

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062064.D
 Acq On : 21 Mar 2019 16:54
 Operator : VA/AP
 Sample : K2018-01
 Misc : 6.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-A

Quant Time: Mar 22 08:35:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

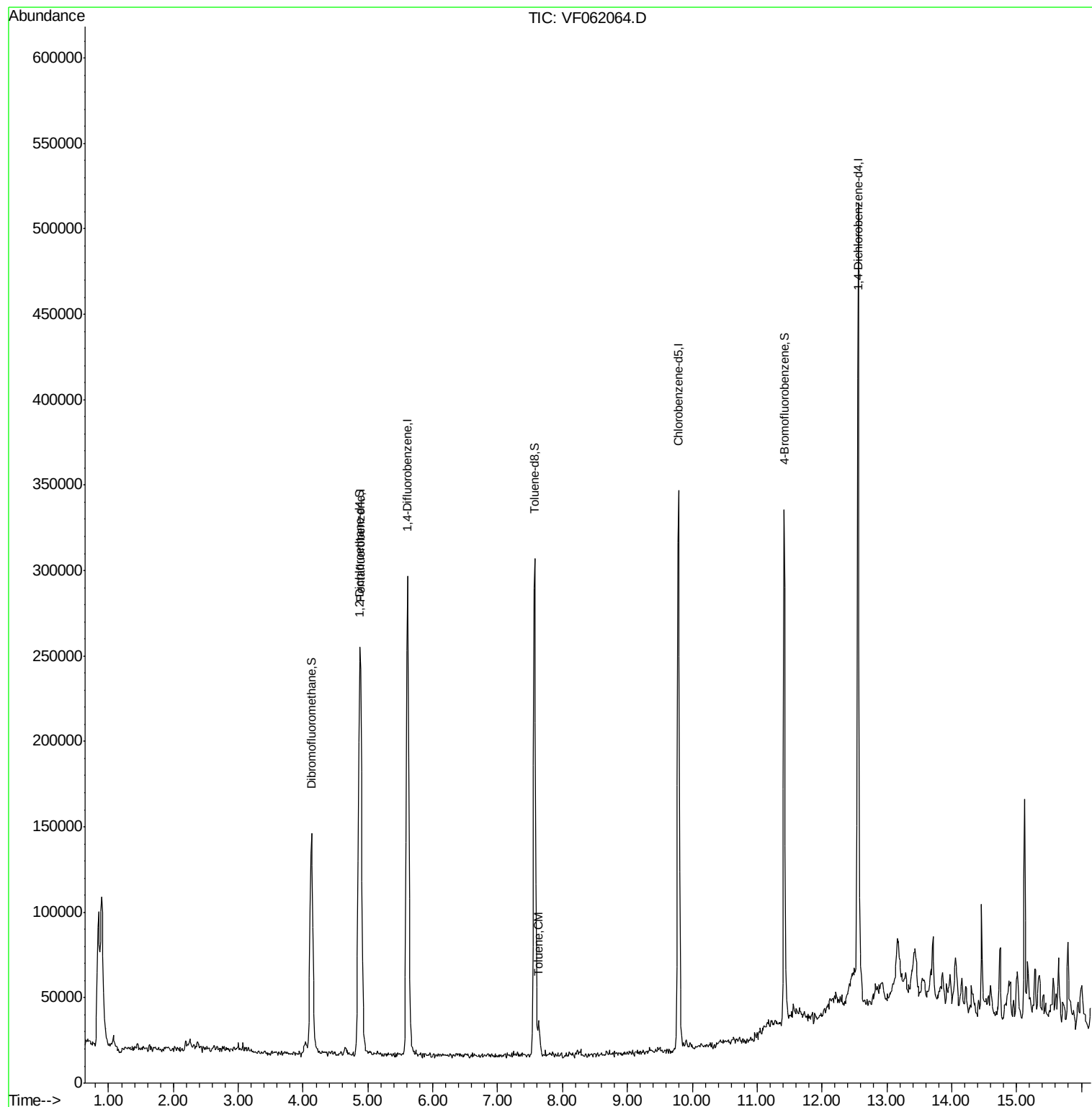
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	224992	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	358696	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	269497	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	127672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	90291	55.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.50%	
35) Dibromofluoromethane	4.13	113	129160	53.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.24%	
50) Toluene-d8	7.57	98	271575	38.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.14%	
62) 4-Bromofluorobenzene	11.42	95	115850	41.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.84%	
Target Compounds						
52) Toluene	7.64	92	10628	2.027	ug/l	Qvalue 99

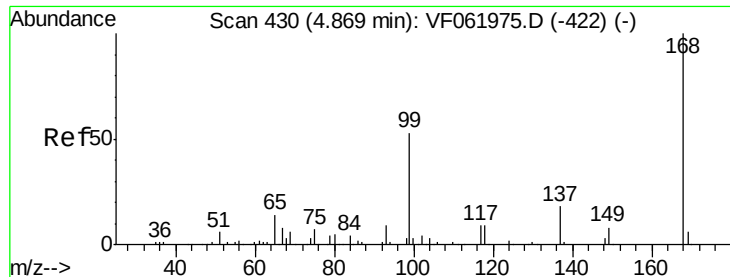
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF062064.D

Acq: 21 Mar 2019 16:54

Instrument :

MSVOA_F

ClientSampleId :

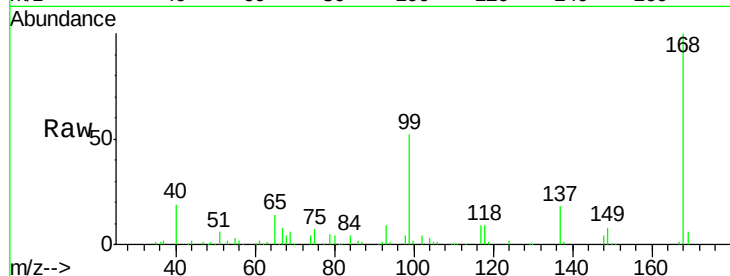
SP-1-A

Tot Ion:168 Resp: 224992

Ion Ratio Lower Upper

168 100

99 52.3 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.89

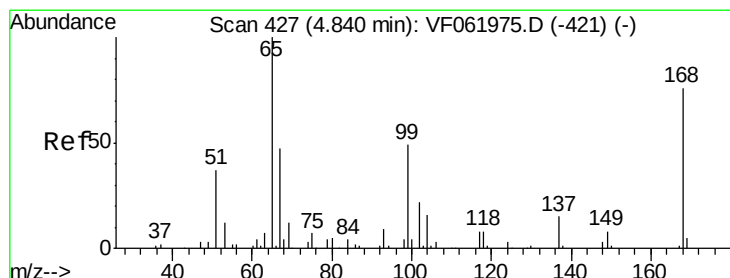
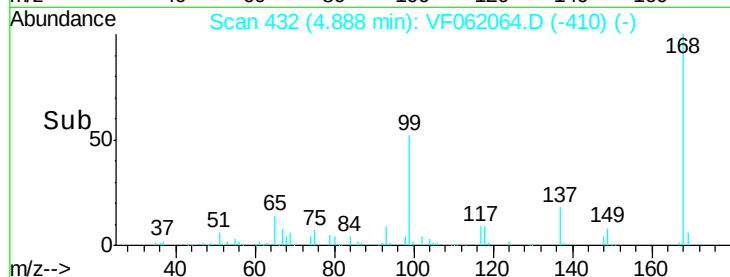
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 55.750 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF062064.D

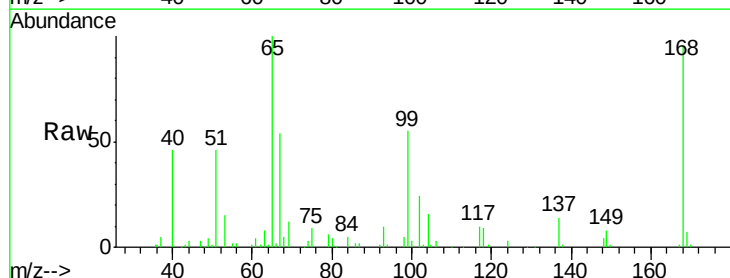
Acq: 21 Mar 2019 16:54

Tgt Ion: 65 Resp: 90291

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

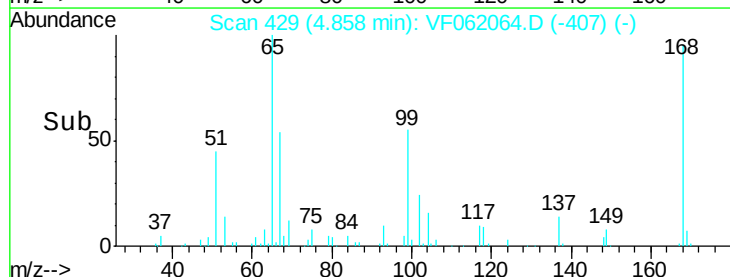
30000

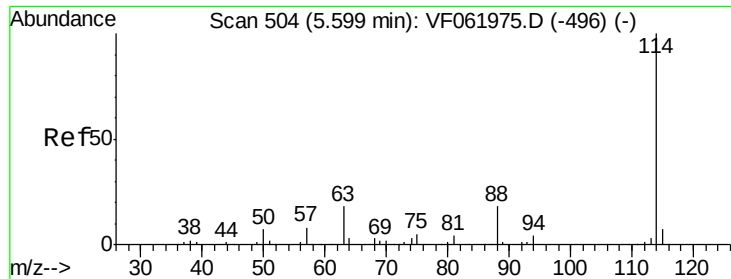
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

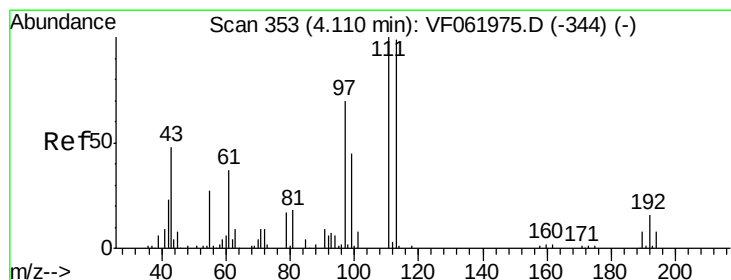
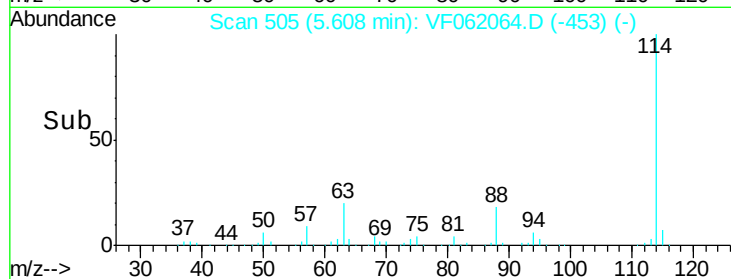
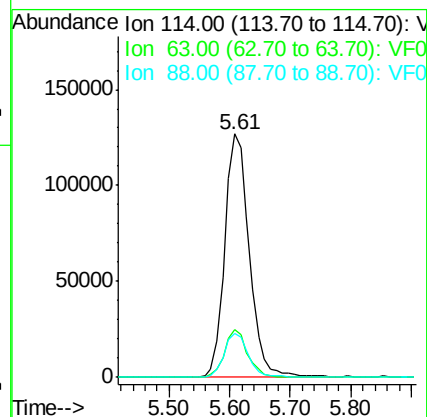
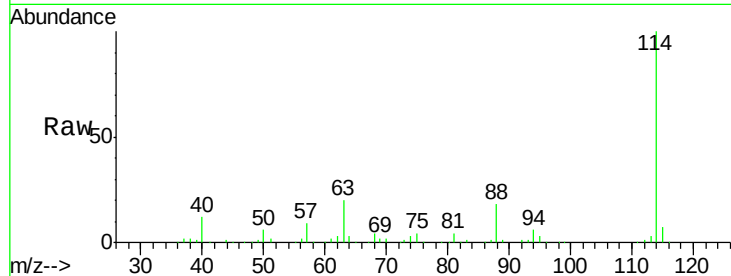




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF062064.D
 Acq: 21 Mar 2019 16:54

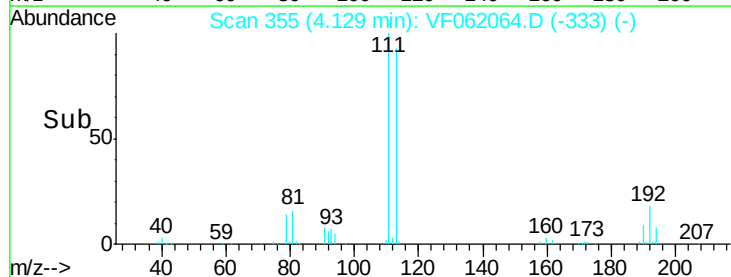
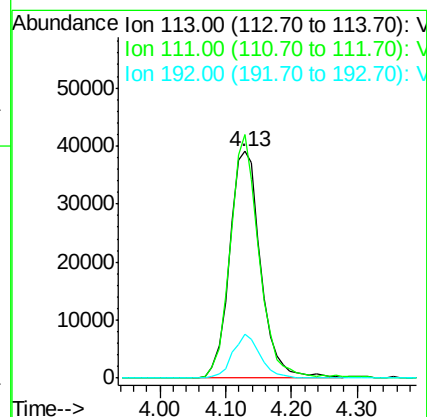
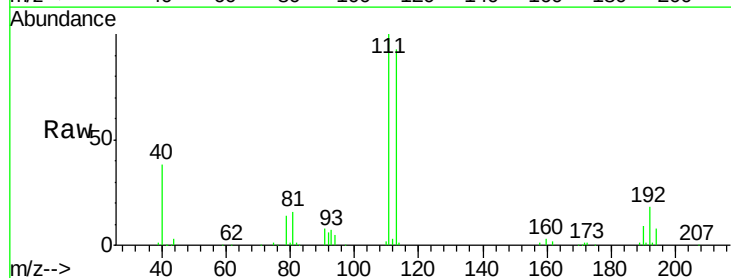
Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-A

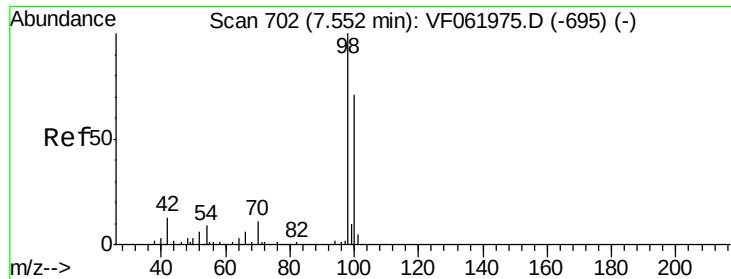
Tot Ion:114 Resp: 358696
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.4
 88 18.0 0.0 36.4



#35
 Dibromofluoromethane
 Concen: 53.622 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VF062064.D
 Acq: 21 Mar 2019 16:54

Tgt Ion:113 Resp: 129160
 Ion Ratio Lower Upper
 113 100
 111 107.3 80.8 121.2
 192 19.5 13.0 19.6

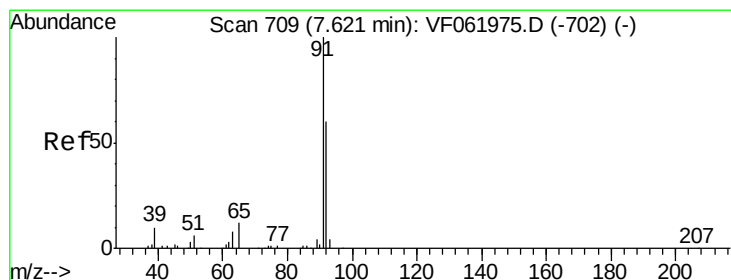
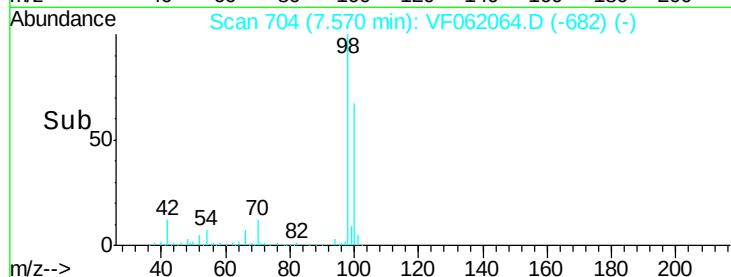
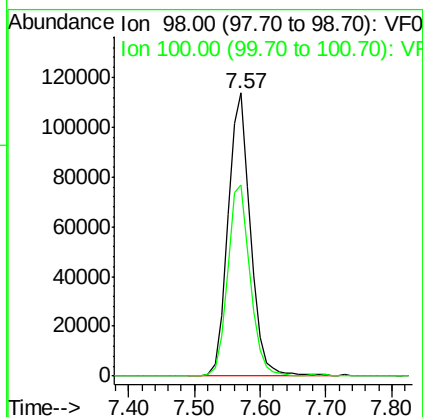
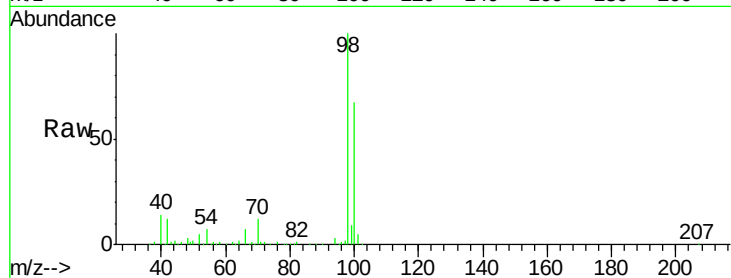




#50
Toluene-d8
Concen: 38.568 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF062064.D
Acq: 21 Mar 2019 16:54

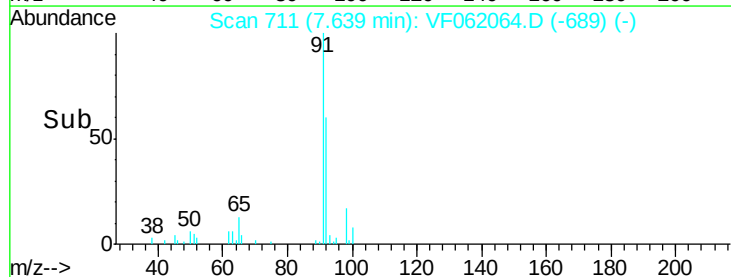
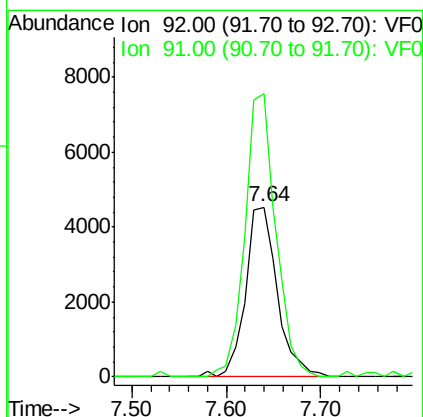
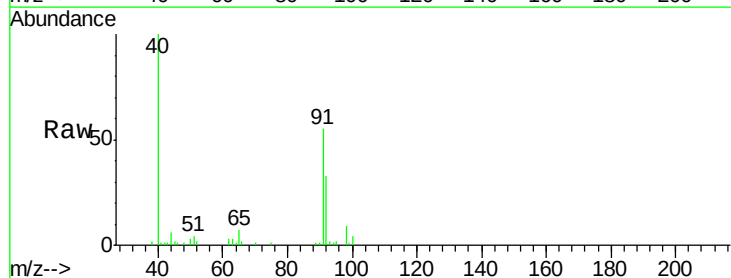
Instrument :
MSVOA_F
ClientSampleId :
SP-1-A

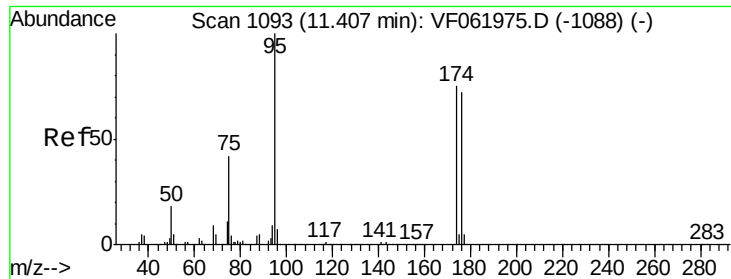
Tot Ion: 98 Resp: 271575
Ion Ratio Lower Upper
98 100
100 67.4 56.8 85.2



#52
Toluene
Concen: 2.027 ug/l
RT: 7.64 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF062064.D
Acq: 21 Mar 2019 16:54

Tgt Ion: 92 Resp: 10628
Ion Ratio Lower Upper
92 100
91 166.8 134.0 201.0

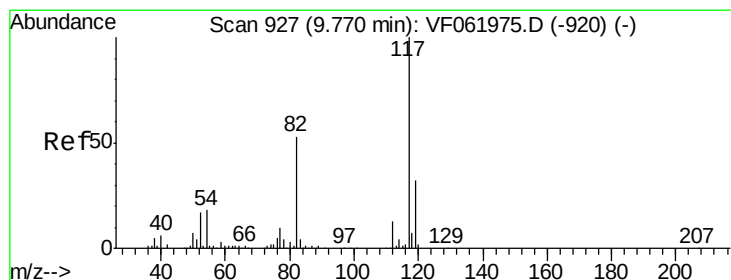
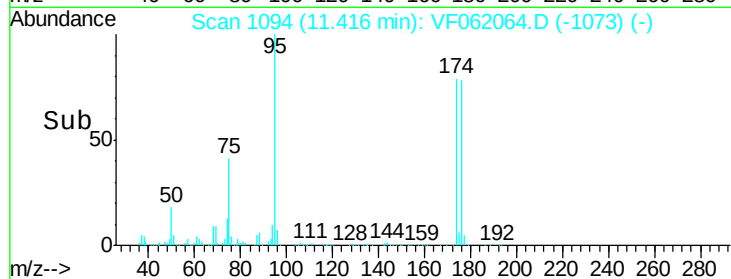
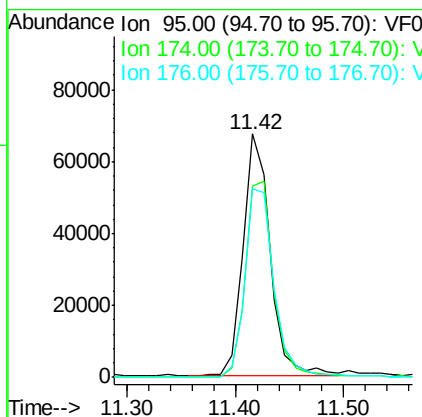
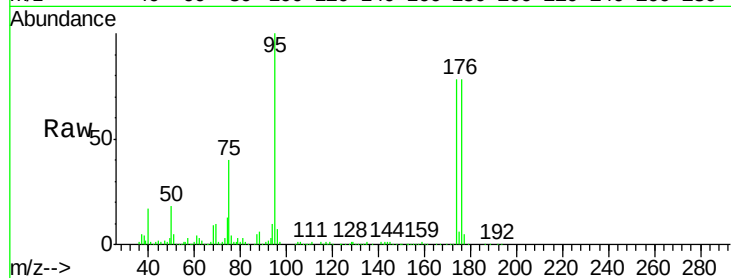




#62
4-Bromofluorobenzene
Concen: 41.415 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF062064.D
Acq: 21 Mar 2019 16:54

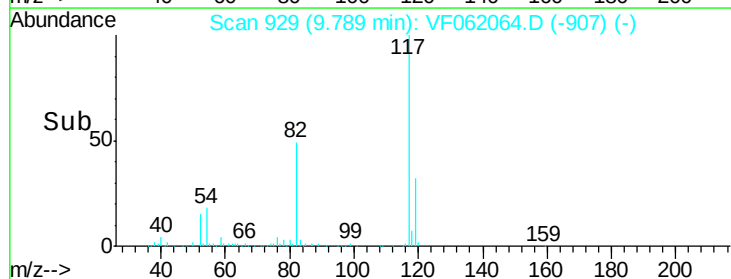
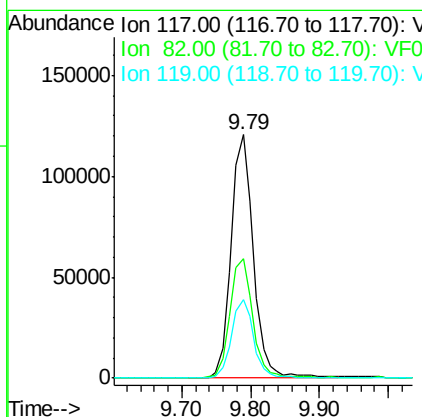
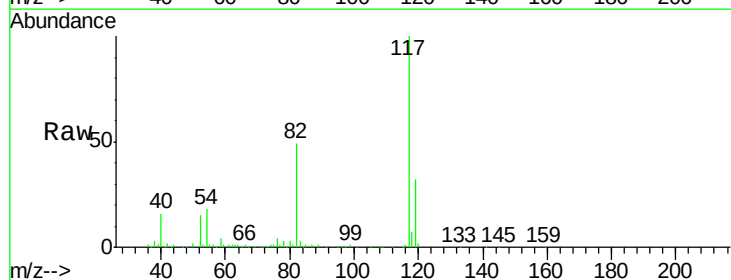
Instrument :
MSVOA_F
ClientSampled :
SP-1-A

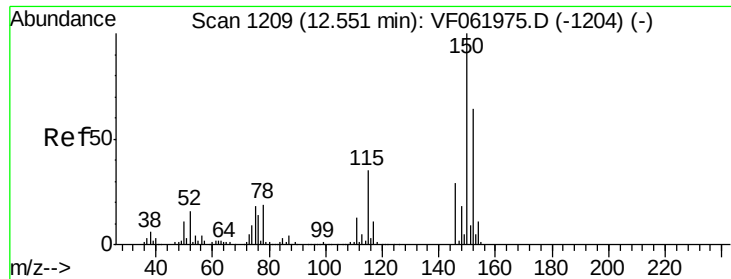
Tot Ion: 95 Resp: 115850
Ion Ratio Lower Upper
95 100
174 78.4 0.0 149.4
176 77.5 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF062064.D
Acq: 21 Mar 2019 16:54

Tgt Ion: 117 Resp: 269497
Ion Ratio Lower Upper
117 100
82 49.0 42.5 63.7
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF062064.D

Acq: 21 Mar 2019 16:54

Instrument :

MSVOA_F

ClientSampleId :

SP-1-A

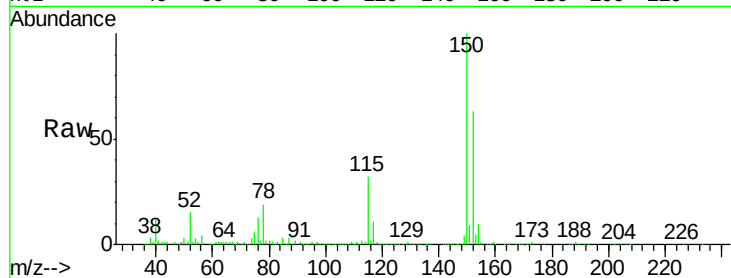
Tot Ion:152 Resp: 127672

Ion Ratio Lower Upper

152 100

115 51.3 27.3 81.9

150 158.1 0.0 316.2



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

