

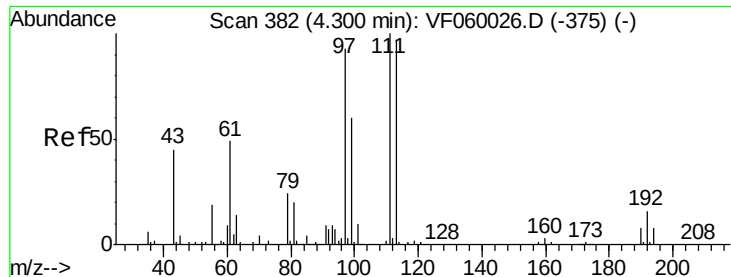
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 18.9 0.0 38.6

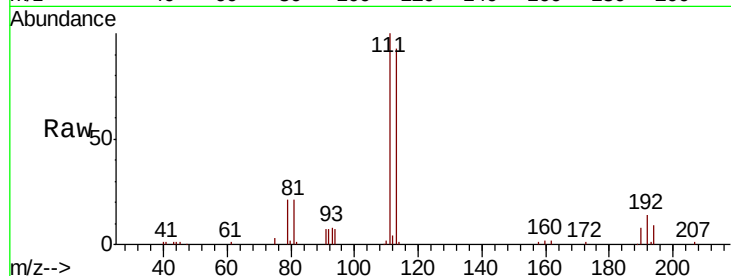




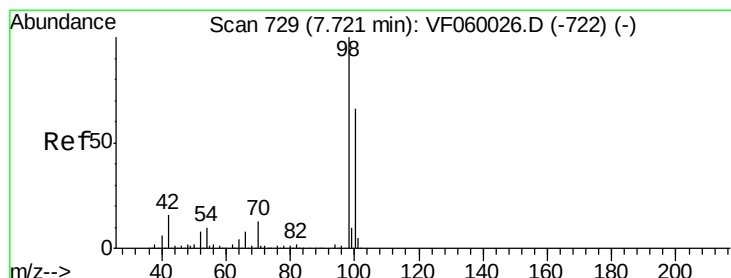
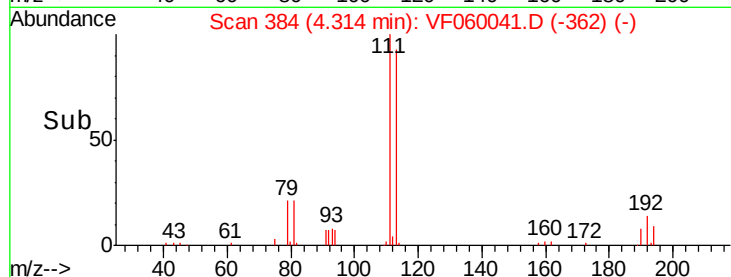
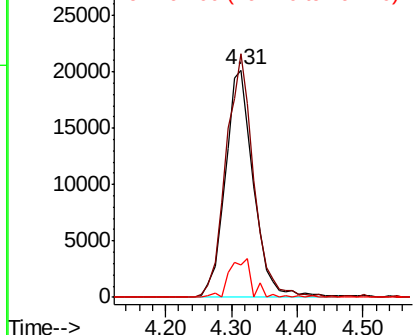
#35
 Dibromofluoromethane
 Concen: 18.552 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF060041.D
 Acq: 22 Aug 2018 15:45

Instrument :
 MSVOA_F
 ClientSampleId :
 Y-1802RE

Tgt Ion:113 Resp: 60555
 Ion Ratio Lower Upper
 113 100
 111 107.2 82.7 124.1
 192 14.5 13.0 19.4

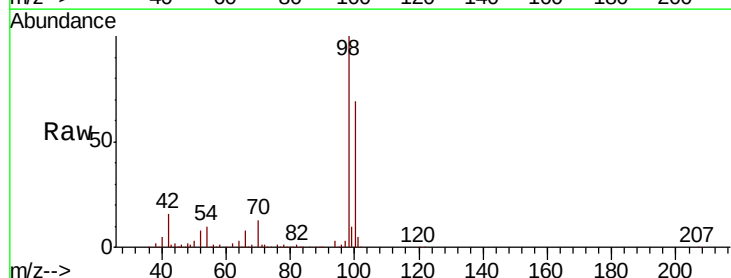


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

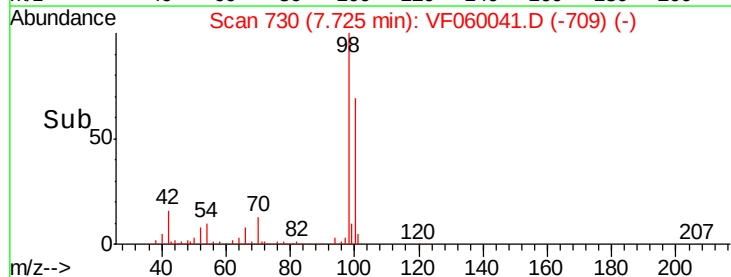
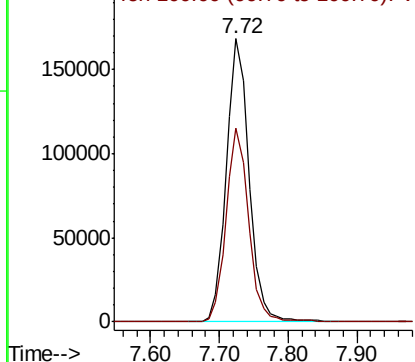


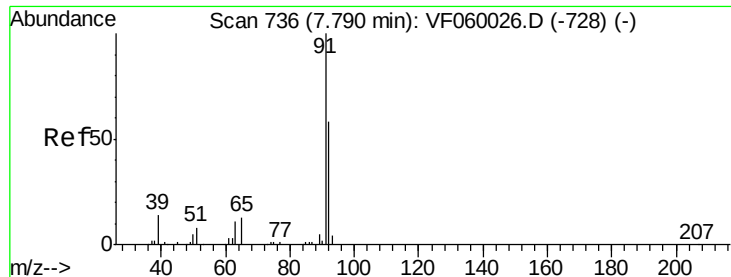
#50
 Toluene-d8
 Concen: 41.656 ug/l
 RT: 7.72 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VF060041.D
 Acq: 22 Aug 2018 15:45

Tgt Ion: 98 Resp: 386147
 Ion Ratio Lower Upper
 98 100
 100 68.7 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: Below Cal

RT: 7.80 min Scan# 738

Delta R.T. 0.01 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

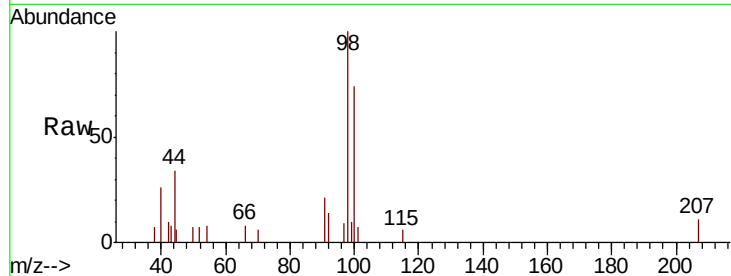
Y-1802RE

Tgt Ion: 92 Resp: 541

Ion Ratio Lower Upper

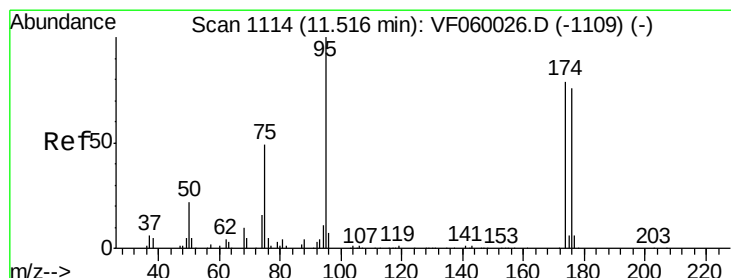
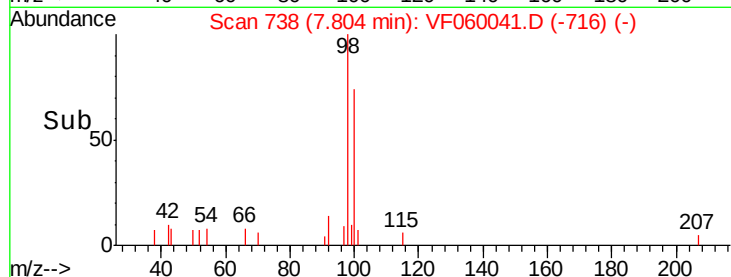
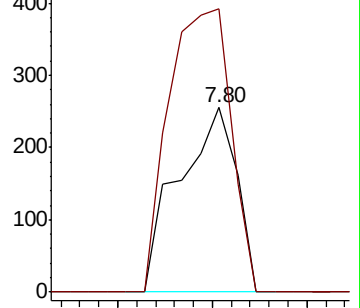
92 100

91 153.7 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 39.909 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

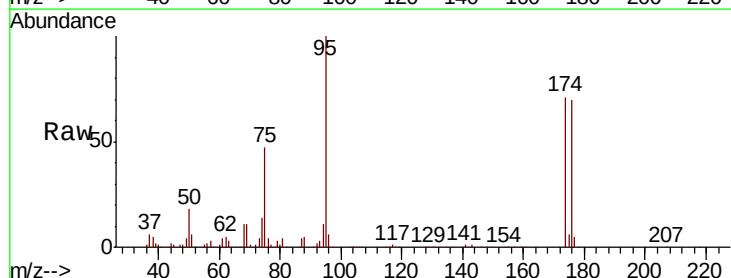
Tgt Ion: 95 Resp: 195711

Ion Ratio Lower Upper

95 100

174 70.7 0.0 158.4

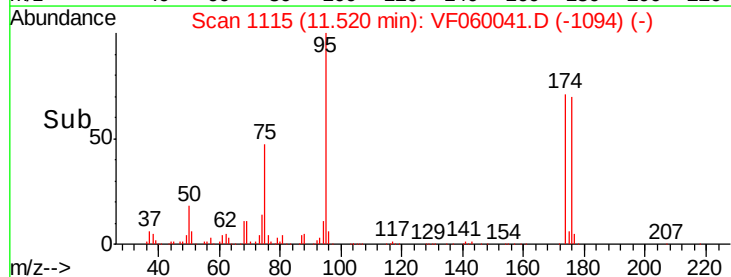
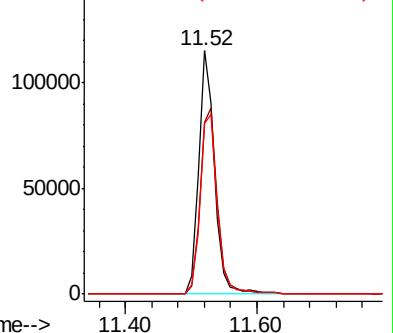
176 70.1 0.0 153.0

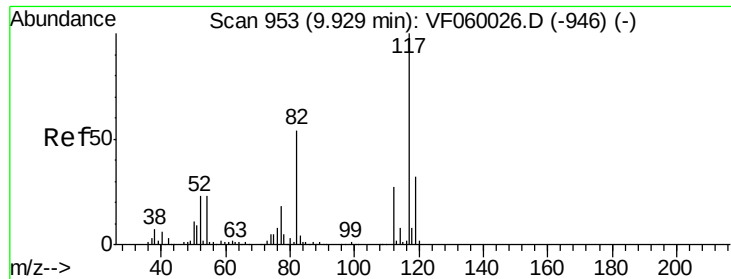


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

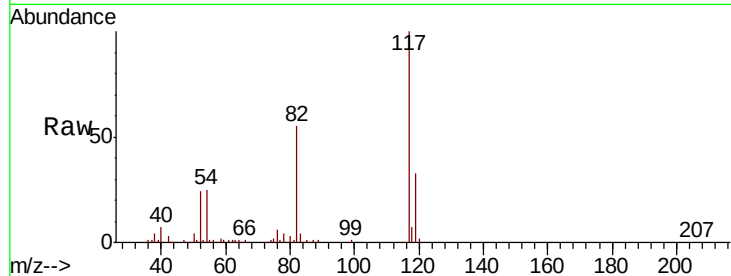




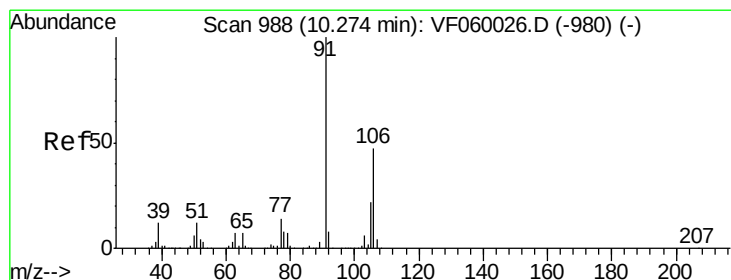
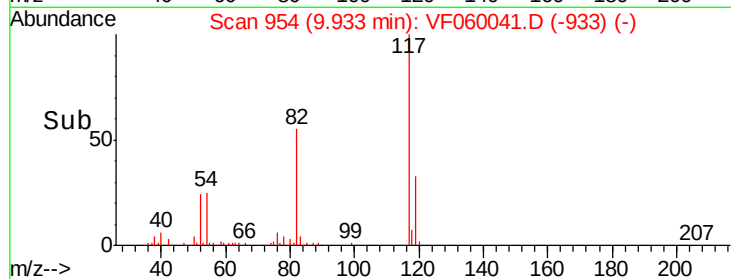
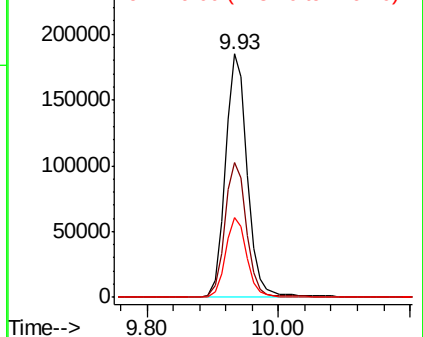
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.00 min
Lab File: VF060041.D
Acq: 22 Aug 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
Y-1802RE

Tgt Ion:117 Resp: 431063
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 32.8 25.6 38.4

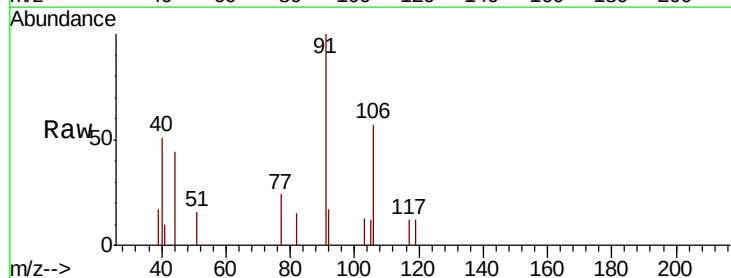


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

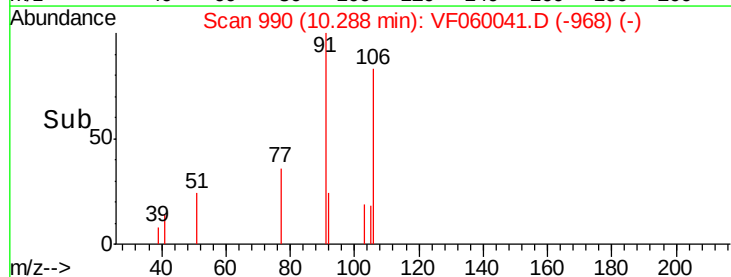
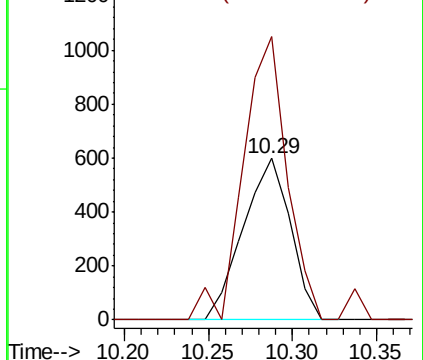


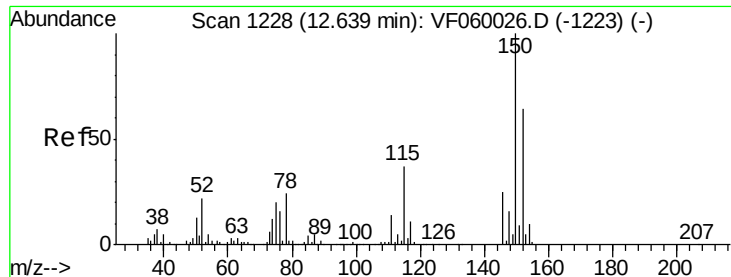
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.29 min Scan# 990
Delta R.T. 0.01 min
Lab File: VF060041.D
Acq: 22 Aug 2018 15:45

Tgt Ion:106 Resp: 1169
Ion Ratio Lower Upper
106 100
91 175.4 171.8 257.8



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

Instrument :

MSVOA_F

ClientSampleId :

Y-1802RE

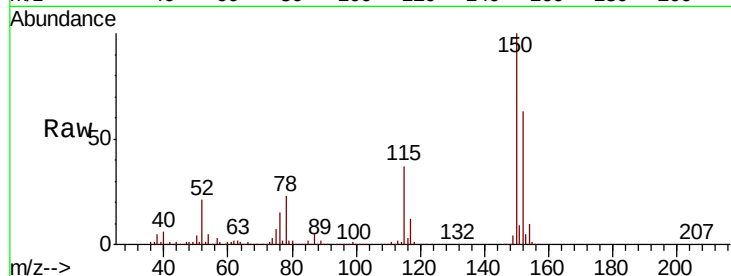
Tgt Ion:152 Resp: 256395

Ion Ratio Lower Upper

152 100

115 59.4 28.6 85.9

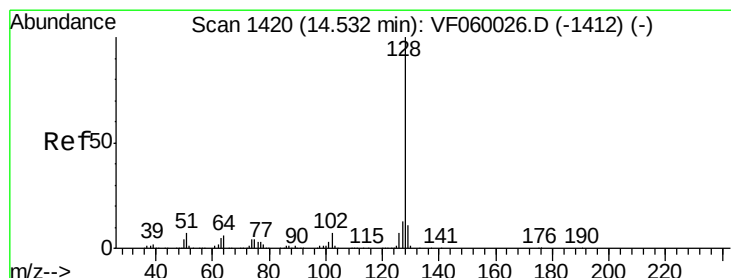
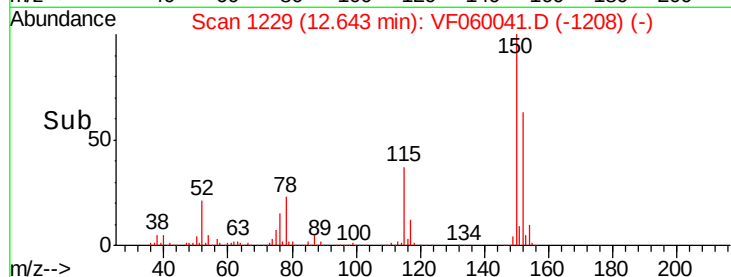
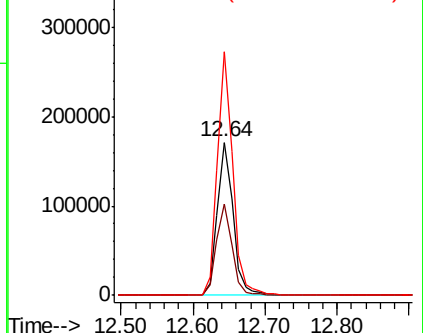
150 159.3 0.0 312.0



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



#95

Naphthalene

Concen: 2.631 ug/l

RT: 14.54 min Scan# 1421

Delta R.T. 0.01 min

Lab File: VF060041.D

Acq: 22 Aug 2018 15:45

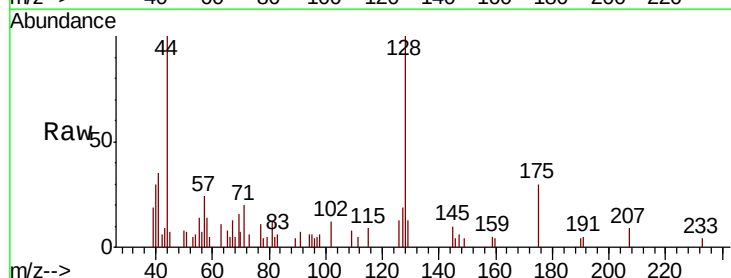
Tgt Ion:128 Resp: 3444

Ion Ratio Lower Upper

128 100

127 19.5 10.4 15.6#

129 12.6 8.5 12.7



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

