

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059523.D
 Acq On : 18 Jul 2018 20:21
 Operator : VA/AP
 Sample : J3826-03
 Misc : 5.99g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-071618

Quant Time: Jul 19 05:19:11 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	5.02	168	233617	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	367757	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	308767	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	130739	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	182637	50.27	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	4.28	113	152883	48.00	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	7.70	98	283691	35.36	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	70.72%	
62) 4-Bromofluorobenzene	11.50	95	134537	31.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	63.94%	

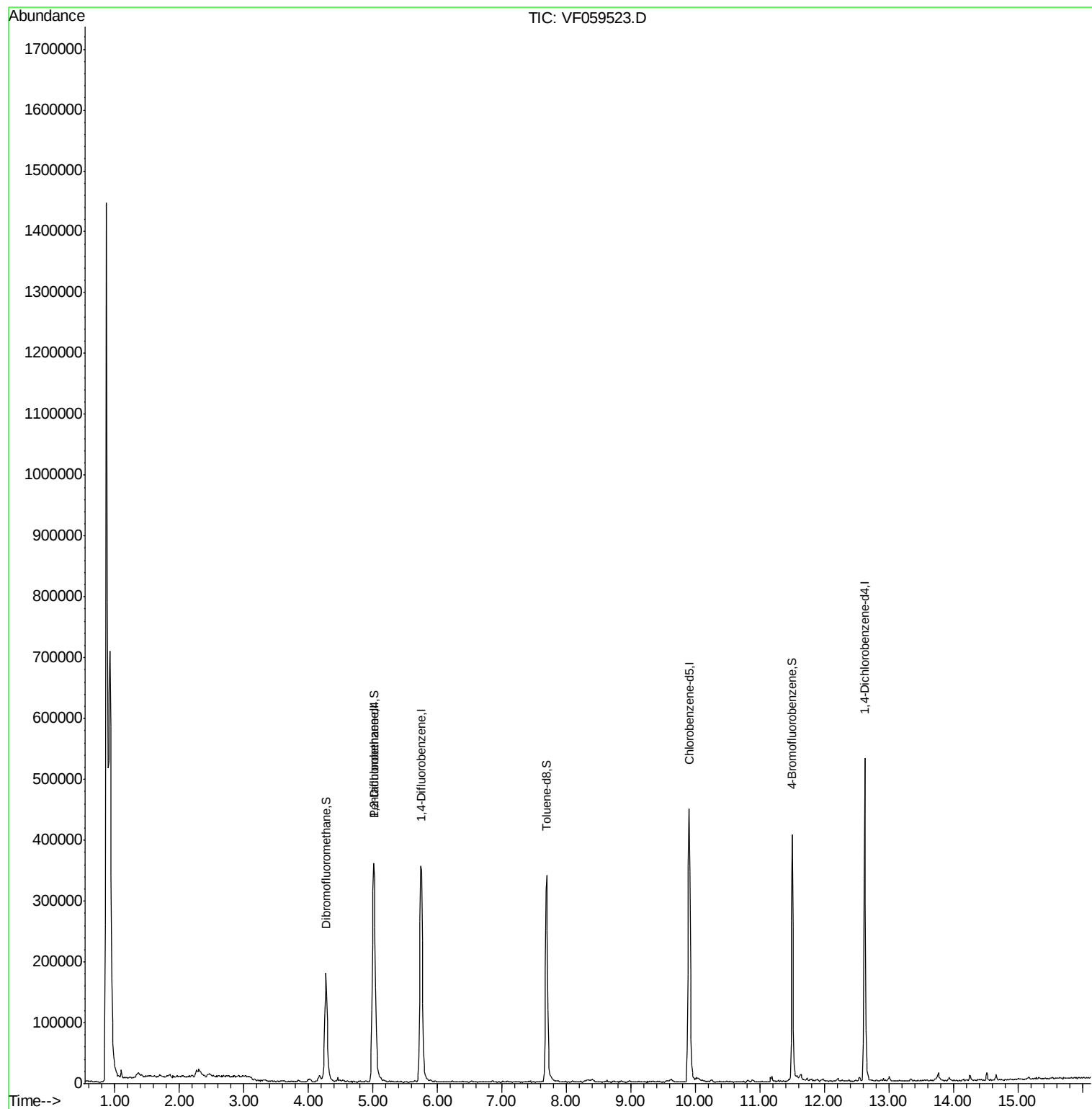
Target Compounds	Qvalue
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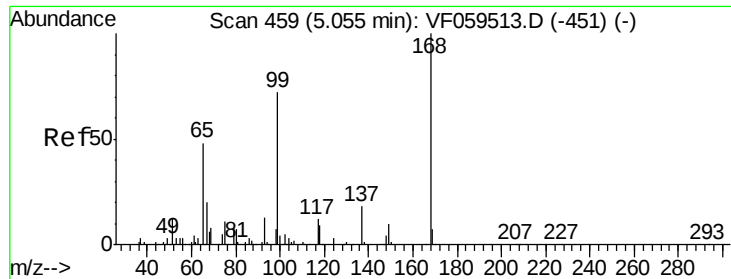
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF059523.D

Acq: 18 Jul 2018 20:21

Instrument :

MSVOA_F

ClientSampleId :

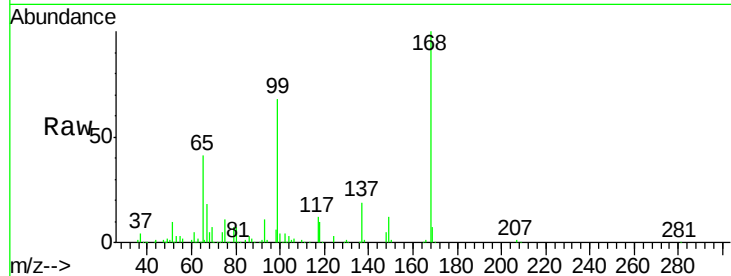
OK-01-071618

Tot Ion:168 Resp: 233617

Ion Ratio Lower Upper

168 100

99 67.9 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

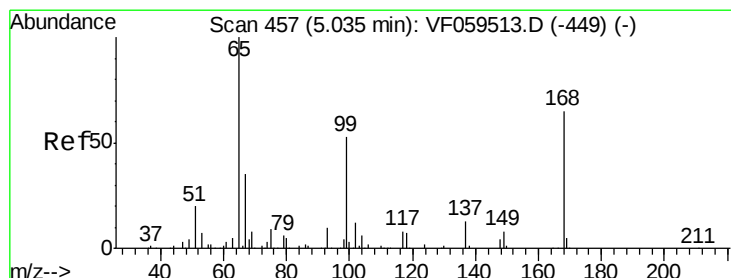
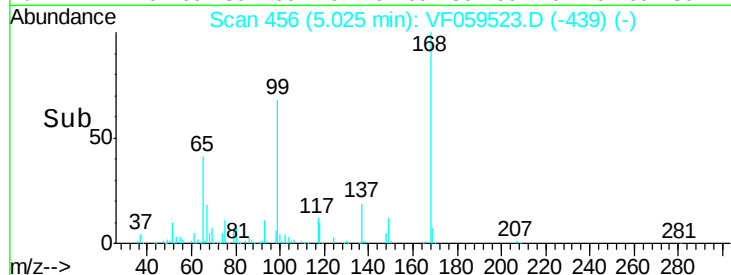
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 50.27 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF059523.D

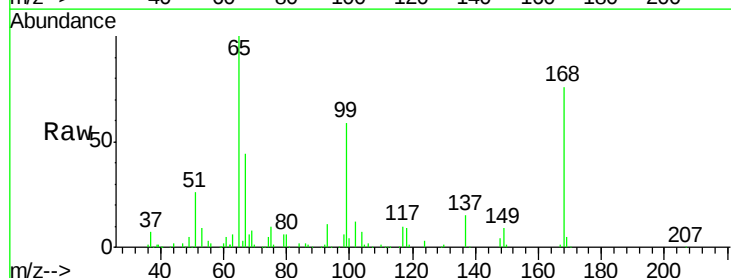
Acq: 18 Jul 2018 20:21

Tgt Ion: 65 Resp: 182637

Ion Ratio Lower Upper

65 100

67 44.0 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

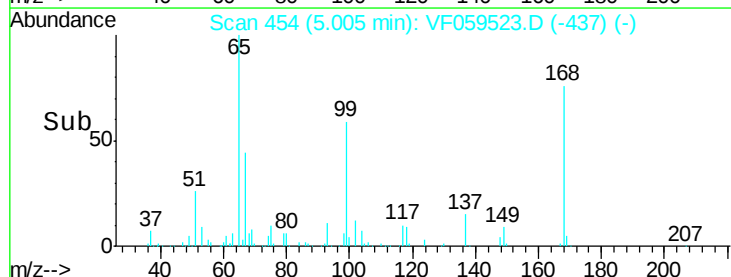
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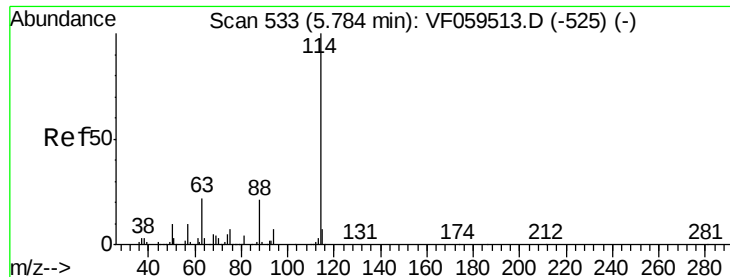
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Time-->

4.90 5.00 5.10 5.20

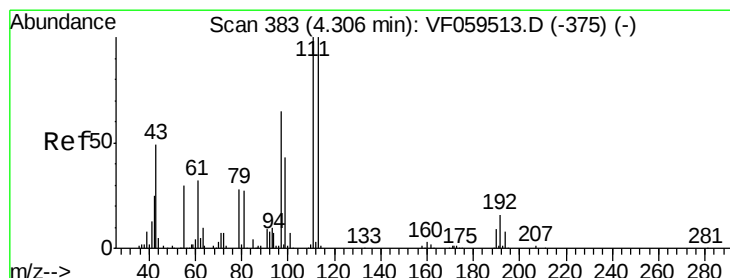
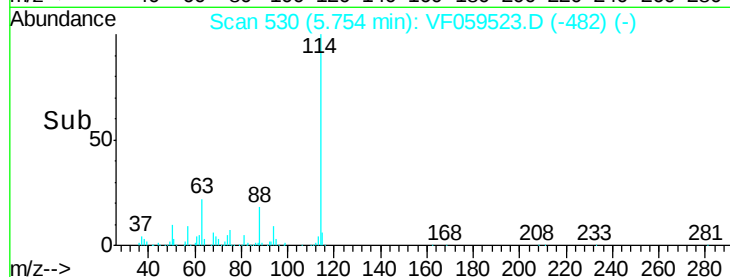
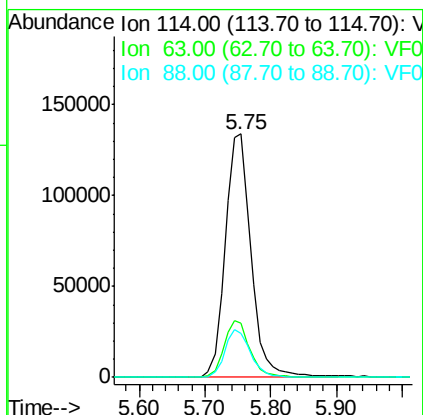
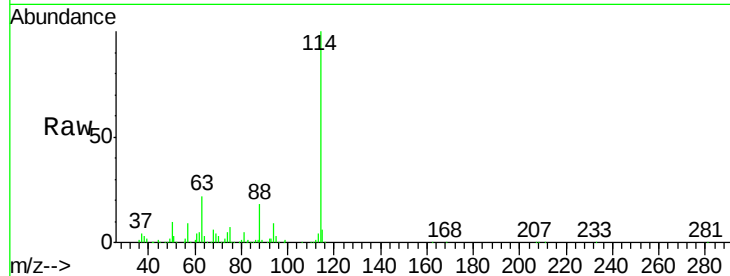




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF059523.D
 Acq: 18 Jul 2018 20:21

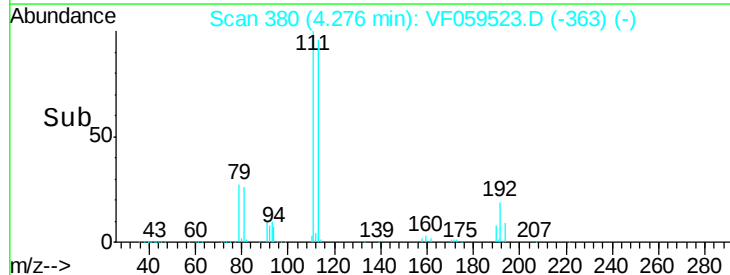
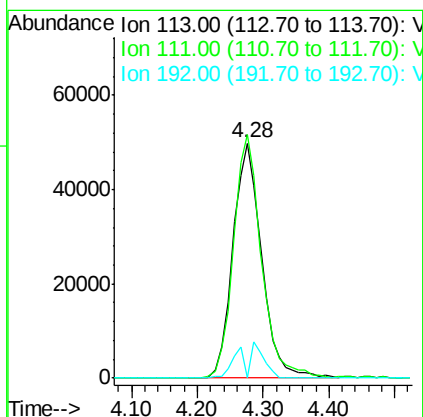
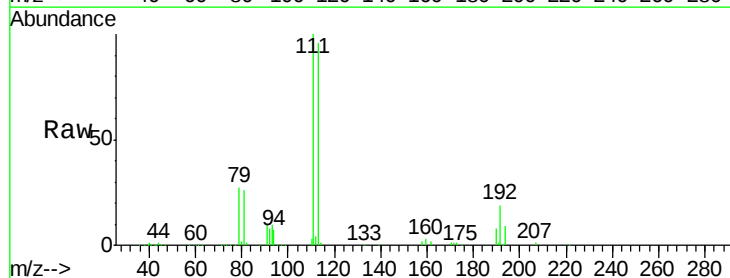
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-071618

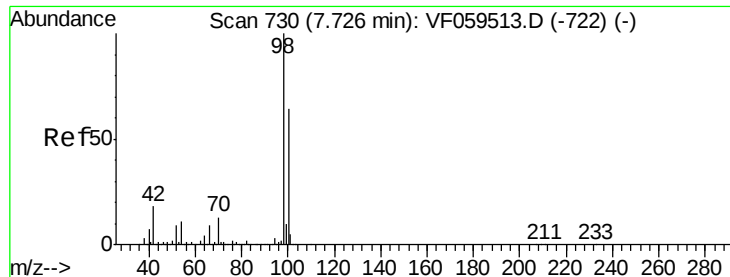
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.8
88	18.1	0.0	42.6



#35
 Dibromofluoromethane
 Concen: 48.00 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VF059523.D
 Acq: 18 Jul 2018 20:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.3	120.5
192	0.0	13.1	19.7#

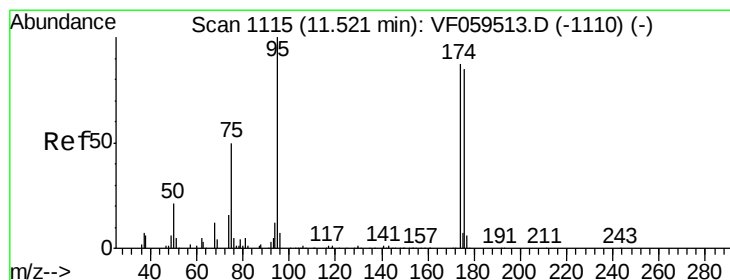
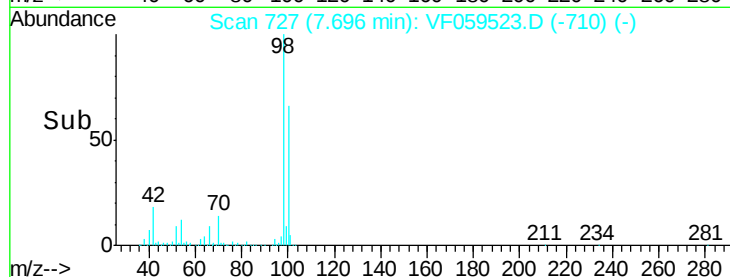
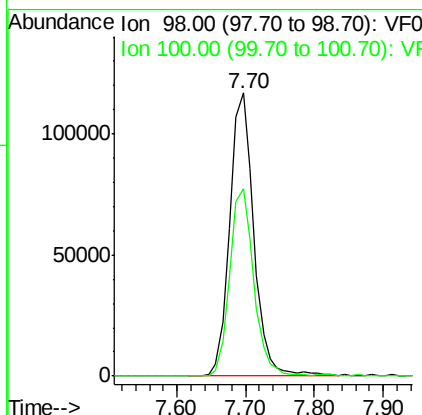
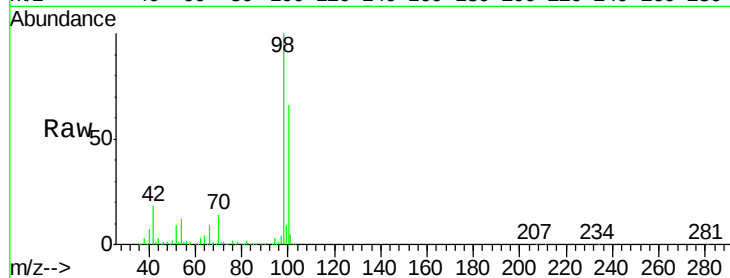




#50
Toluene-d8
Concen: 35.36 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF059523.D
Acq: 18 Jul 2018 20:21

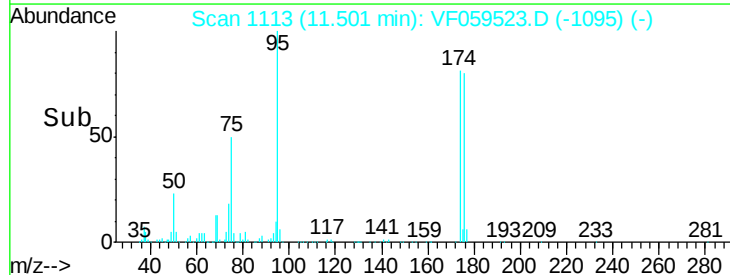
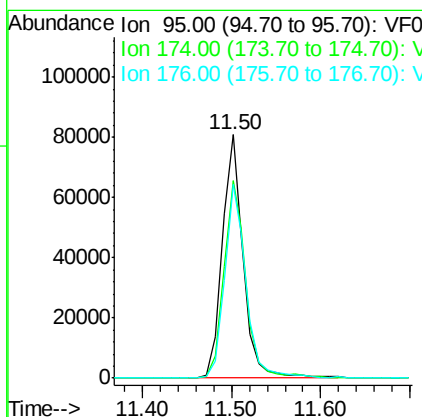
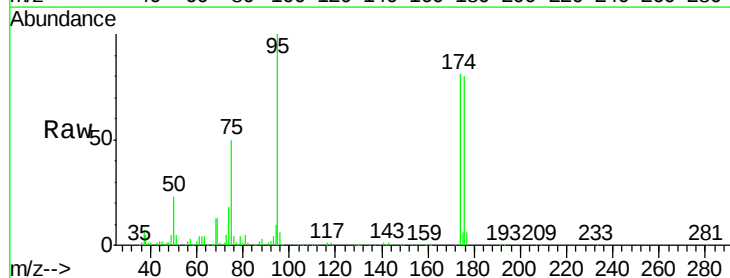
Instrument :
MSVOA_F
ClientSampleId :
OK-01-071618

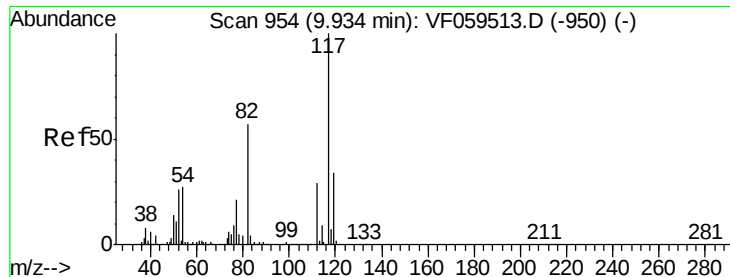
Tot Ion: 98 Resp: 283691
Ion Ratio Lower Upper
98 100
100 66.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.97 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059523.D
Acq: 18 Jul 2018 20:21

Tgt Ion: 95 Resp: 134537
Ion Ratio Lower Upper
95 100
174 81.0 0.0 174.4
176 79.6 0.0 169.4

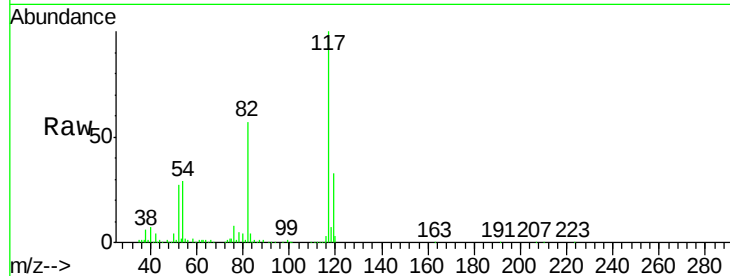




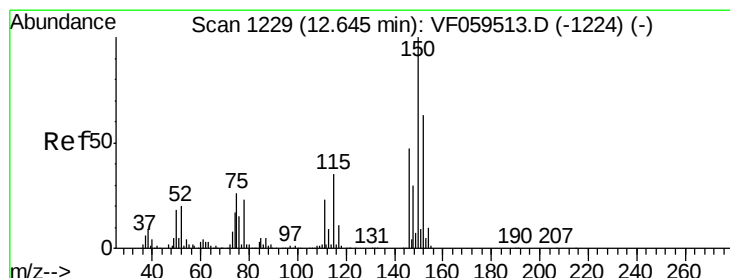
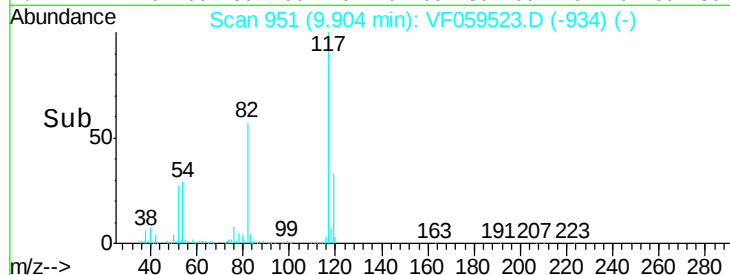
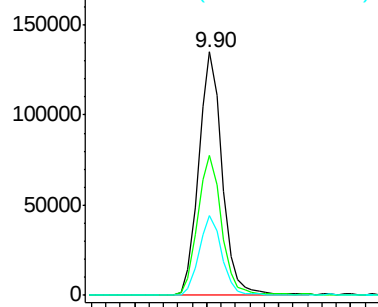
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059523.D
Acq: 18 Jul 2018 20:21

Instrument :
MSVOA_F
ClientSampleId :
OK-01-071618

Tot Ion:117 Resp: 308767
Ion Ratio Lower Upper
117 100
82 57.2 46.1 69.1
119 32.7 27.2 40.8

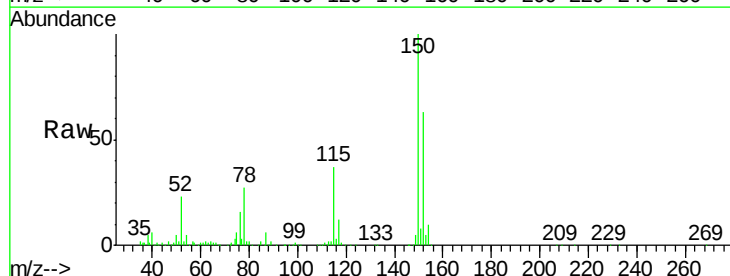


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059523.D
Acq: 18 Jul 2018 20:21

Tgt Ion:152 Resp: 130739
Ion Ratio Lower Upper
152 100
115 57.9 27.8 83.3
150 158.1 0.0 318.4



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

