Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022619\
Data File : VF061759.D
Acq On : 26 Feb 2019 23:47
Operator : VA/AP
Sample : K1620-03
Misc : 6.11g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-02

Manual Integrations APPROVED
MMDadoda
2/27/2019 3:21:01 PM

Quant Time: Feb 27 04:54:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	301396	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	454349	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	387806	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	201110	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	105739	47.84	ug/l	-0.04
Spiked Amount 50.000			Recovery = 95.68%			
35) Dibromofluoromethane	4.09	113	153454	45.48	ug/l	-0.03
Spiked Amount 50.000			Recovery = 90.96%			
50) Toluene-d8	7.53	98	366107	37.75	ug/l	-0.03
Spiked Amount 50.000			Recovery = 75.50%			
62) 4-Bromofluorobenzene	11.39	95	161955	41.27	ug/l	-0.03
Spiked Amount 50.000			Recovery = 82.54%			
Target Compounds						Qvalue
16) Acetone	2.22	43	8050	16.976	ug/l	98
20) Methylene Chloride	2.24	84	18634m	5.068	ug/l	
40) Benzene	4.61	78	13670	1.161	ug/l	92
52) Toluene	7.60	92	11962	1.675	ug/l	92

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

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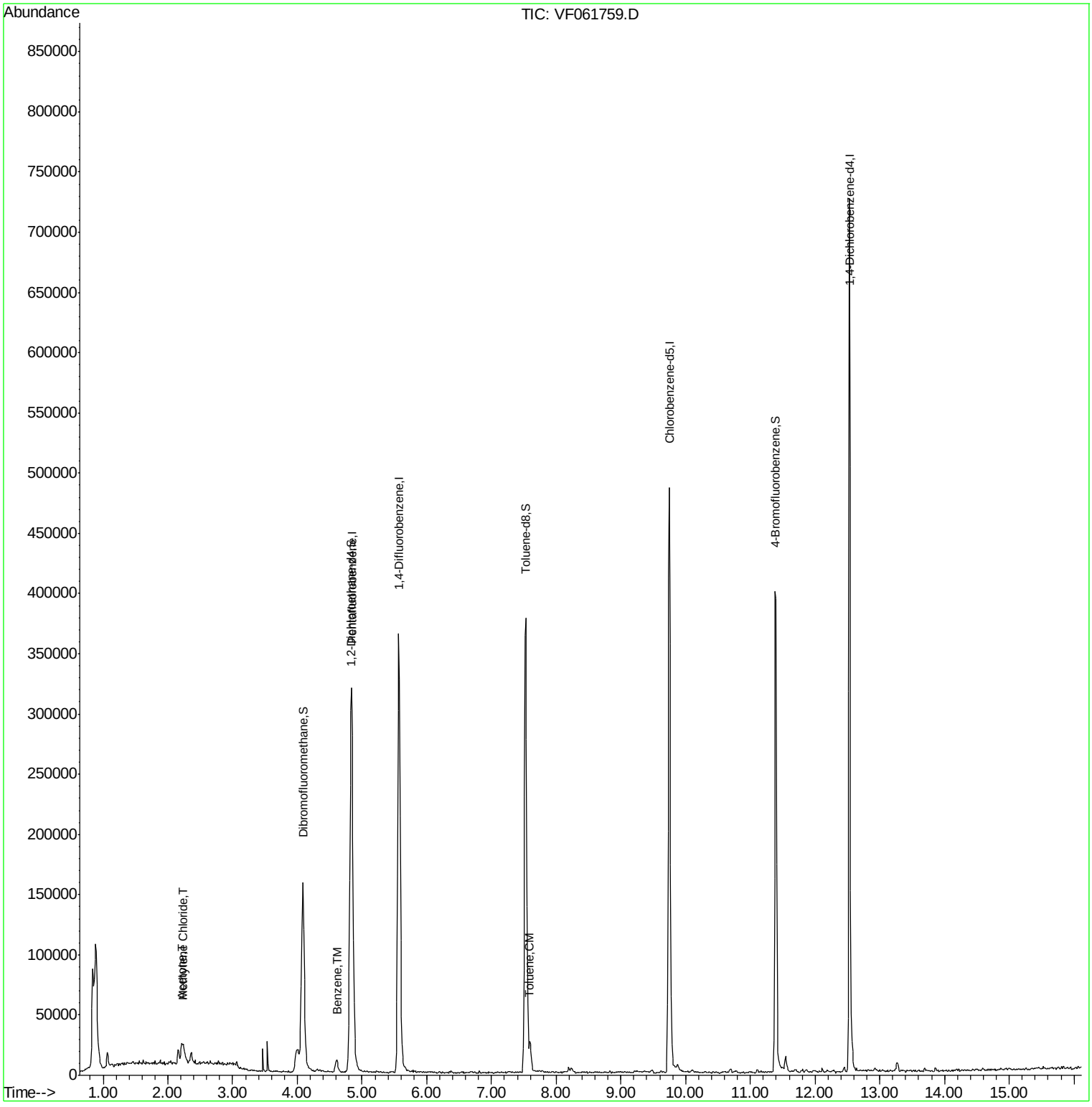
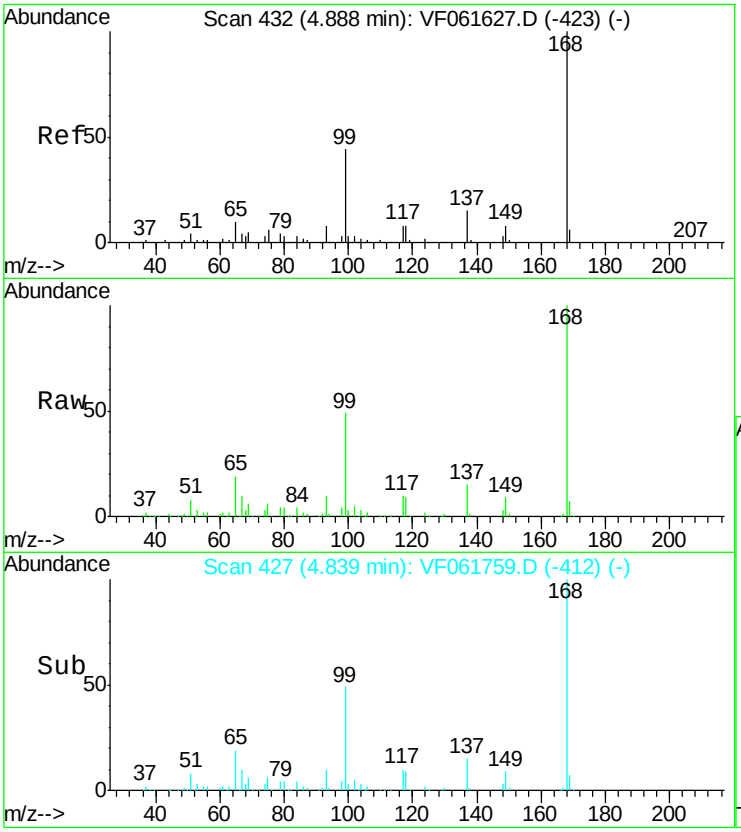
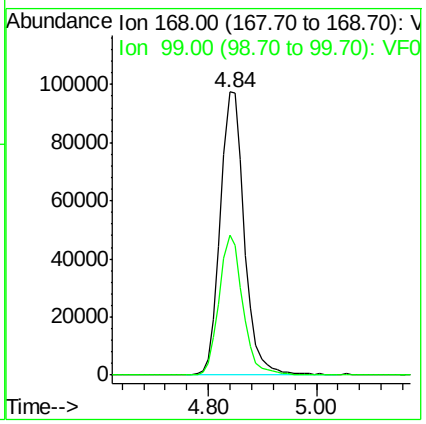




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.05 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:168 Resp: 301396

Ion	Ratio	Lower	Upper
168	100		
99	49.4	34.9	52.3



Instrument :
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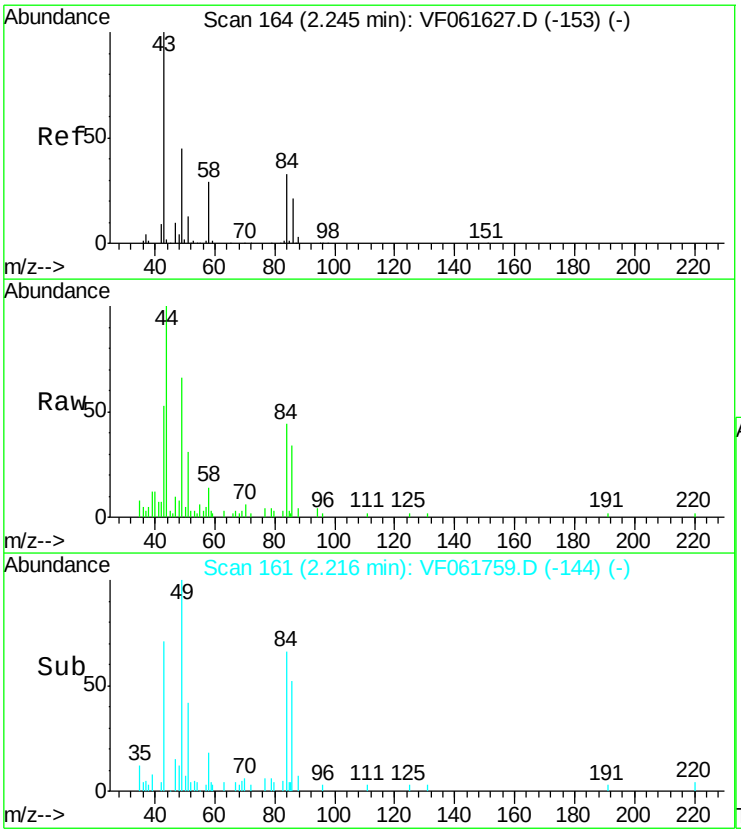
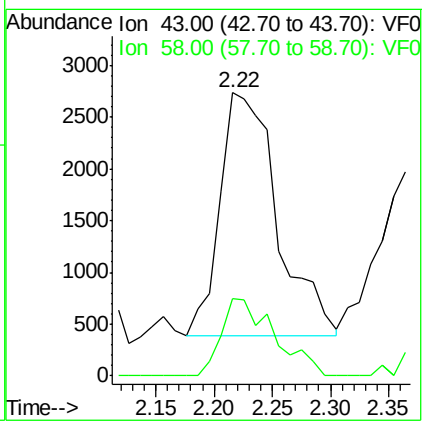
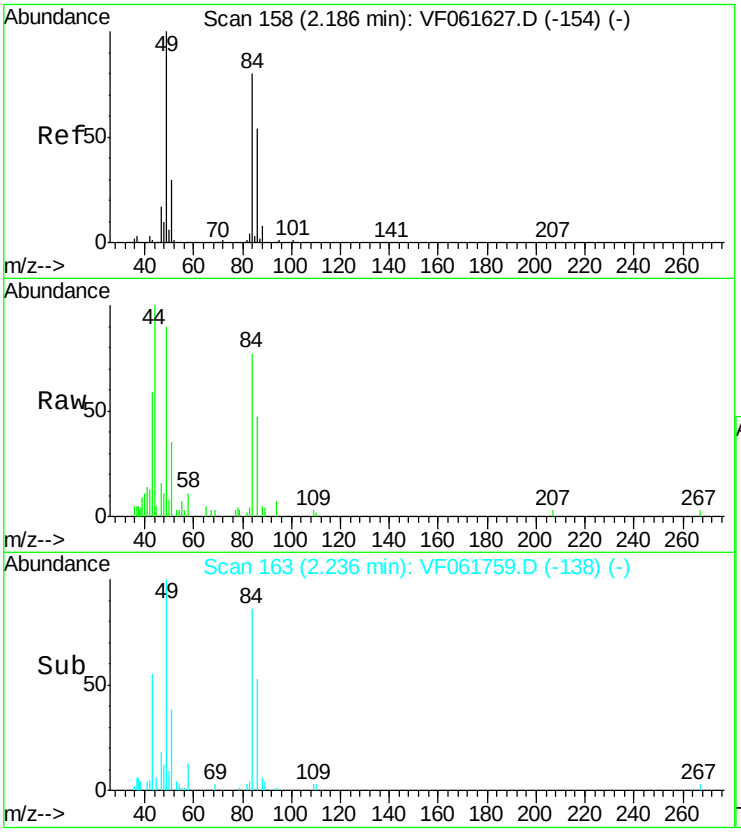


#16
Acetone
Concen: 16.976 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 43 Resp: 8050

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.9	34.3

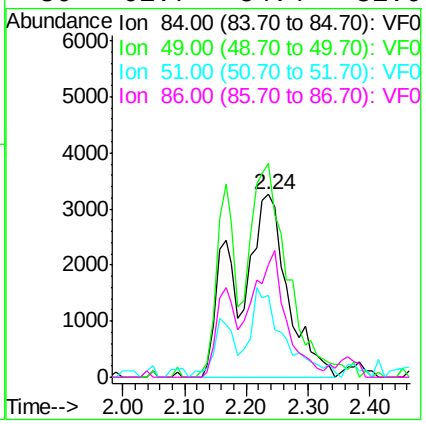




#20
Methylene Chloride
Concen: 5.068 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 84 Resp: 18634

Ion	Ratio	Lower	Upper
84	100		
49	116.7	101.8	152.8
51	44.9	31.1	46.7
86	61.7	54.4	81.6



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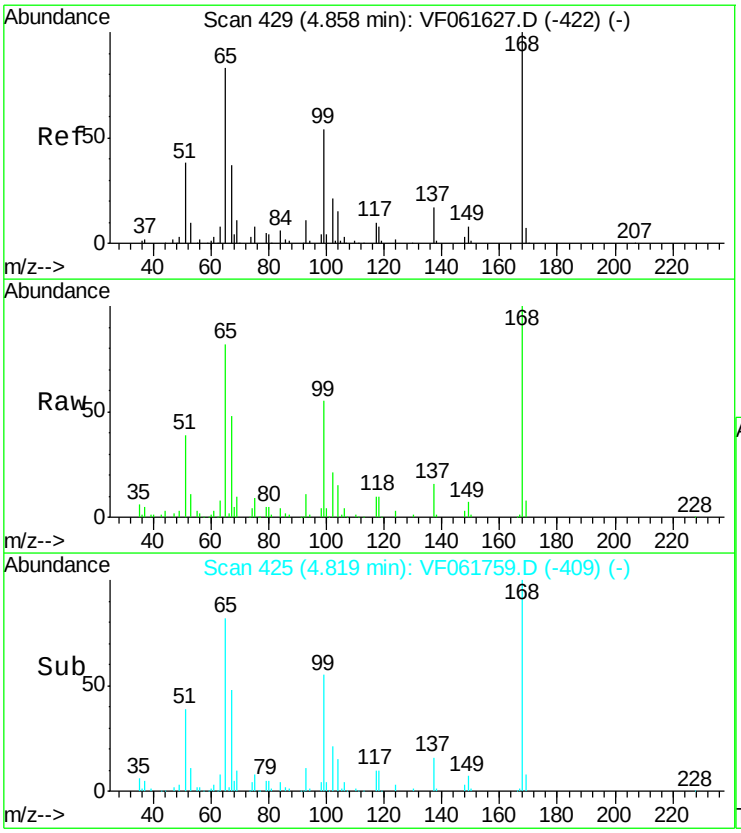
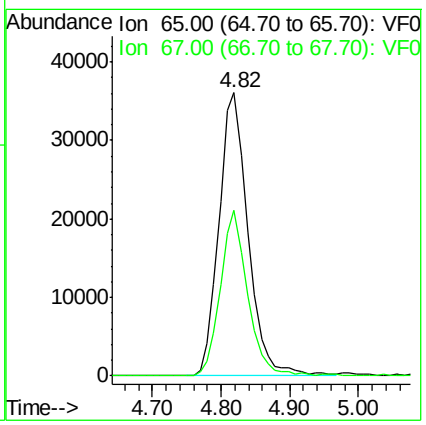
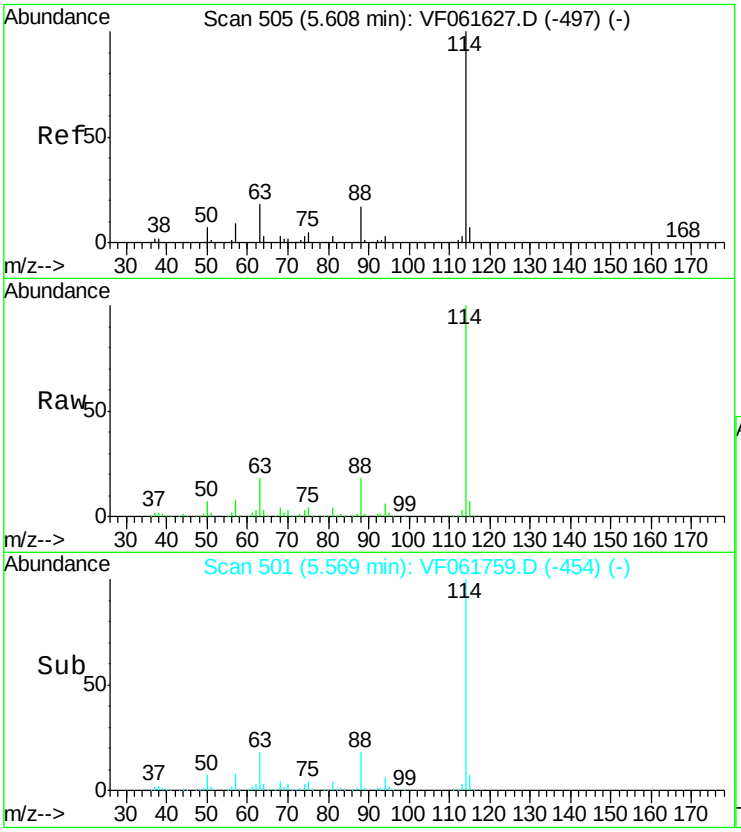


#33
1,2-Dichloroethane-d4
Concen: 47.842 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 65 Resp: 105739

Ion	Ratio	Lower	Upper
65	100		
67	58.6	0.0	104.0

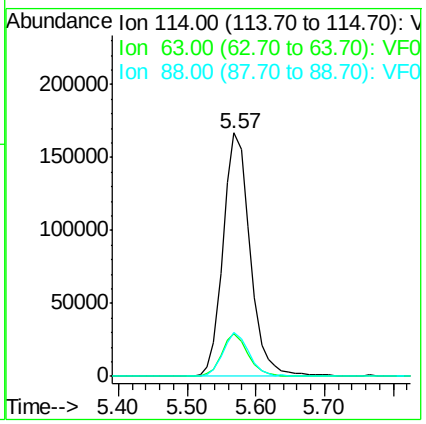




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:114 Resp: 454349

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	17.9	0.0	34.4



Instrument :
MSVOA_F
ClientSampleId :
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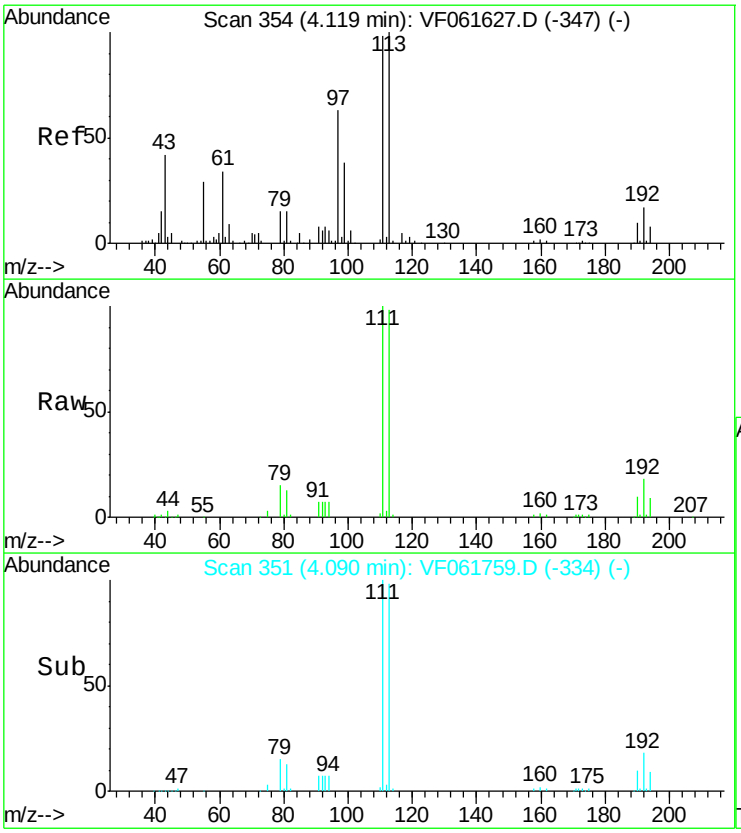
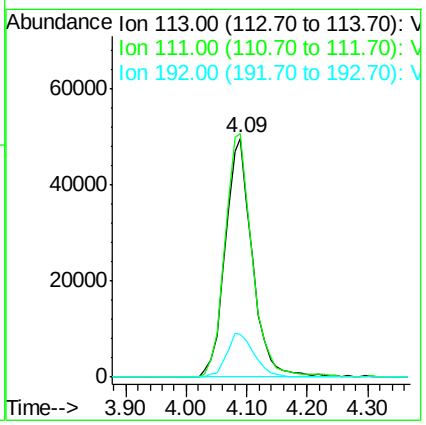
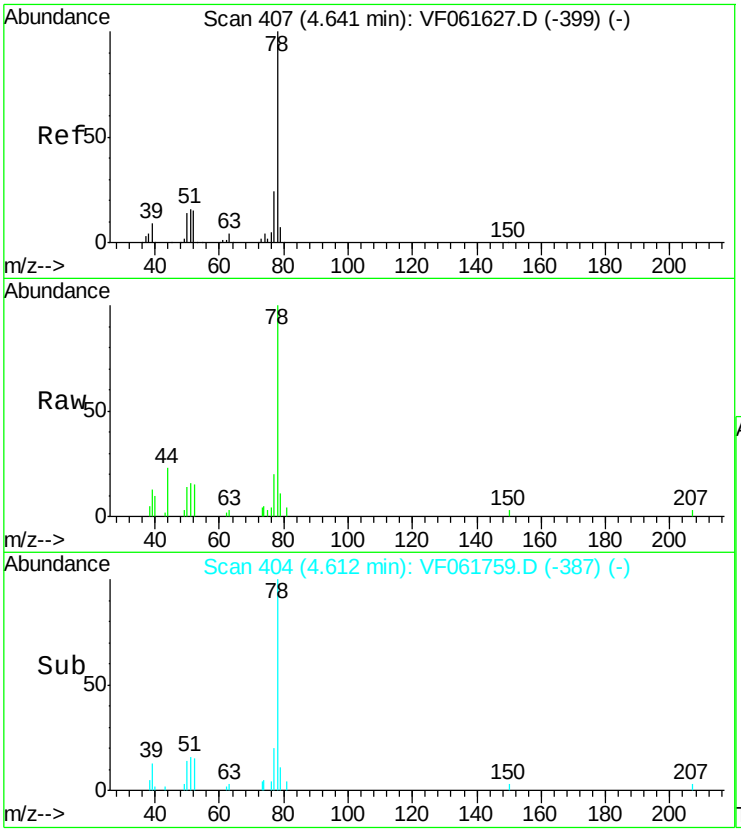


#35
Dibromofluoromethane
Concen: 45.481 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:113 Resp: 153454

Ion	Ratio	Lower	Upper
113	100		
111	102.0	78.8	118.2
192	18.1	13.4	20.0





#40
Benzene
Concen: 1.161 ug/l
RT: 4.61 min Scan# 404
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 78 Resp: 13670

Ion	Ratio	Lower	Upper
78	100		
77	19.8	19.0	28.6

Instrument :
MSVOA_F
ClientSampleId :
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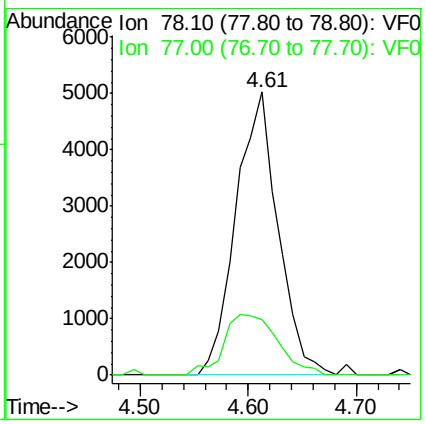
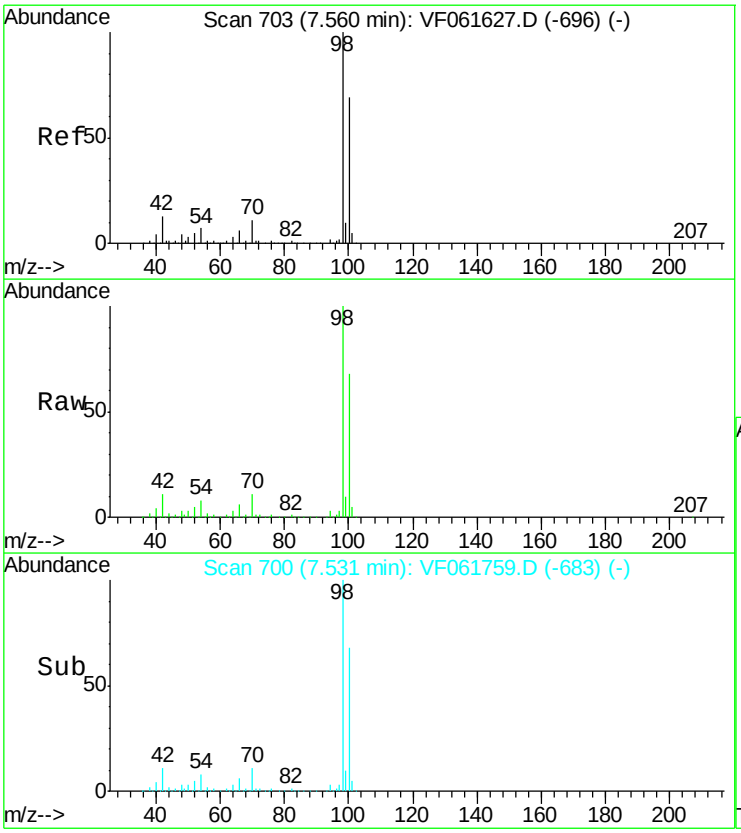
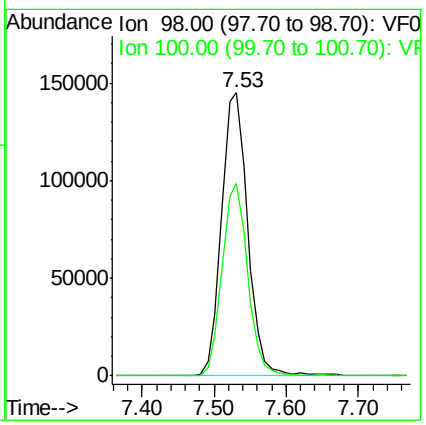


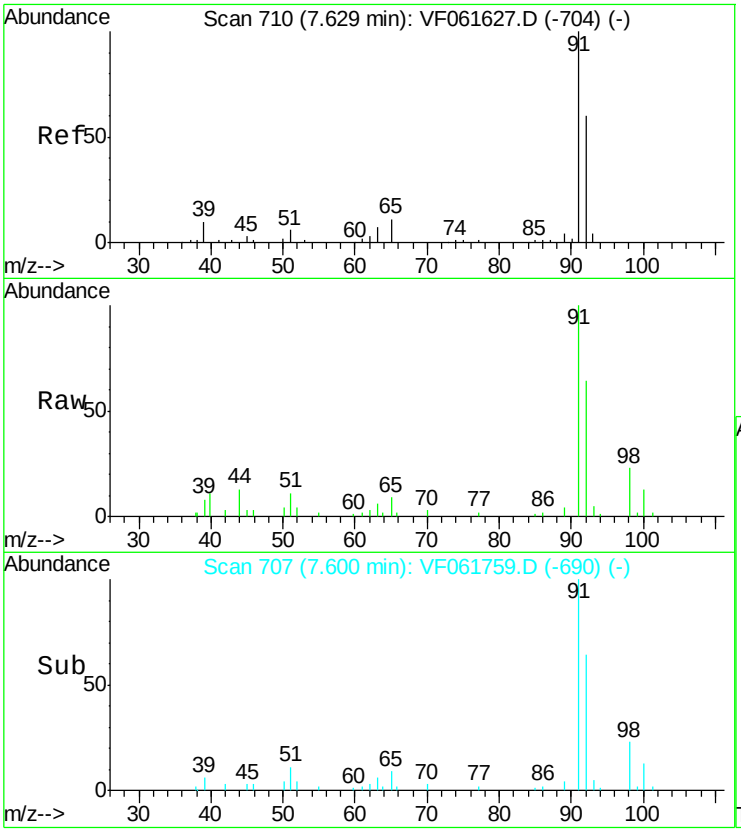


#50
Toluene-d8
Concen: 37.745 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 98 Resp: 366107

Ion	Ratio	Lower	Upper
98	100		
100	68.1	55.4	83.2

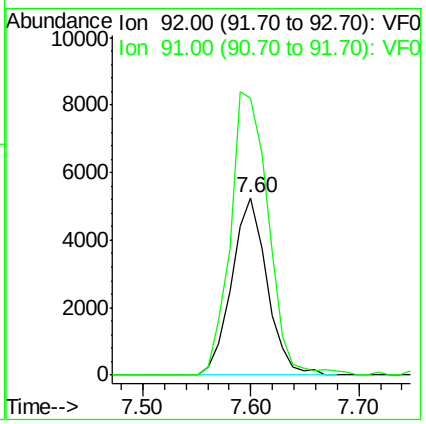




#52
Toluene
Concen: 1.675 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 92 Resp: 11962

Ion	Ratio	Lower	Upper
92	100		
91	156.1	133.9	200.9



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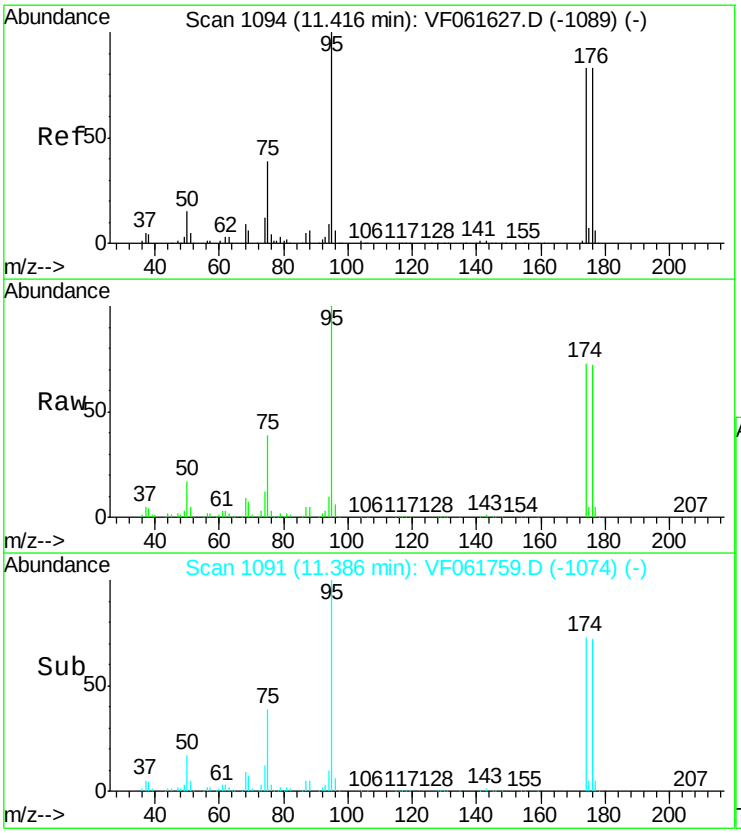
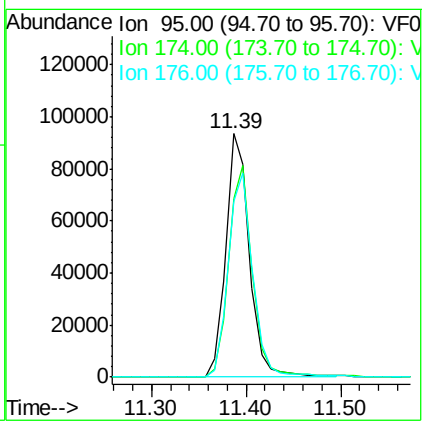
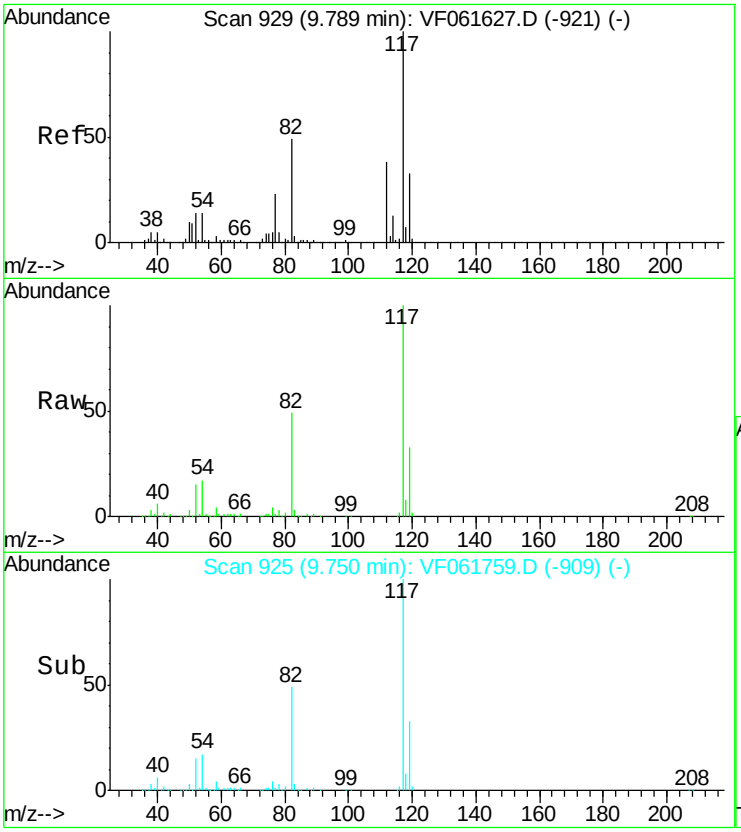


#62
4-Bromofluorobenzene
Concen: 41.267 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 95 Resp: 161955

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	165.8
176	72.0	0.0	167.0

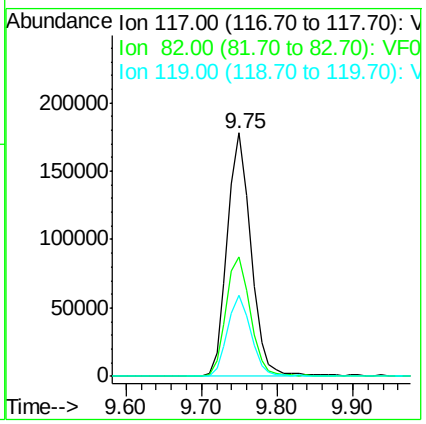




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:117 Resp: 387806

Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.3	58.9
119	33.1	26.6	40.0



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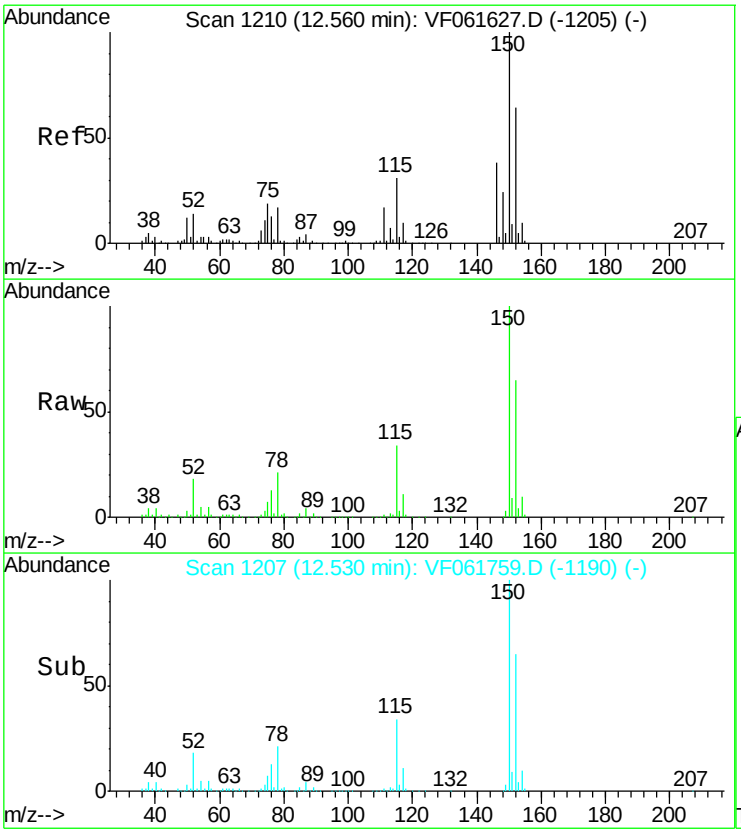

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:152 Resp: 201110

Ion	Ratio	Lower	Upper
152	100		
115	52.0	24.3	72.8
150	152.9	0.0	312.0