

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060919.D
 Acq On : 6 Dec 2018 16:09
 Operator : VA/AP
 Sample : J6248-03
 Misc : 5.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 4UST-SW-3

Quant Time: Dec 06 16:53:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

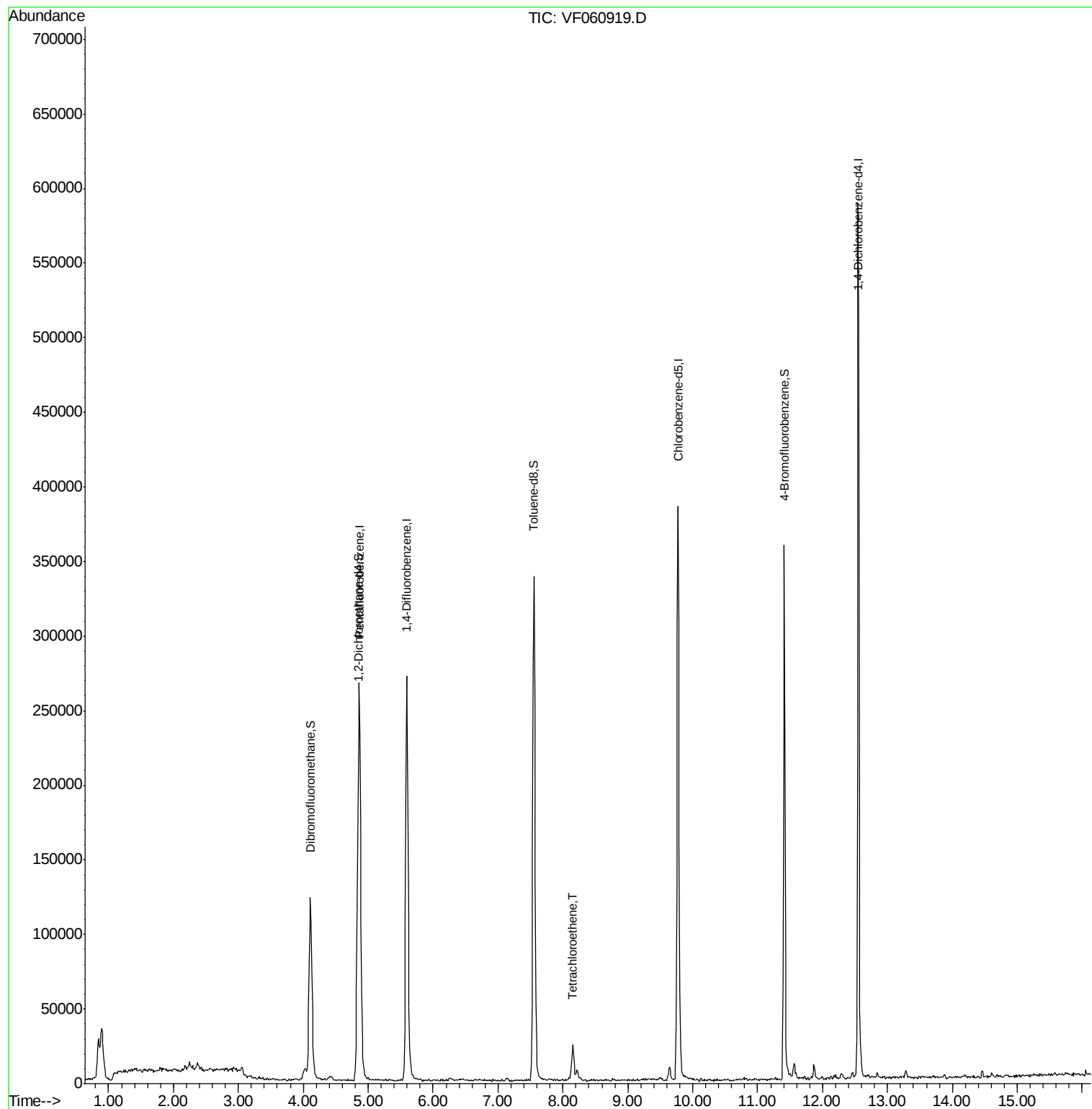
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	181361	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	307714	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	263733	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	150370	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	110723	51.82	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	4.11	113	114782	47.02	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	7.55	98	271730	37.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	75.58%	
62) 4-Bromofluorobenzene	11.41	95	130572	39.95	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.90%	
Target Compounds						
64) Tetrachloroethene	8.16	164	7144	3.546	ug/l	Qvalue 90

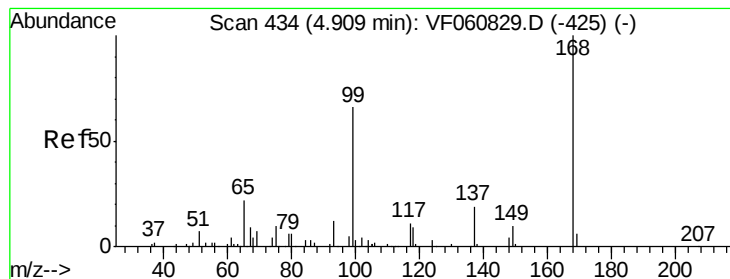
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060919.D

Acq: 6 Dec 2018 16:09

Instrument :

MSVOA_F

ClientSampleId :

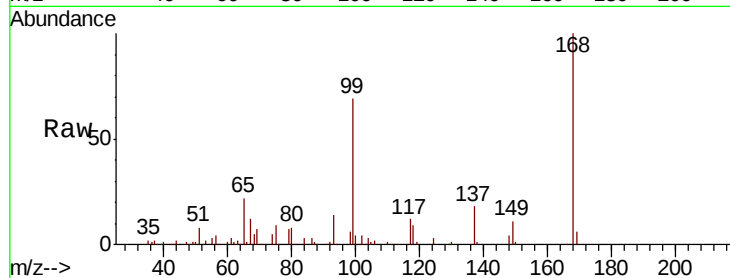
4UST-SW-3

Tot Ion:168 Resp: 181361

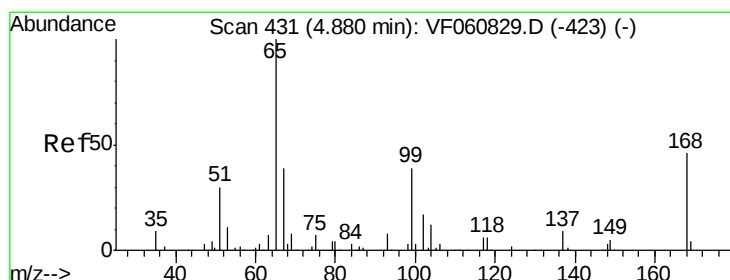
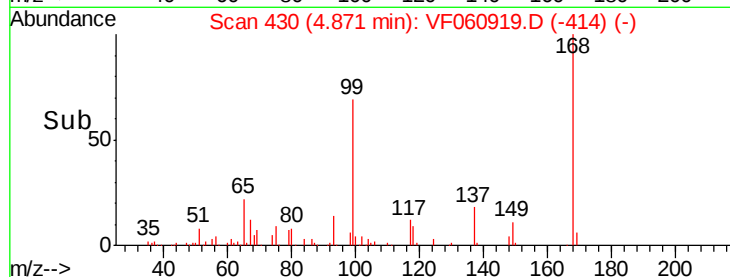
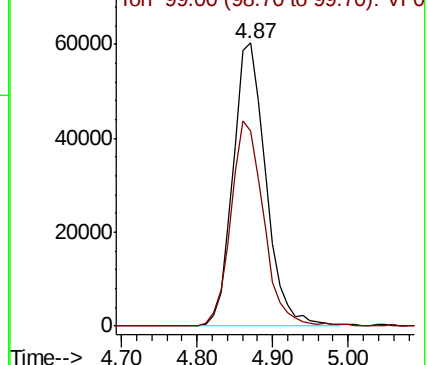
Ion Ratio Lower Upper

168 100

99 68.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 51.825 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060919.D

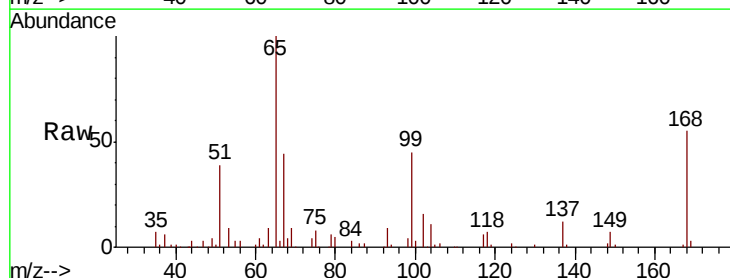
Acq: 6 Dec 2018 16:09

Tgt Ion: 65 Resp: 110723

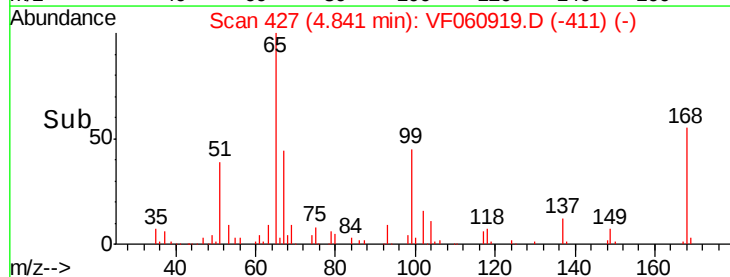
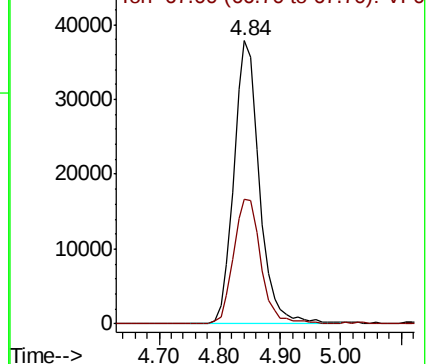
Ion Ratio Lower Upper

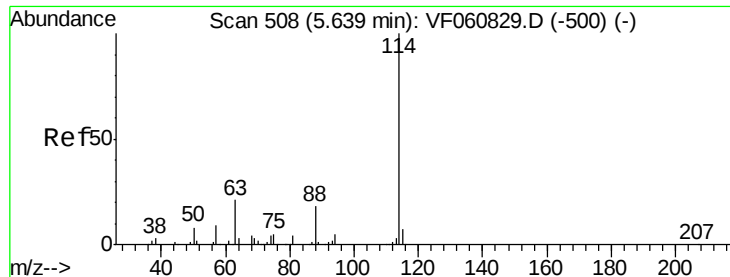
65 100

67 44.0 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060919.D

Acq: 6 Dec 2018 16:09

Instrument :

MSVOA_F

ClientSampleId :

4UST-SW-3

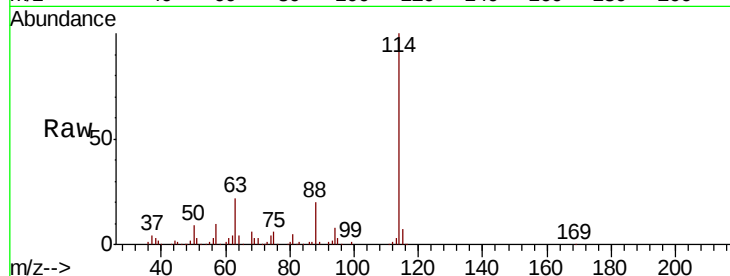
Tot Ion:114 Resp: 307714

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.6

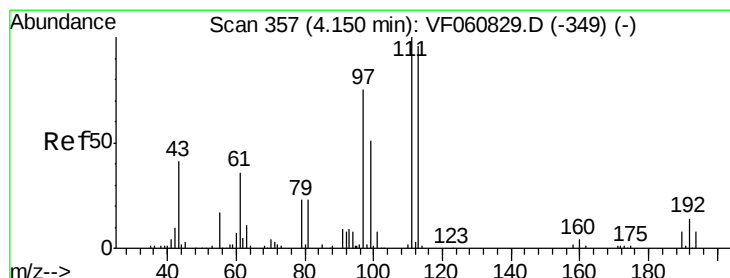
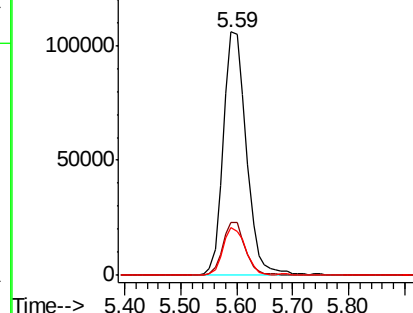
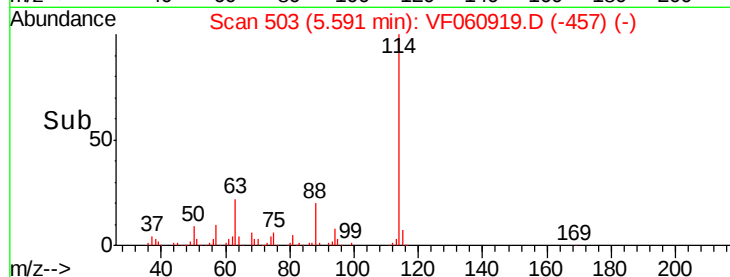
88 19.6 0.0 36.6



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: 47.019 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060919.D

Acq: 6 Dec 2018 16:09

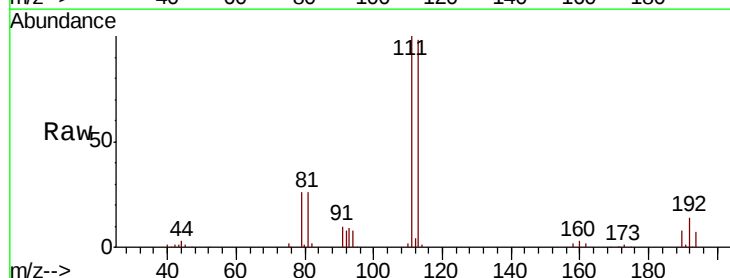
Tgt Ion:113 Resp: 114782

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

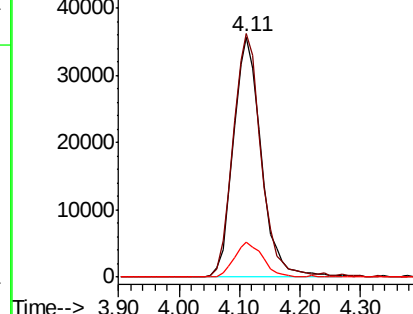
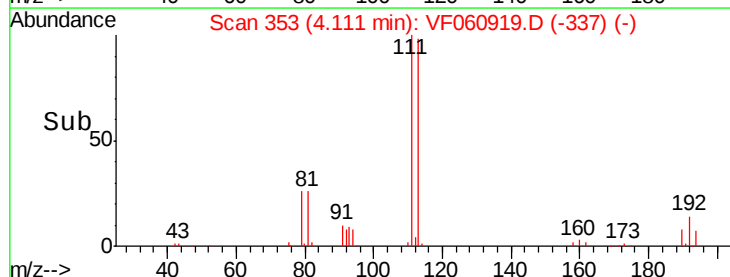
192 14.6 12.3 18.5

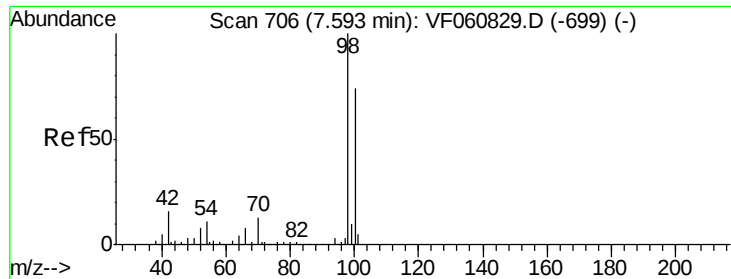


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

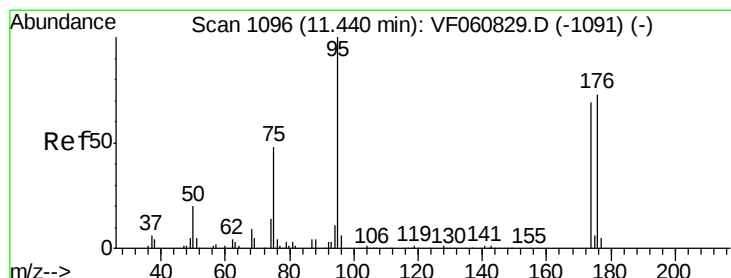
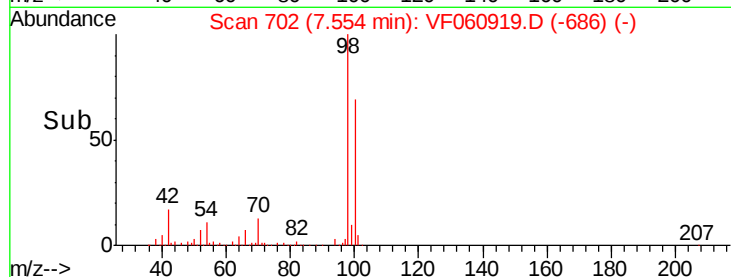
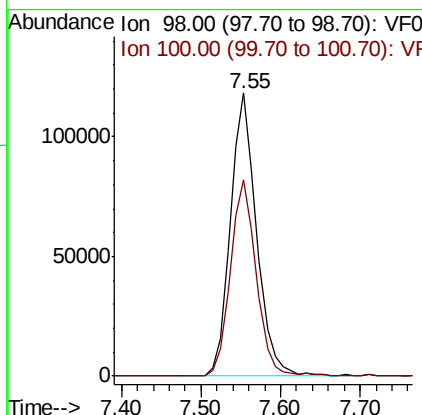
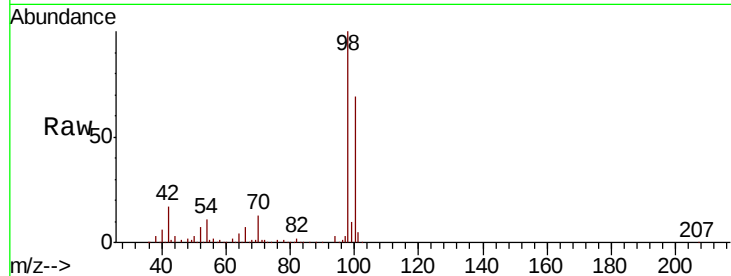




#50
Toluene-d8
Concen: 37.788 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

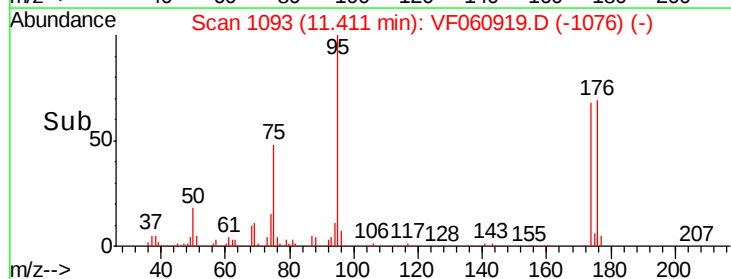
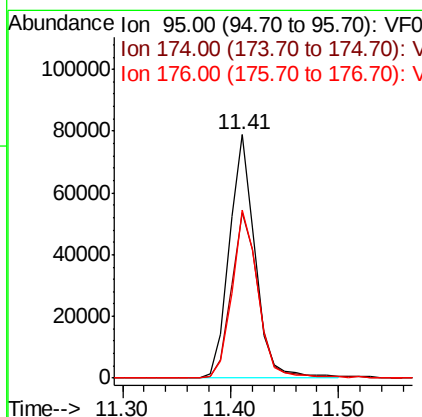
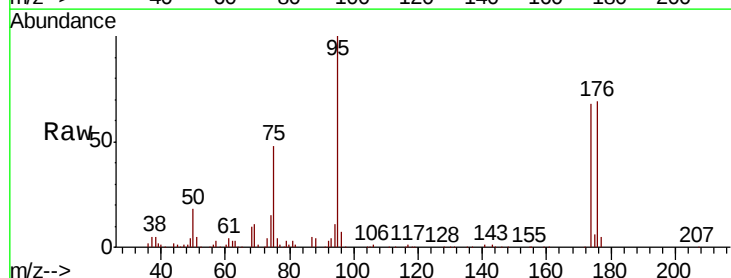
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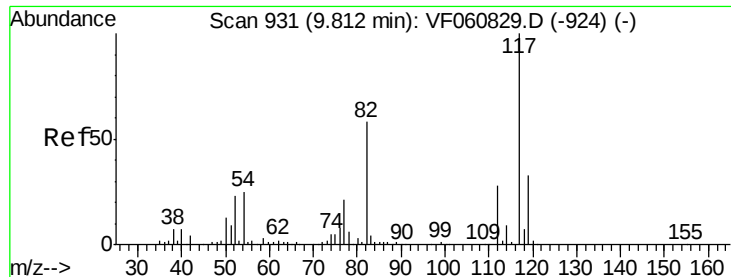
Tot Ion: 98 Resp: 271730
Ion Ratio Lower Upper
98 100
100 69.2 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 39.952 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion: 95 Resp: 130572
Ion Ratio Lower Upper
95 100
174 68.2 0.0 138.2
176 69.3 0.0 146.2

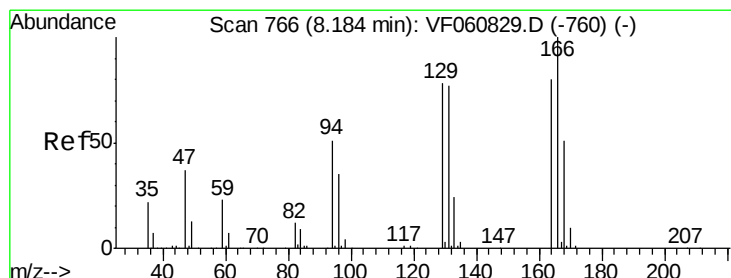
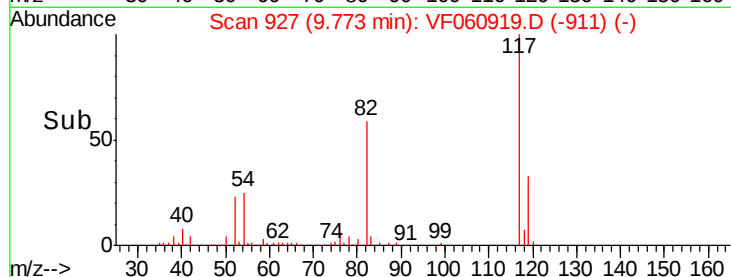
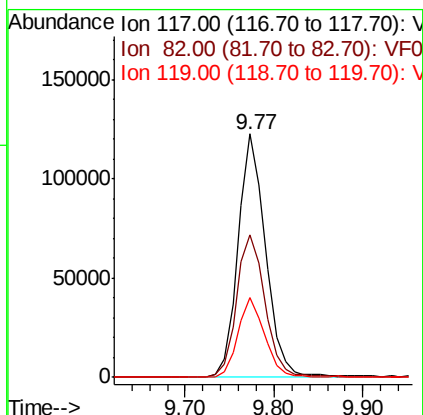
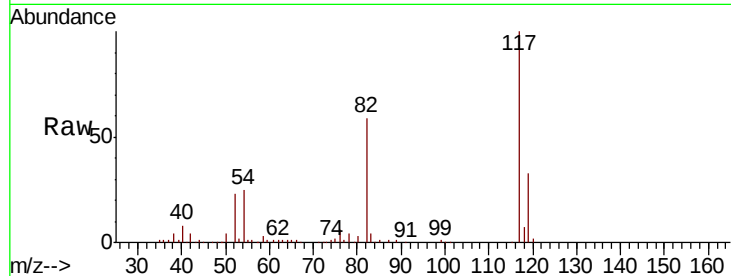




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

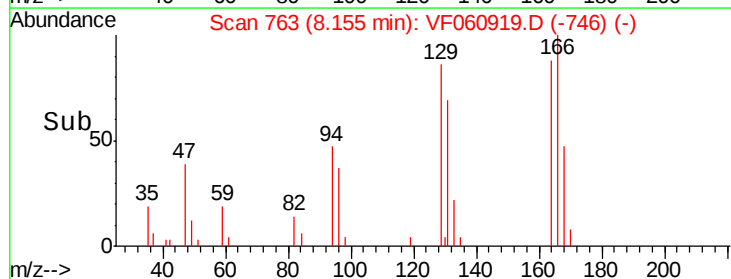
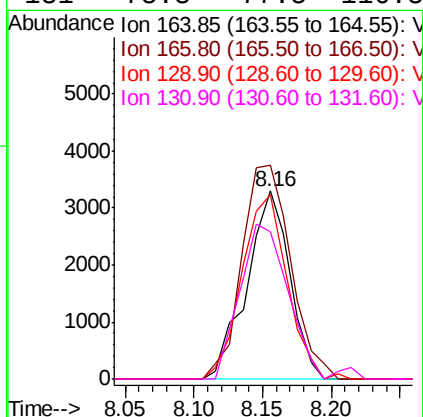
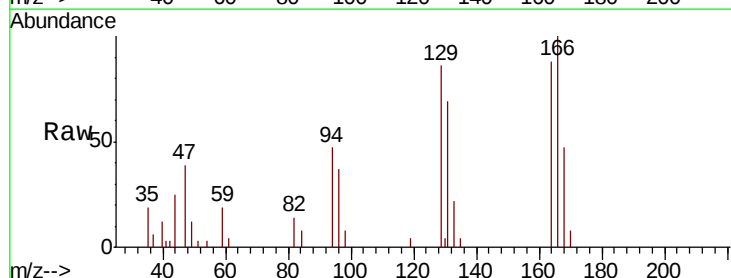
Instrument :
MSVOA_F
ClientSampleId :
4UST-SW-3

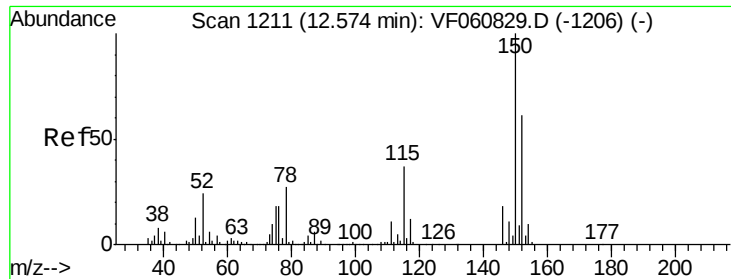
Tot Ion:117 Resp: 263733
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 3.546 ug/l
RT: 8.16 min Scan# 763
Delta R.T. -0.03 min
Lab File: VF060919.D
Acq: 6 Dec 2018 16:09

Tgt Ion:164 Resp: 7144
Ion Ratio Lower Upper
164 100
166 113.9 100.3 150.5
129 98.0 77.9 116.9
131 78.3 77.5 116.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060919.D

Acq: 6 Dec 2018 16:09

Instrument :

MSVOA_F

ClientSampleId :

4UST-SW-3

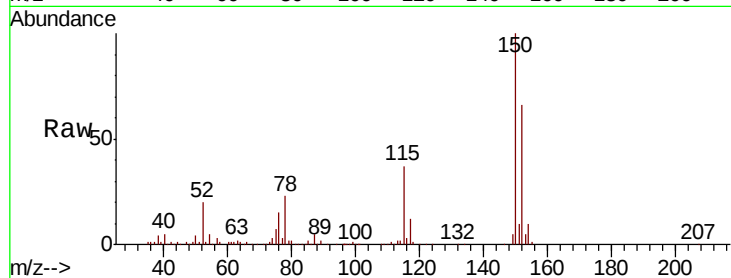
Tot Ion:152 Resp: 150370

Ion Ratio Lower Upper

152 100

115 56.8 30.1 90.5

150 151.8 0.0 327.6



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

