

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060597.D
 Acq On : 6 Nov 2018 6:14
 Operator : VA/AP
 Sample : J5767-07
 Misc : 5.27/5mL/MSVOA-F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-D

Quant Time: Nov 06 08:10:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

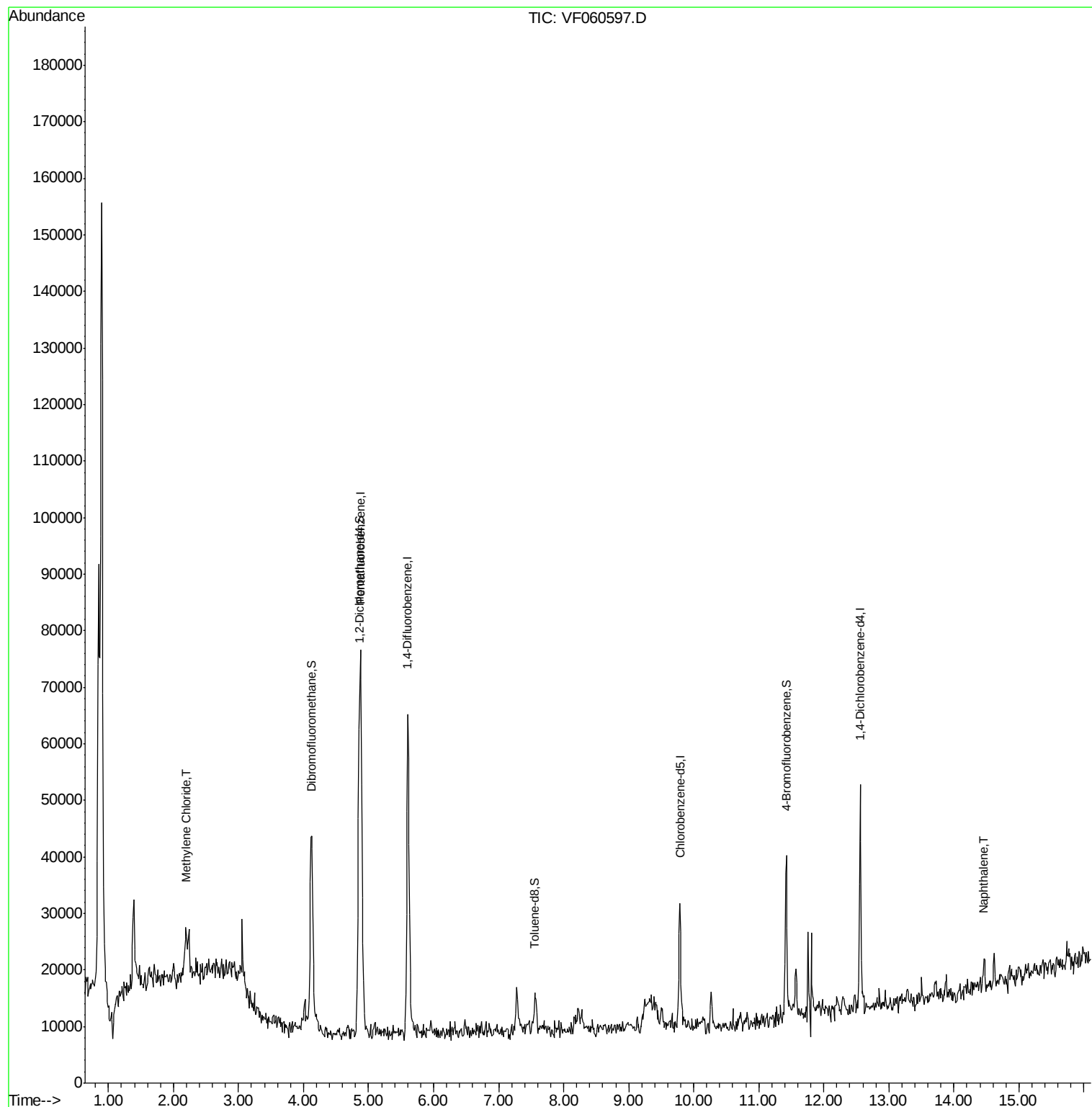
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	48354	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.60	114	63649	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	15566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	10696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	32828	67.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.38%	
35) Dibromofluoromethane	4.11	113	34457	70.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.14%	
50) Toluene-d8	7.57	98	5402	3.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	7.42%	
62) 4-Bromofluorobenzene	11.42	95	12471	19.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.14%	
Target Compounds						
20) Methylene Chloride	2.20	84	6393	14.892	ug/l #	79
95) Naphthalene	14.47	128	2986	6.552	ug/l #	79

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

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QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060597.D

Acq: 6 Nov 2018 6:14

Instrument :

MSVOA_F

ClientSampleId :

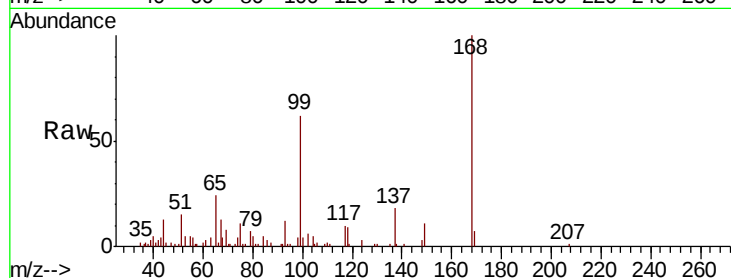
CL-02-110118-D

Tot Ion:168 Resp: 48354

Ion Ratio Lower Upper

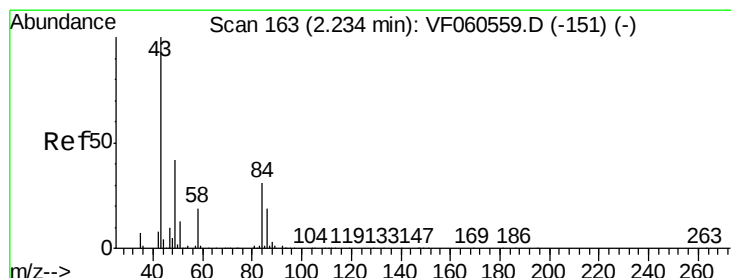
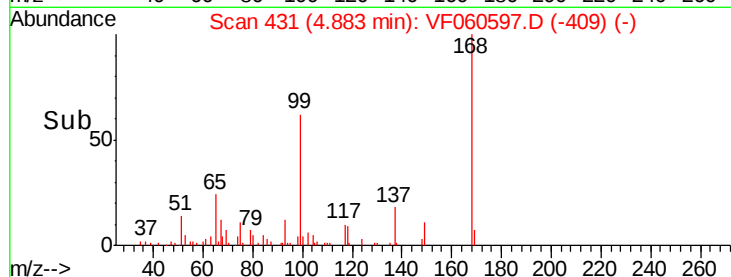
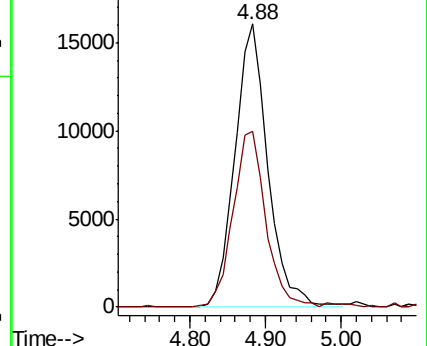
168 100

99 61.9 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 14.892 ug/l

RT: 2.20 min Scan# 159

Delta R.T. -0.03 min

Lab File: VF060597.D

Acq: 6 Nov 2018 6:14

Tgt Ion: 84 Resp: 6393

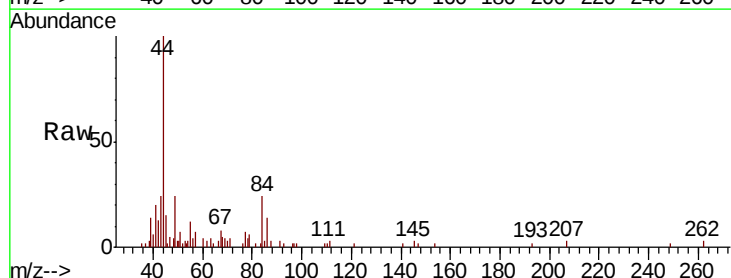
Ion Ratio Lower Upper

84 100

49 101.7 109.9 164.9#

51 31.4 35.8 53.8#

86 61.2 48.3 72.5

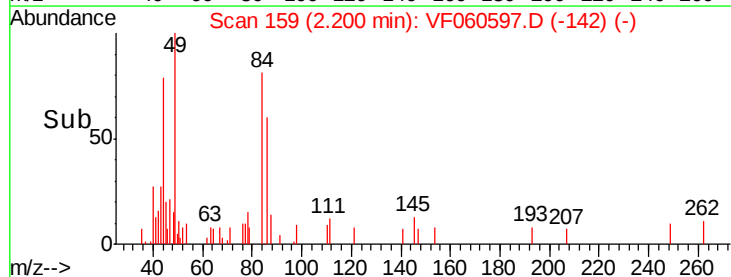
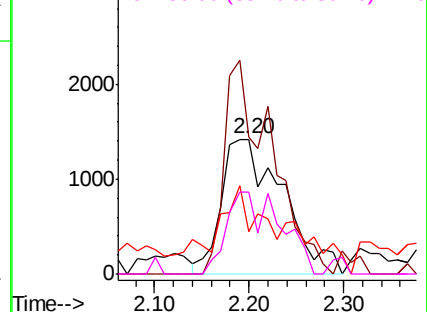


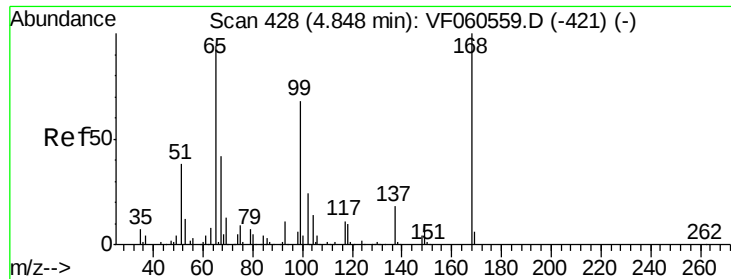
Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 67.194 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060597.D

Acq: 6 Nov 2018 6:14

Instrument :

MSVOA_F

ClientSampleId :

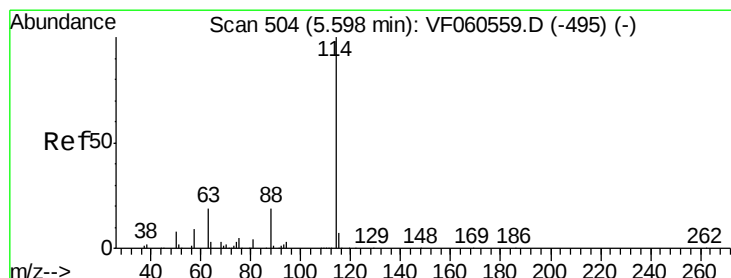
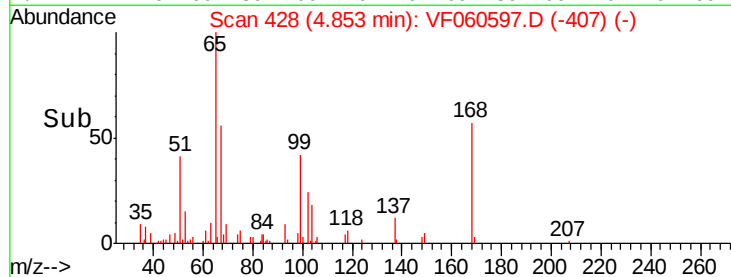
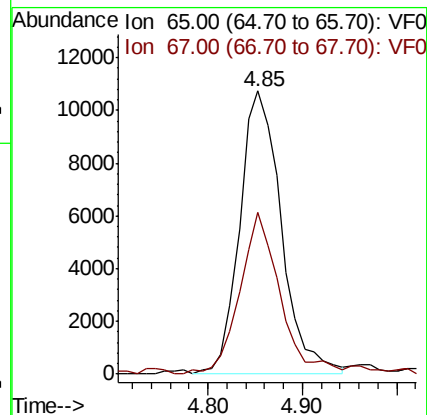
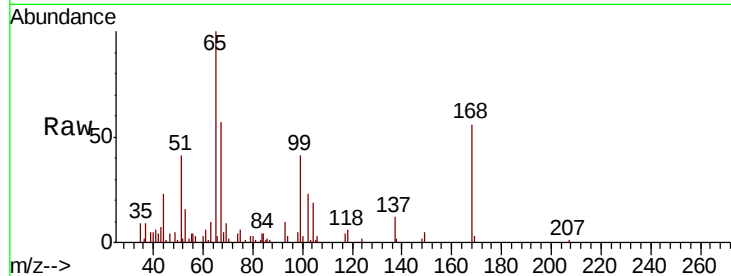
CL-02-110118-D

Tot Ion: 65 Resp: 32828

Ion Ratio Lower Upper

65 100

67 57.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF060597.D

Acq: 6 Nov 2018 6:14

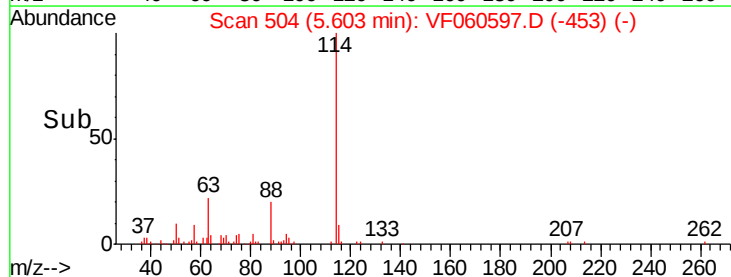
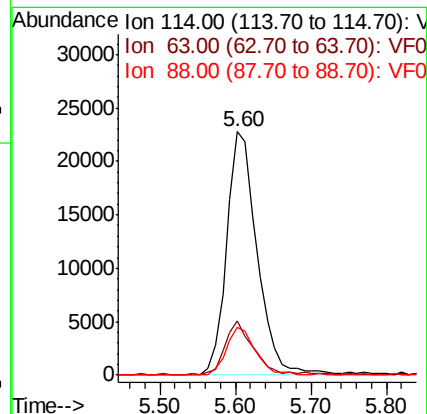
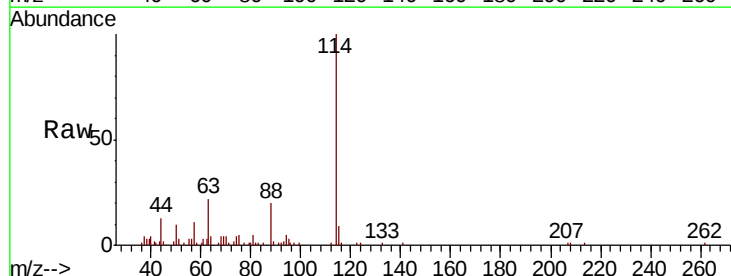
Tgt Ion: 114 Resp: 63649

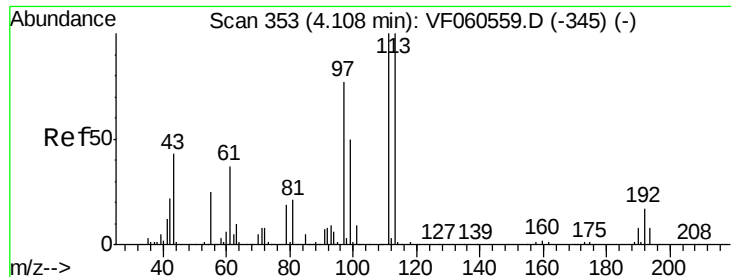
Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.0

88 19.8 0.0 38.2

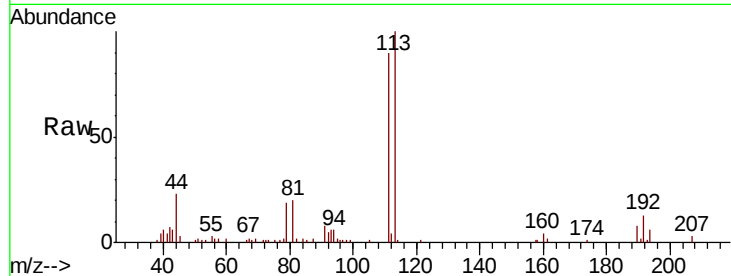




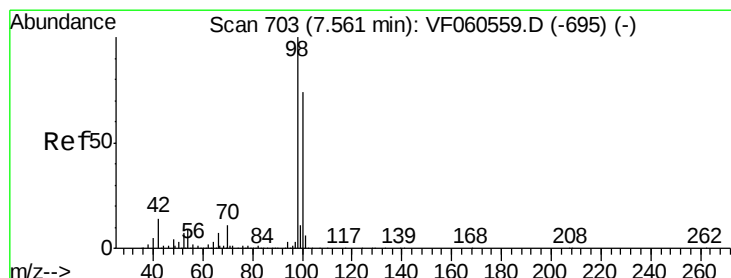
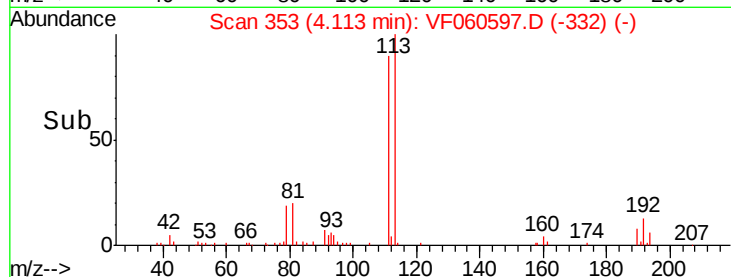
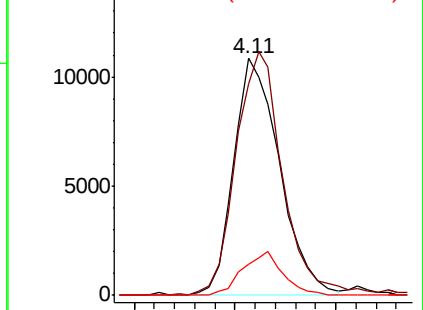
#35
 Dibromofluoromethane
 Concen: 70.070 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF060597.D
 Acq: 6 Nov 2018 6:14

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-110118-D

Tot Ion:113 Resp: 34457
 Ion Ratio Lower Upper
 113 100
 111 89.6 79.9 119.9
 192 13.2 13.3 19.9#

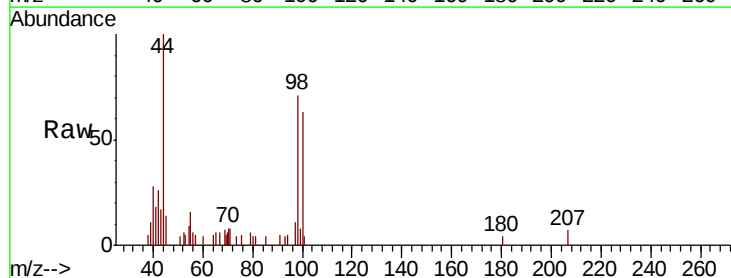


Abundance Ion 113.00 (112.70 to 113.70): V
 15000 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

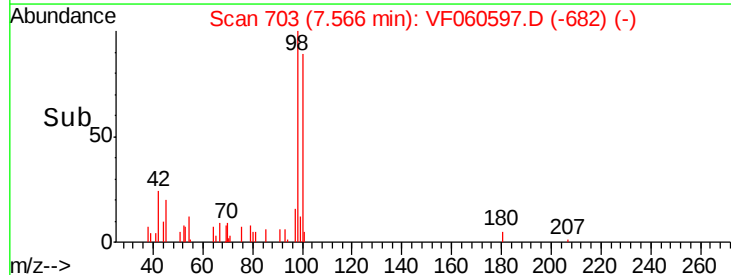
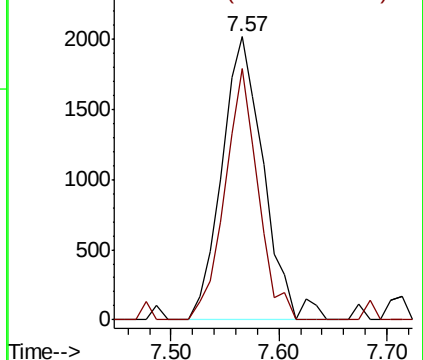


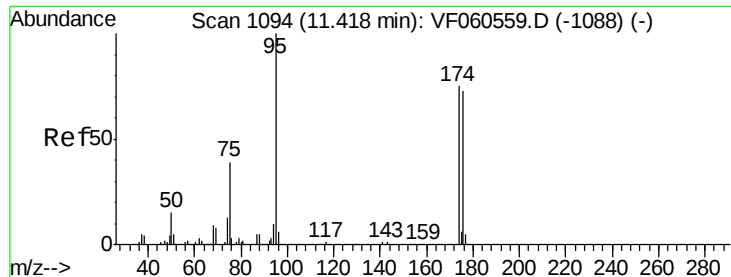
#50
 Toluene-d8
 Concen: 3.708 ug/l
 RT: 7.57 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VF060597.D
 Acq: 6 Nov 2018 6:14

Tgt Ion: 98 Resp: 5402
 Ion Ratio Lower Upper
 98 100
 100 88.7 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 2000 Ion 100.00 (99.70 to 100.70): VF

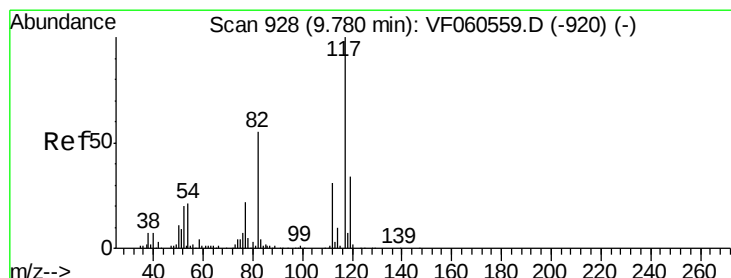
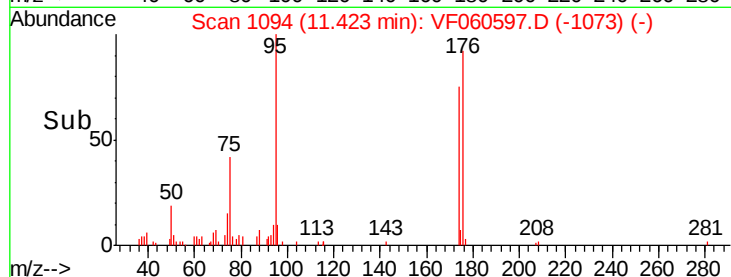
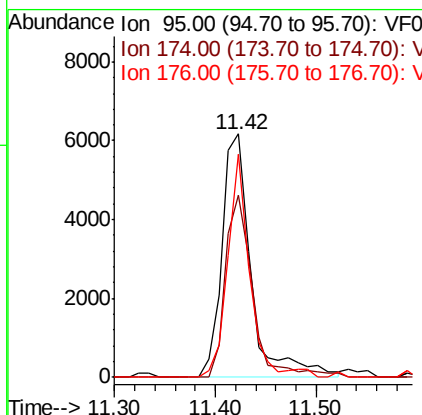
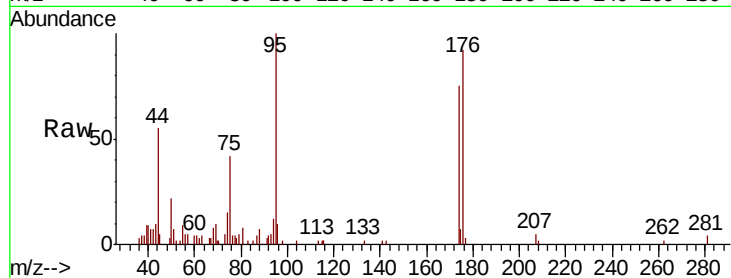




#62
4-Bromofluorobenzene
Concen: 19.572 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060597.D
Acq: 6 Nov 2018 6:14

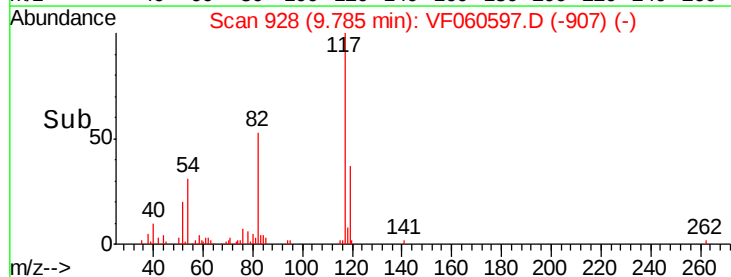
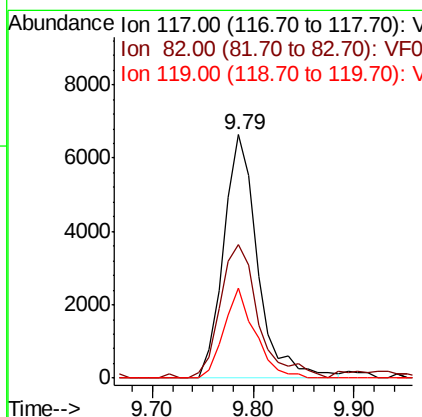
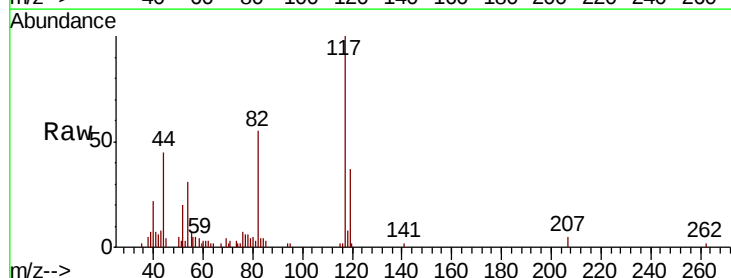
Instrument :
MSVOA_F
ClientSampleId :
CL-02-110118-D

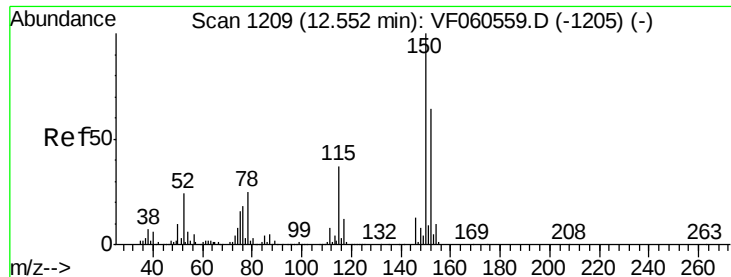
Tot Ion: 95 Resp: 12471
Ion Ratio Lower Upper
95 100
174 75.0 0.0 149.0
176 95.2 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060597.D
Acq: 6 Nov 2018 6:14

Tgt Ion: 117 Resp: 15566
Ion Ratio Lower Upper
117 100
82 54.9 43.9 65.9
119 37.1 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF060597.D

Acq: 6 Nov 2018 6:14

Instrument :

MSVOA_F

ClientSampleId :

CL-02-110118-D

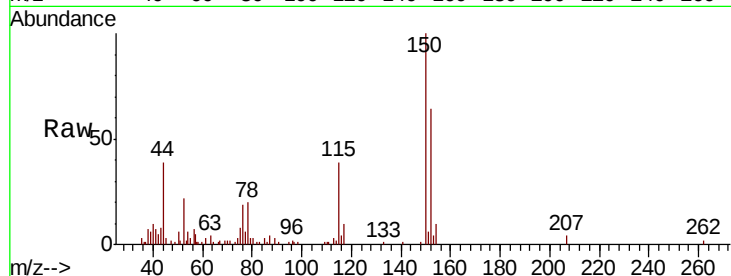
Tot Ion:152 Resp: 10696

Ion Ratio Lower Upper

152 100

115 61.3 29.6 88.8

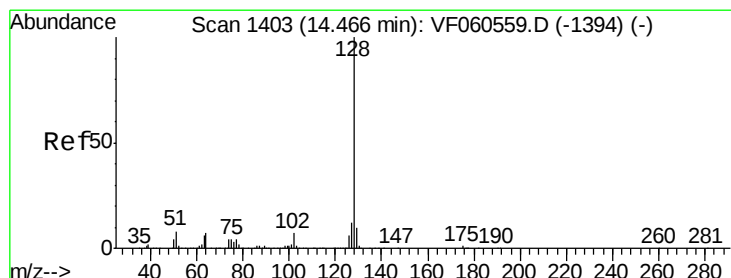
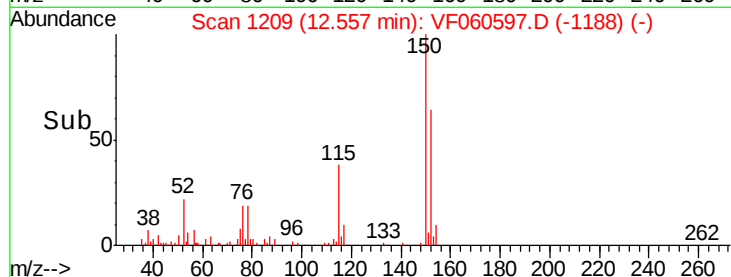
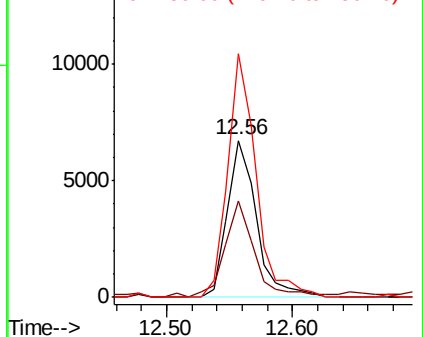
150 155.4 0.0 315.6



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: 6.552 ug/l

RT: 14.47 min Scan# 1403

Delta R.T. 0.01 min

Lab File: VF060597.D

Acq: 6 Nov 2018 6:14

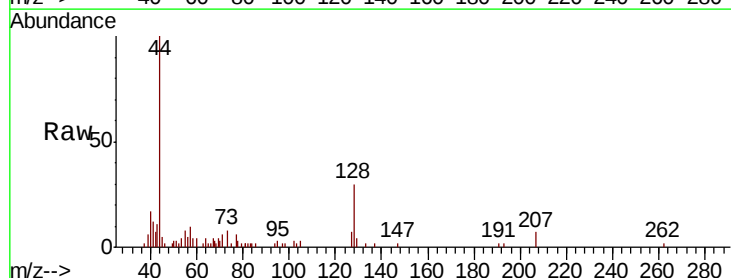
Tgt Ion:128 Resp: 2986

Ion Ratio Lower Upper

128 100

127 25.3 9.4 14.0#

129 12.7 8.4 12.6#



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

