Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061640.D
Acq On : 14 Feb 2019 15:05
Operator : VA/AP
Sample : K1350-07
Misc : 6.52g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-02-021319-B

Manual Integrations APPROVED
MMDadoda
2/18/2019 12:11:40 AM

Quant Time: Feb 15 01:24:27 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	4.87	168	352201	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	558768	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	428699	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	233592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	87971	34.06	ug/l	-0.02
Spiked Amount 50.000			Recovery = 68.12%			
35) Dibromofluoromethane	4.11	113	133003	32.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.10%			
50) Toluene-d8	7.55	98	354856	29.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.50%			
62) 4-Bromofluorobenzene	11.41	95	149209	30.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.82%			
Target Compounds						Qvalue
16) Acetone	2.24	43	25166	45.414	ug/l	96
20) Methylene Chloride	2.18	84	25432m	6.365	ug/l	
52) Toluene	7.62	92	13271	1.511	ug/l	93

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

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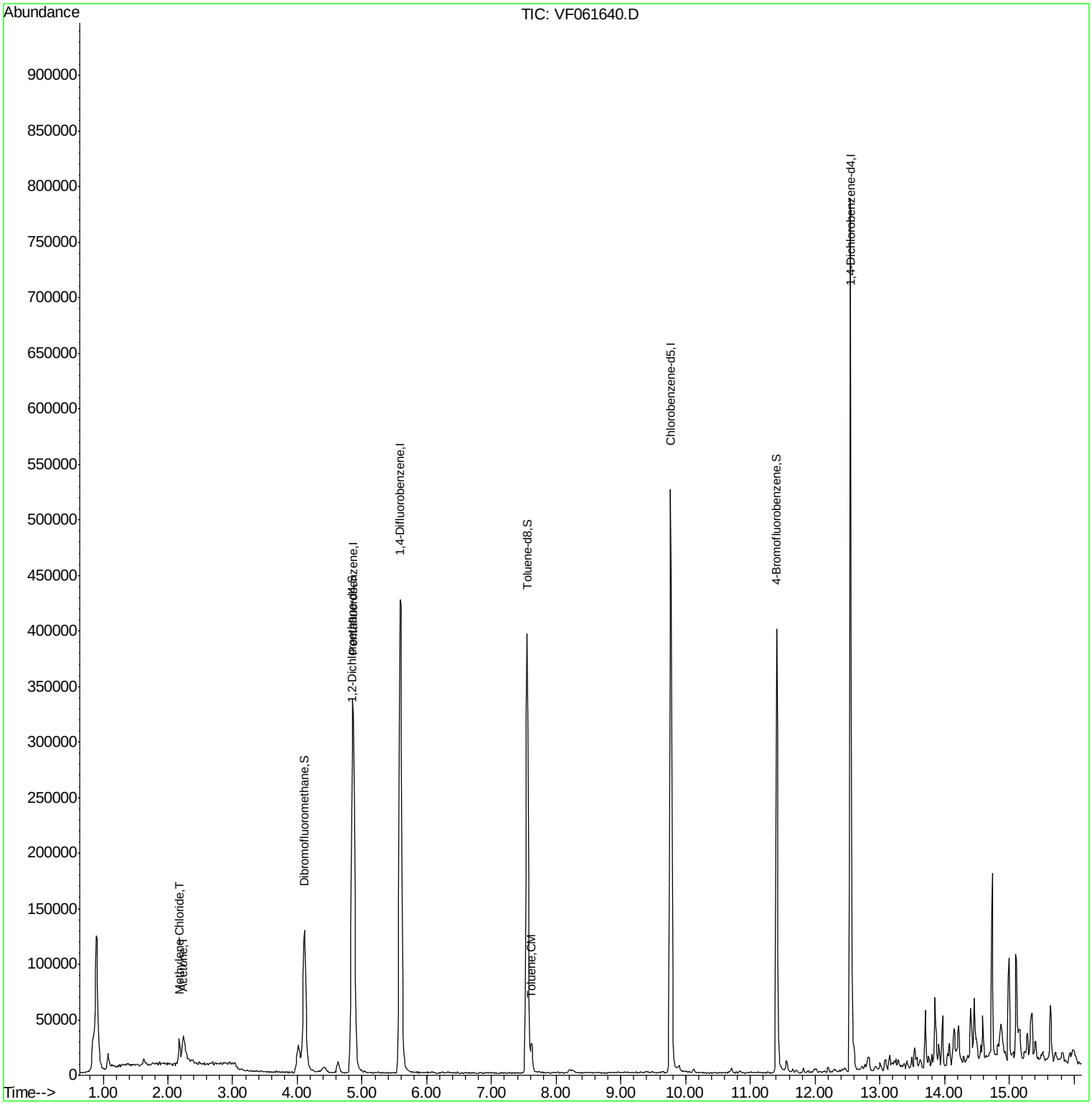
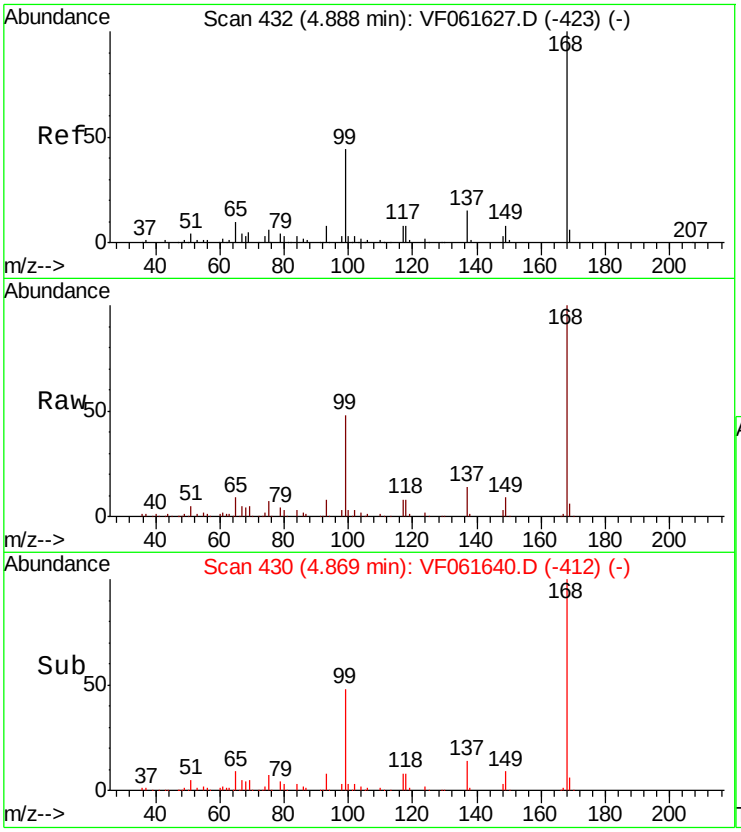
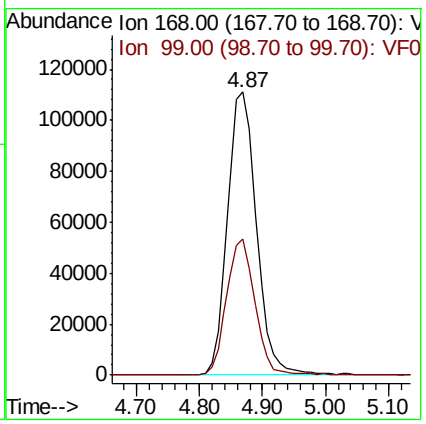




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion:168 Resp: 352201

Ion	Ratio	Lower	Upper
168	100		
99	48.1	34.9	52.3



Instrument :
MSVOA_F
ClientSampleId :
EO-02-021319-B

Manual Integrations APPROVED
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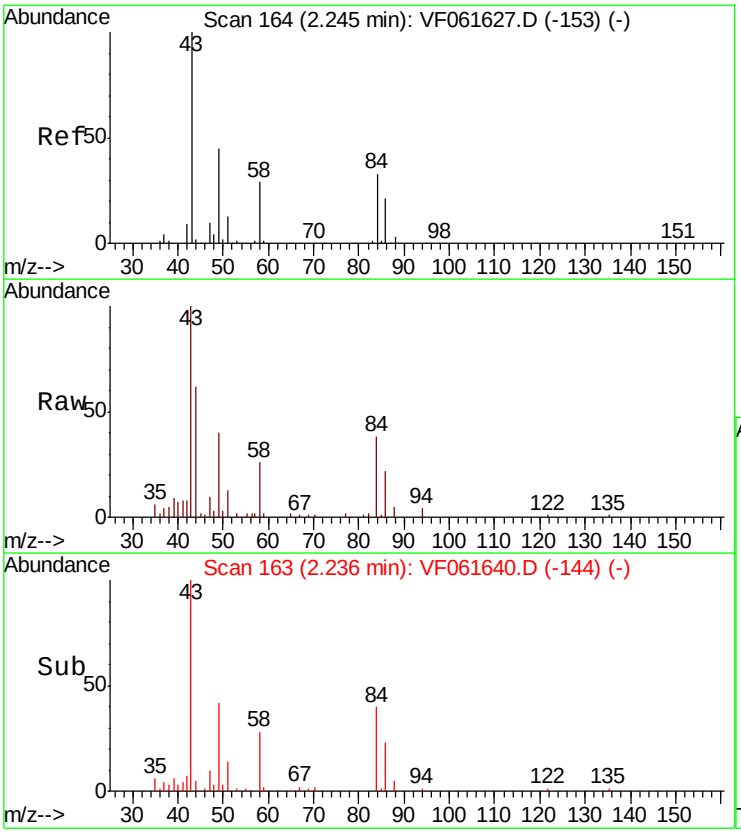
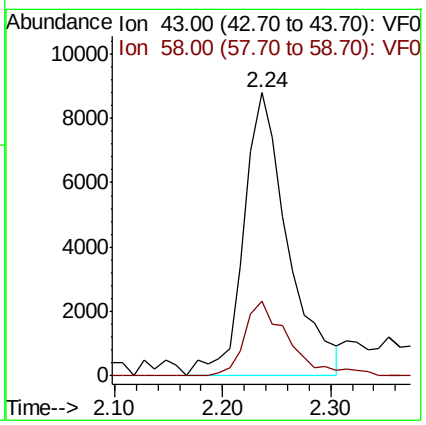
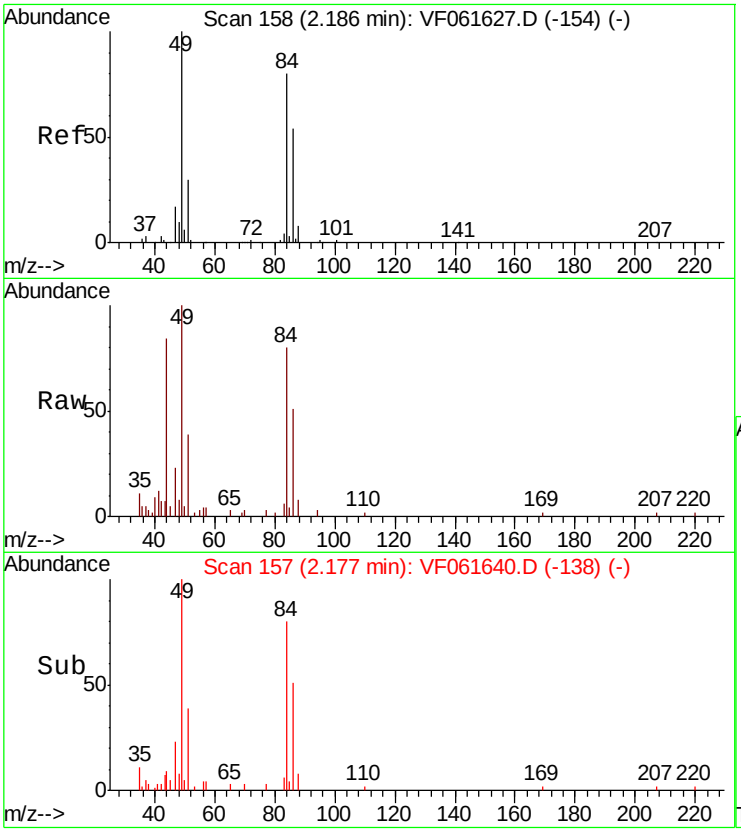


#16
Acetone
Concen: 45.414 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion: 43 Resp: 25166

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.9	34.3

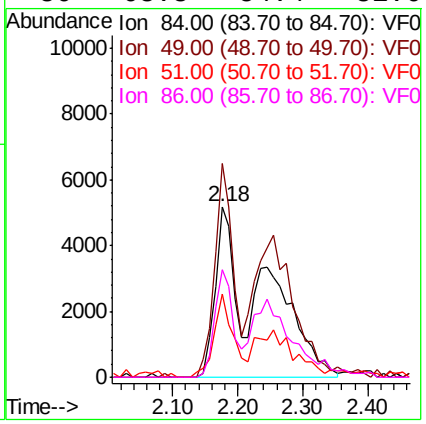




#20
Methylene Chloride
Concen: 6.365 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion: 84 Resp: 25432

Ion	Ratio	Lower	Upper
84	100		
49	125.2	101.8	152.8
51	49.1	31.1	46.7#
86	63.3	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
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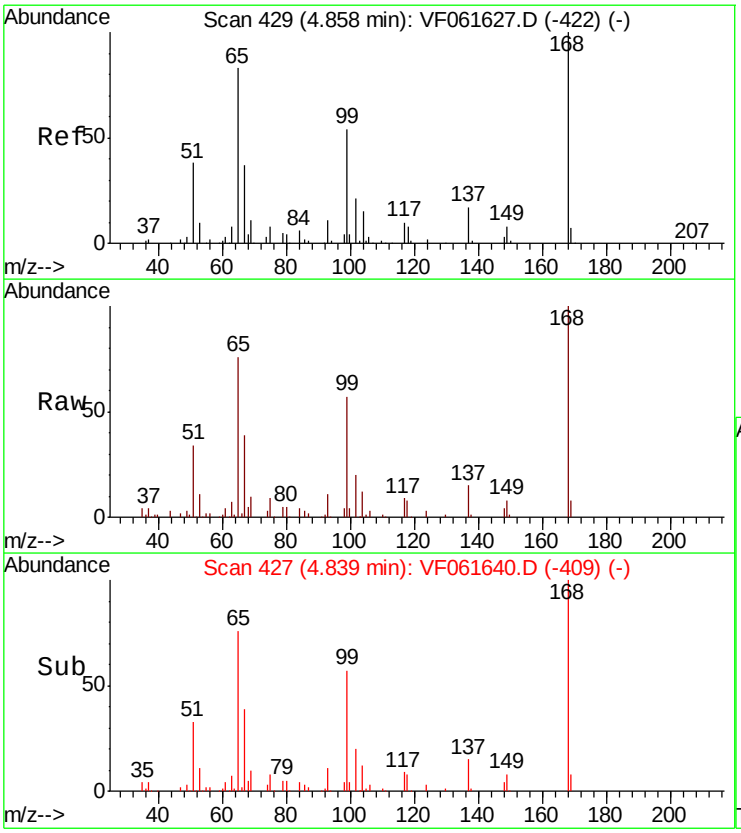
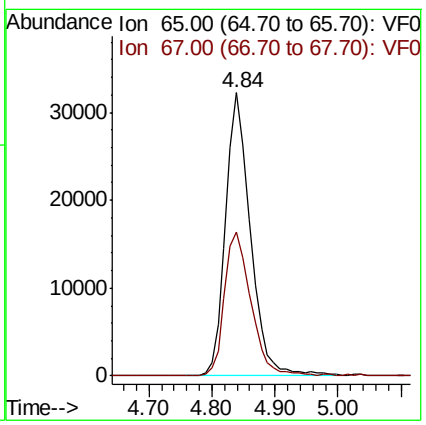
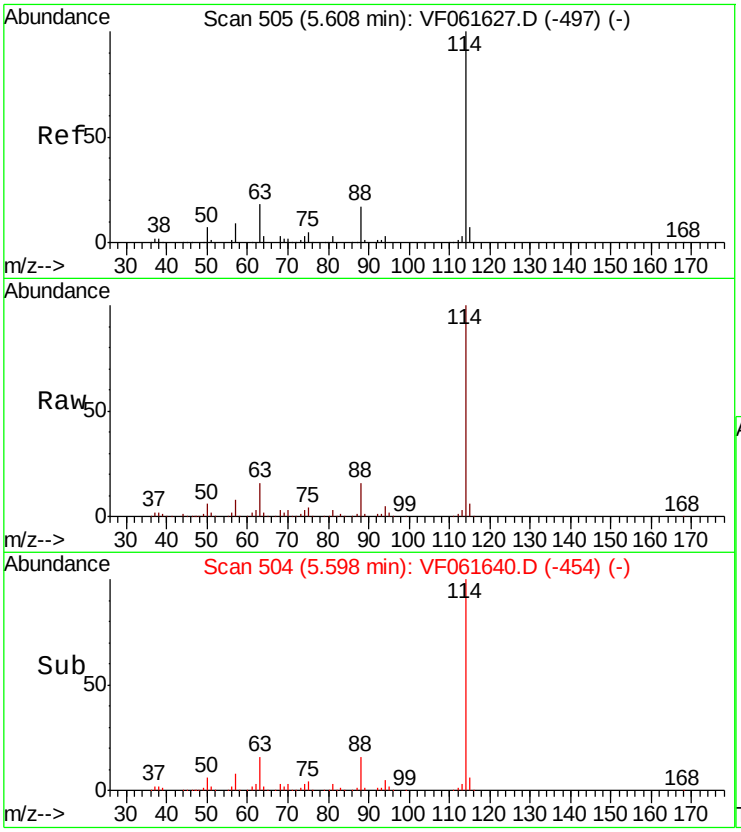


#33
1,2-Dichloroethane-d4
Concen: 34.061 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion: 65 Resp: 87971

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.0

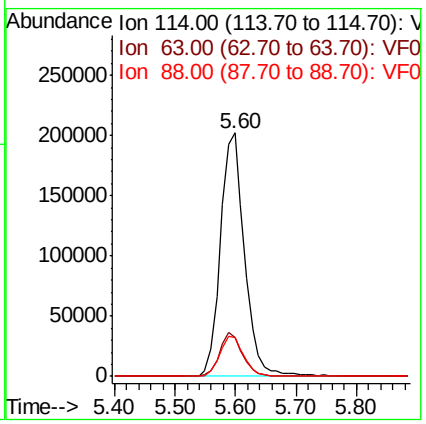




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion:114 Resp: 558768

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	36.6
88	16.2	0.0	34.4



Instrument :
MSVOA_F
ClientSampleId :
EO-02-021319-B

Manual Integrations APPROVED
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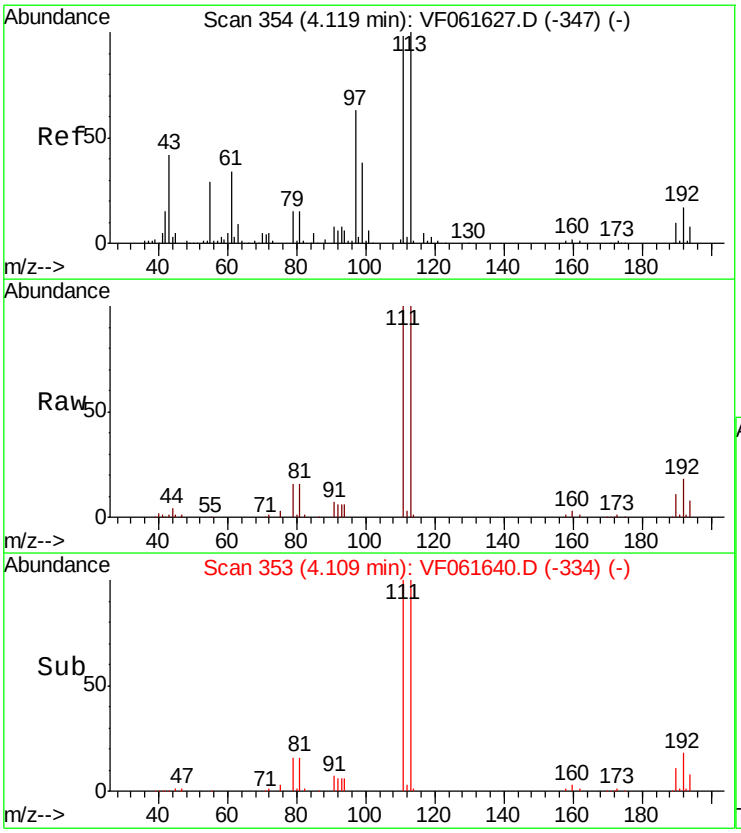
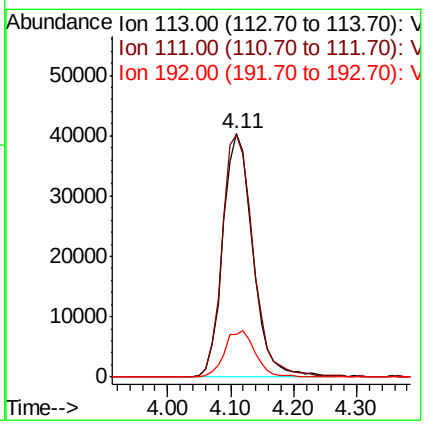
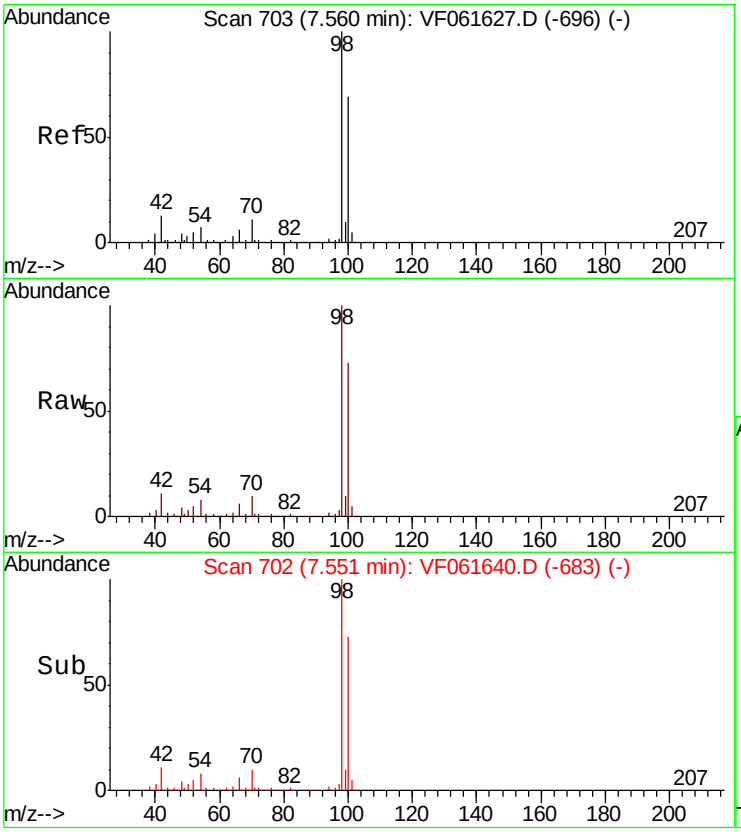


#35
Dibromofluoromethane
Concen: 32.053 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion:113 Resp: 133003

Ion	Ratio	Lower	Upper
113	100		
111	99.5	78.8	118.2
192	18.6	13.4	20.0

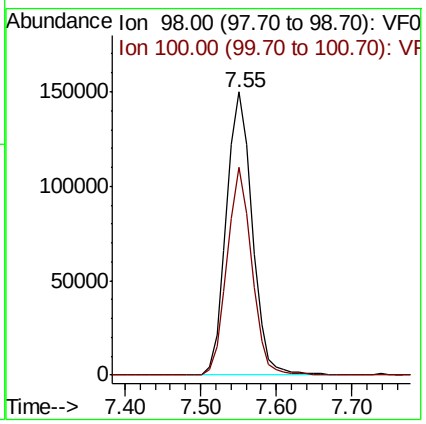




#50
Toluene-d8
Concen: 29.749 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion: 98 Resp: 354856

Ion	Ratio	Lower	Upper
98	100		
100	73.2	55.4	83.2



Instrument :
MSVOA_F
ClientSampleId :
EO-02-021319-B

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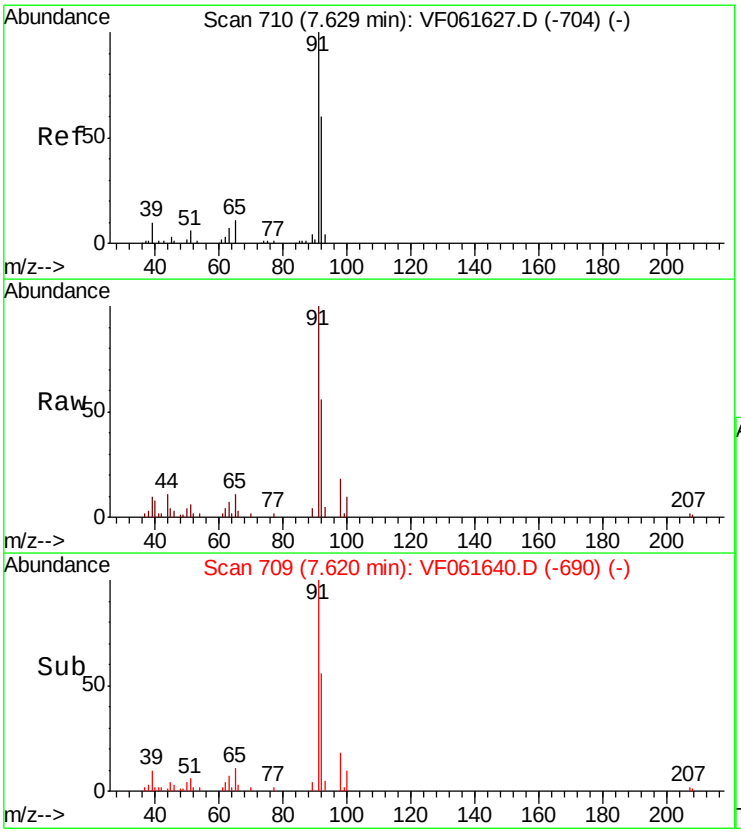
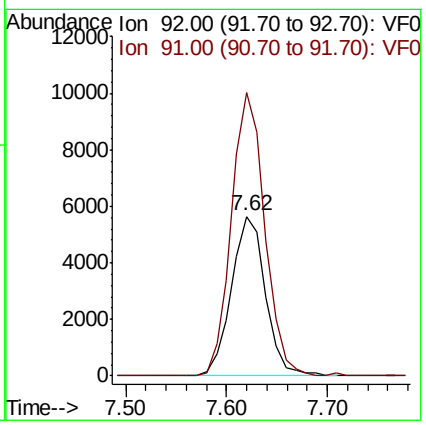
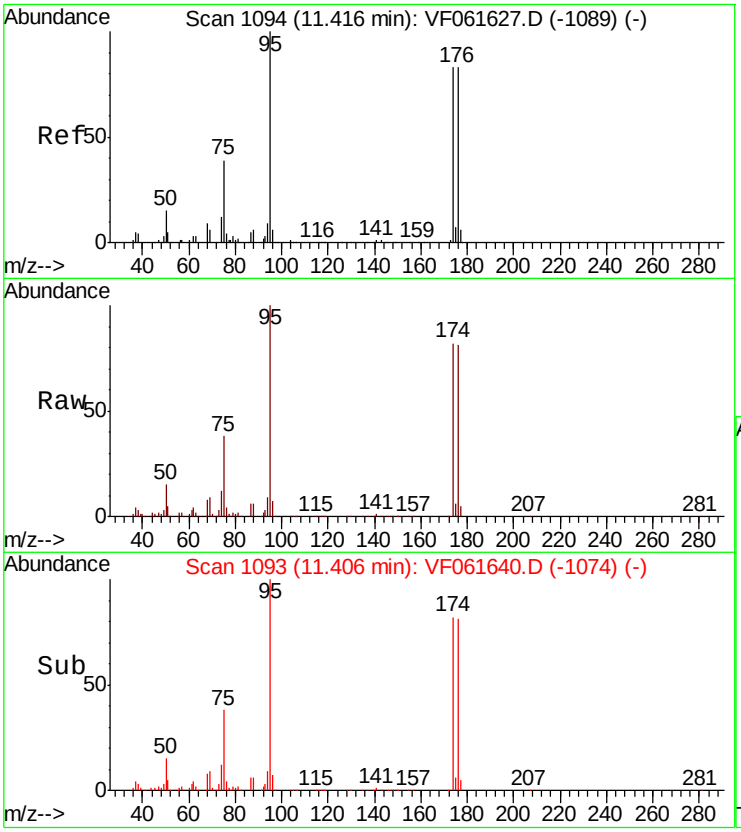


#52
Toluene
Concen: 1.511 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion: 92 Resp: 13271

Ion	Ratio	Lower	Upper
92	100		
91	177.3	133.9	200.9

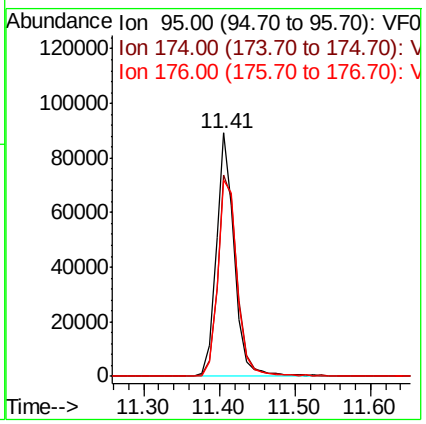




#62
4-Bromofluorobenzene
Concen: 30.915 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion: 95 Resp: 149209

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	165.8
176	80.8	0.0	167.0



Instrument :
MSVOA_F
ClientSampleId :
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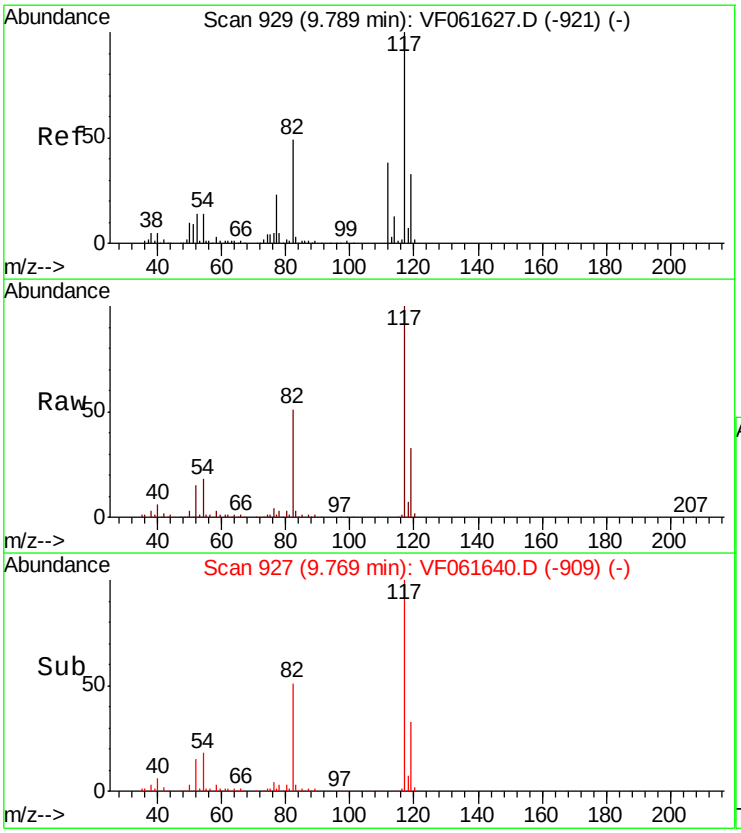
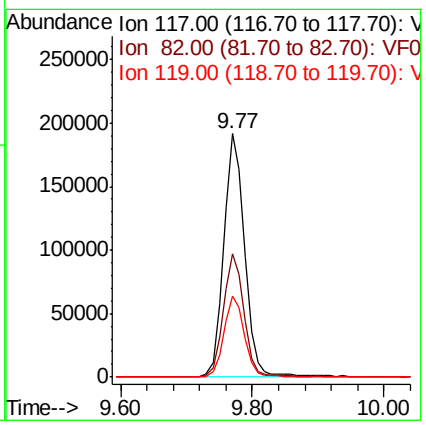
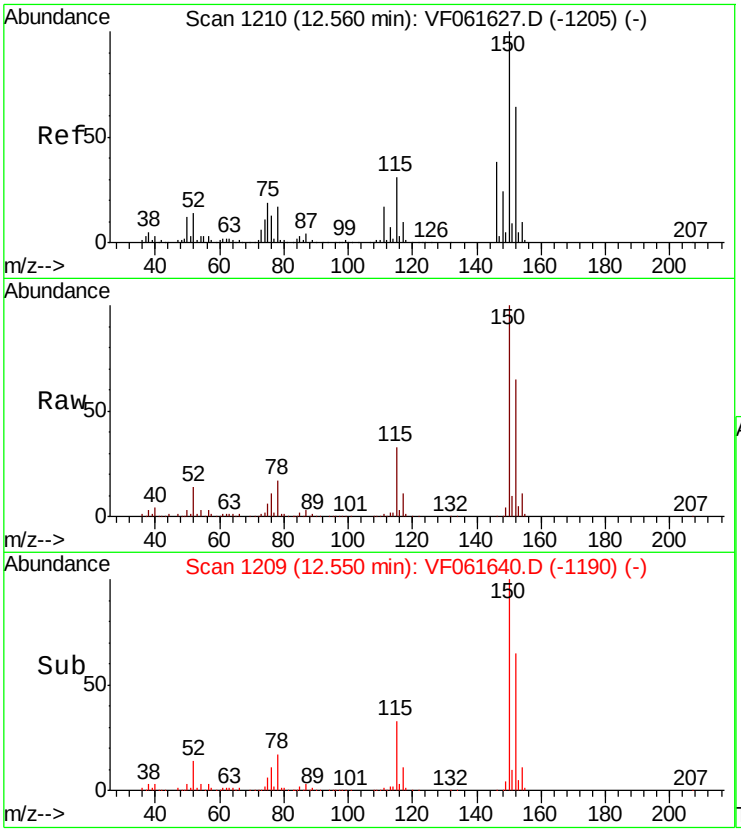


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion:117 Resp: 428699

Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.3	58.9
119	33.1	26.6	40.0

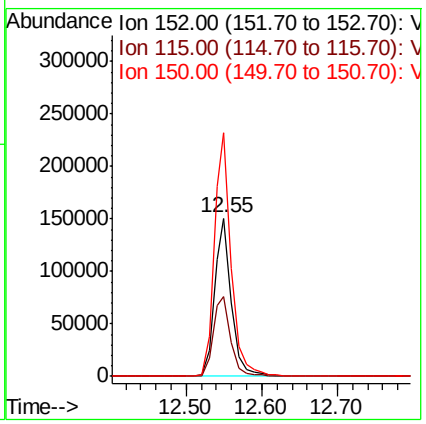




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061640.D
Acq: 14 Feb 2019 15:05

Tgt Ion:152 Resp: 233592

Ion	Ratio	Lower	Upper
152	100		
115	50.7	24.3	72.8
150	154.1	0.0	312.0



Instrument :
MSVOA_F
ClientSampleId :
EO-02-021319-B

Manual Integrations APPROVED
MMDadoda
2/18/2019 12:11:40 AM