

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082218\
 Data File : VF060044.D
 Acq On : 22 Aug 2018 17:09
 Operator : VA/AP
 Sample : J4275-17
 Misc : 6.38g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Aug 23 08:44:05 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

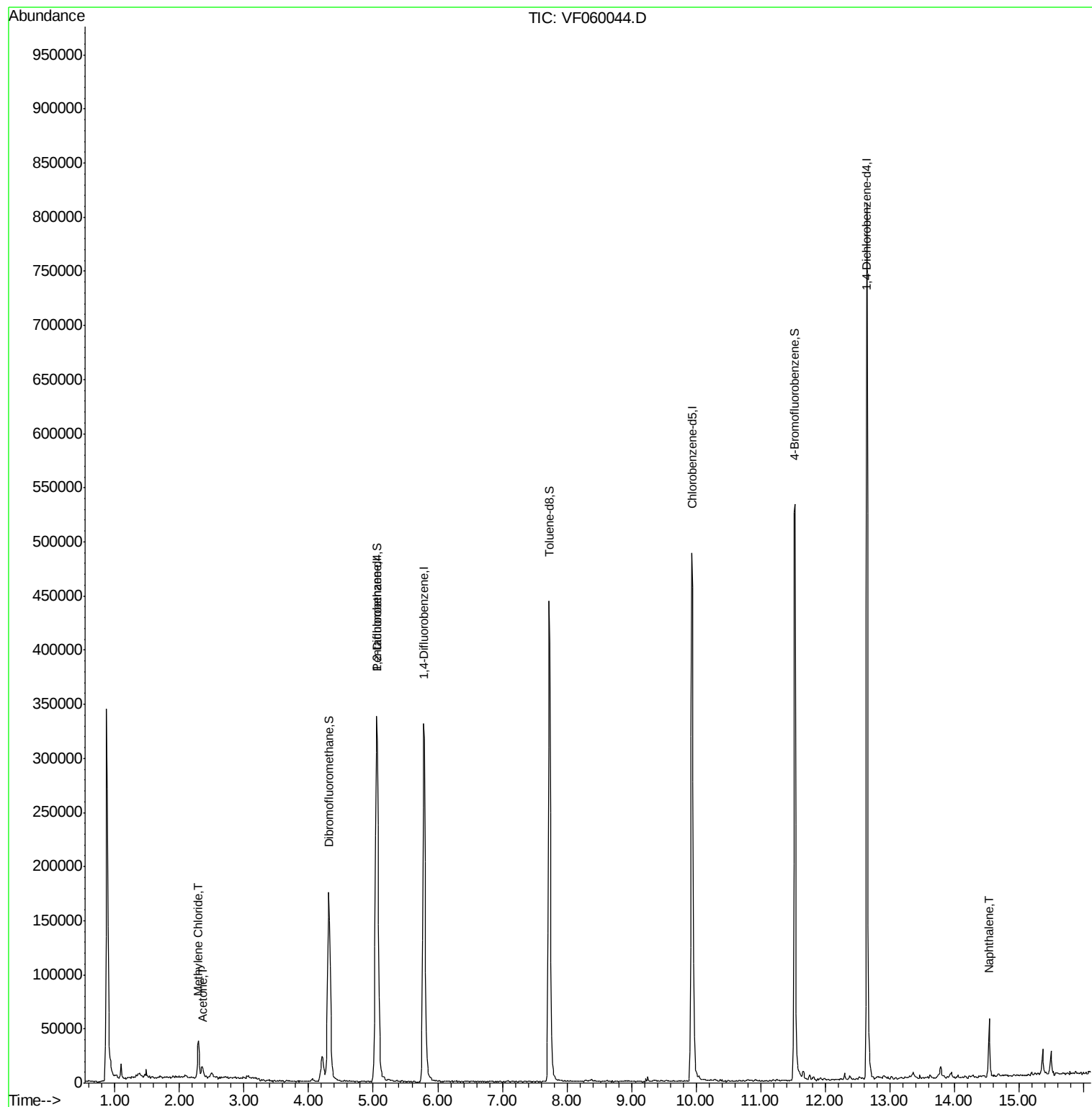
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	231641	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	366037	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	365426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	201856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	177271	55.92	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.84%	
35) Dibromofluoromethane	4.31	113	160993	56.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.02%	
50) Toluene-d8	7.73	98	378891	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.52	95	201754	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
16) Acetone	2.35	43	13103	15.73	ug/l #	92
20) Methylene Chloride	2.29	84	14600	4.20	ug/l	91
95) Naphthalene	14.54	128	37212	7.02	ug/l #	96

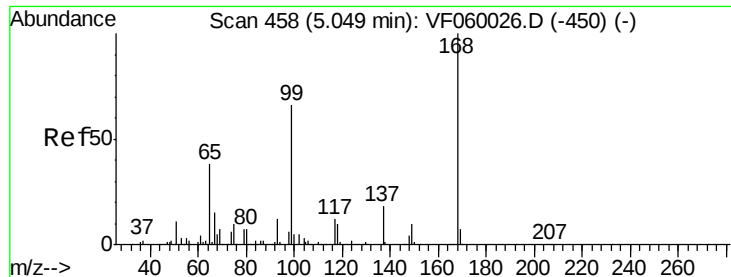
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082218\
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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: 50.00 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

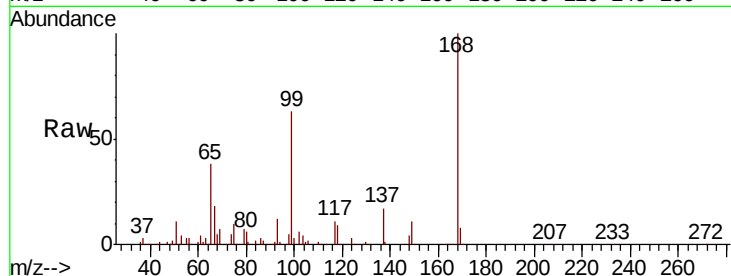
CL-01-082018-E

Tot Ion:168 Resp: 231641

Ion Ratio Lower Upper

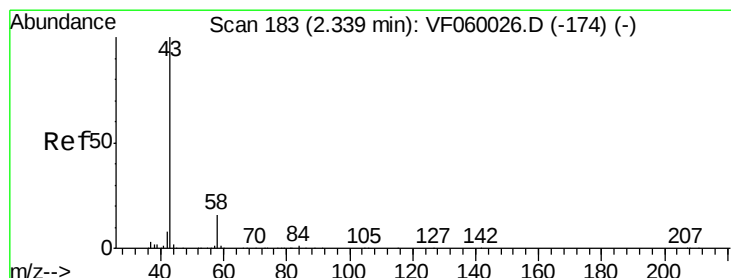
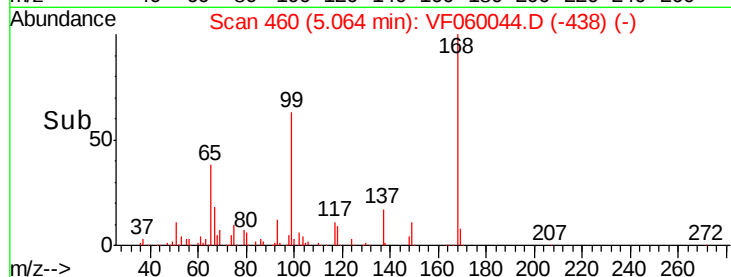
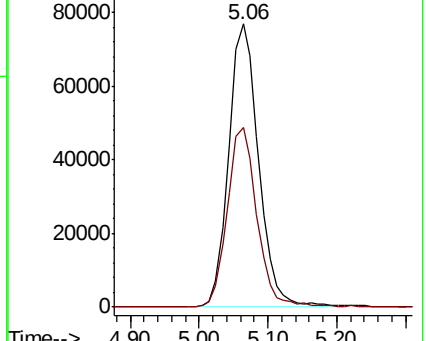
168 100

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



#16

Acetone

Concen: 15.73 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF060044.D

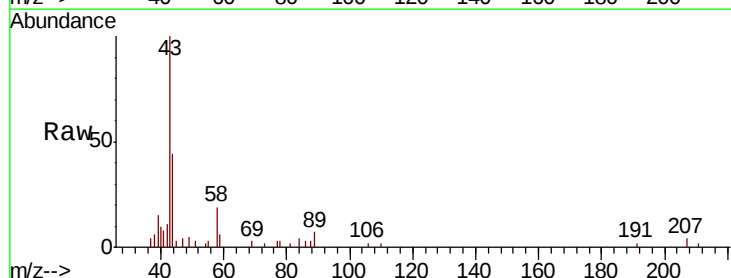
Acq: 22 Aug 2018 17:09

Tgt Ion: 43 Resp: 13103

Ion Ratio Lower Upper

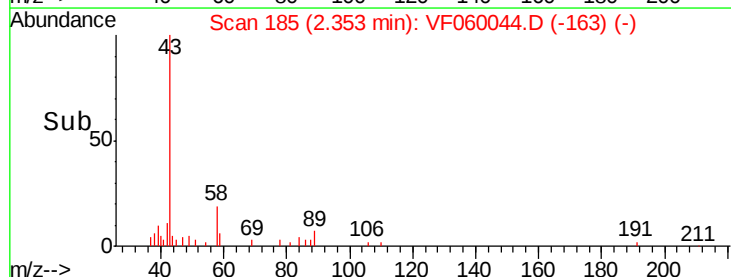
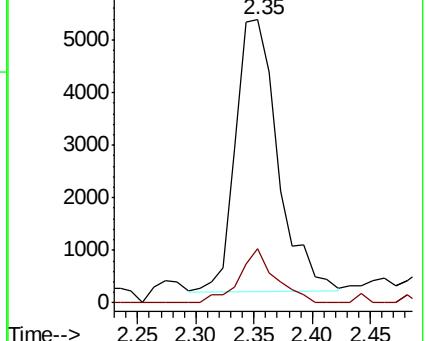
43 100

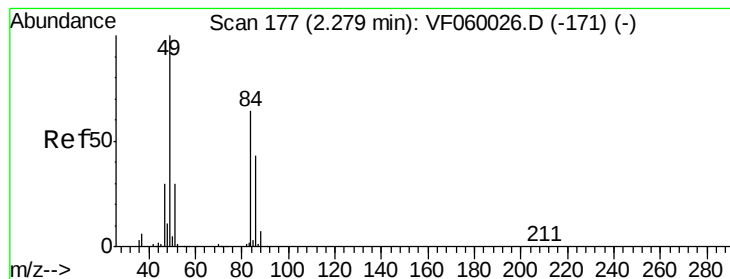
58 19.2 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#20

Methylene Chloride

Concen: 4.20 ug/l

RT: 2.29 min Scan# 179

Delta R.T. 0.01 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

CL-01-082018-E

Tot Ion: 84 Resp: 14600

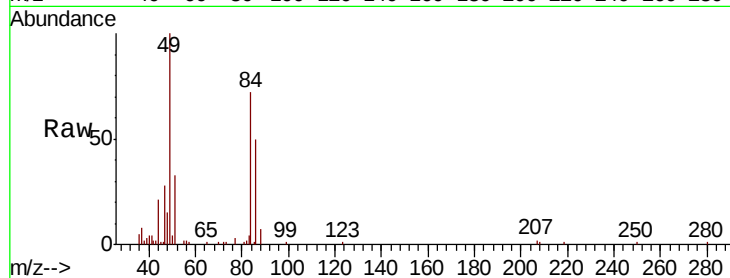
Ion Ratio Lower Upper

84 100

49 139.7 125.4 188.0

51 46.7 38.3 57.5

86 69.2 53.3 79.9

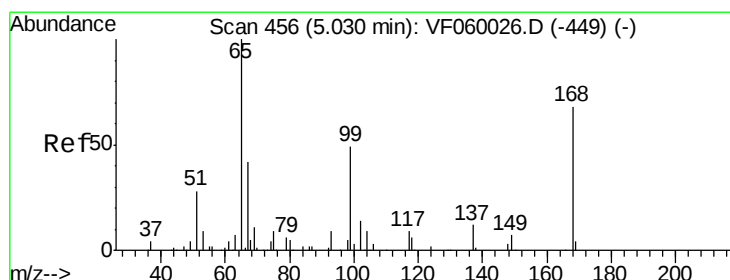
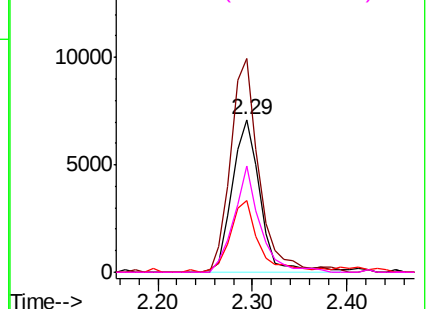
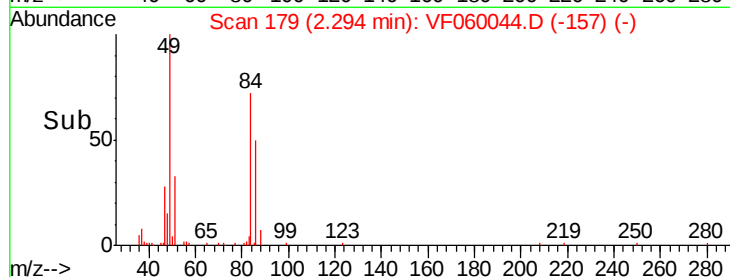


Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 55.92 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF060044.D

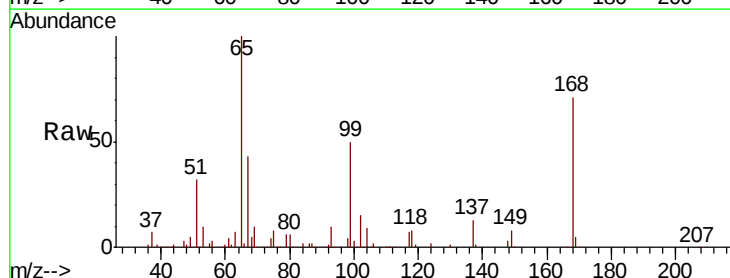
Acq: 22 Aug 2018 17:09

Tgt Ion: 65 Resp: 177271

Ion Ratio Lower Upper

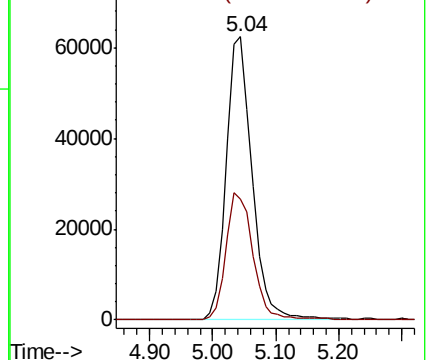
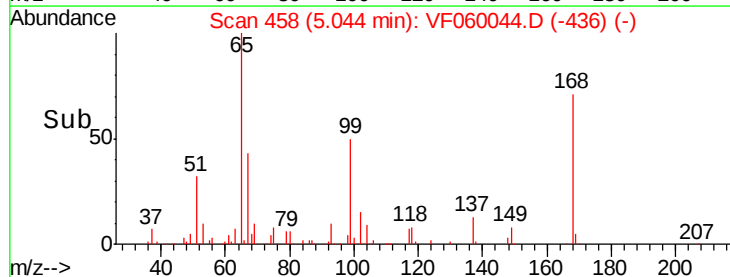
65 100

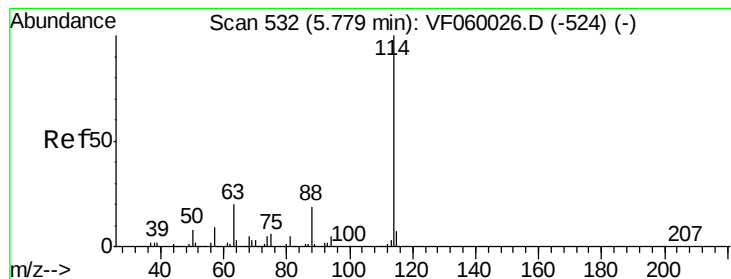
67 42.6 0.0 92.0



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. 0.00 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

CL-01-082018-E

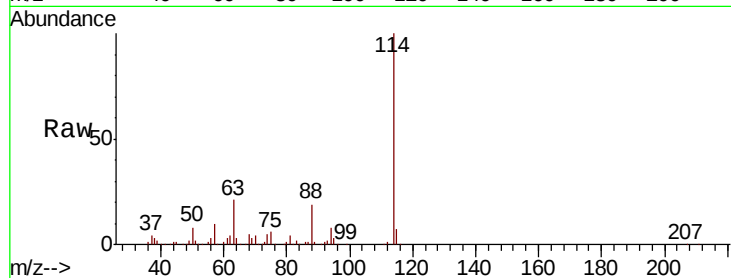
Tot Ion:114 Resp: 366037

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.4

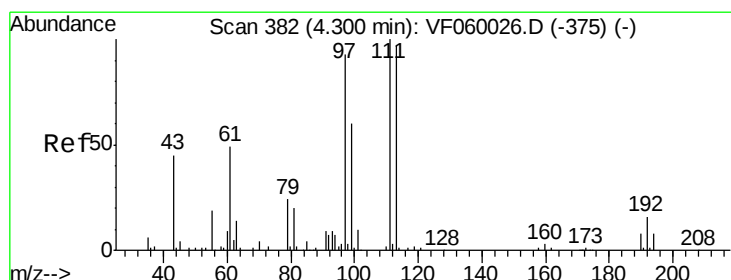
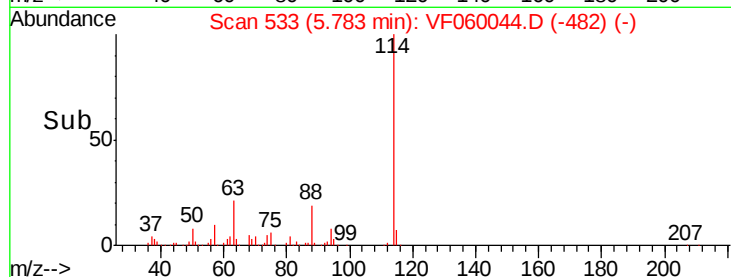
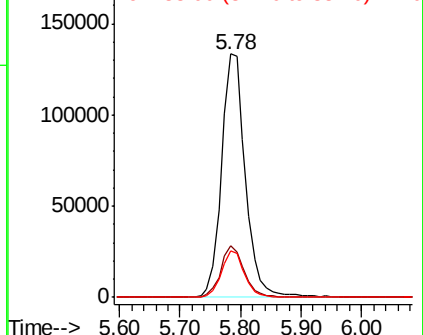
88 19.2 0.0 38.6



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: 56.01 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

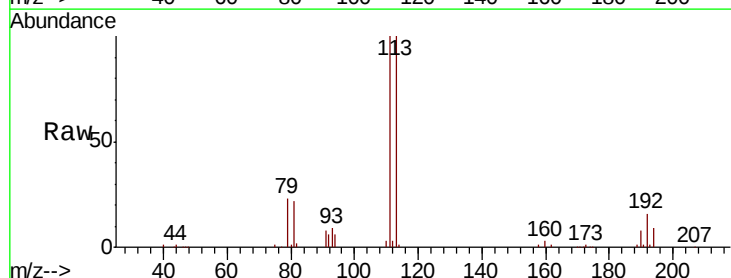
Tgt Ion:113 Resp: 160993

Ion Ratio Lower Upper

113 100

111 99.9 82.7 124.1

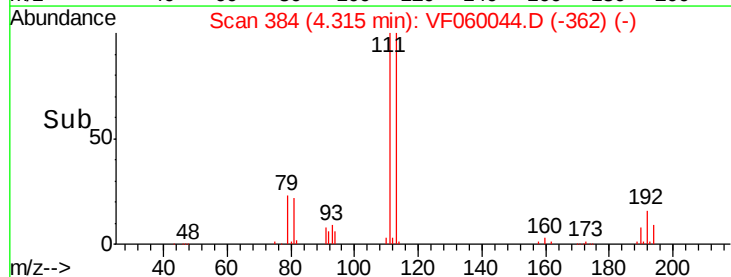
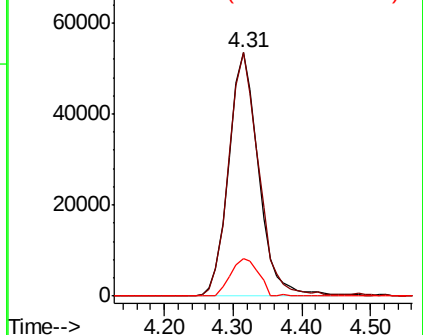
192 15.7 13.0 19.4

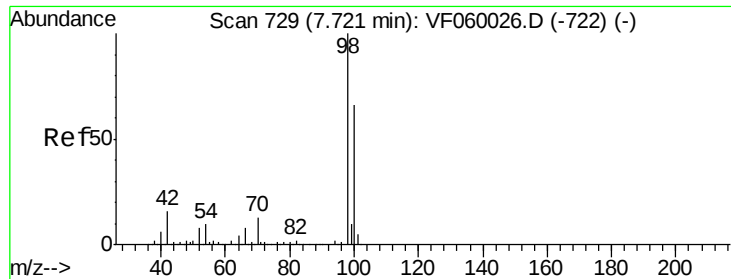


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 46.42 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.00 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

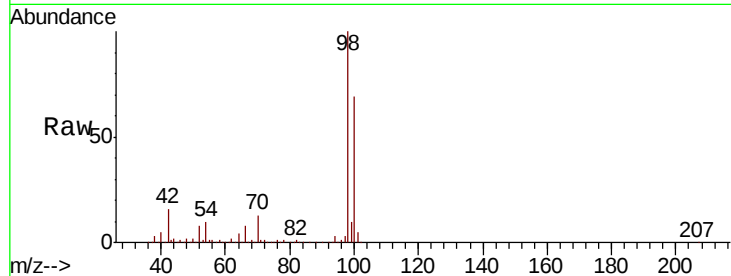
CL-01-082018-E

Tot Ion: 98 Resp: 378891

Ion Ratio Lower Upper

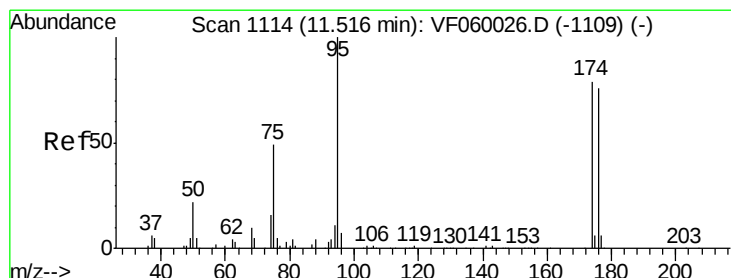
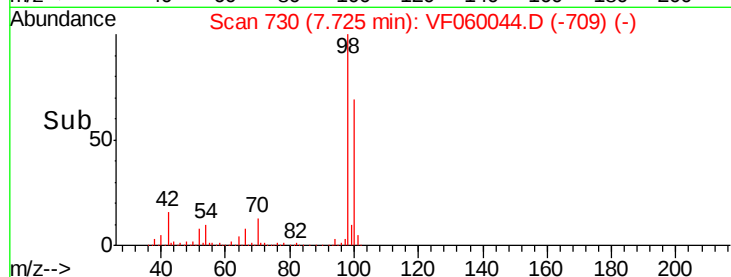
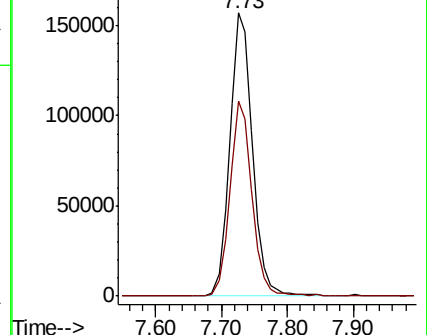
98 100

100 69.1 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 46.72 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.00 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

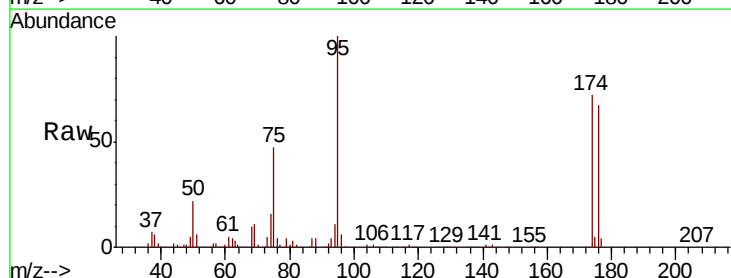
Tgt Ion: 95 Resp: 201754

Ion Ratio Lower Upper

95 100

174 71.7 0.0 158.4

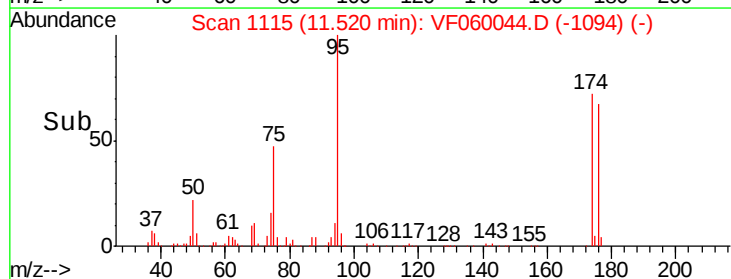
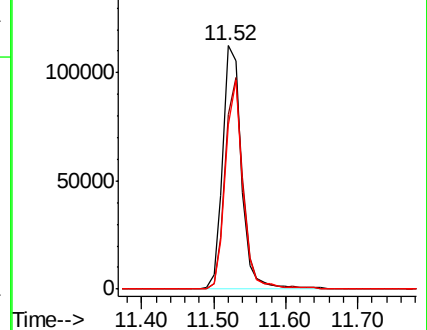
176 67.3 0.0 153.0

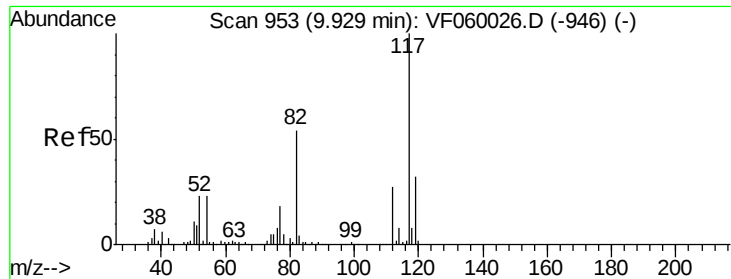


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

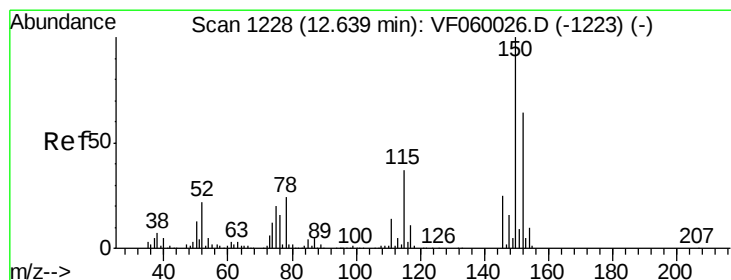
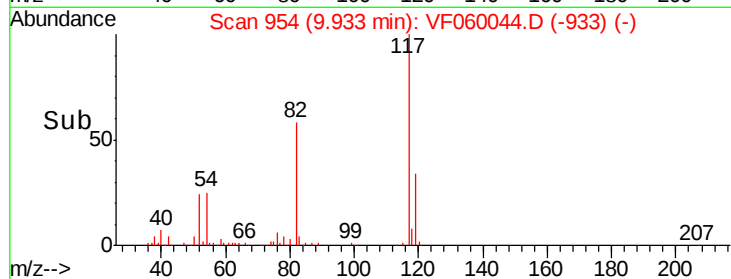
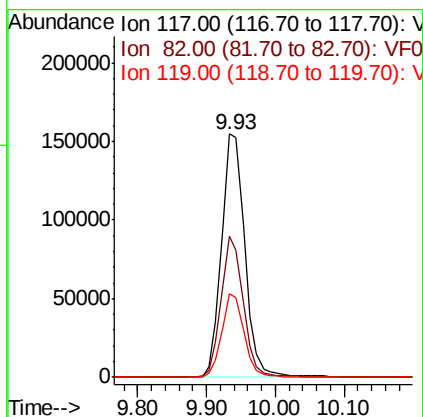
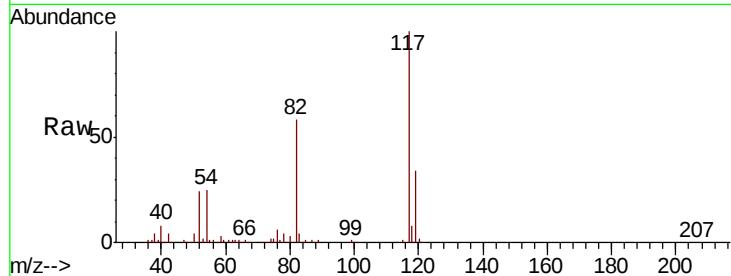




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.00 min
Lab File: VF060044.D
Acq: 22 Aug 2018 17:09

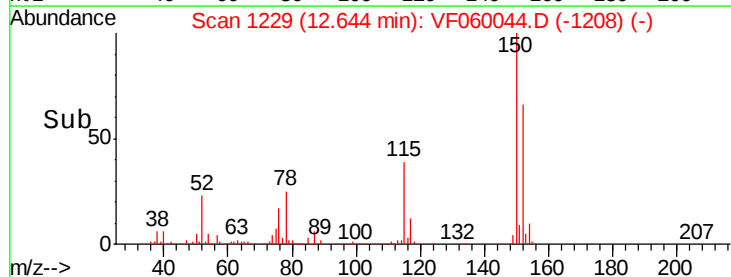
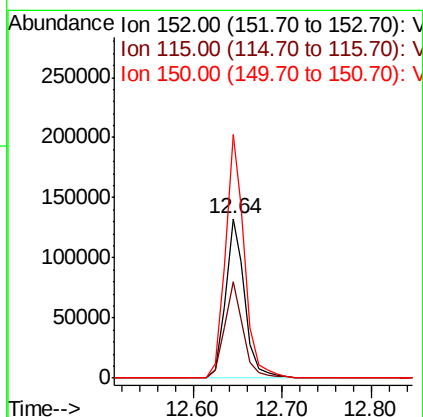
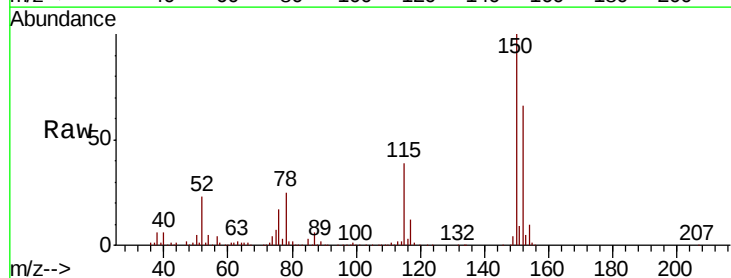
Instrument :
MSVOA_F
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CL-01-082018-E

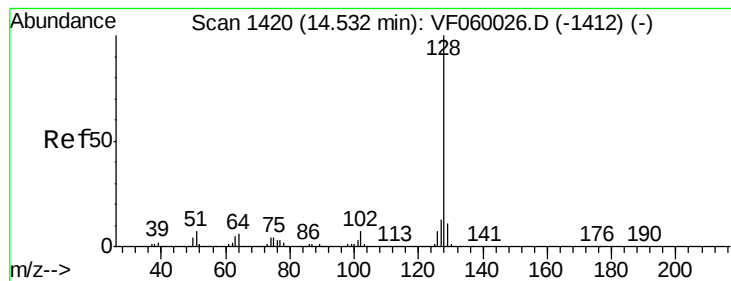
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.6	65.4
119	34.3	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VF060044.D
Acq: 22 Aug 2018 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.6	85.9
150	152.6	0.0	312.0





#95

Naphthalene

Concen: 7.02 ug/l

RT: 14.54 min Scan# 1421

Delta R.T. 0.01 min

Lab File: VF060044.D

Acq: 22 Aug 2018 17:09

Instrument :

MSVOA_F

ClientSampleId :

CL-01-082018-E

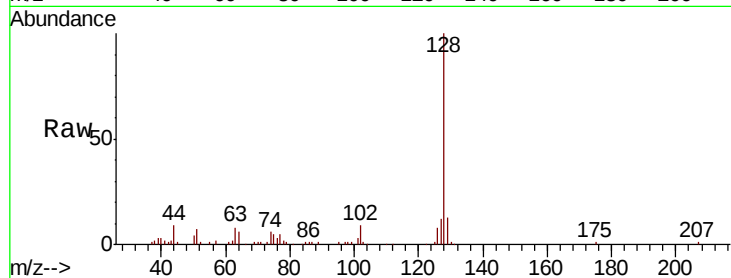
Tot Ion:128 Resp: 37212

Ion Ratio Lower Upper

128 100

127 12.0 10.4 15.6

129 12.9 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

