

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062041.D
 Acq On : 20 Mar 2019 15:42
 Operator : VA/AP
 Sample : K1692-03
 Misc : 7.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-031819

Quant Time: Mar 21 15:49:26 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	245042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	378754	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	292097	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	145323	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	105380	59.74	ug/l	-0.01
Spiked Amount						
			Recovery	=	119.48%	
35) Dibromofluoromethane	4.10	113	152240	59.86	ug/l	-0.01
Spiked Amount						
			Recovery	=	119.72%	
50) Toluene-d8	7.54	98	370700	49.86	ug/l	-0.01
Spiked Amount						
			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.40	95	144815	49.03	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.06%	

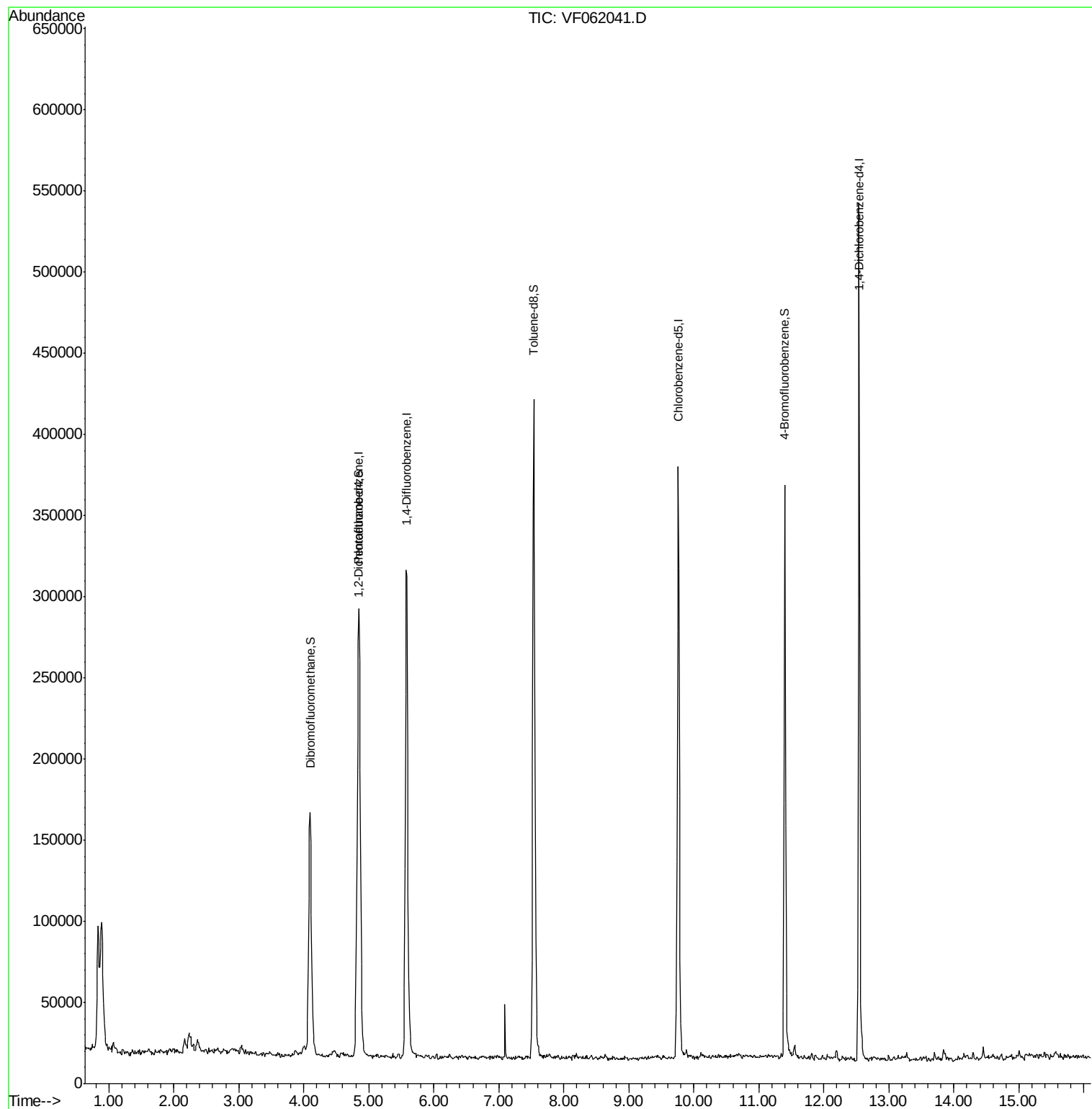
Target Compounds	Qvalue

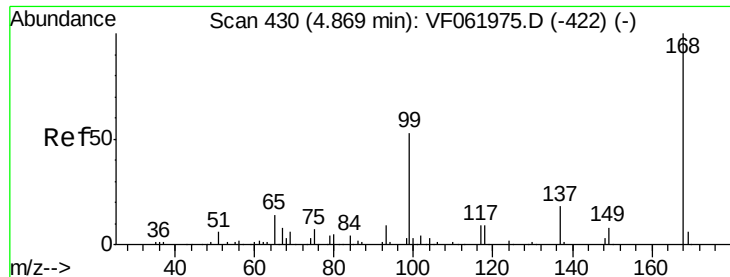
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF062041.D

Acq: 20 Mar 2019 15:42

Instrument :

MSVOA_F

ClientSampleId :

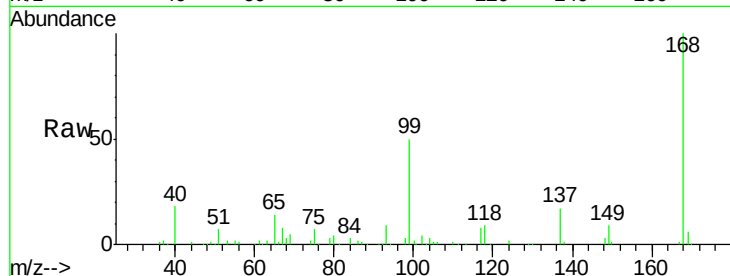
OK-02-031819

Tot Ion:168 Resp: 245042

Ion Ratio Lower Upper

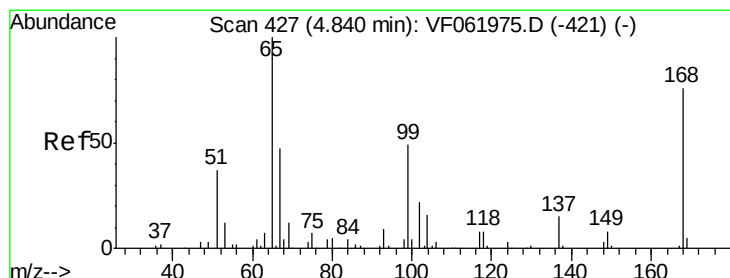
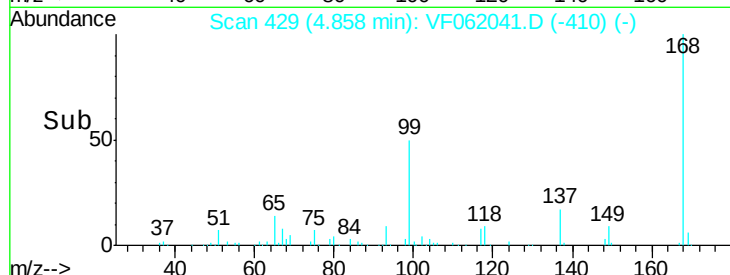
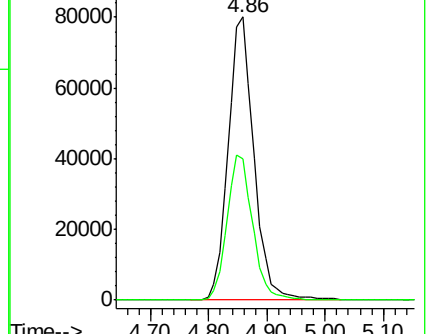
168 100

99 50.0 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 59.742 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF062041.D

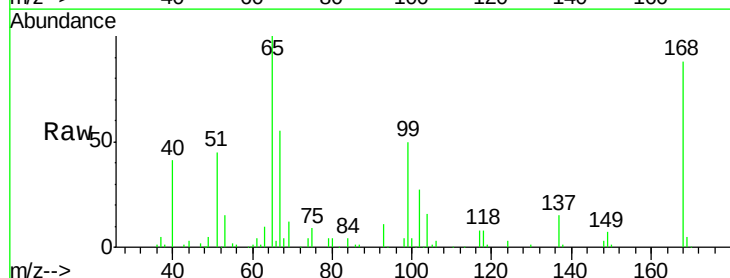
Acq: 20 Mar 2019 15:42

Tgt Ion: 65 Resp: 105380

Ion Ratio Lower Upper

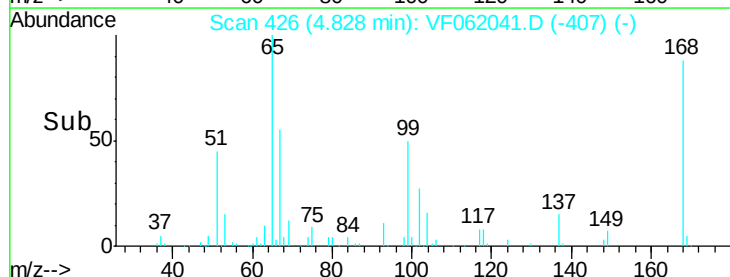
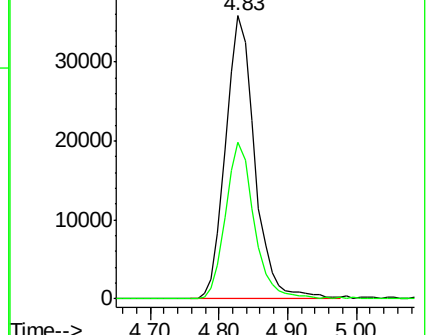
65 100

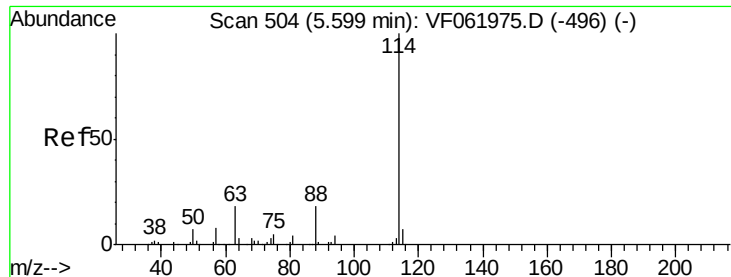
67 55.3 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF062041.D

Acq: 20 Mar 2019 15:42

Instrument :

MSVOA_F

ClientSampleId :

OK-02-031819

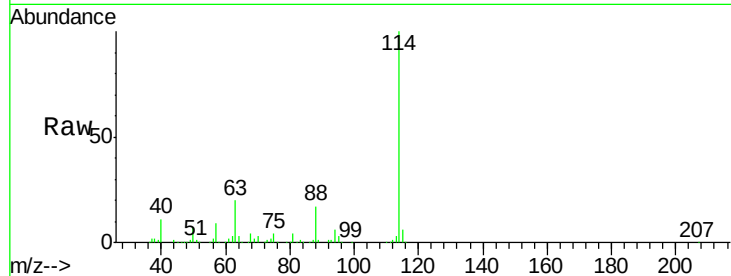
Tot Ion:114 Resp: 378754

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

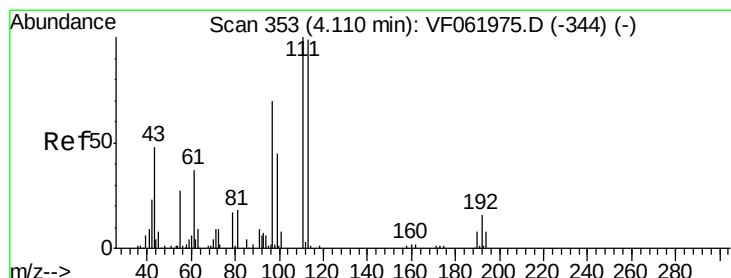
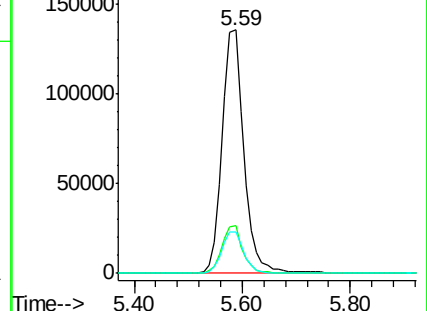
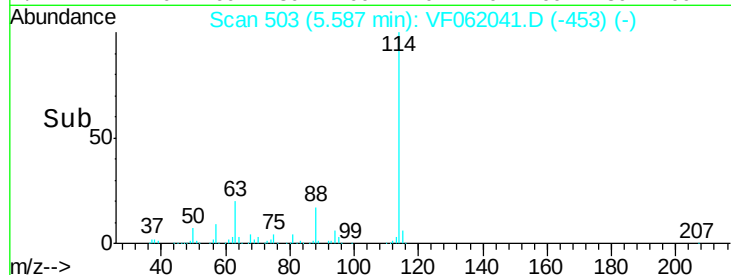
88 17.0 0.0 36.4



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: 59.857 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF062041.D

Acq: 20 Mar 2019 15:42

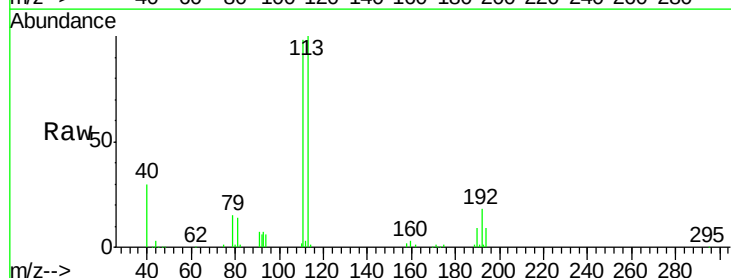
Tgt Ion:113 Resp: 152240

Ion Ratio Lower Upper

113 100

111 98.3 80.8 121.2

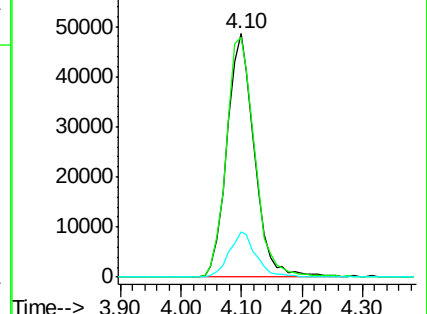
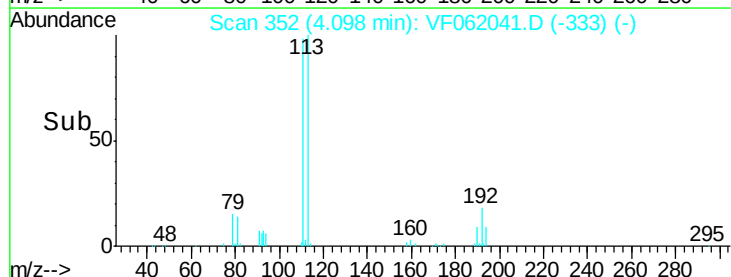
192 18.5 13.0 19.6

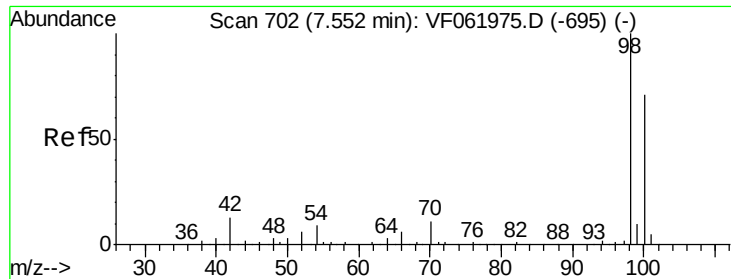


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

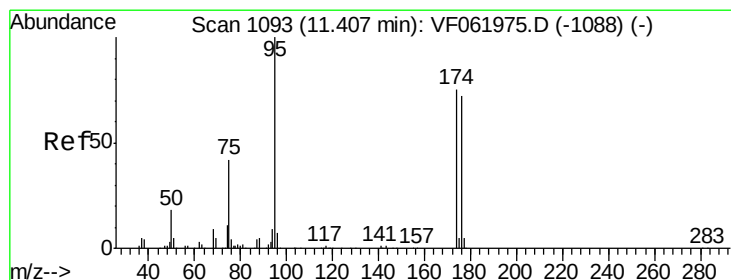
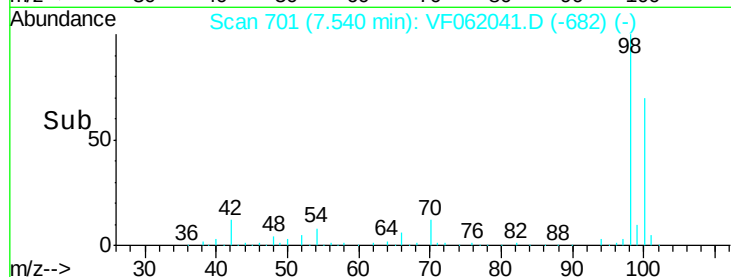
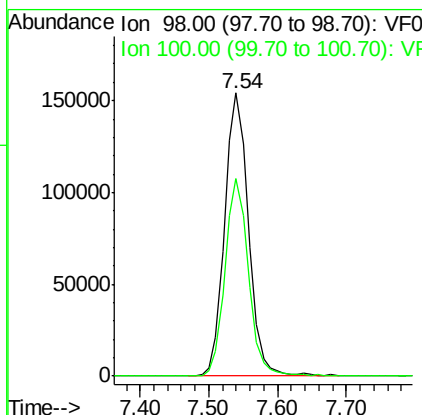
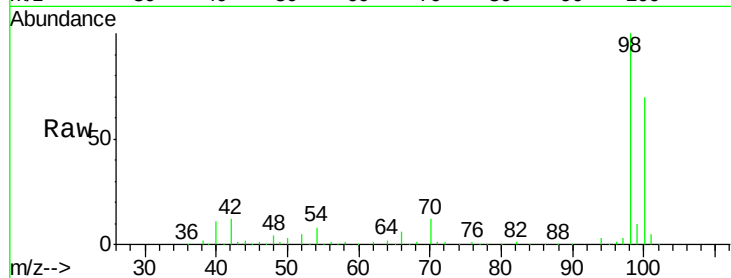




#50
Toluene-d8
Concen: 49.858 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062041.D
Acq: 20 Mar 2019 15:42

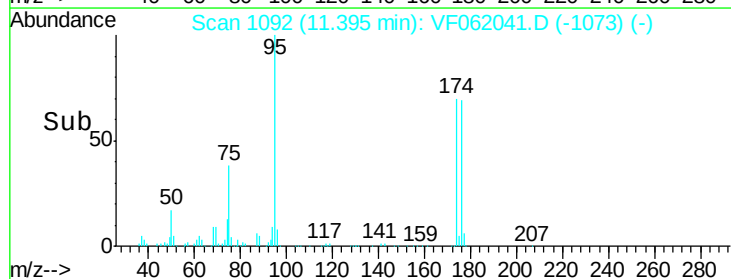
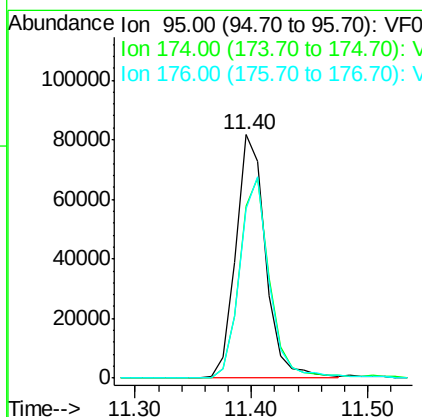
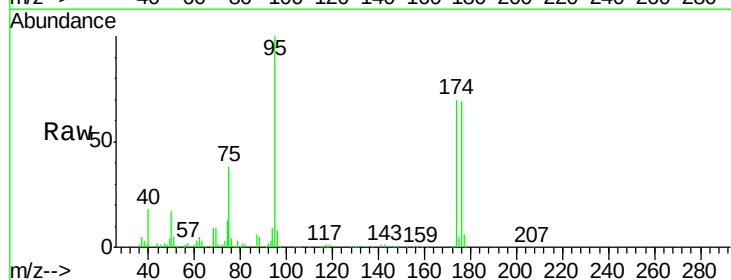
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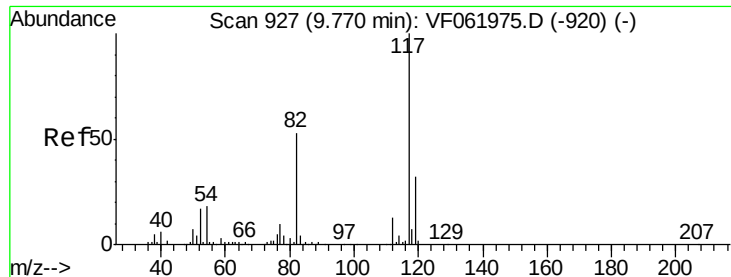
Tot Ion: 98 Resp: 370700
Ion Ratio Lower Upper
98 100
100 69.6 56.8 85.2



#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062041.D
Acq: 20 Mar 2019 15:42

Tgt Ion: 95 Resp: 144815
Ion Ratio Lower Upper
95 100
174 70.4 0.0 149.4
176 69.5 0.0 143.4

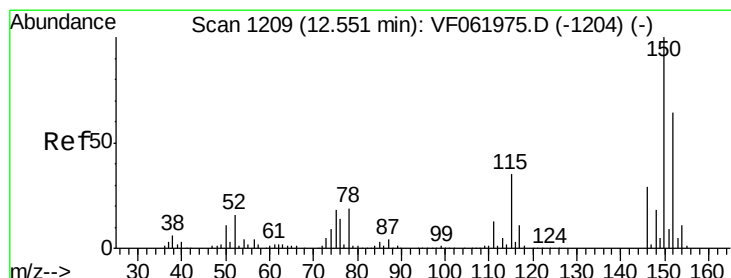
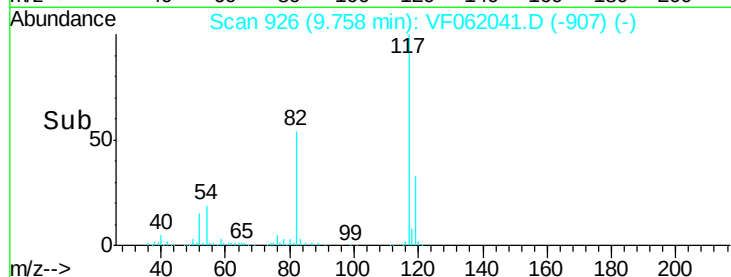
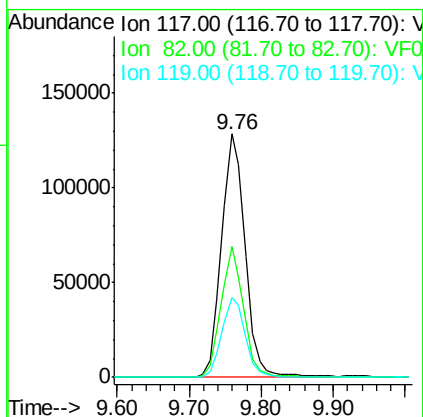
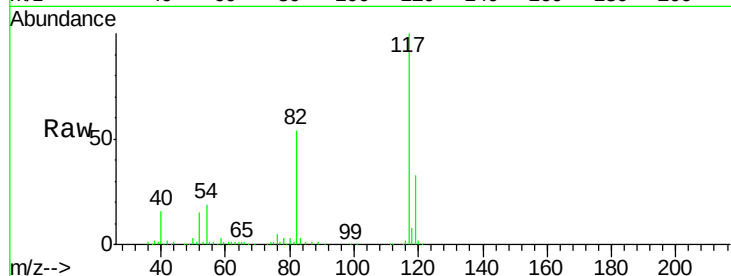




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062041.D
Acq: 20 Mar 2019 15:42

Instrument :
MSVOA_F
ClientSampleId :
OK-02-031819

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.5	63.7
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062041.D
Acq: 20 Mar 2019 15:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.3	81.9
150	155.5	0.0	316.2

