

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082218\
 Data File : VF060038.D
 Acq On : 22 Aug 2018 14:22
 Operator : VA/AP
 Sample : J4555-03
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 23 08:26:01 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

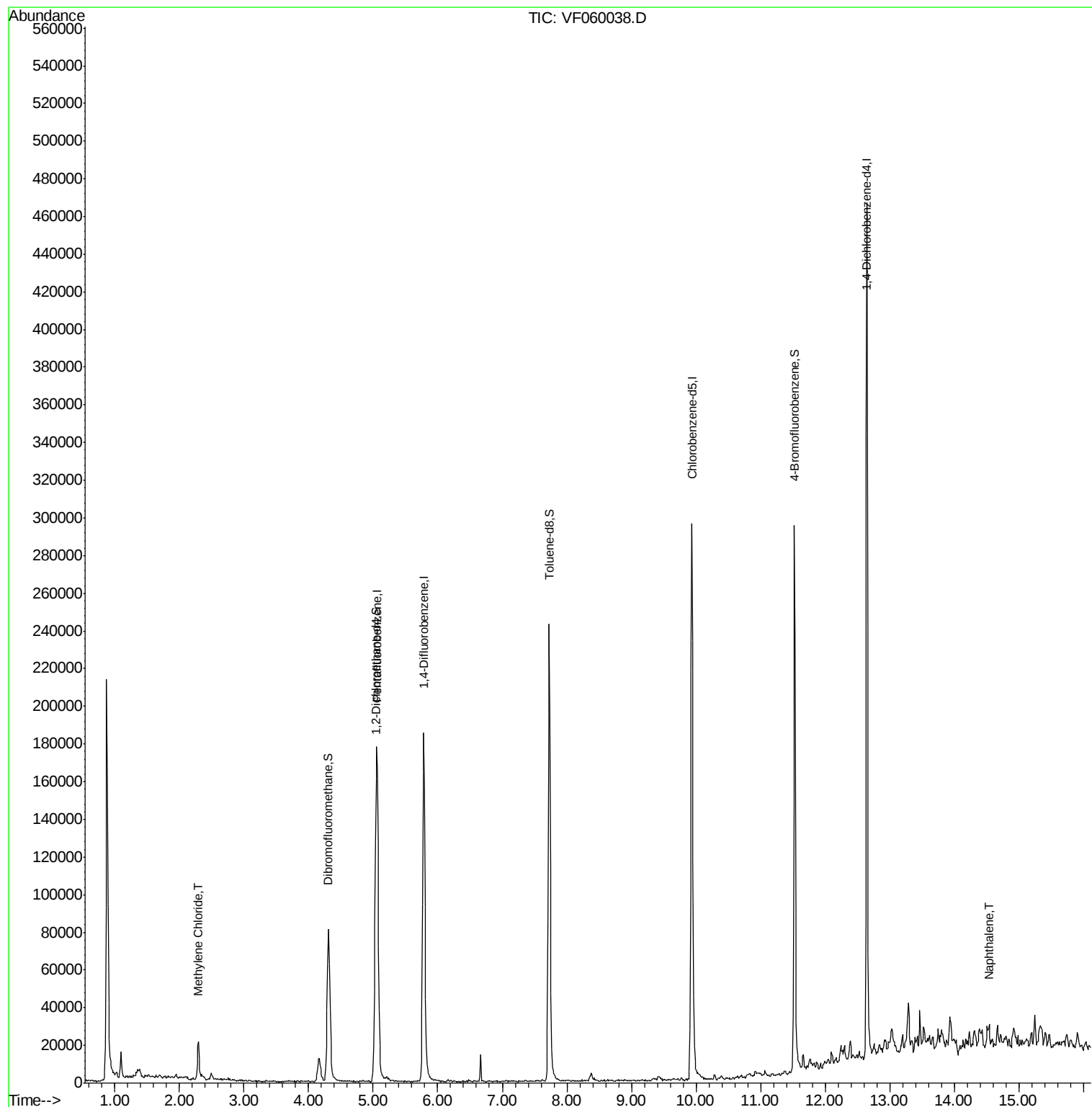
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	138643	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	201236	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	207159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.65	152	116827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	86716	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
35) Dibromofluoromethane	4.31	113	77569	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	7.73	98	199392	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.52	95	100713	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
Target Compounds						
20) Methylene Chloride	2.30	84	9535	5.11	ug/l	82
95) Naphthalene	14.54	128	3626	3.08	ug/l #	82

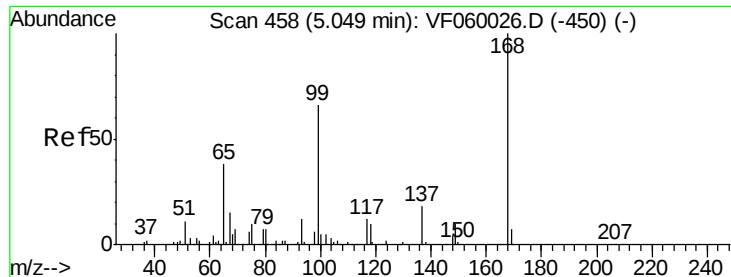
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.02 min

Lab File: VF060038.D

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Instrument :

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ClientSampleId :

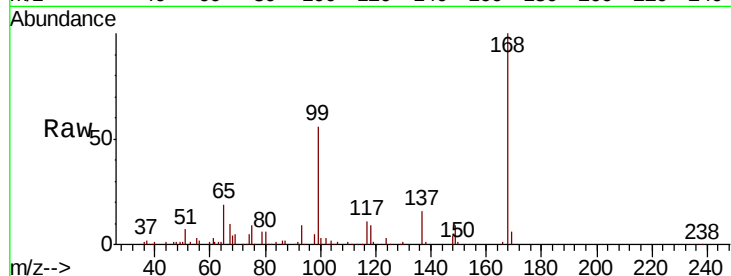
SB-01-COMP

Tot Ion:168 Resp: 138643

Ion Ratio Lower Upper

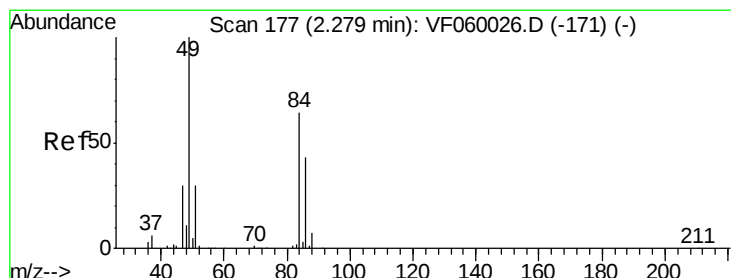
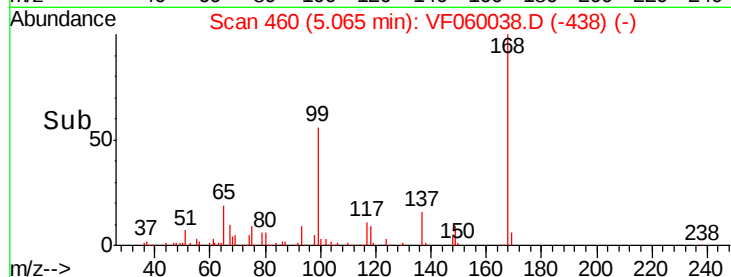
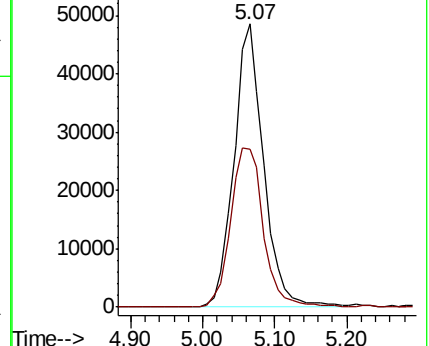
168 100

99 55.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 5.11 ug/l

RT: 2.30 min Scan# 179

Delta R.T. 0.02 min

Lab File: VF060038.D

Acq: 22 Aug 2018 14:22

Tgt Ion: 84 Resp: 9535

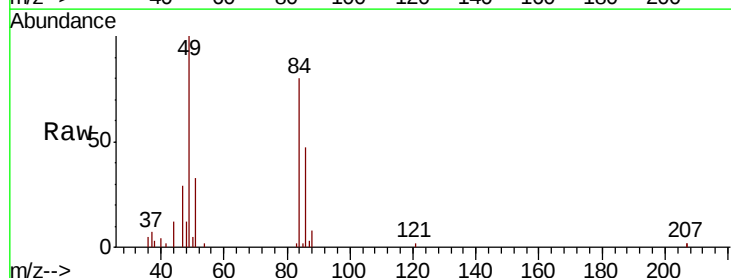
Ion Ratio Lower Upper

84 100

49 125.4 125.4 188.0

51 41.2 38.3 57.5

86 59.1 53.3 79.9

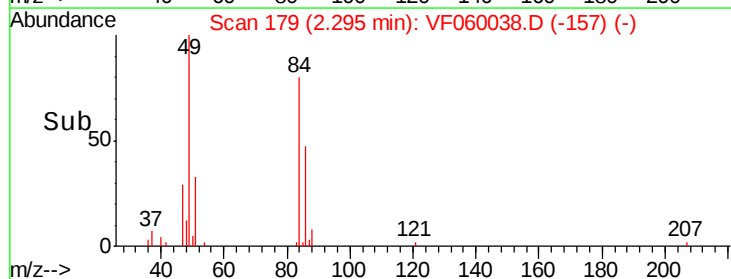
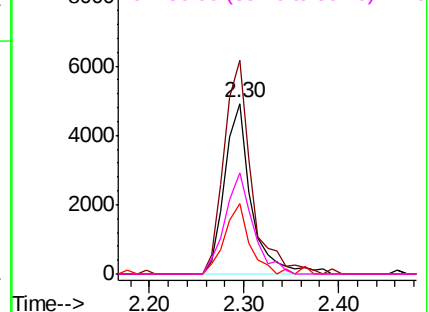


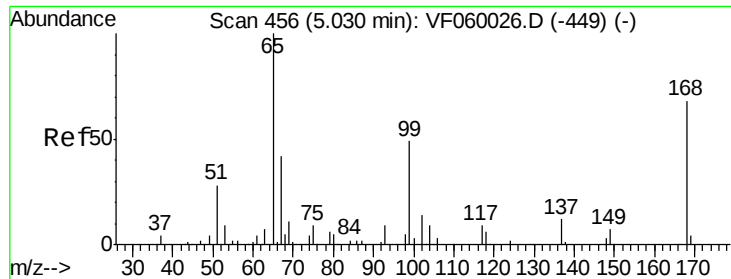
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 45.70 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF060038.D

Acq: 22 Aug 2018 14:22

Instrument :

MSVOA_F

ClientSampleId :

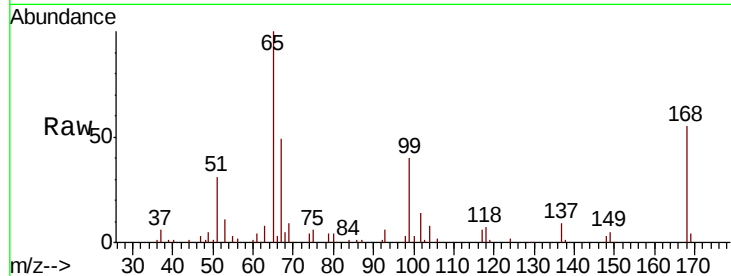
SB-01-COMP

Tot Ion: 65 Resp: 86716

Ion Ratio Lower Upper

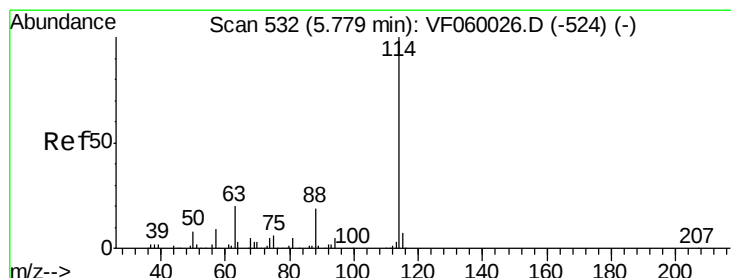
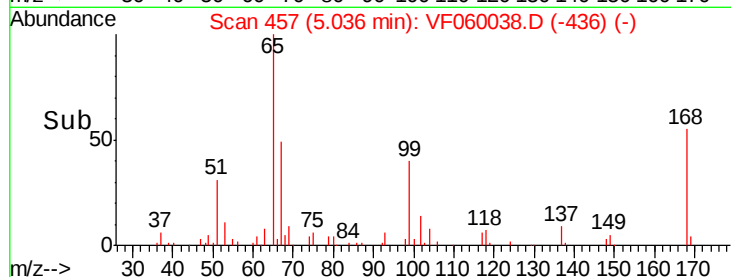
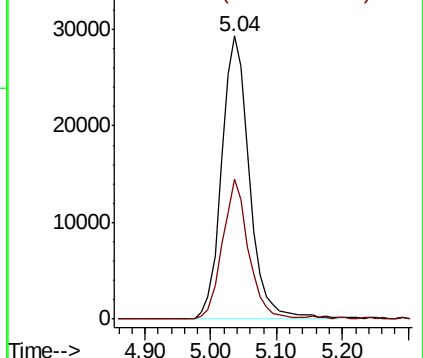
65 100

67 49.4 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF060038.D

Acq: 22 Aug 2018 14:22

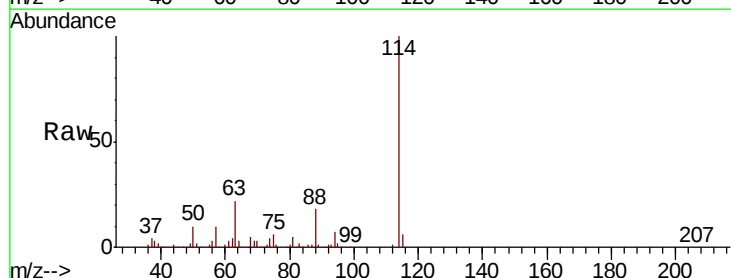
Tgt Ion: 114 Resp: 201236

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.4

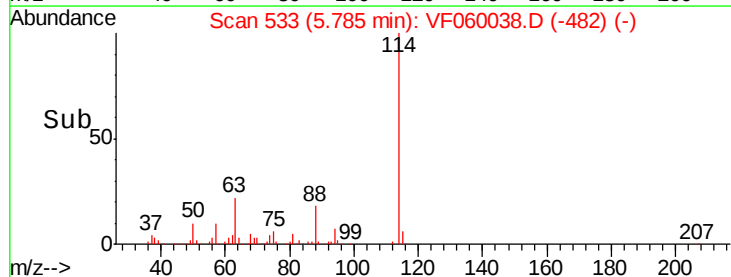
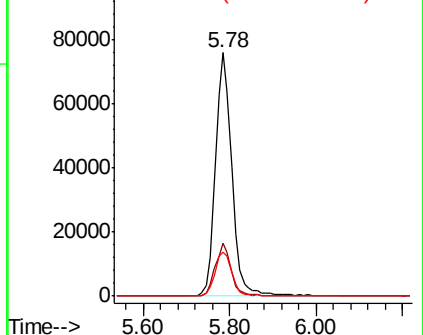
88 18.0 0.0 38.6

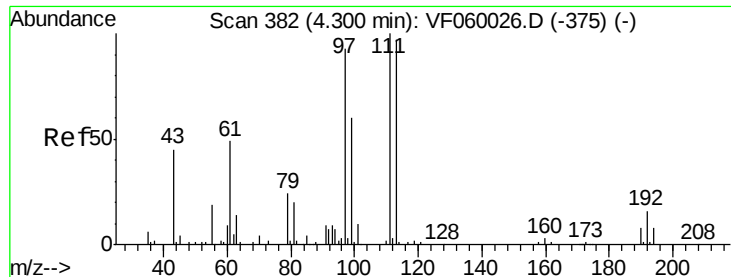


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

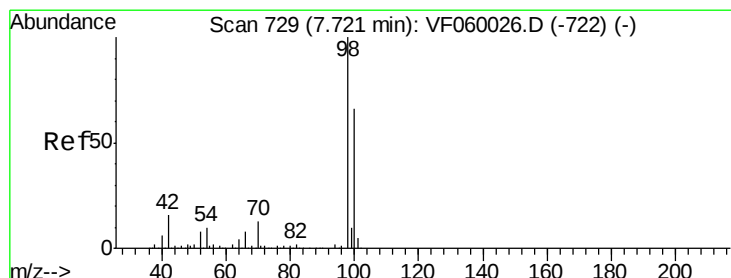
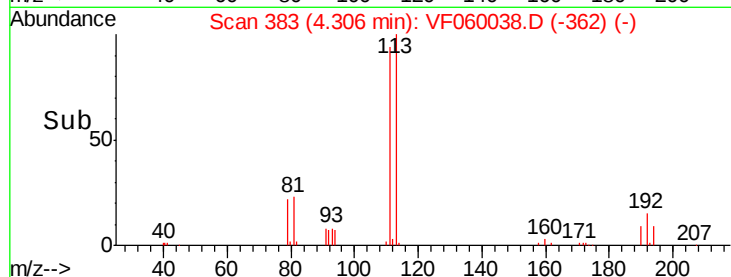
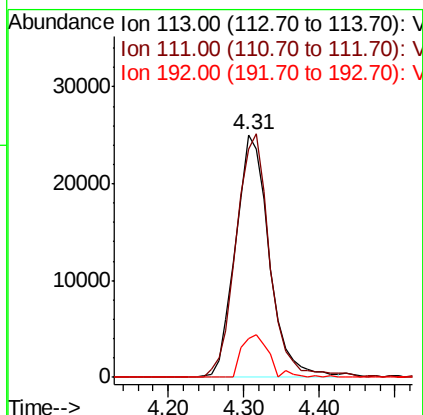
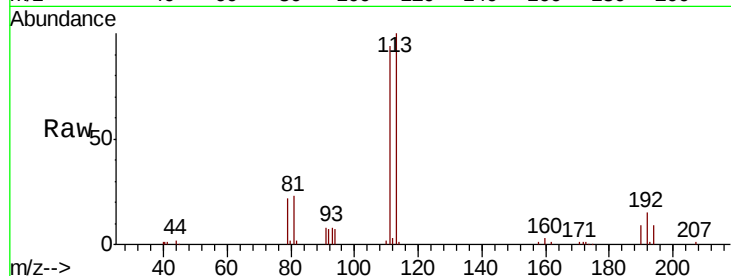




#35
 Dibromofluoromethane
 Concen: 49.09 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.01 min
 Lab File: VF060038.D
 Acq: 22 Aug 2018 14:22

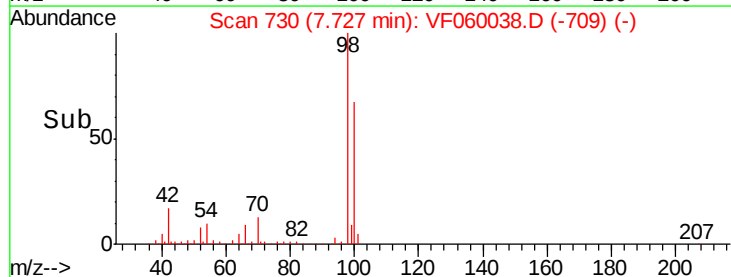
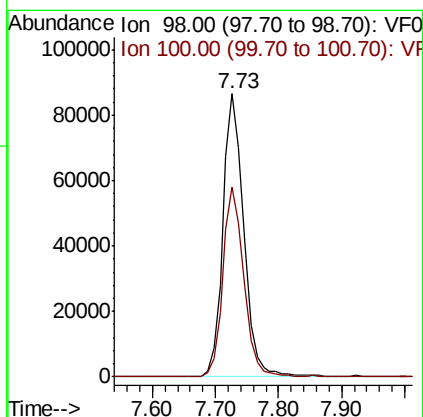
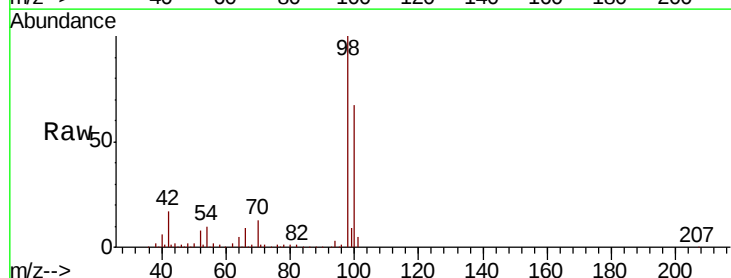
Instrument :
 MSVOA_F
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 SB-01-COMP

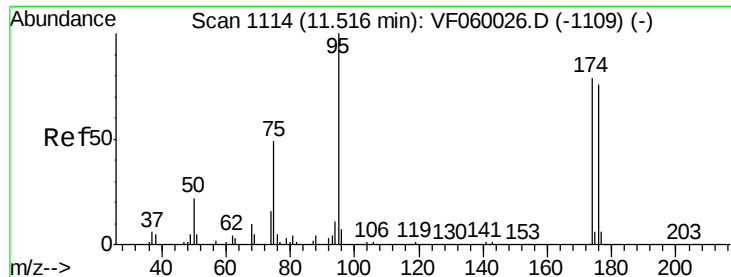
Tot Ion:113 Resp: 77569
 Ion Ratio Lower Upper
 113 100
 111 94.1 82.7 124.1
 192 15.8 13.0 19.4



#50
 Toluene-d8
 Concen: 44.43 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VF060038.D
 Acq: 22 Aug 2018 14:22

Tgt Ion: 98 Resp: 199392
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.2 79.8

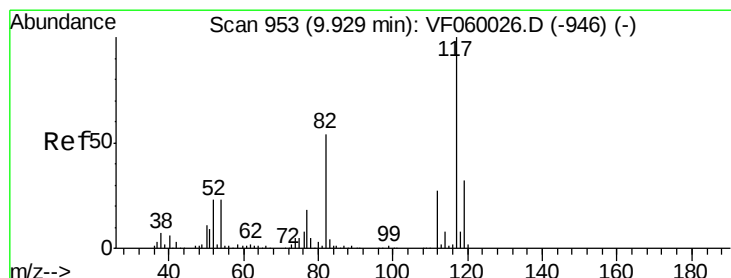
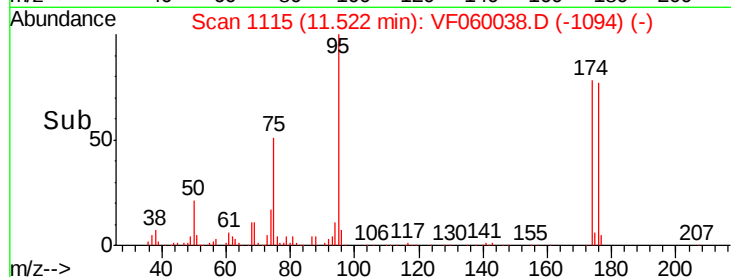
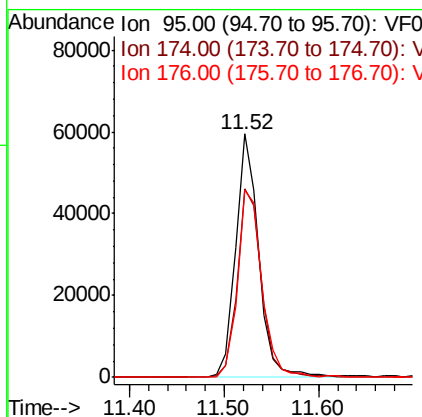
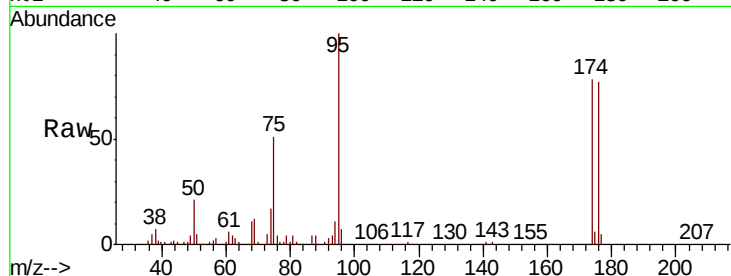




#62
4-Bromofluorobenzene
Concen: 42.42 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

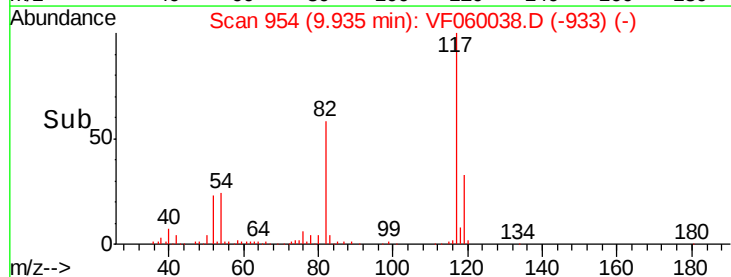
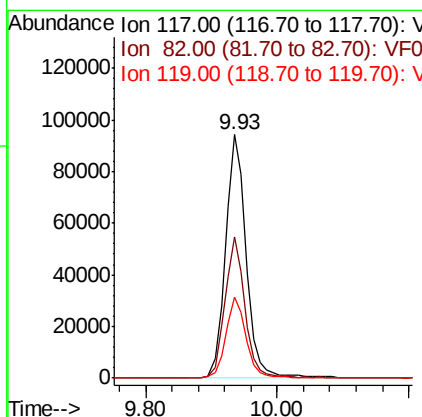
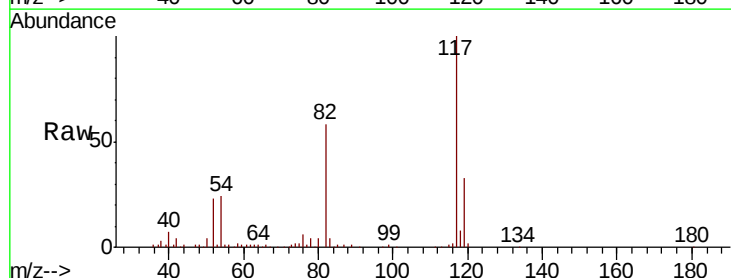
Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

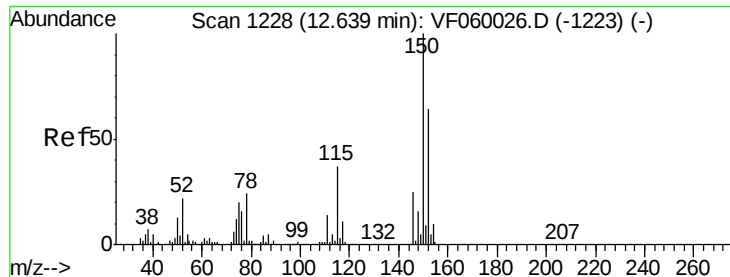
Tot Ion	95	Resp	100713
Ion Ratio	Lower	Upper	
95	100		
174	77.5	0.0	158.4
176	76.8	0.0	153.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion	117	Resp	207159
Ion Ratio	Lower	Upper	
117	100		
82	57.9	43.6	65.4
119	33.4	25.6	38.4



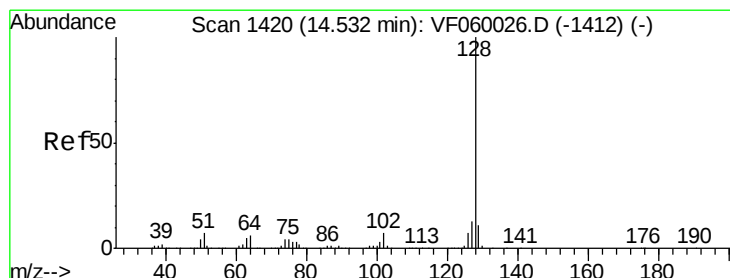
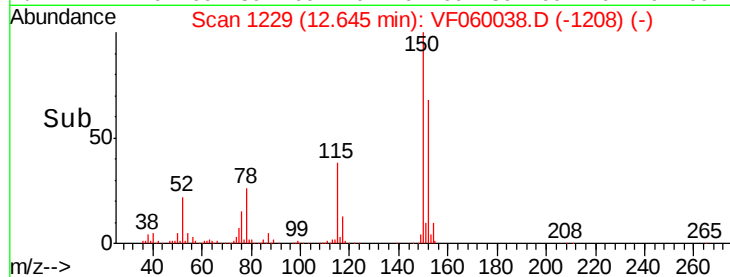
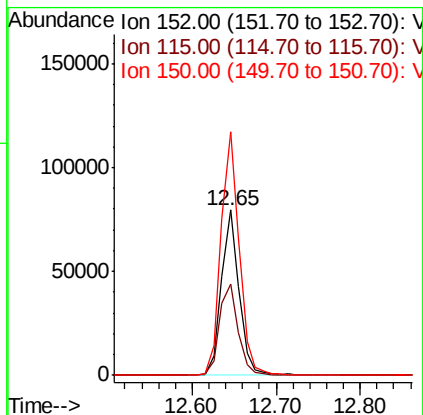
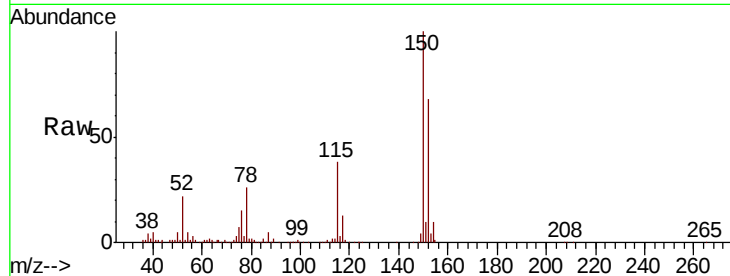


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Instrument :
MSVOA_F
ClientSampleId :
SB-01-COMP

Tot Ion:152 Resp: 116827
Ion Ratio Lower Upper
152 100
115 55.3 28.6 85.9
150 147.3 0.0 312.0



#95

Naphthalene
Concen: 3.08 ug/l
RT: 14.54 min Scan# 1421
Delta R.T. 0.01 min
Lab File: VF060038.D
Acq: 22 Aug 2018 14:22

Tgt Ion:128 Resp: 3626
Ion Ratio Lower Upper
128 100
127 21.3 10.4 15.6#
129 16.2 8.5 12.7#

