

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
 Data File : VF060042.D
 Acq On : 22 Aug 2018 16:13
 Operator : VA/AP
 Sample : J4275-13RE
 Misc : 6.43g/5mL/MSVOA_F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-082018-C

Quant Time: Aug 23 04:26:17 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	236576	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.79	114	362833	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.94	117	348079	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.65	152	163857	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	166536	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	4.31	113	149998	52.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	7.73	98	381123	47.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.53	95	175475	40.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.98%	

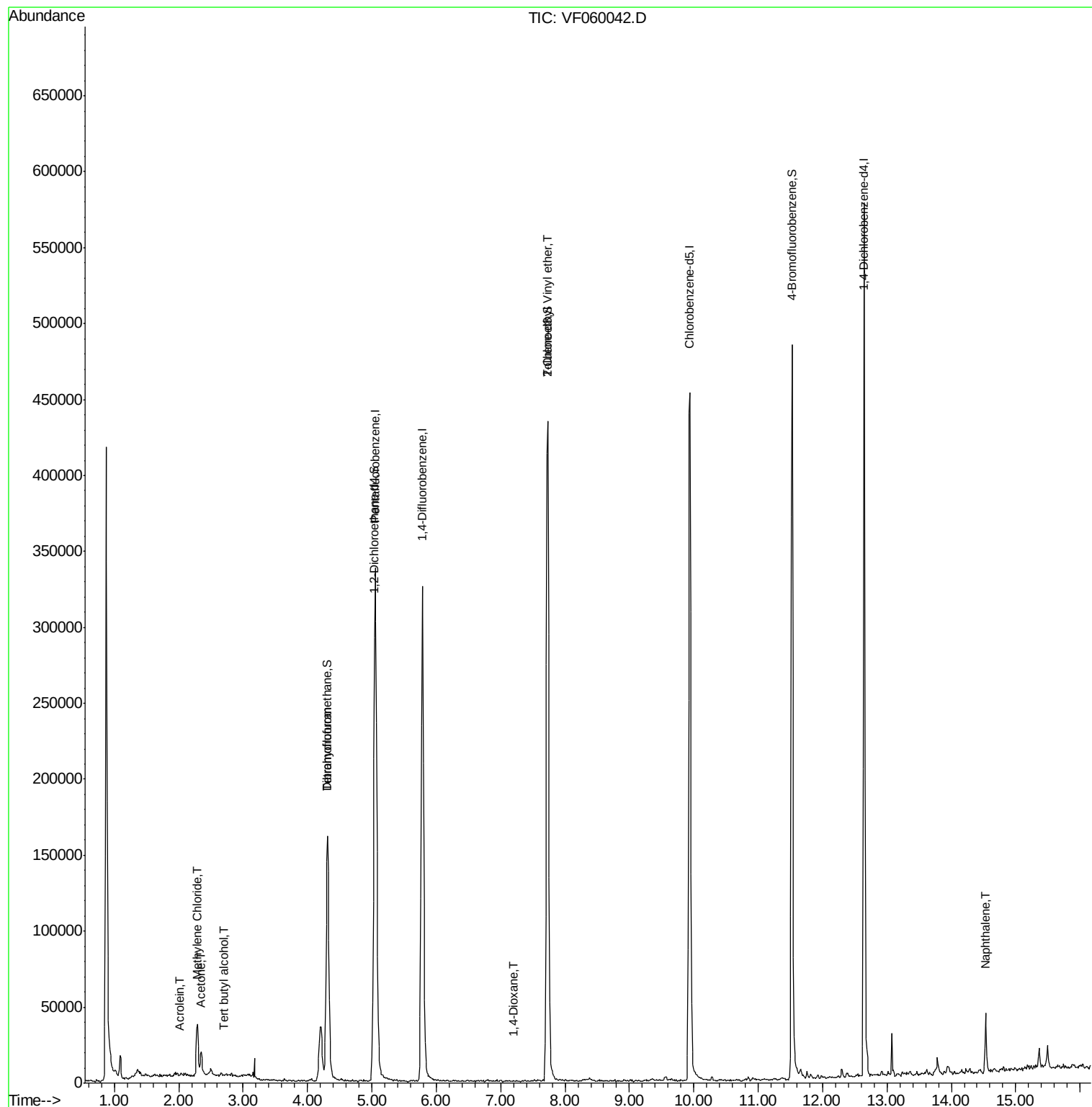
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.09	50	1890	Below Cal	#	75
11) Tert butyl alcohol	2.70	59	578	3.356	ug/l #	80
13) Acrolein	2.01	56	198	28.007	ug/l	84
16) Acetone	2.35	43	21613	25.398	ug/l	96
18) Methyl Acetate	2.43	43	719	Below Cal	#	91
20) Methylene Chloride	2.29	84	14416	3.873	ug/l	97
29) Tetrahydrofuran	4.31	42	421	1.009	ug/l #	37
49) 1,4-Dioxane	7.21	88	66	4.048	ug/l #	35
52) Toluene	7.81	92	316	Below Cal	#	45
58) 2-Chloroethyl Vinyl ether	7.73	63	371	1.921	ug/l	100
68) m/p-Xylenes	10.27	106	780	Below Cal	#	45
95) Naphthalene	14.53	128	27145	6.537	ug/l	97

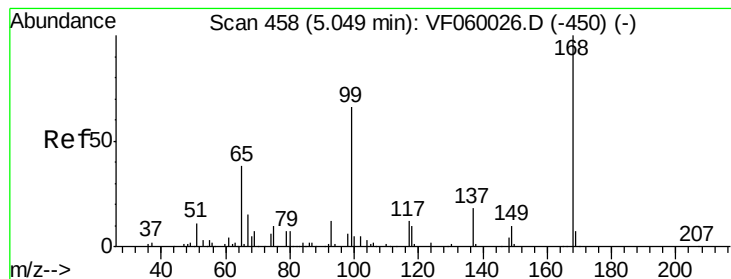
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF082218\
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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# 459

Delta R.T. 0.01 min

Lab File: VF060042.D

Acq: 22 Aug 2018 16:13

Instrument :

MSVOA_F

ClientSampleId :

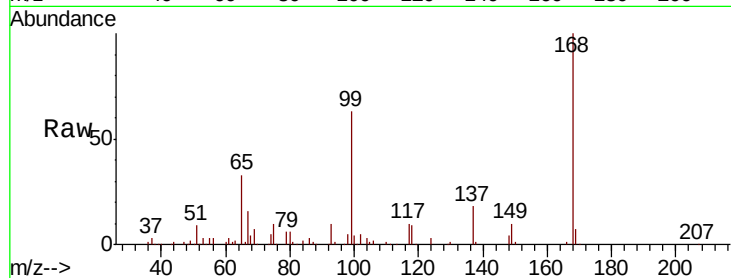
CL-01-082018-C

Tgt Ion:168 Resp: 236576

Ion Ratio Lower Upper

168 100

99 63.4 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

80000

60000

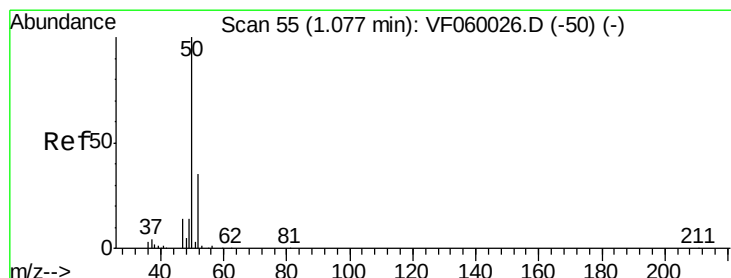
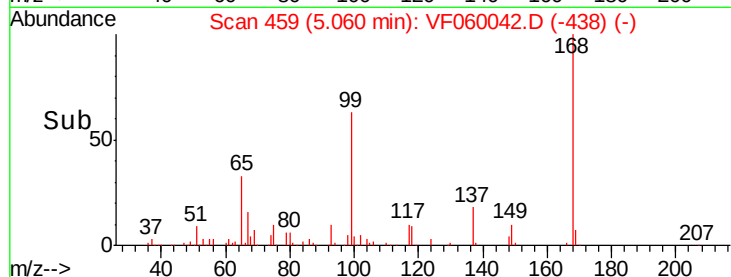
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#3

Chloromethane

Concen: Below Cal

RT: 1.09 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060042.D

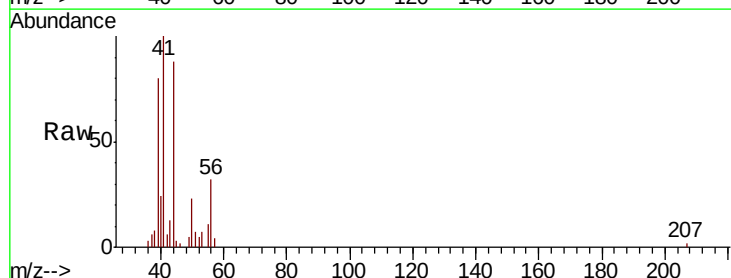
Acq: 22 Aug 2018 16:13

Tgt Ion: 50 Resp: 1890

Ion Ratio Lower Upper

50 100

52 19.8 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

1000

800

600

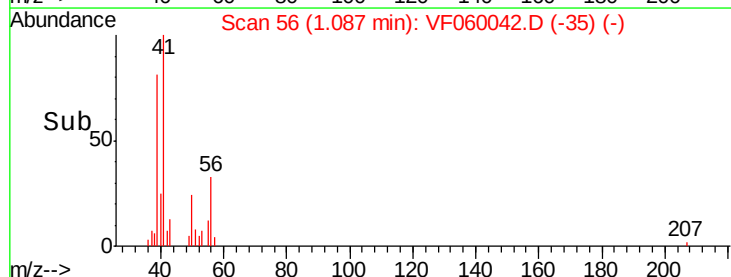
400

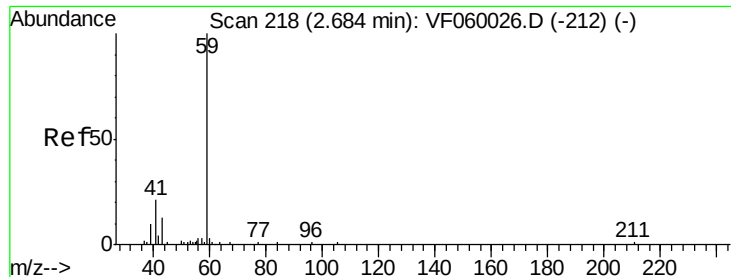
200

0

Time-->

1.05 1.10 1.15



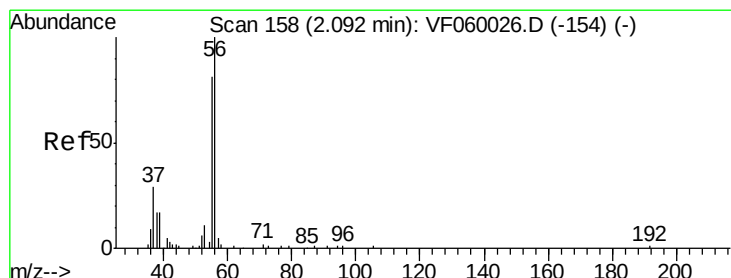
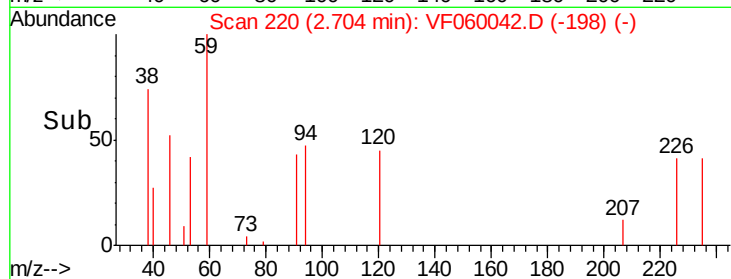
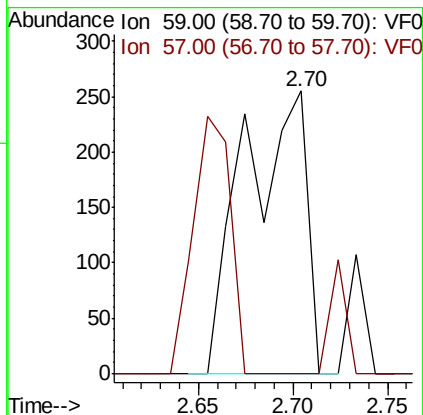
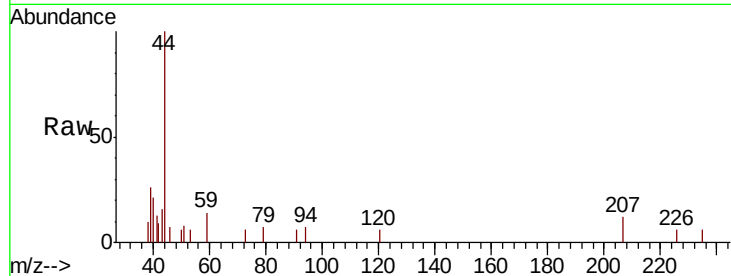


#11

Tert butyl alcohol
 Concen: 3.356 ug/l
 RT: 2.70 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-082018-C

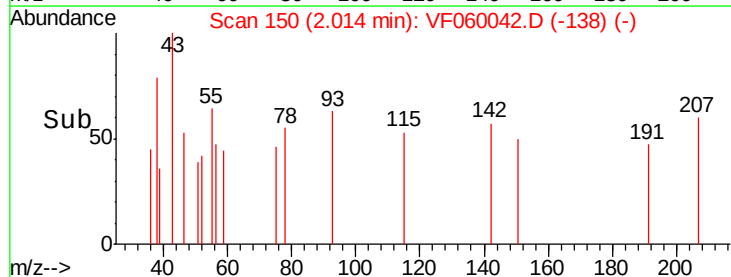
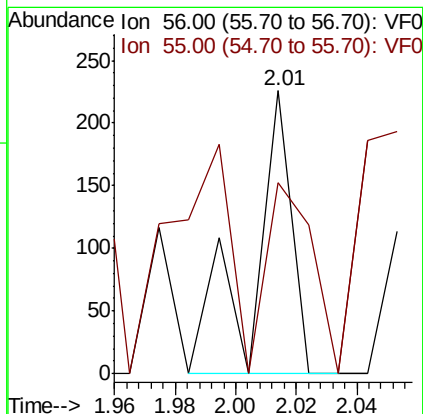
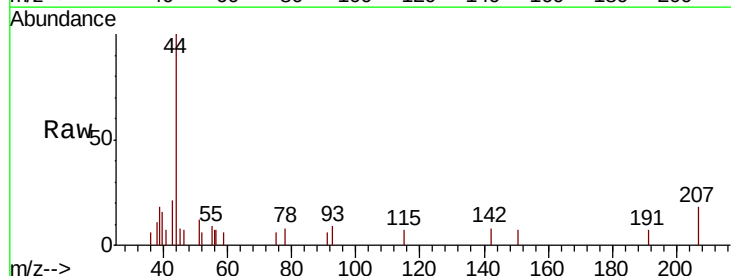
Tgt Ion: 59 Resp: 578
 Ion Ratio Lower Upper
 59 100
 57 0.0 5.4 8.2#

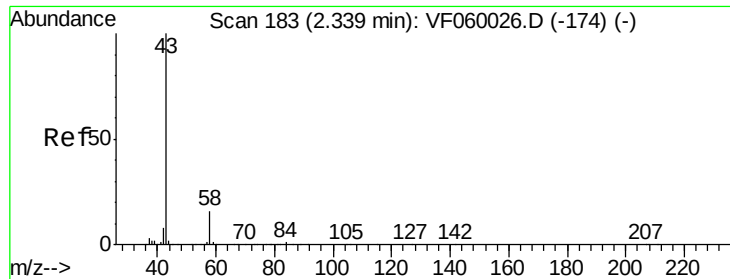


#13

Acrolein
 Concen: 28.007 ug/l
 RT: 2.01 min Scan# 150
 Delta R.T. -0.08 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Tgt Ion: 56 Resp: 198
 Ion Ratio Lower Upper
 56 100
 55 67.3 65.6 98.4





#16

Acetone

Concen: 25.398 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF060042.D

Acq: 22 Aug 2018 16:13

Instrument :

MSVOA_F

ClientSampleId :

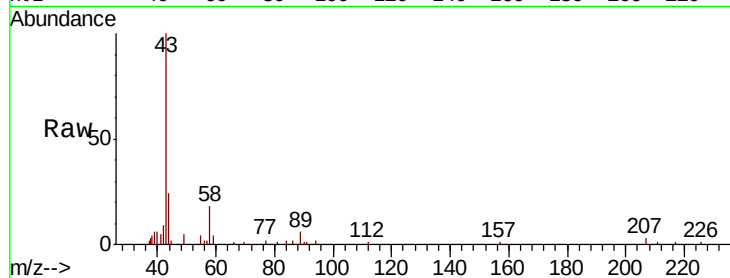
CL-01-082018-C

Tgt Ion: 43 Resp: 21613

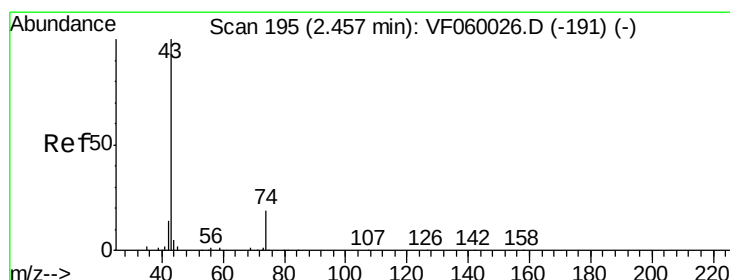
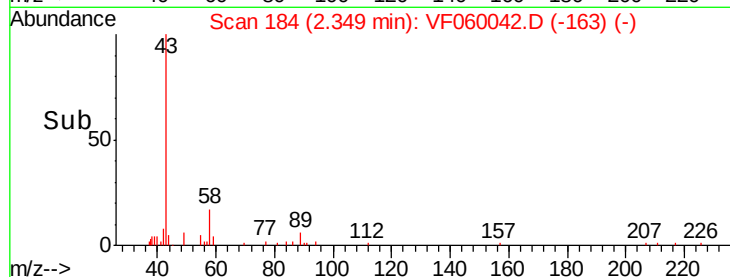
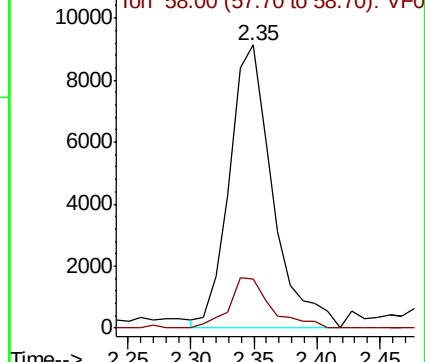
Ion Ratio Lower Upper

43 100

58 17.6 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.43 min Scan# 192

Delta R.T. -0.03 min

Lab File: VF060042.D

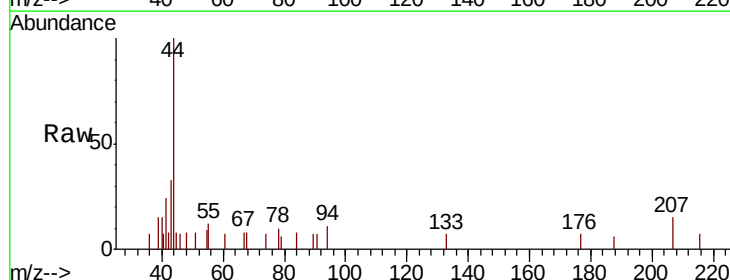
Acq: 22 Aug 2018 16:13

Tgt Ion: 43 Resp: 719

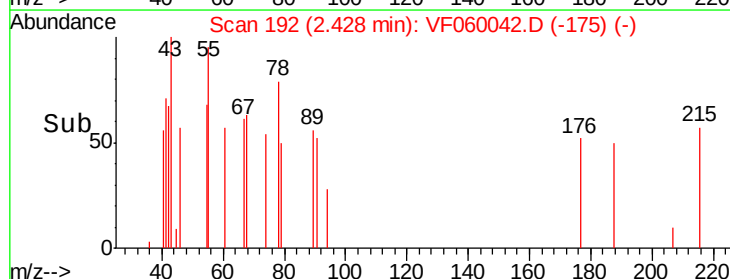
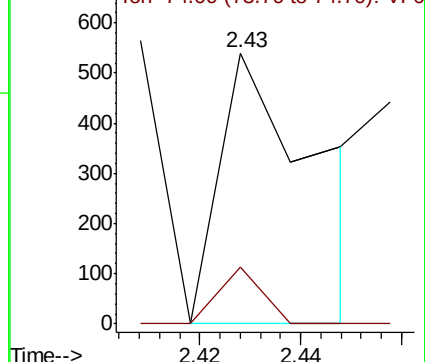
Ion Ratio Lower Upper

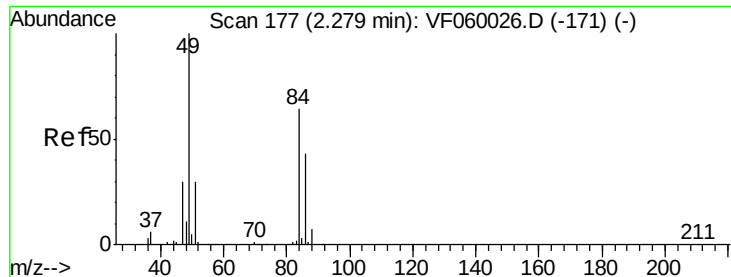
43 100

74 20.9 13.8 20.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

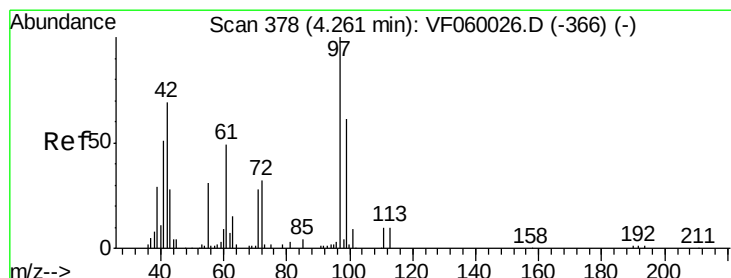
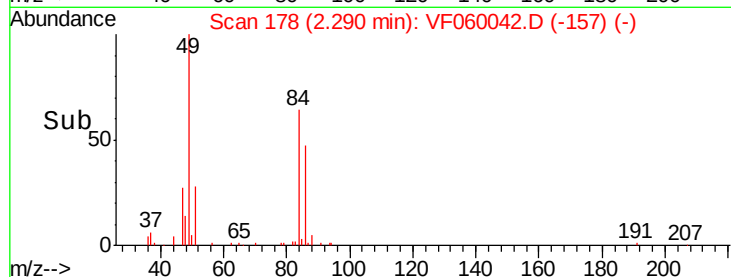
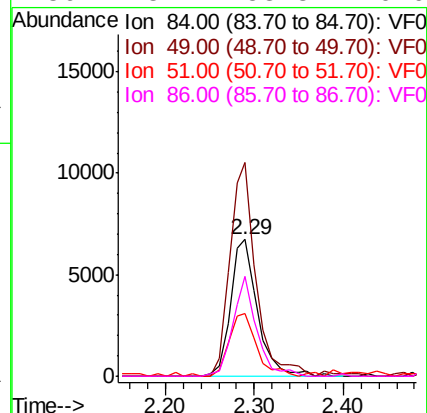
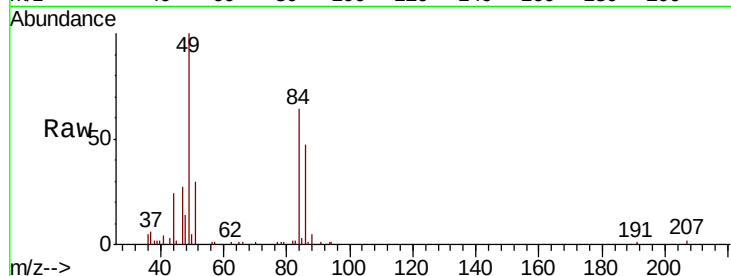




#20
Methylene Chloride
Concen: 3.873 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

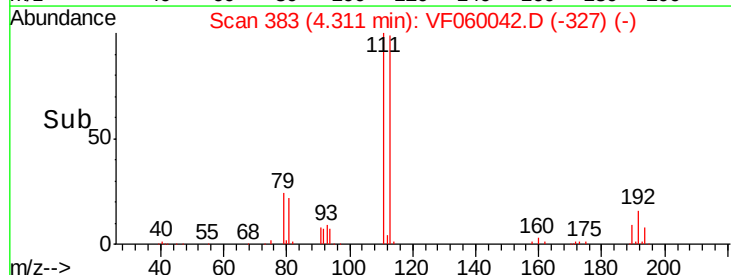
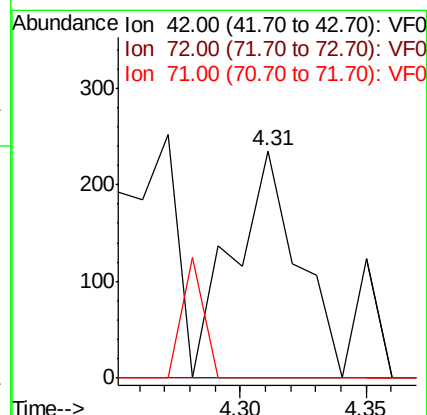
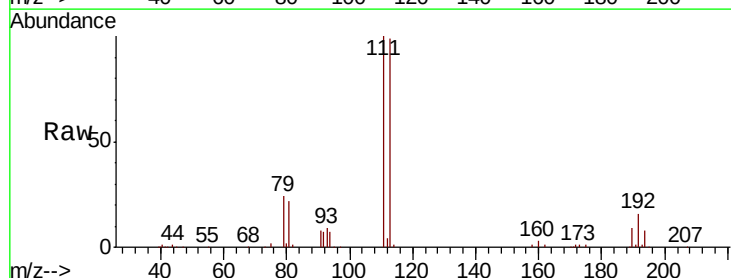
Instrument :
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CL-01-082018-C

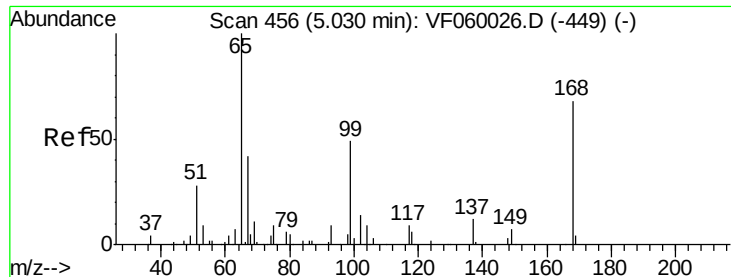
Tgt Ion: 84 Resp: 14416
Ion Ratio Lower Upper
84 100
49 156.4 125.4 188.0
51 46.2 38.3 57.5
86 73.1 53.3 79.9



#29
Tetrahydrofuran
Concen: 1.009 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.05 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion: 42 Resp: 421
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.2#
71 0.0 29.7 44.5#

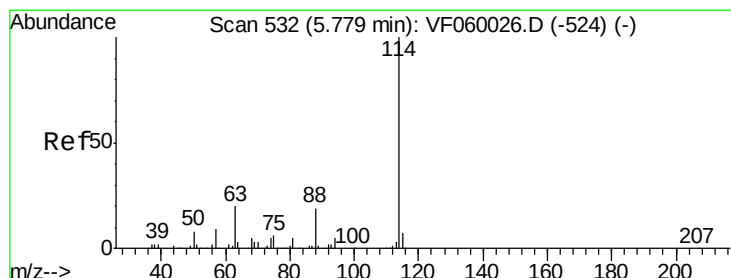
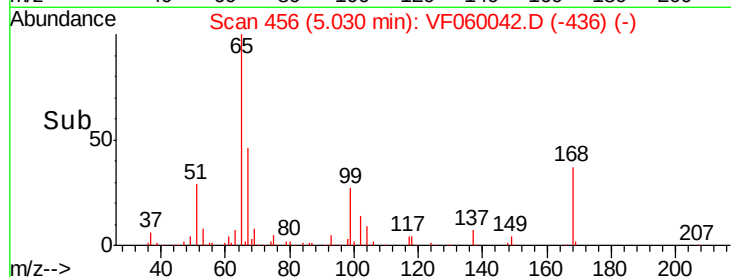
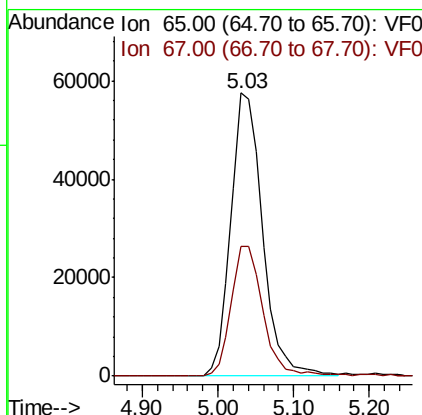
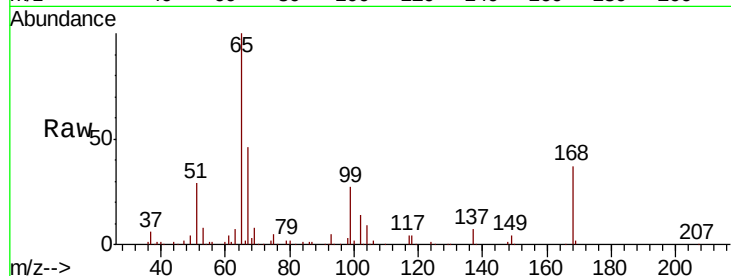




#33
 1,2-Dichloroethane-d4
 Concen: 51.434 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

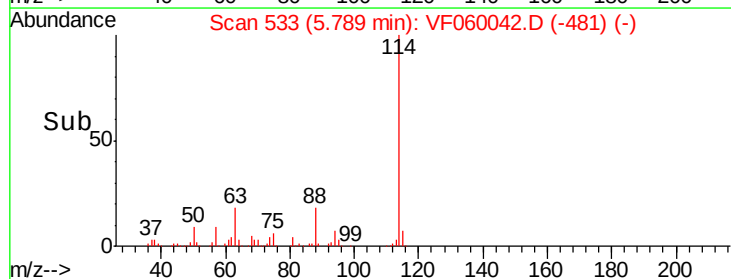
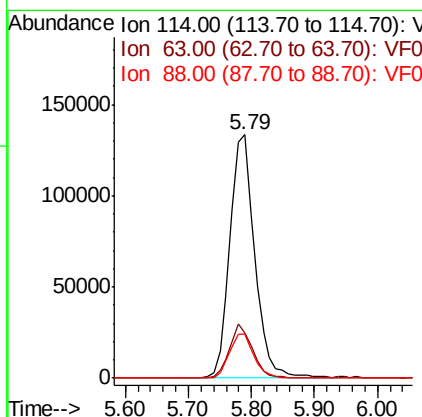
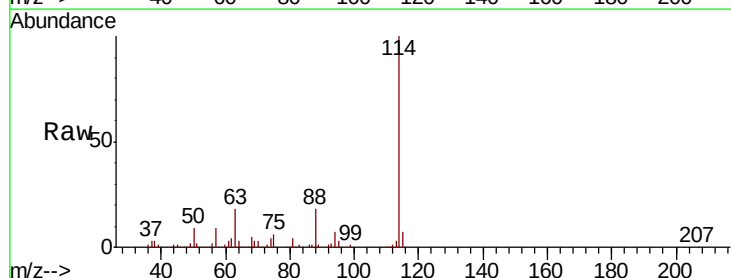
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 ClientSampleId :
 CL-01-082018-C

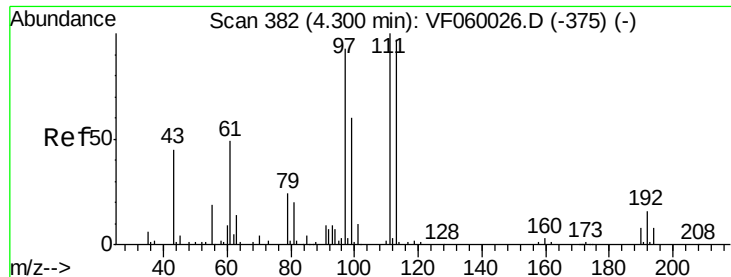
Tgt Ion: 65 Resp: 166536
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Tgt Ion: 114 Resp: 362833
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.4
 88 17.8 0.0 38.6

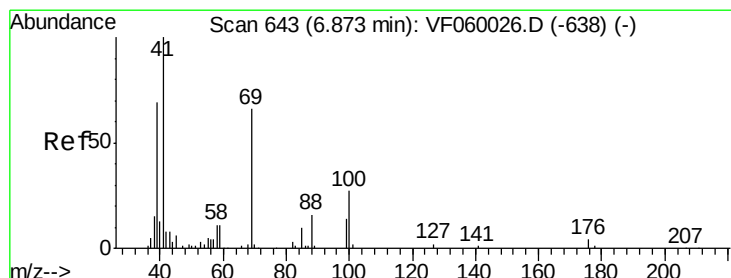
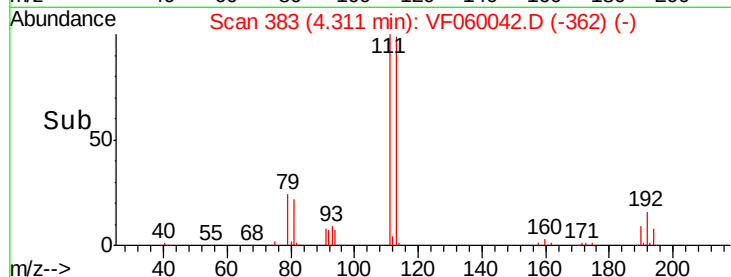
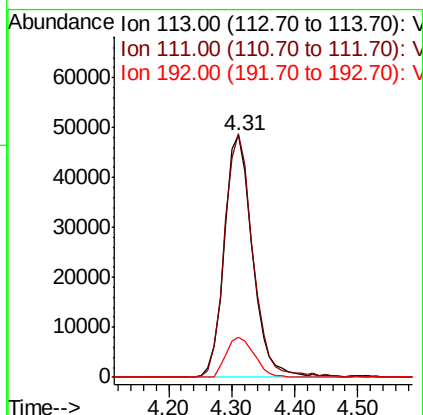
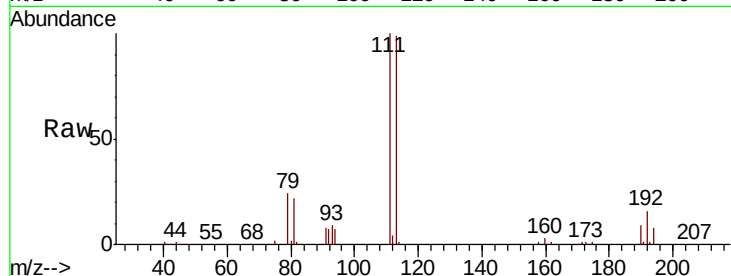




#35
 Dibromofluoromethane
 Concen: 52.647 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

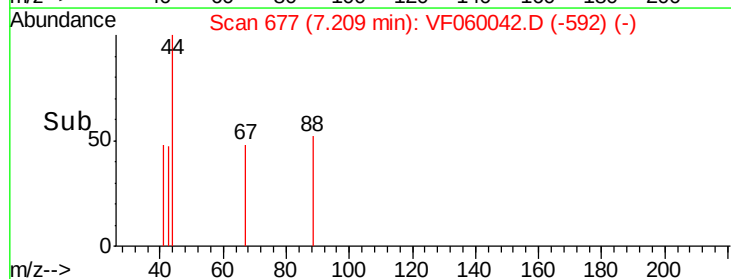
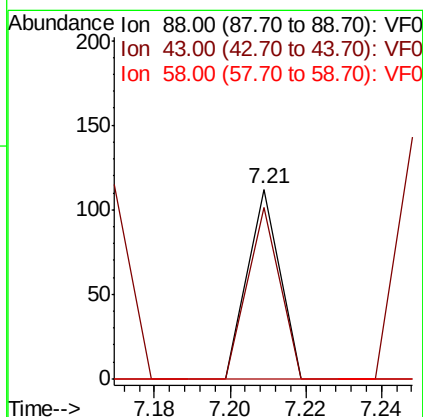
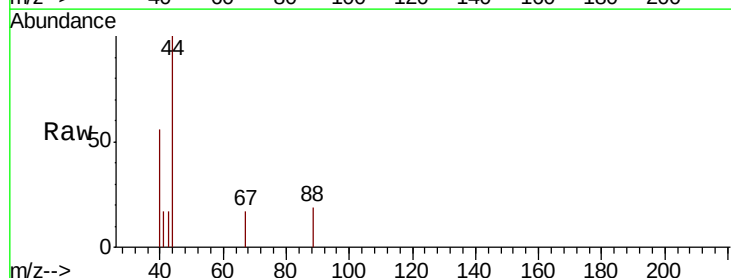
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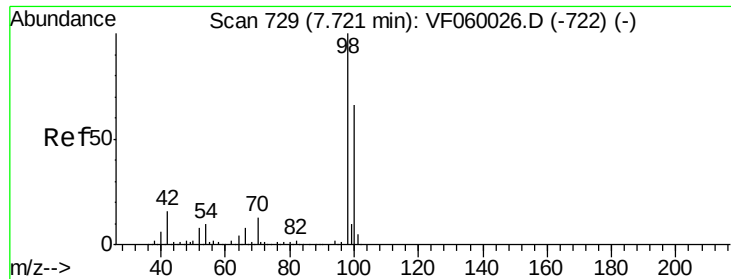
Tgt Ion:113 Resp: 149998
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.7 124.1
 192 16.4 13.0 19.4



#49
 1,4-Dioxane
 Concen: 4.048 ug/l
 RT: 7.21 min Scan# 677
 Delta R.T. 0.34 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Tgt Ion: 88 Resp: 66
 Ion Ratio Lower Upper
 88 100
 43 90.2 46.5 69.7#
 58 0.0 54.8 82.2#

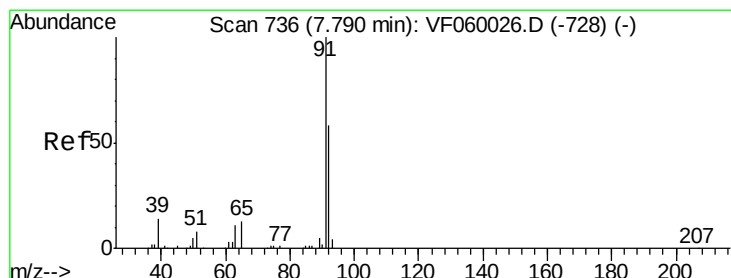
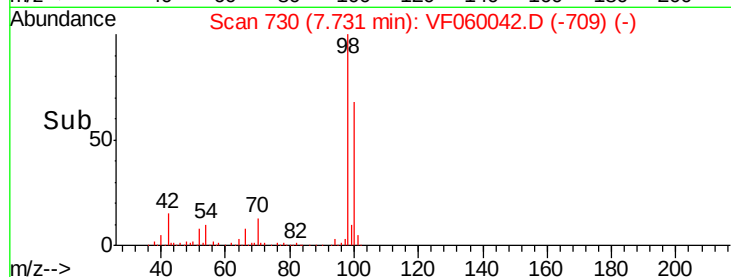
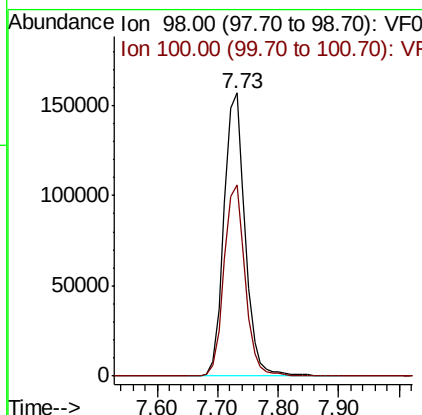
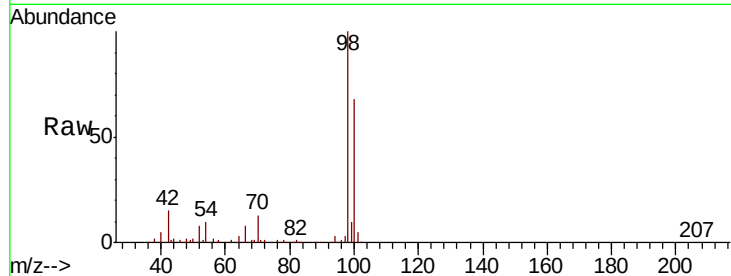




#50
Toluene-d8
Concen: 47.101 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

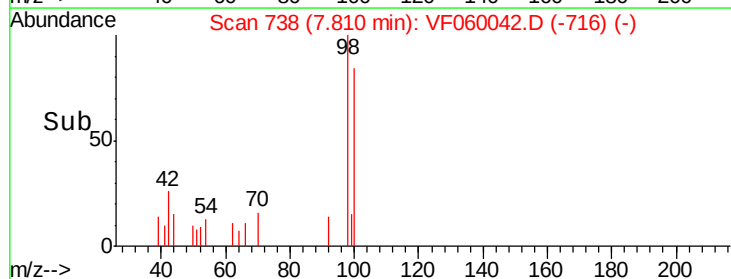
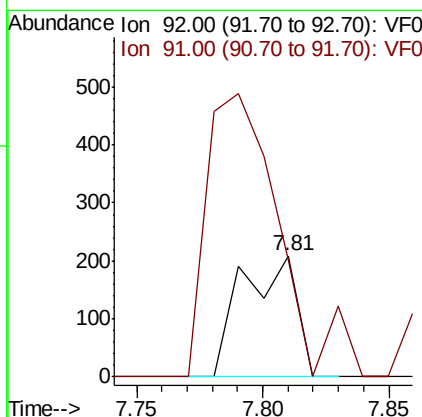
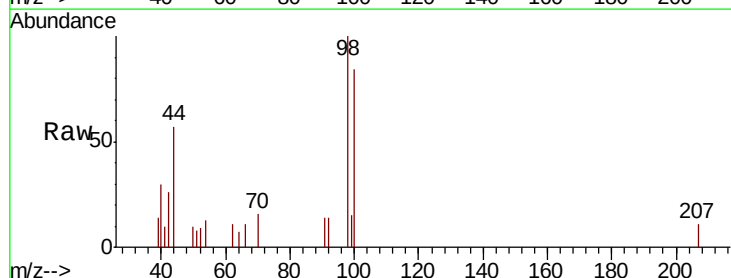
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ClientSampleId :
CL-01-082018-C

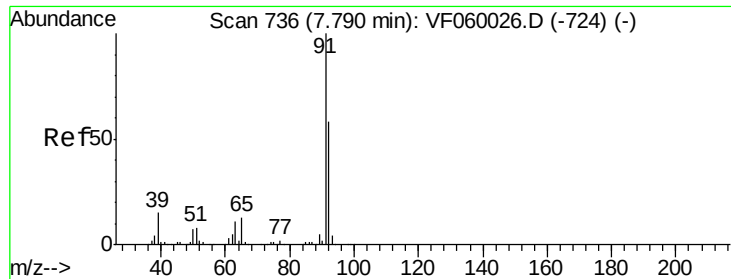
Tgt Ion: 98 Resp: 381123
Ion Ratio Lower Upper
98 100
100 67.7 53.2 79.8



#52
Toluene
Concen: Below Cal
RT: 7.81 min Scan# 738
Delta R.T. 0.02 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion: 92 Resp: 316
Ion Ratio Lower Upper
92 100
91 96.2 137.7 206.5#

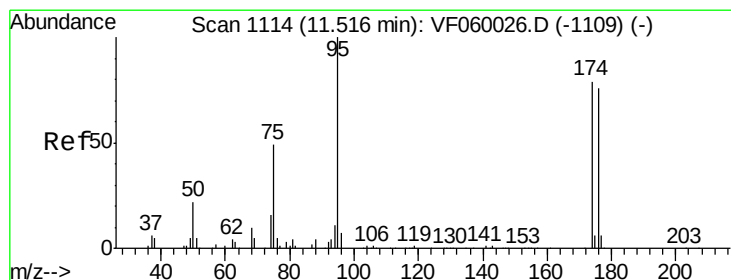
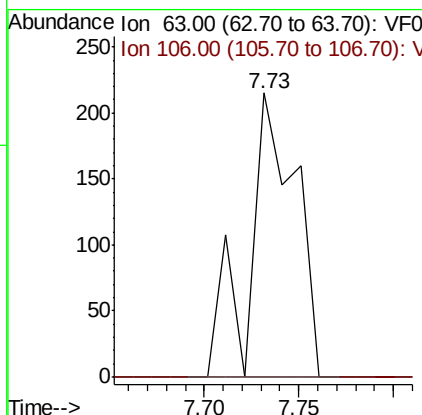
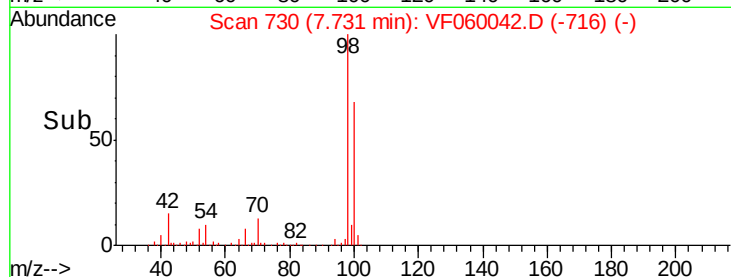
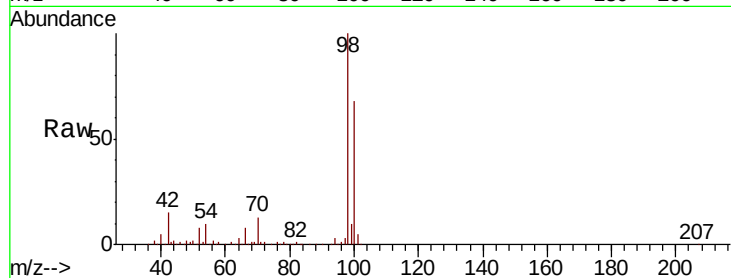




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.921 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. -0.06 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

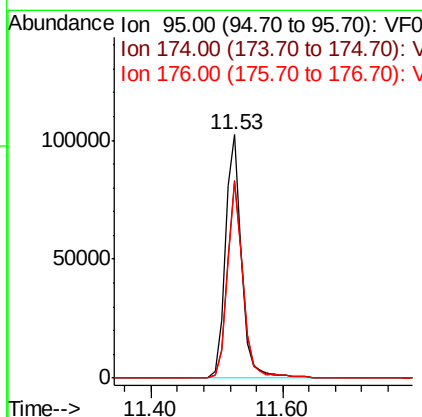
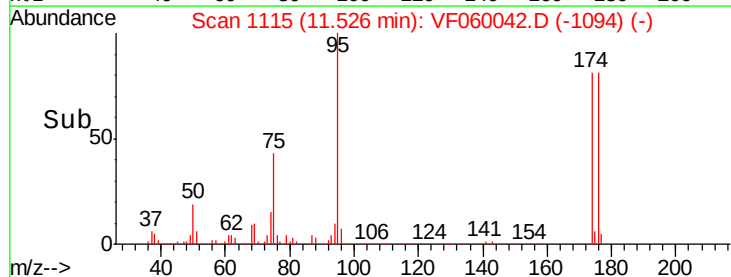
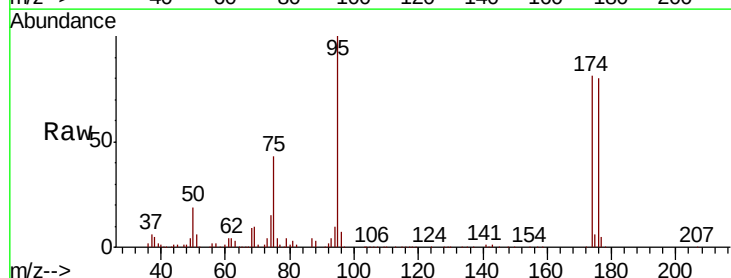
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-082018-C

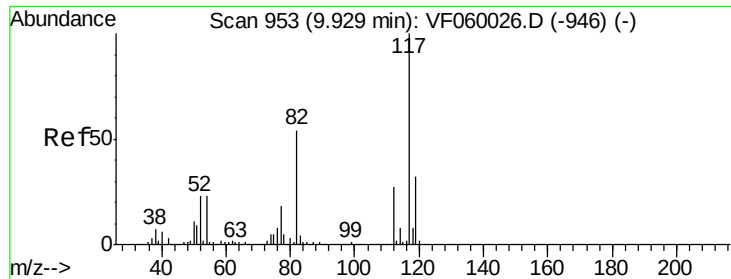
Tgt Ion: 63 Resp: 371
 Ion Ratio Lower Upper
 63 100
 106 0.0 0.0 0.0



#62
 4-Bromofluorobenzene
 Concen: 40.994 ug/l
 RT: 11.53 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Tgt Ion: 95 Resp: 175475
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 158.4
 176 80.5 0.0 153.0

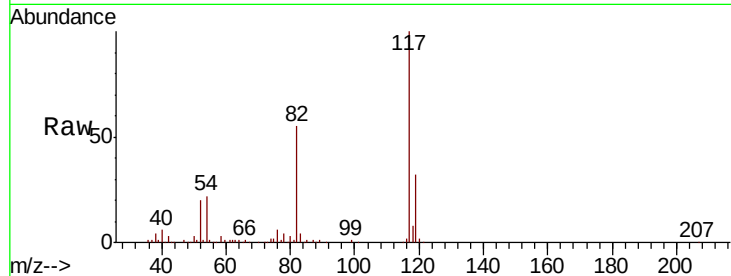




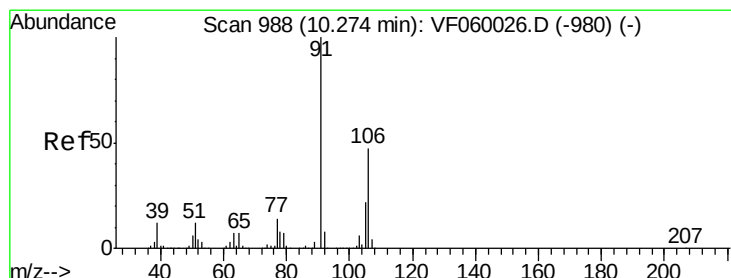
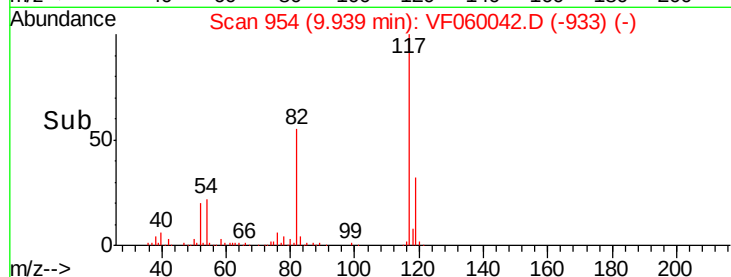
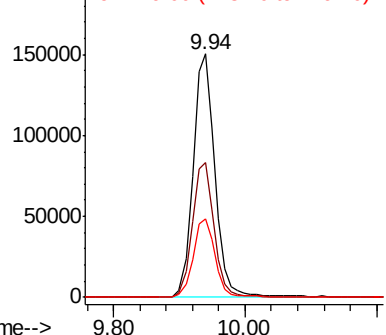
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Instrument :
MSVOA_F
ClientSampleId :
CL-01-082018-C

Tgt Ion:117 Resp: 348079
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 32.4 25.6 38.4

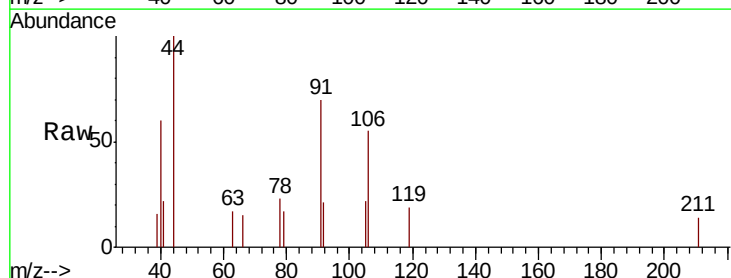


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

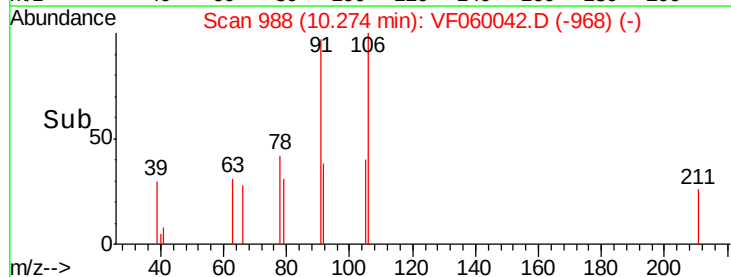
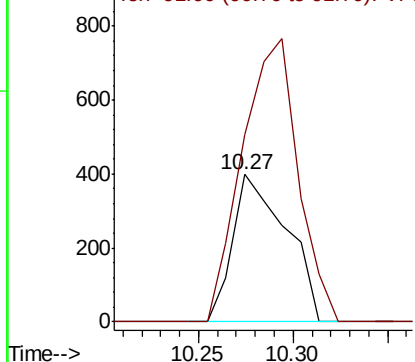


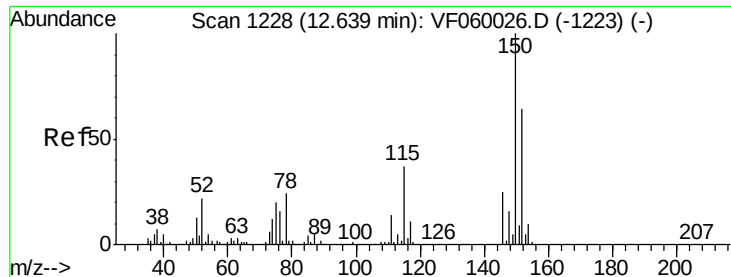
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF060042.D
Acq: 22 Aug 2018 16:13

Tgt Ion:106 Resp: 780
Ion Ratio Lower Upper
106 100
91 127.6 171.8 257.8#



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

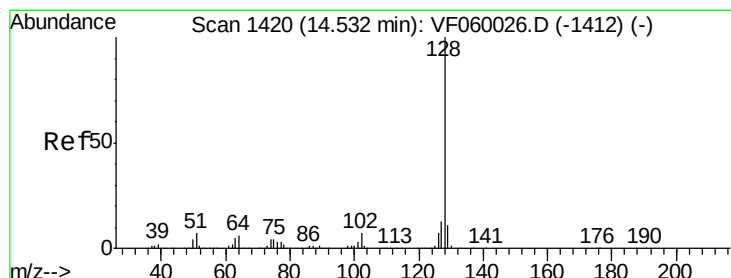
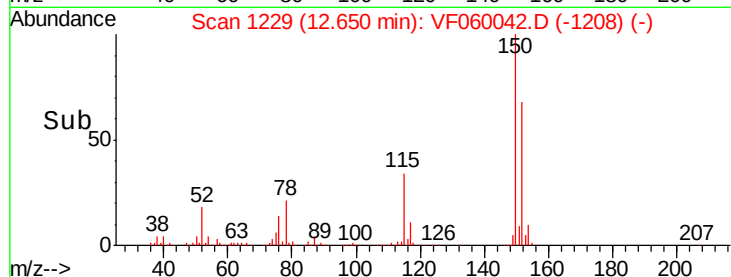
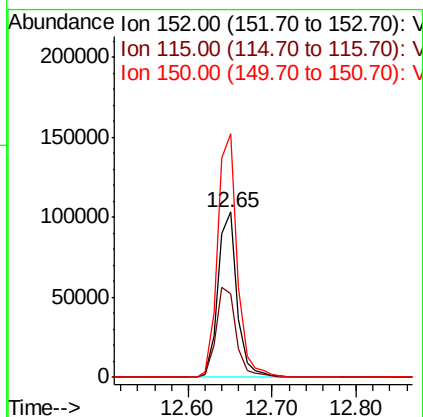
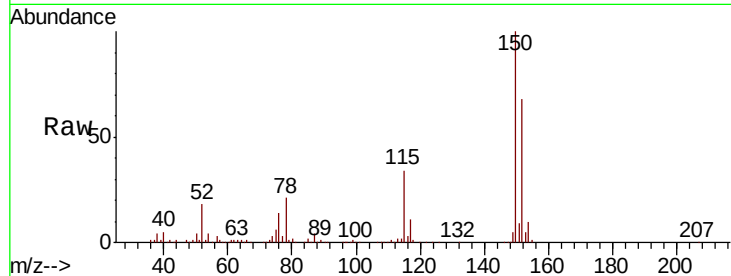




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-082018-C

Tgt Ion:152 Resp: 163857
 Ion Ratio Lower Upper
 152 100
 115 50.8 28.6 85.9
 150 147.3 0.0 312.0



#95
 Naphthalene
 Concen: 6.537 ug/l
 RT: 14.53 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VF060042.D
 Acq: 22 Aug 2018 16:13

Tgt Ion:128 Resp: 27145
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.4 15.6
 129 9.1 8.5 12.7

