

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059547.D
 Acq On : 19 Jul 2018 8:50
 Operator : VA/AP
 Sample : J4001-01
 Misc : 11.03g/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-02-0-2

Quant Time: Jul 19 14:48:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

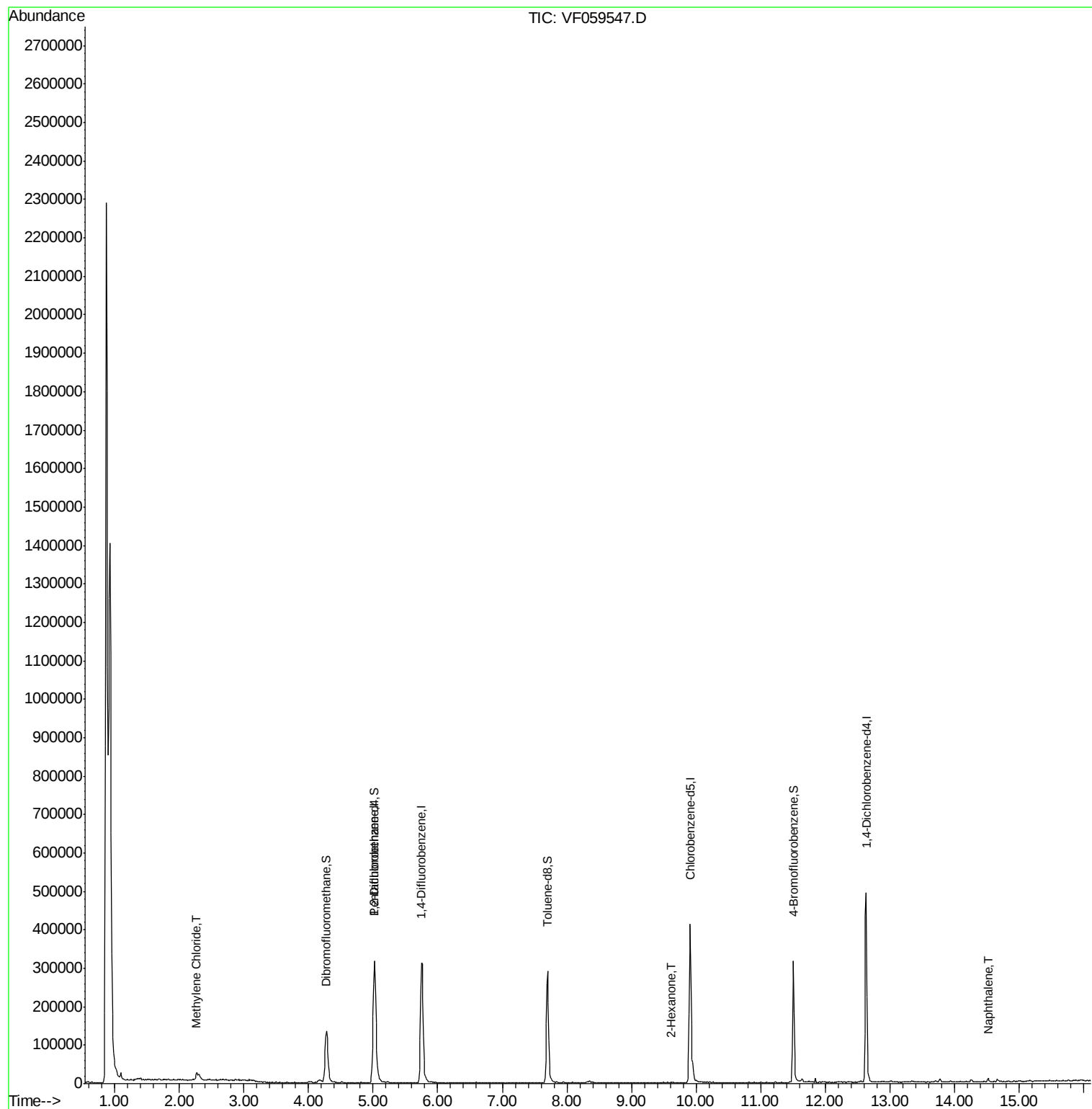
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	217189	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.76	114	323033	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	282609	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	132596	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	139899	41.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	82.84%	
35) Dibromofluoromethane	4.28	113	118614	42.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.80%	
50) Toluene-d8	7.70	98	240055	34.06	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	68.12%	
62) 4-Bromofluorobenzene	11.51	95	113510	30.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	61.40%	
Target Compounds						
20) Methylene Chloride	2.27	84	14111	5.15	ug/l #	85
59) 2-Hexanone	9.62	43	2066	1.66	ug/l	80
95) Naphthalene	14.52	128	5437	1.12	ug/l #	92

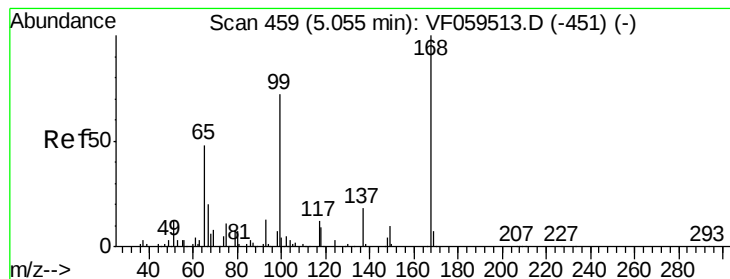
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.03 min

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Acq: 19 Jul 2018 8:50

Instrument :

MSVOA_F

ClientSampleId :

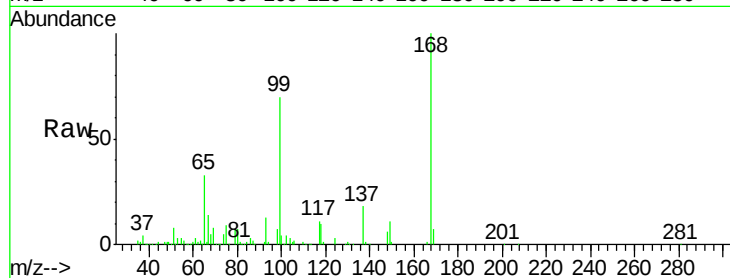
CON-SB-02-0-2

Tot Ion:168 Resp: 217189

Ion Ratio Lower Upper

168 100

99 70.2 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

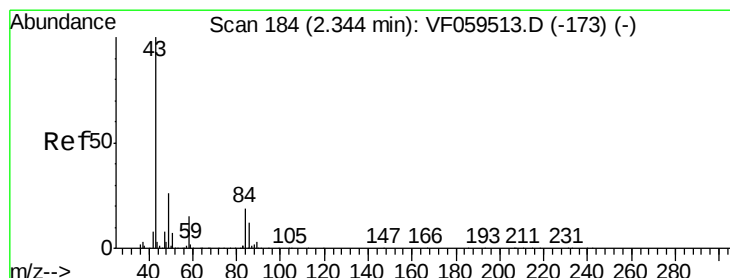
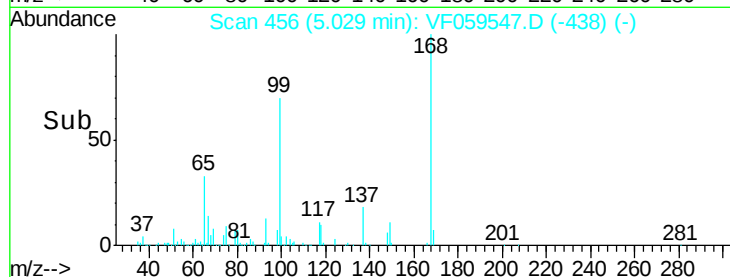
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 5.15 ug/l

RT: 2.27 min Scan# 176

Delta R.T. -0.07 min

Lab File: VF059547.D

Acq: 19 Jul 2018 8:50

Tgt Ion: 84 Resp: 14111

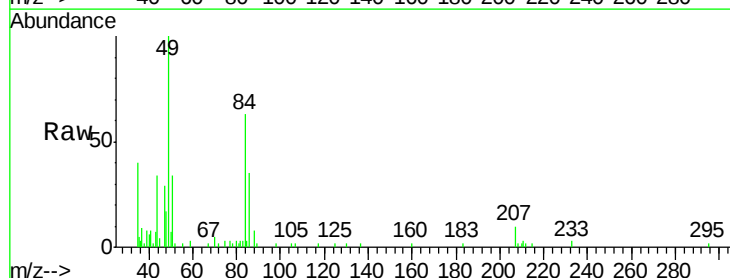
Ion Ratio Lower Upper

84 100

49 157.7 109.4 164.2

51 52.9 30.5 45.7#

86 55.9 47.6 71.4



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

8000

6000

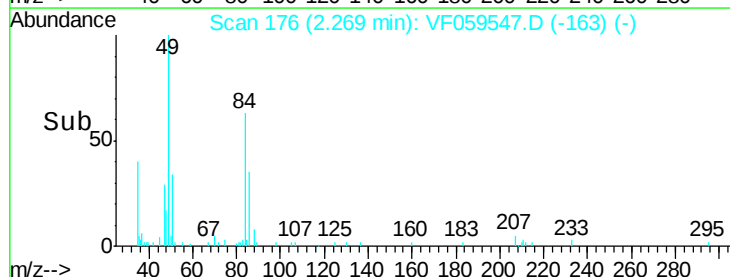
4000

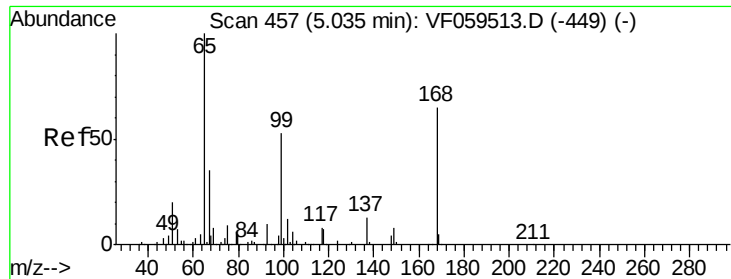
2000

0

Time-->

2.20 2.30 2.40

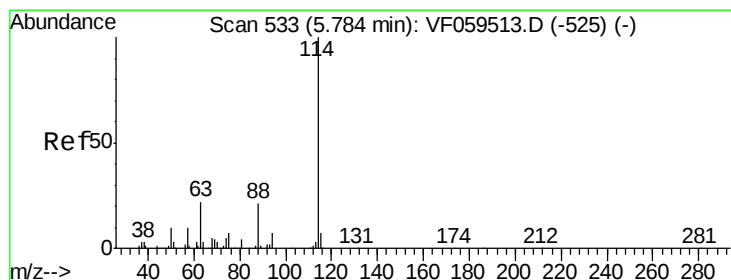
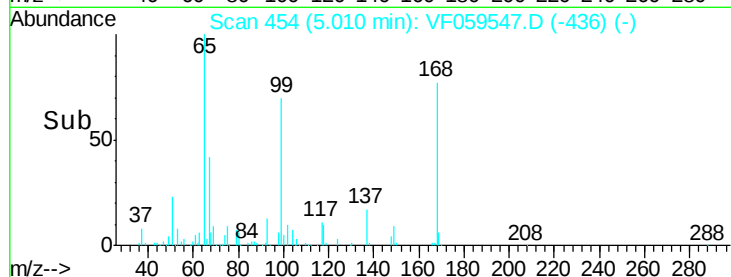
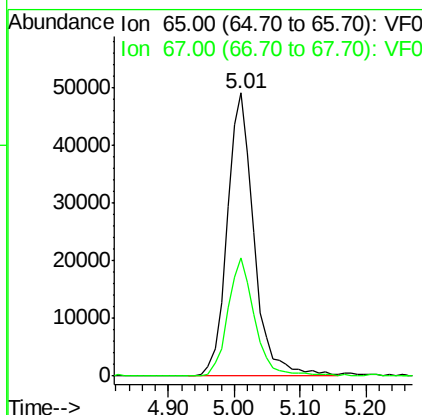
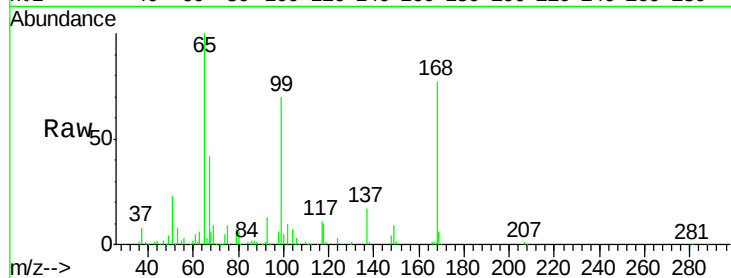




#33
 1,2-Dichloroethane-d4
 Concen: 41.42 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.03 min
 Lab File: VF059547.D
 Acq: 19 Jul 2018 8:50

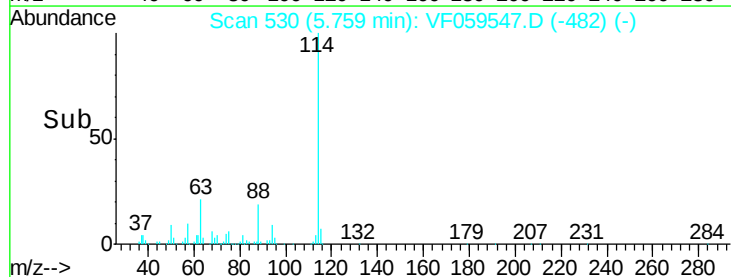
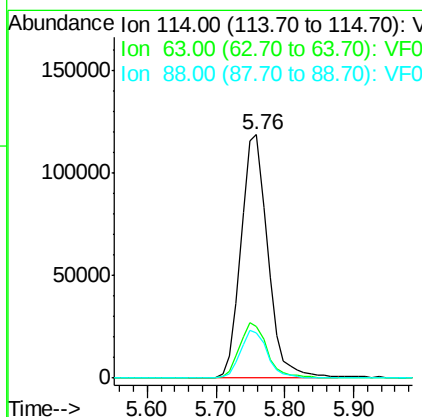
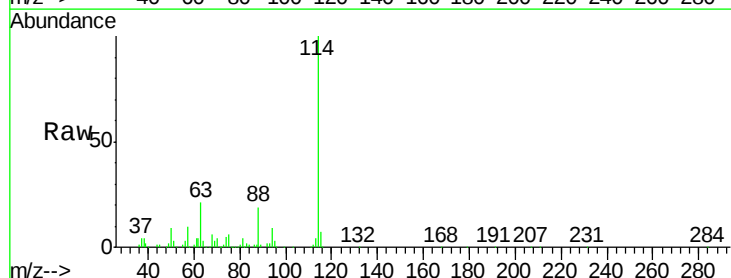
Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-02-0-2

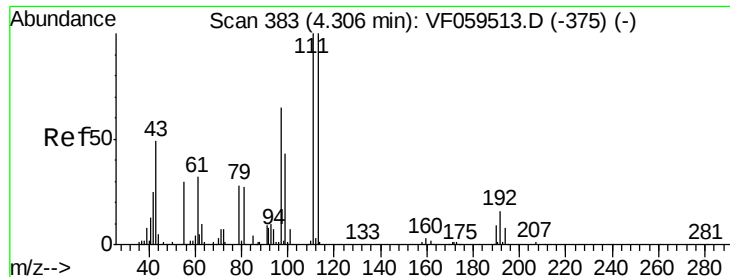
Tot Ion: 65 Resp: 139899
 Ion Ratio Lower Upper
 65 100
 67 41.7 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF059547.D
 Acq: 19 Jul 2018 8:50

Tgt Ion: 114 Resp: 323033
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.8
 88 18.6 0.0 42.6

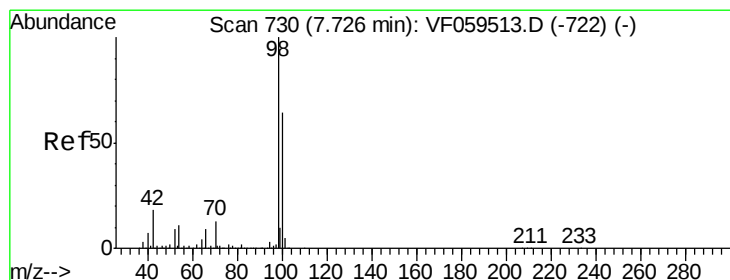
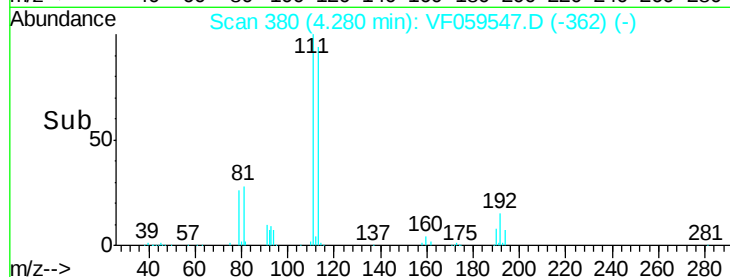
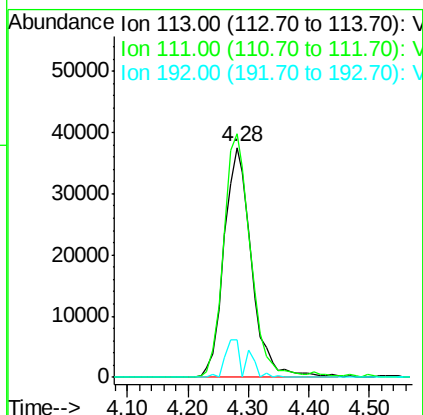
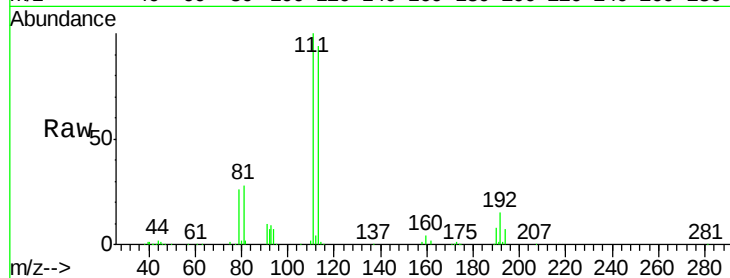




#35
 Dibromofluoromethane
 Concen: 42.40 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VF059547.D
 Acq: 19 Jul 2018 8:50

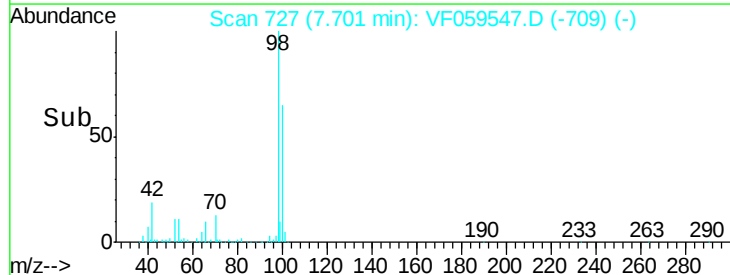
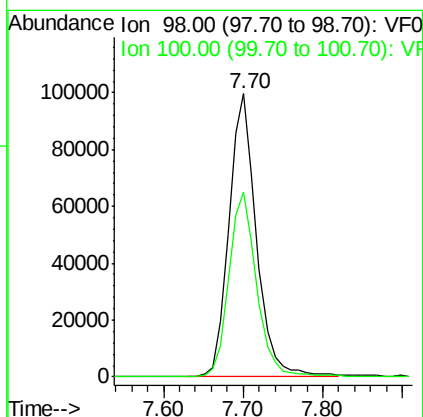
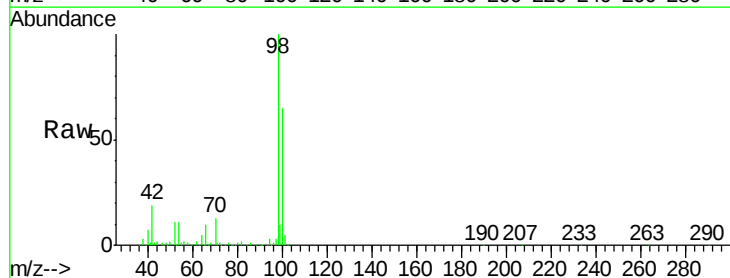
Instrument :
 MSVOA_F
 ClientSampleId :
 CON-SB-02-0-2

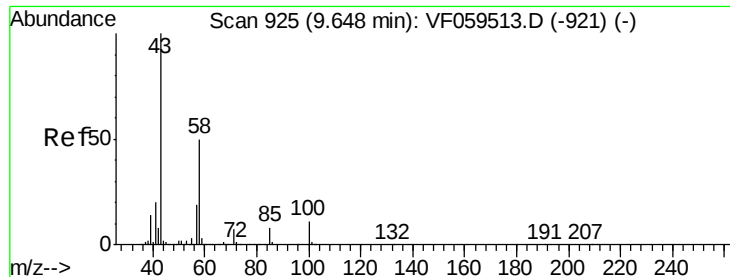
Tot Ion:113 Resp: 118614
 Ion Ratio Lower Upper
 113 100
 111 106.0 80.3 120.5
 192 16.4 13.1 19.7



#50
 Toluene-d8
 Concen: 34.06 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: VF059547.D
 Acq: 19 Jul 2018 8:50

Tgt Ion: 98 Resp: 240055
 Ion Ratio Lower Upper
 98 100
 100 65.1 50.9 76.3

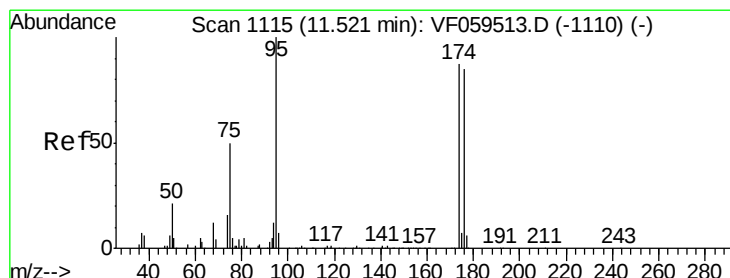
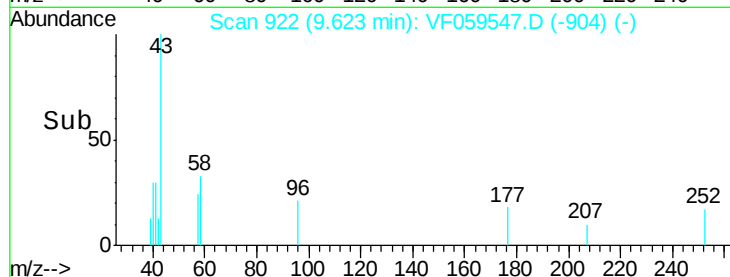
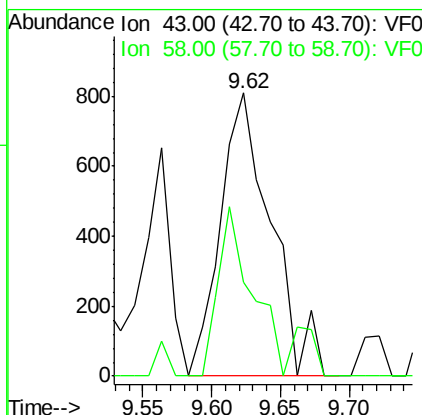
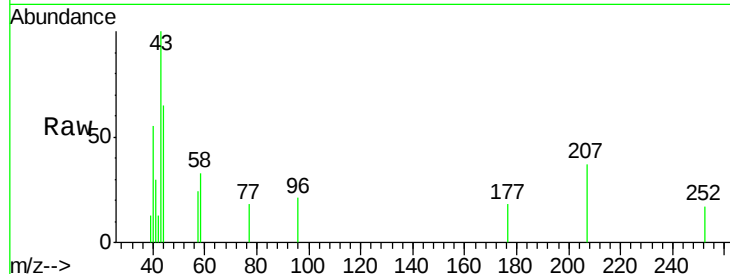




#59
2-Hexanone
Concen: 1.66 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.03 min
Lab File: VF059547.D
Acq: 19 Jul 2018 8:50

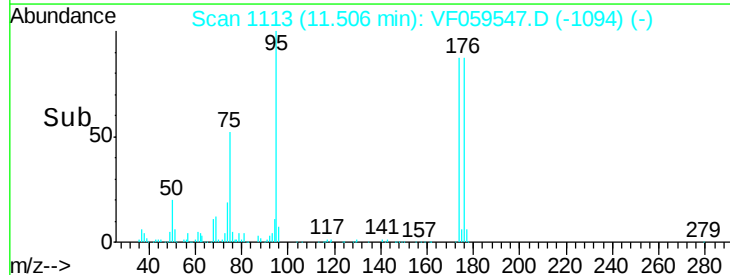
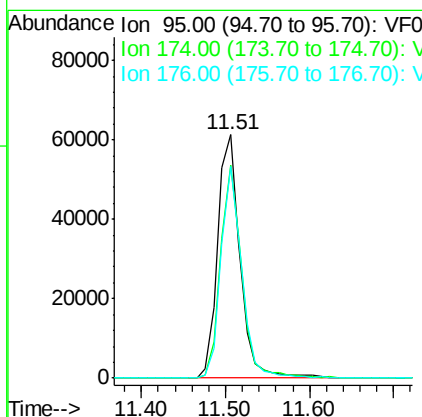
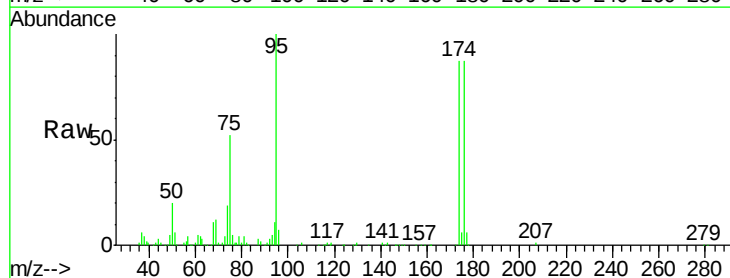
Instrument :
MSVOA_F
ClientSampleId :
CON-SB-02-0-2

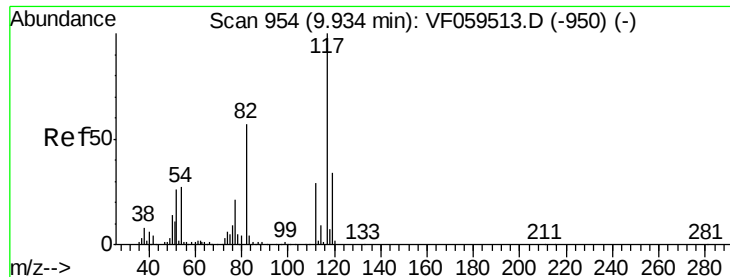
Tot Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 33.0 23.3 69.9



#62
4-Bromofluorobenzene
Concen: 30.70 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059547.D
Acq: 19 Jul 2018 8:50

Tgt Ion: 95 Resp: 113510
Ion Ratio Lower Upper
95 100
174 87.3 0.0 174.4
176 87.0 0.0 169.4

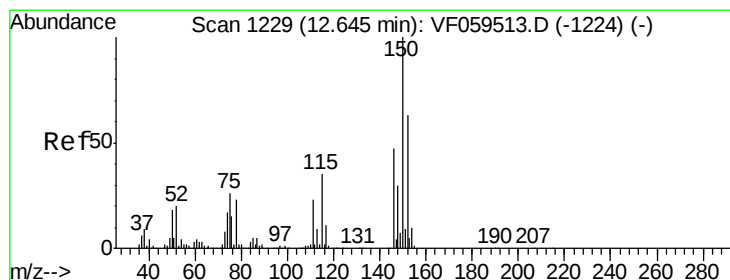
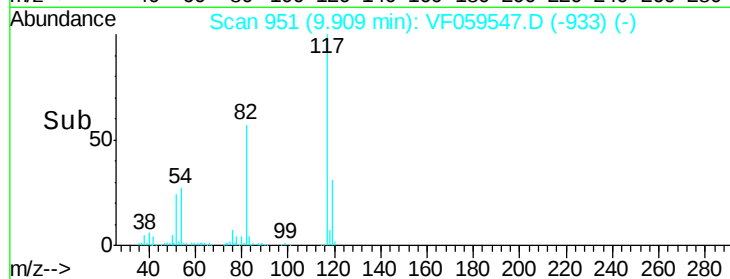
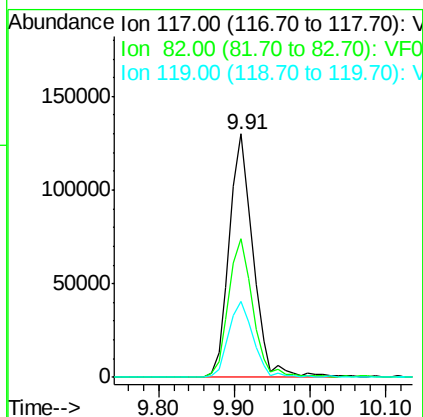
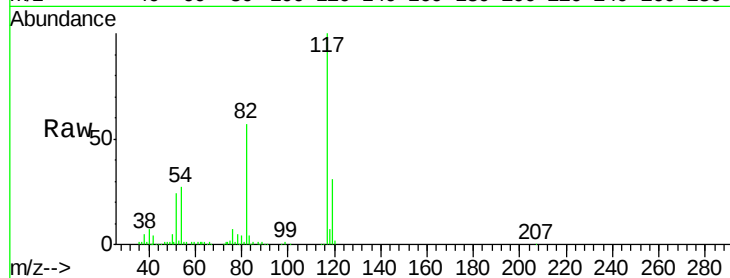




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059547.D
Acq: 19 Jul 2018 8:50

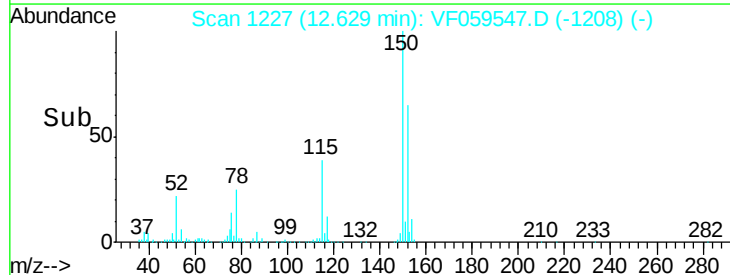
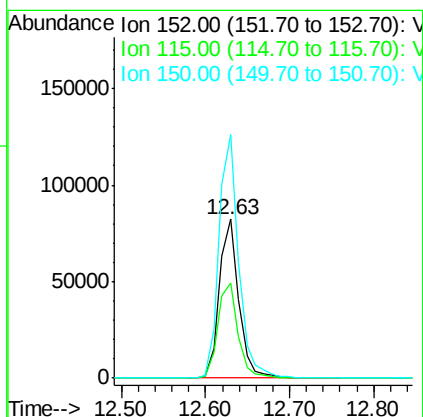
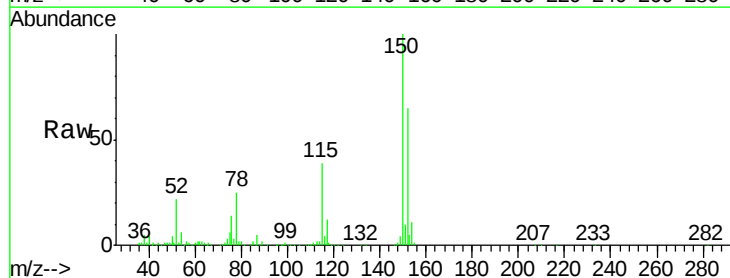
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CON-SB-02-0-2

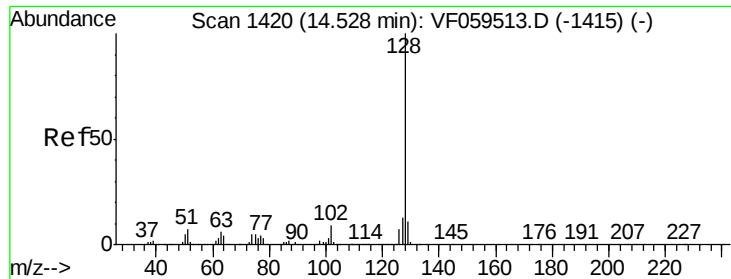
Tot Ion:117 Resp: 282609
Ion Ratio Lower Upper
117 100
82 57.0 46.1 69.1
119 31.0 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059547.D
Acq: 19 Jul 2018 8:50

Tgt Ion:152 Resp: 132596
Ion Ratio Lower Upper
152 100
115 59.7 27.8 83.3
150 153.6 0.0 318.4





#95

Naphthalene

Concen: 1.12 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059547.D

Acq: 19 Jul 2018 8:50

Instrument :

MSVOA_F

ClientSampleId :

CON-SB-02-0-2

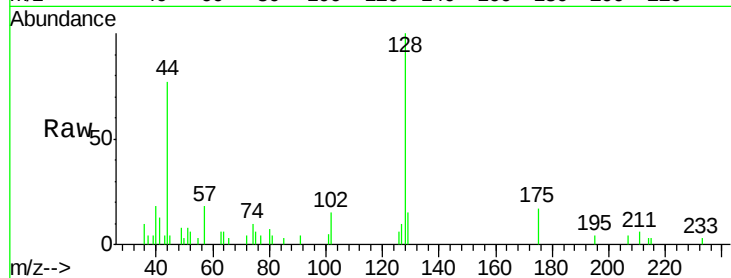
Tot Ion:128 Resp: 5437

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

129 14.7 9.0 13.4#



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

