

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059573.D
 Acq On : 19 Jul 2018 23:41
 Operator : VA/AP
 Sample : J4054-06
 Misc : 6.38g/5mL/MSVOA F/SOIL
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 161-TP-1

Quant Time: Jul 20 06:53:56 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

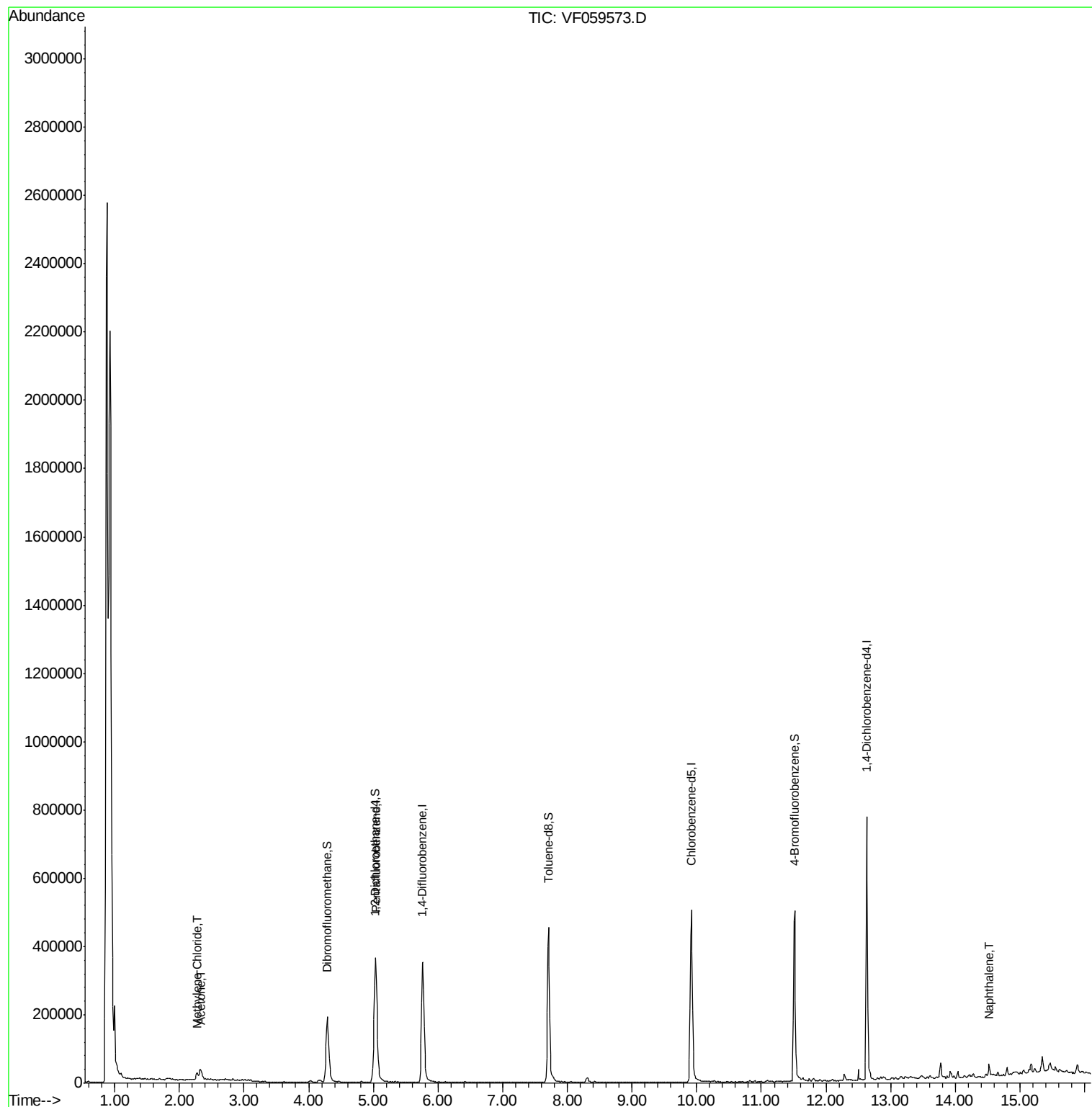
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	267411	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	393602	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	376519	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	206387	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	179277	43.11	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.22%	
35) Dibromofluoromethane	4.29	113	174894	51.31	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	7.71	98	380617	44.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.66%	
62) 4-Bromofluorobenzene	11.51	95	186760	41.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.92%	
Target Compounds						
16) Acetone	2.33	43	52769	64.50	ug/l	97
20) Methylene Chloride	2.28	84	12223	2.13	ug/l #	93
95) Naphthalene	14.52	128	20021	2.65	ug/l	98

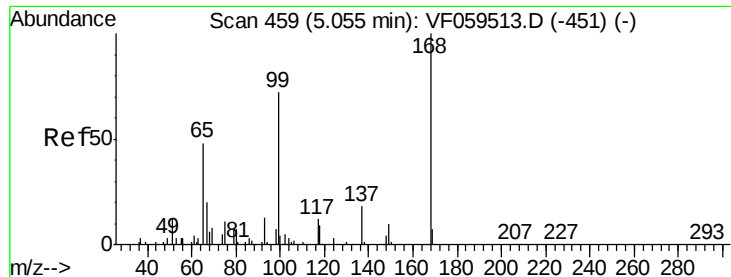
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

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Acq: 19 Jul 2018 23:41

Instrument :

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ClientSampleId :

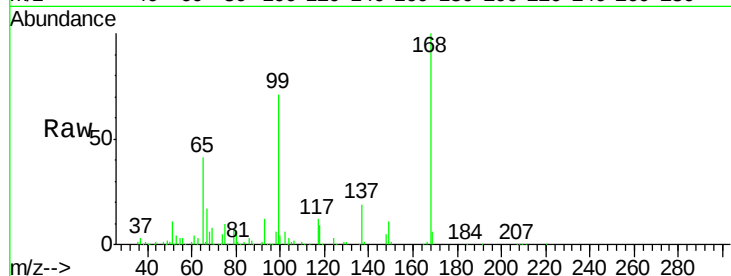
161-TP-1

Tot Ion:168 Resp: 267411

Ion Ratio Lower Upper

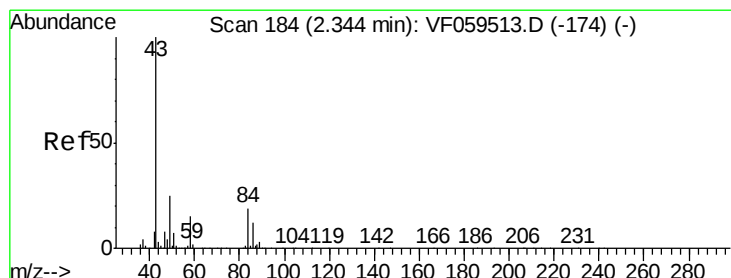
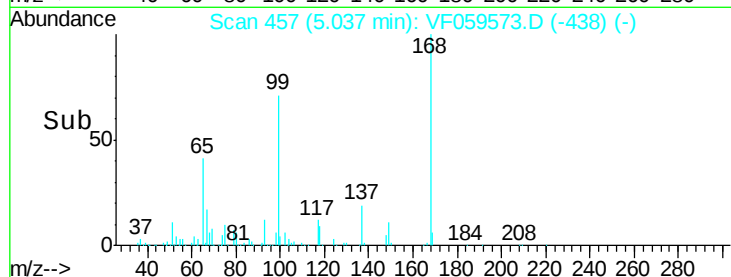
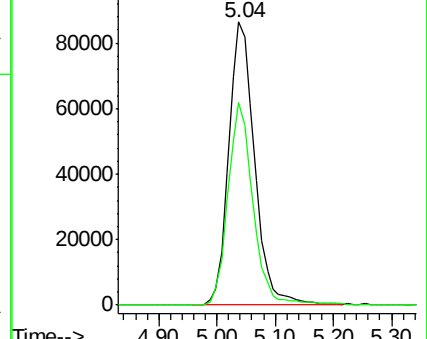
168 100

99 71.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 64.50 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF059573.D

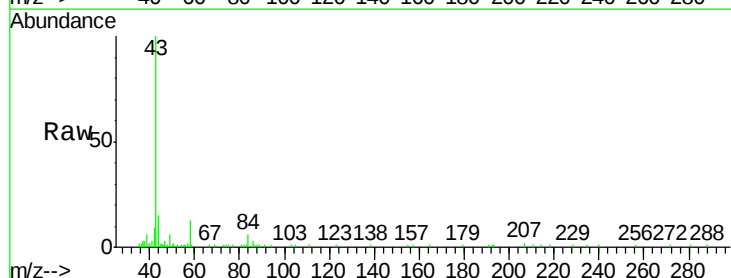
Acq: 19 Jul 2018 23:41

Tgt Ion: 43 Resp: 52769

Ion Ratio Lower Upper

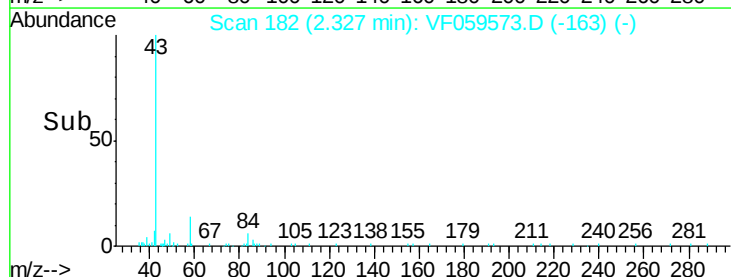
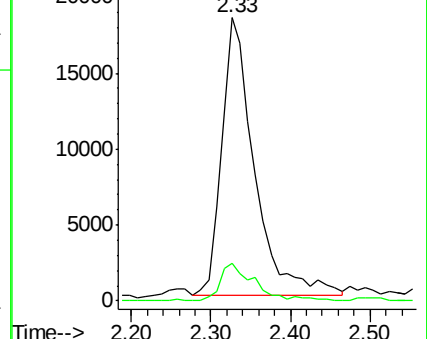
43 100

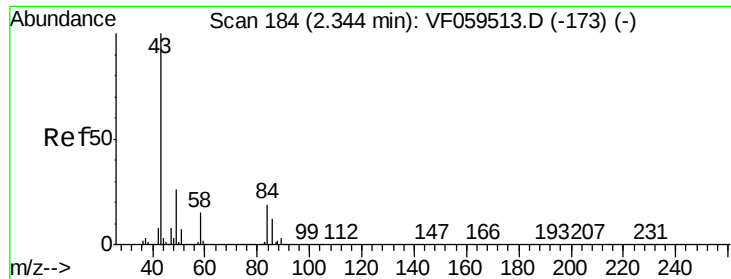
58 13.3 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

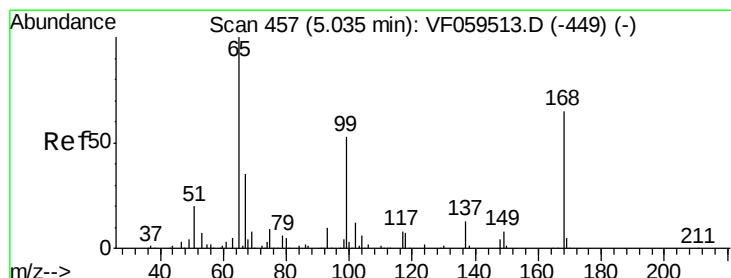
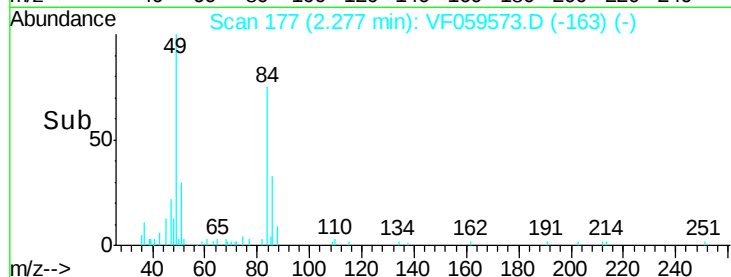
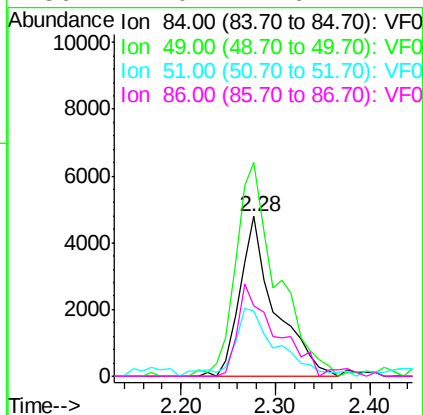
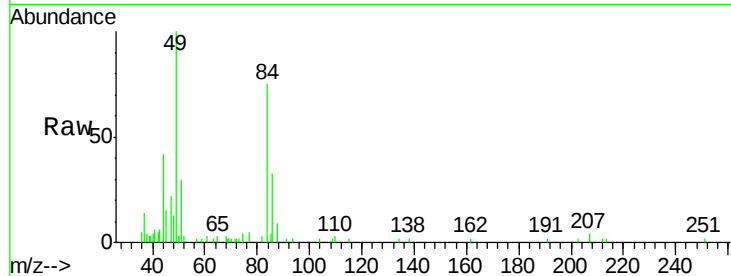




#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 2.28 min Scan# 177
Delta R.T. -0.07 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

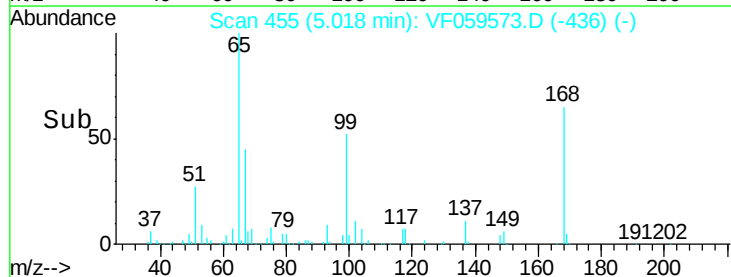
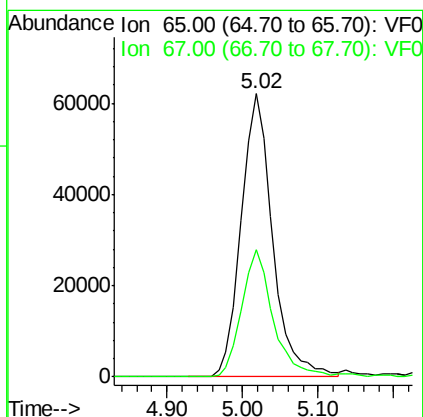
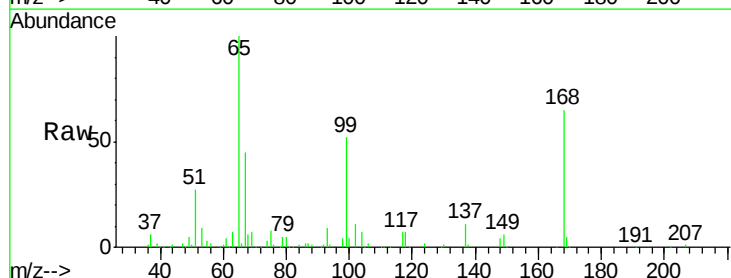
Instrument :
MSVOA_F
ClientSampleId :
161-TP-1

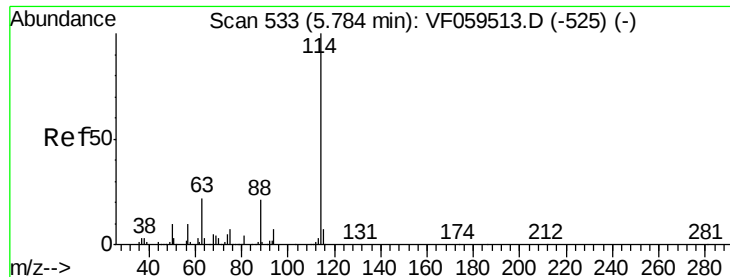
Tot Ion: 84 Resp: 12223
Ion Ratio Lower Upper
84 100
49 133.9 109.4 164.2
51 40.6 30.5 45.7
86 44.0 47.6 71.4#



#33
1,2-Dichloroethane-d4
Concen: 43.11 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 65 Resp: 179277
Ion Ratio Lower Upper
65 100
67 44.8 0.0 91.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

161-TP-1

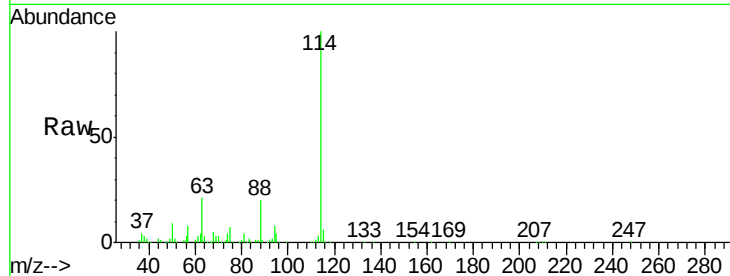
Tot Ion:114 Resp: 393602

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.8

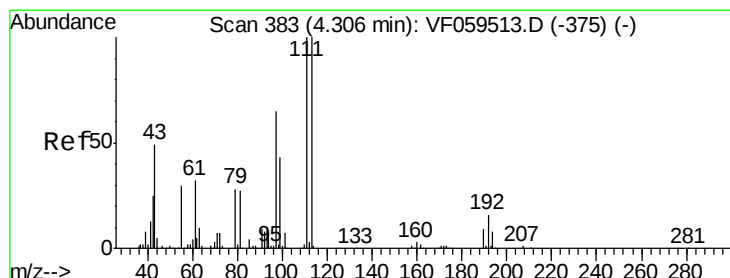
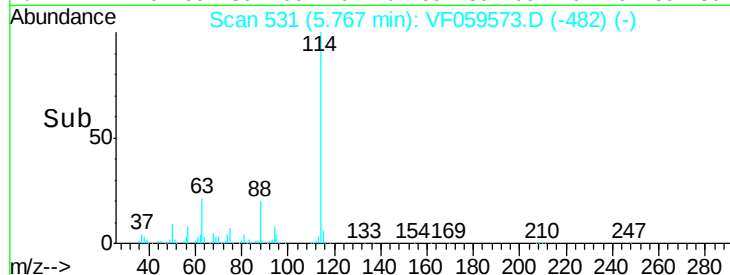
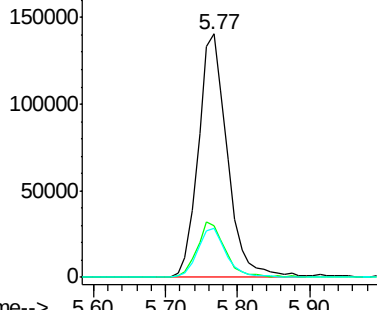
88 20.3 0.0 42.6



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: 51.31 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

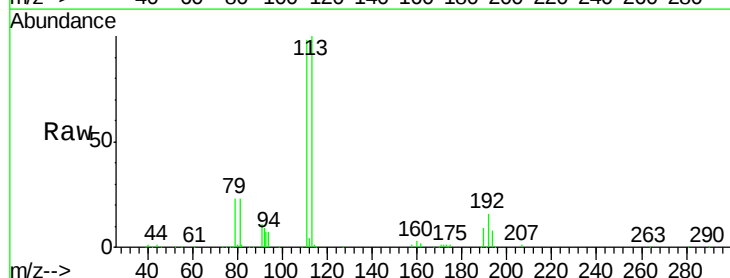
Tgt Ion:113 Resp: 174894

Ion Ratio Lower Upper

113 100

111 98.3 80.3 120.5

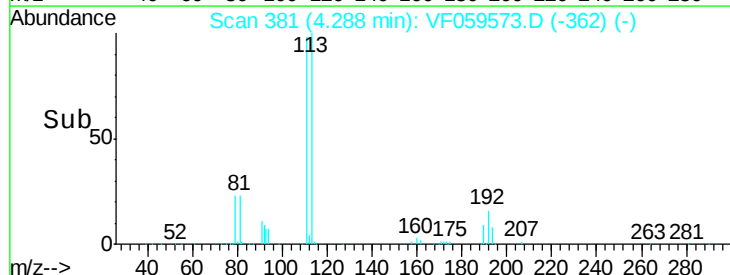
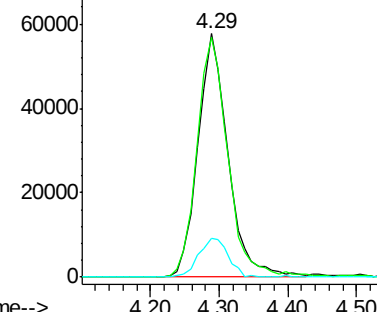
192 15.7 13.1 19.7

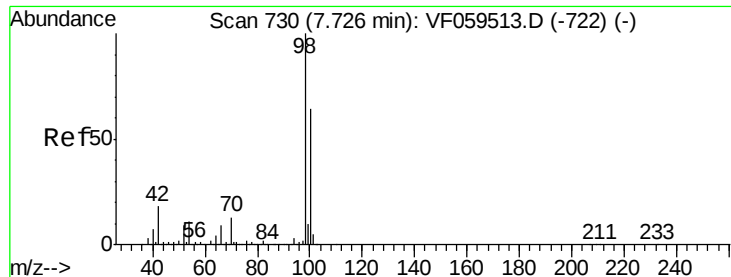


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

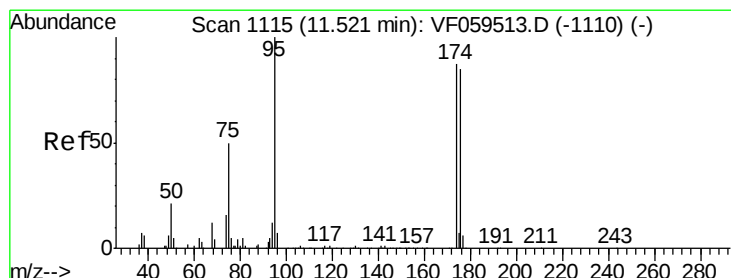
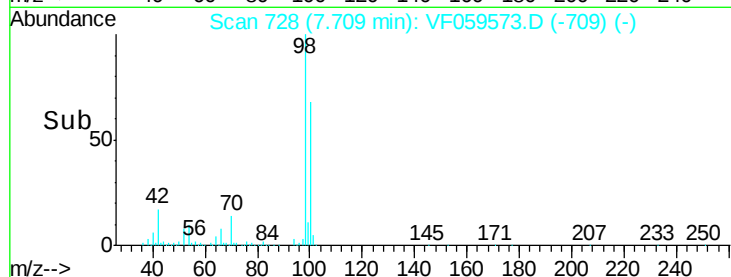
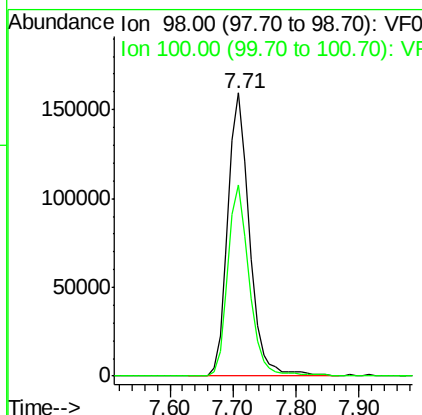
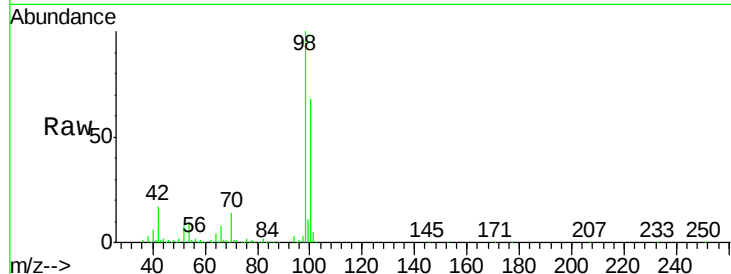




#50
Toluene-d8
Concen: 44.33 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

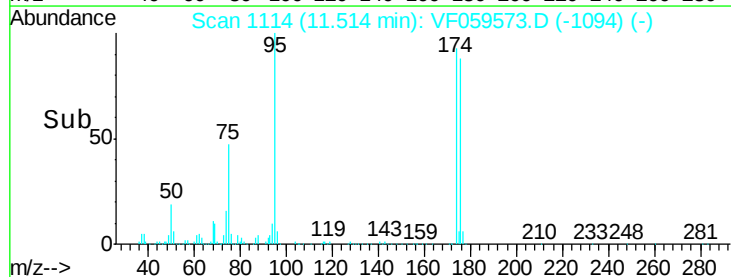
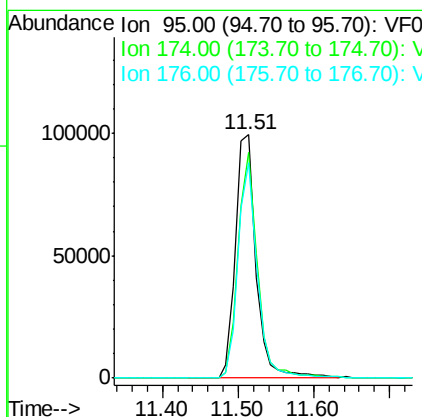
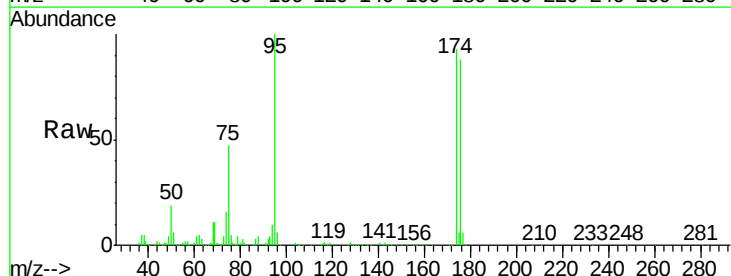
Instrument :
MSVOA_F
ClientSampleId :
161-TP-1

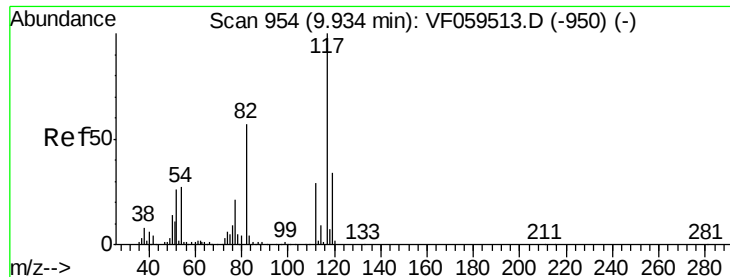
Tot Ion: 98 Resp: 380617
Ion Ratio Lower Upper
98 100
100 67.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.46 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion: 95 Resp: 186760
Ion Ratio Lower Upper
95 100
174 92.9 0.0 174.4
176 88.3 0.0 169.4

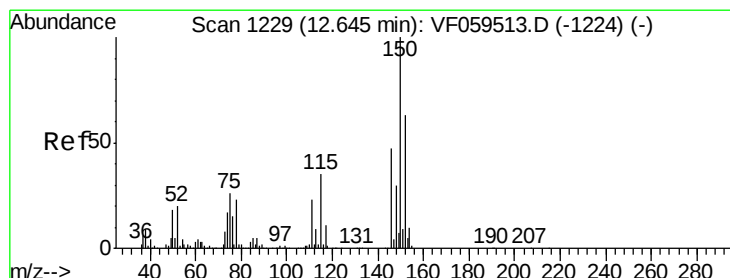
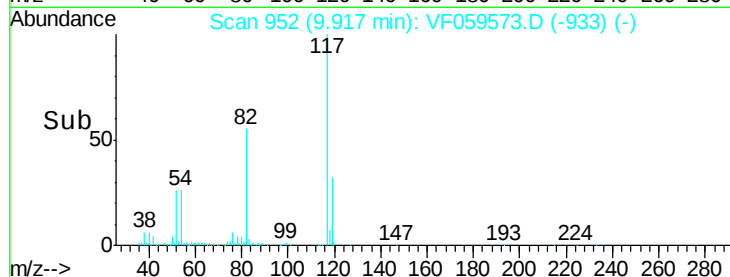
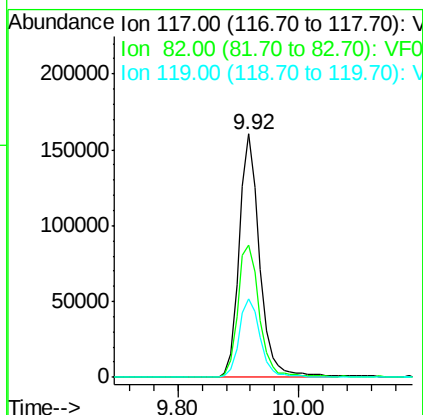
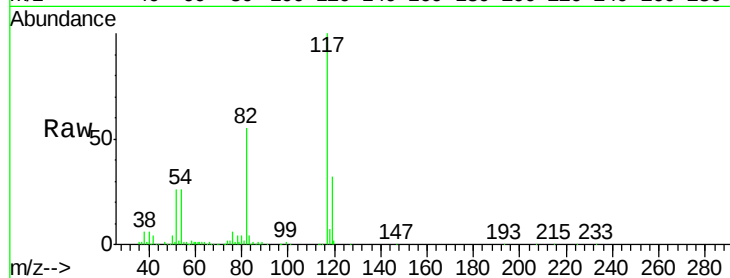




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

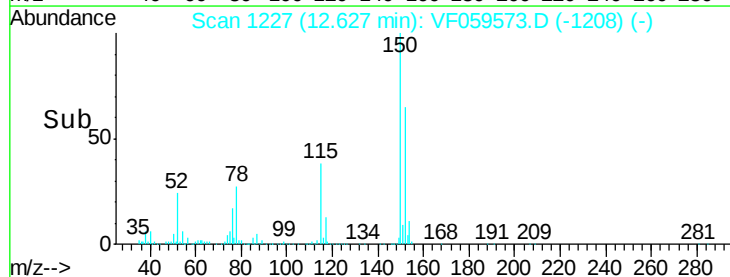
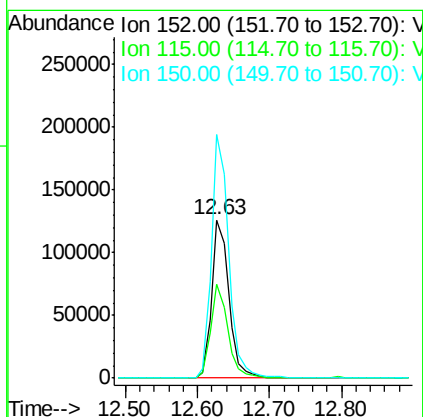
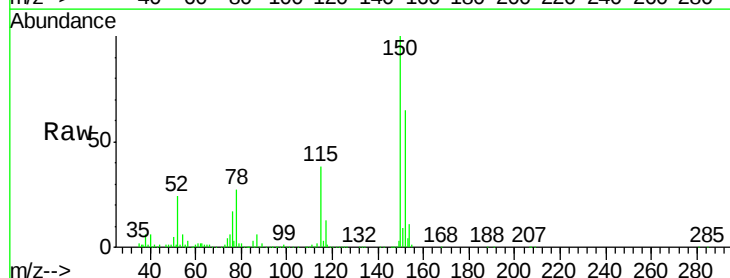
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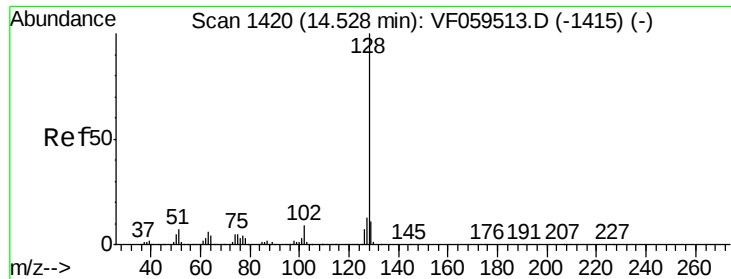
Tot Ion:117 Resp: 376519
Ion Ratio Lower Upper
117 100
82 54.5 46.1 69.1
119 32.4 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059573.D
Acq: 19 Jul 2018 23:41

Tgt Ion:152 Resp: 206387
Ion Ratio Lower Upper
152 100
115 59.0 27.8 83.3
150 154.1 0.0 318.4





#95

Naphthalene

Concen: 2.65 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF059573.D

Acq: 19 Jul 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

161-TP-1

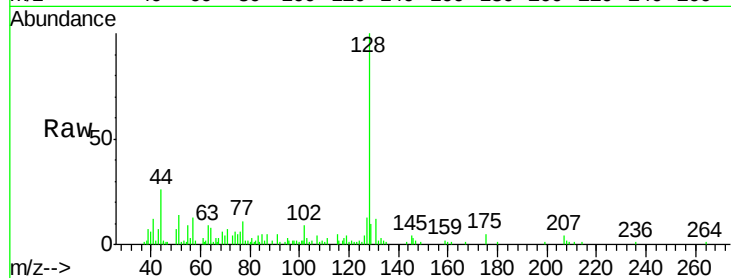
Tot Ion:128 Resp: 20021

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.1 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

