Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062882.D
Acq On : 6 Jun 2019 14:59
Operator : FY/SY
Sample : K3153-05
Misc : 5.70g/5mL/MSVOA F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
MMDadoda
6/7/2019 4:04:05 PM

Quant Time: Jun 07 02:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.08	168	646500	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.80	114	1197294	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.93	117	844906	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	426738	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.06	65	196274	43.90	ug/l		0.00
Spiked Amount 50.000			Recovery =	87.80%			
35) Dibromofluoromethane	4.33	113	361749	39.98	ug/l		0.00
Spiked Amount 50.000			Recovery =	79.96%			
50) Toluene-d8	7.73	98	715486	31.27	ug/l		0.00
Spiked Amount 50.000			Recovery =	62.54%			
62) 4-Bromofluorobenzene	11.50	95	400268	48.64	ug/l		0.00
Spiked Amount 50.000			Recovery =	97.28%			
Target Compounds							Qvalue
16) Acetone	2.36	43	42483	41.519	ug/l		99
52) Toluene	7.80	92	133030	7.699	ug/l		97
67) Ethyl Benzene	10.05	91	85761	3.063	ug/l		93
68) m/p-Xylenes	10.27	106	124751	11.643	ug/l	#	71
69) o-Xylene	10.83	106	1041927	96.047	ug/l		93
80) 1,3,5-Trimethylbenzene	11.91	105	2952126	121.234	ug/l		92
84) 1,2,4-Trimethylbenzene	12.28	105	342522	14.836	ug/l		94
85) sec-Butylbenzene	12.38	105	189691	5.966	ug/l		88
86) p-Isopropyltoluene	12.53	119	571764m	21.606	ug/l		

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062882.D
Acq On : 6 Jun 2019 14:59
Operator : FY/SY
Sample : K3153-05
Misc : 5.70g/5mL/MSVOA F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 07 02:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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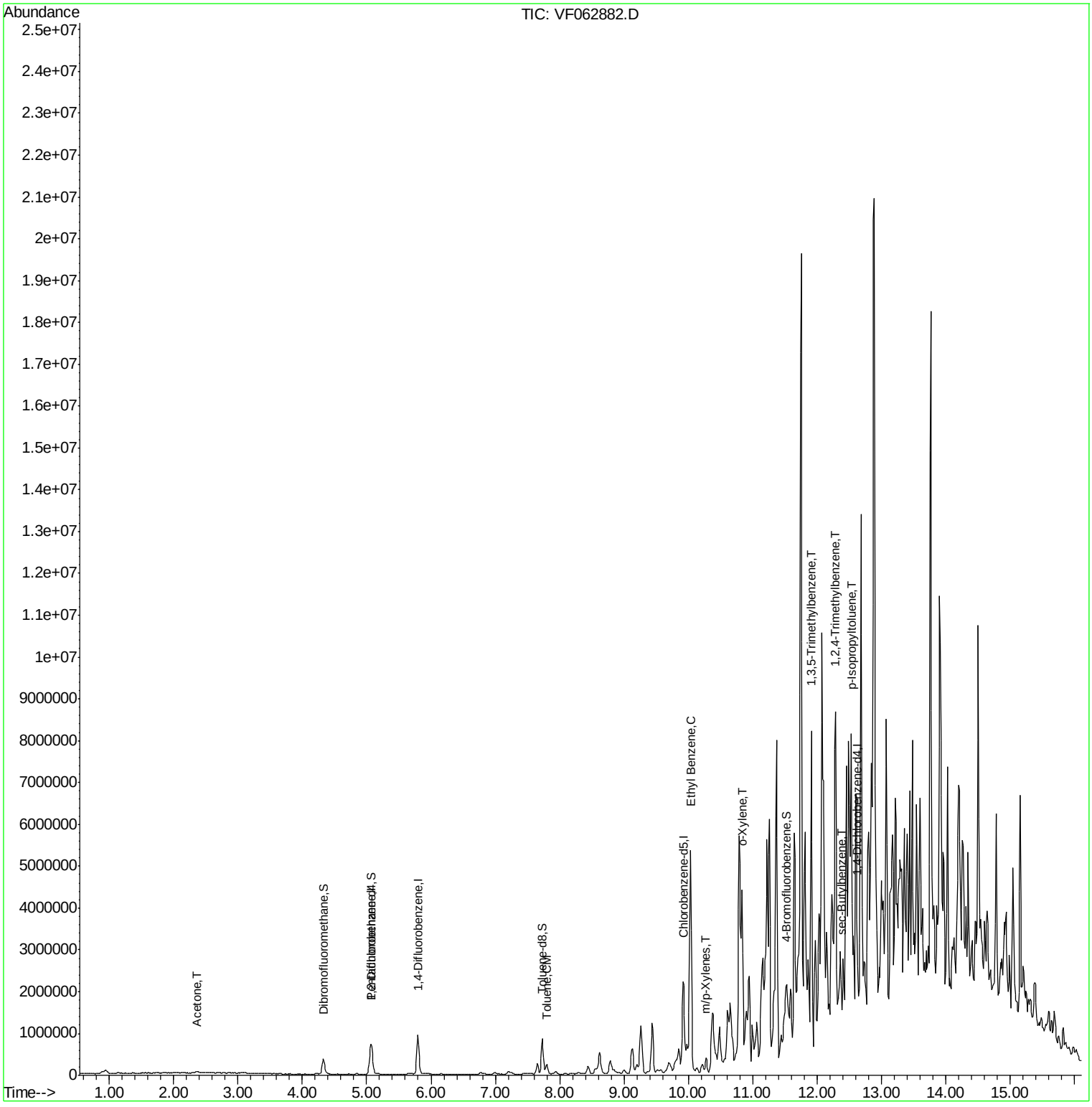
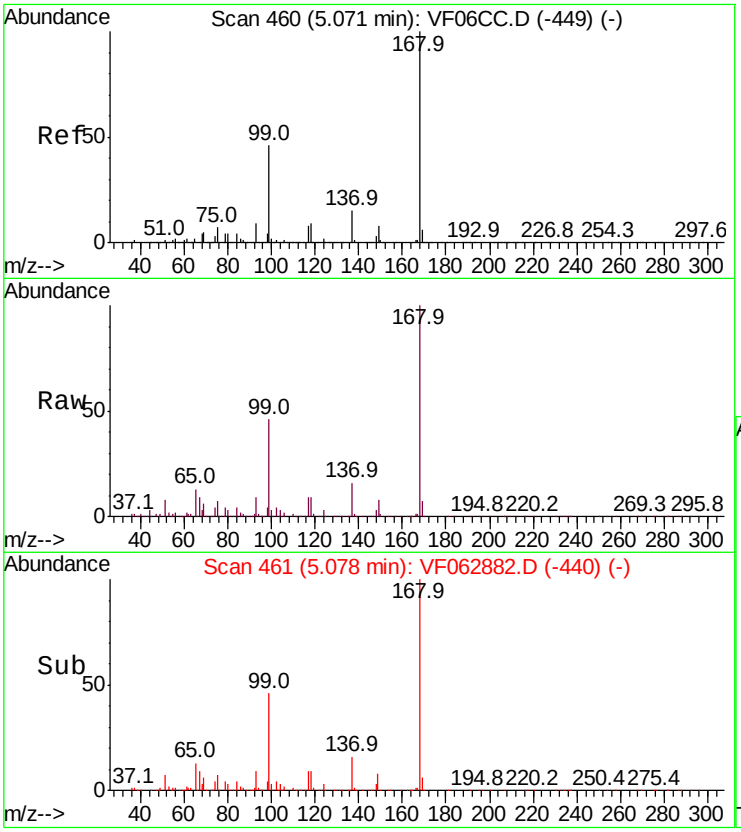
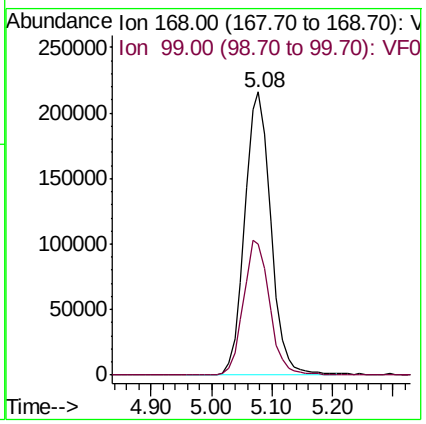




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:168 Resp: 646500

Ion	Ratio	Lower	Upper
168	100		
99	46.5	39.1	58.7



Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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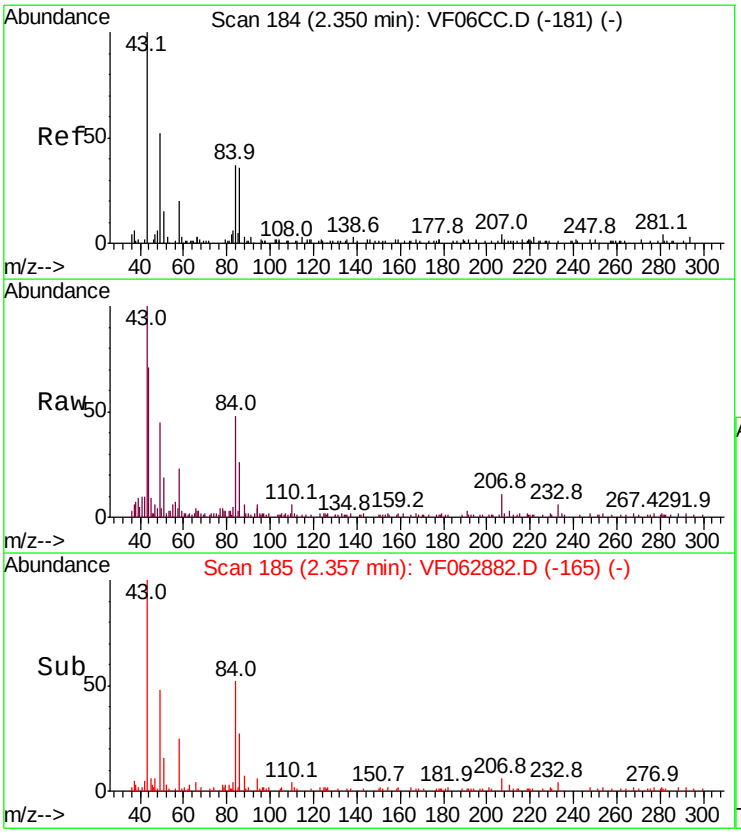
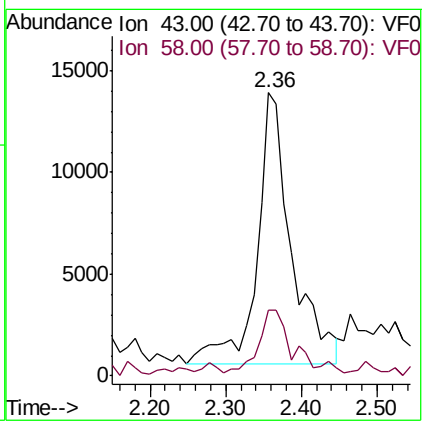
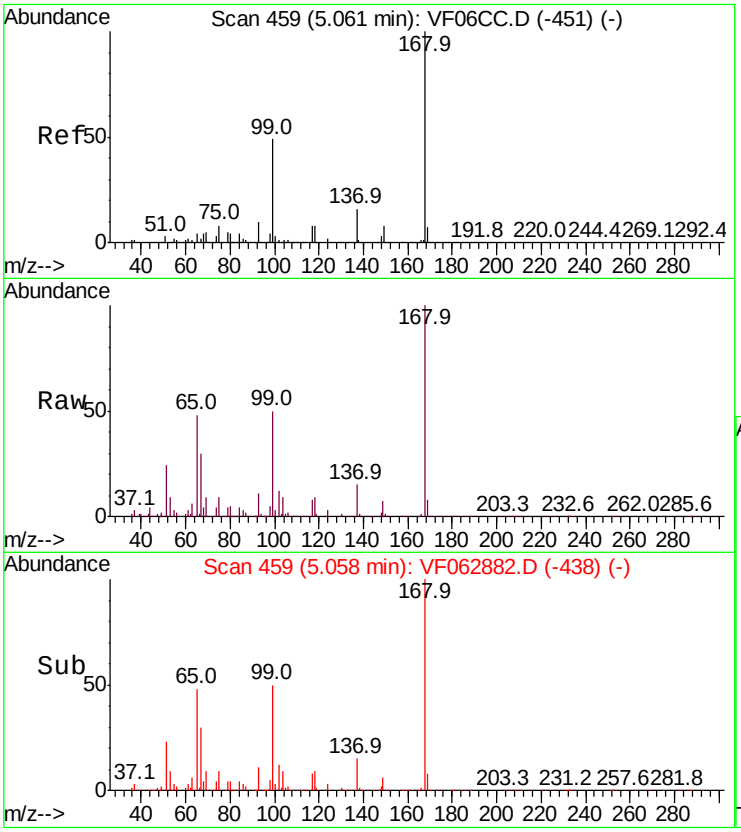


#16
Acetone
Concen: 41.519 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion: 43 Resp: 42483

Ion	Ratio	Lower	Upper
43	100		
58	23.4	19.0	28.4

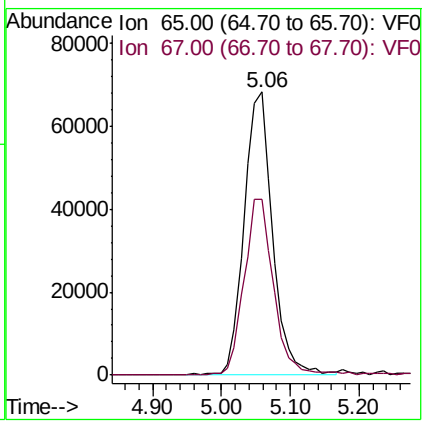




#33
1,2-Dichloroethane-d4
Concen: 43.903 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion: 65 Resp: 196274

Ion	Ratio	Lower	Upper
65	100		
67	62.2	0.0	121.2



Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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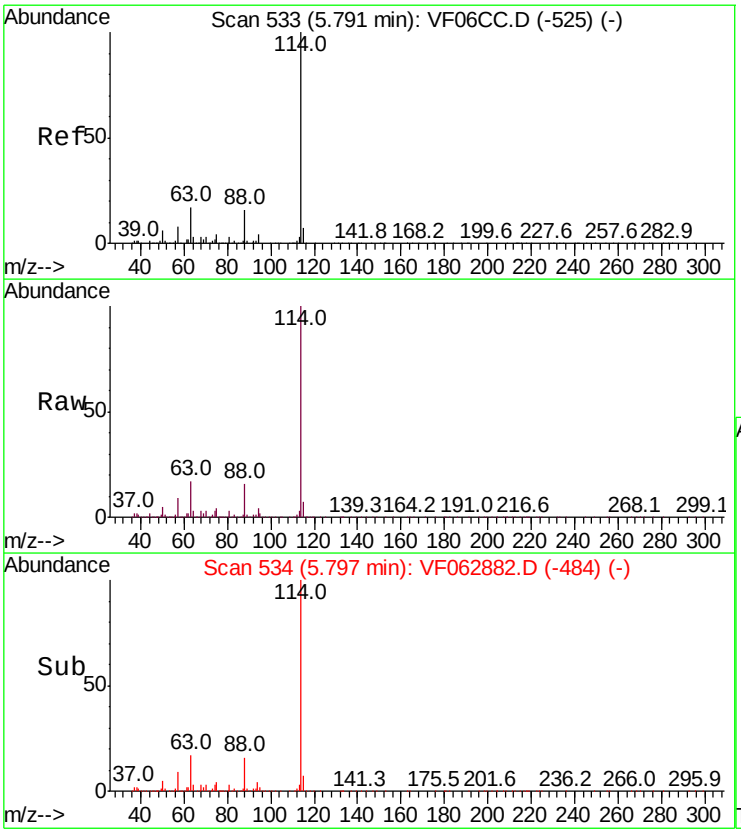
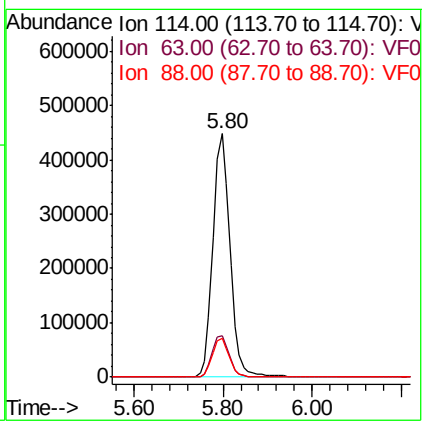
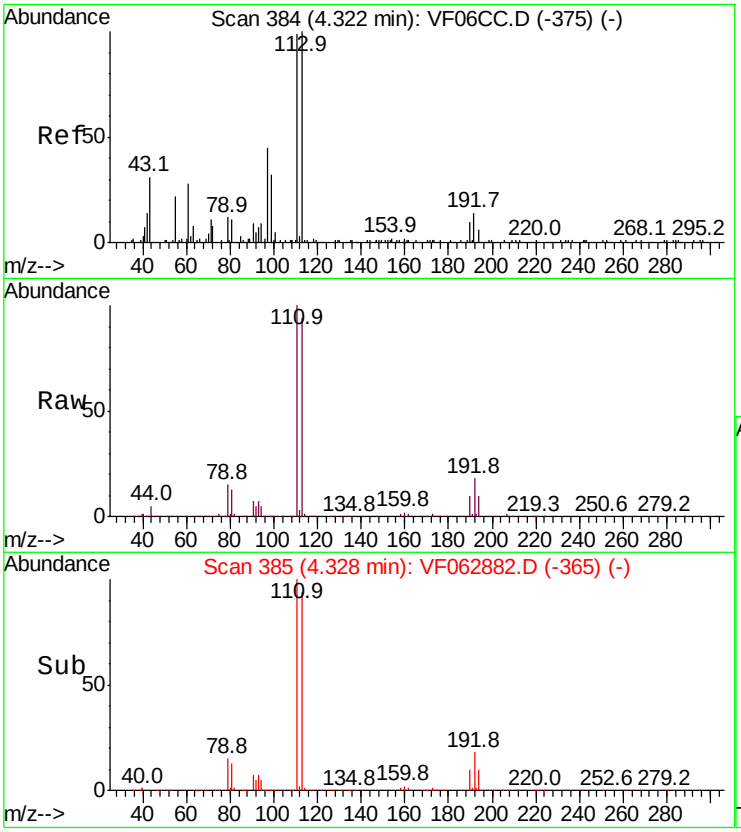


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:114 Resp: 1197294

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	34.2
88	15.9	0.0	31.2

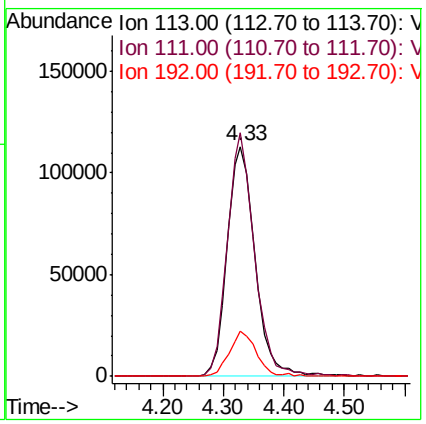




#35
Dibromofluoromethane
Concen: 39.984 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:113 Resp: 361749

Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.9	122.9
192	19.7	15.1	22.7



Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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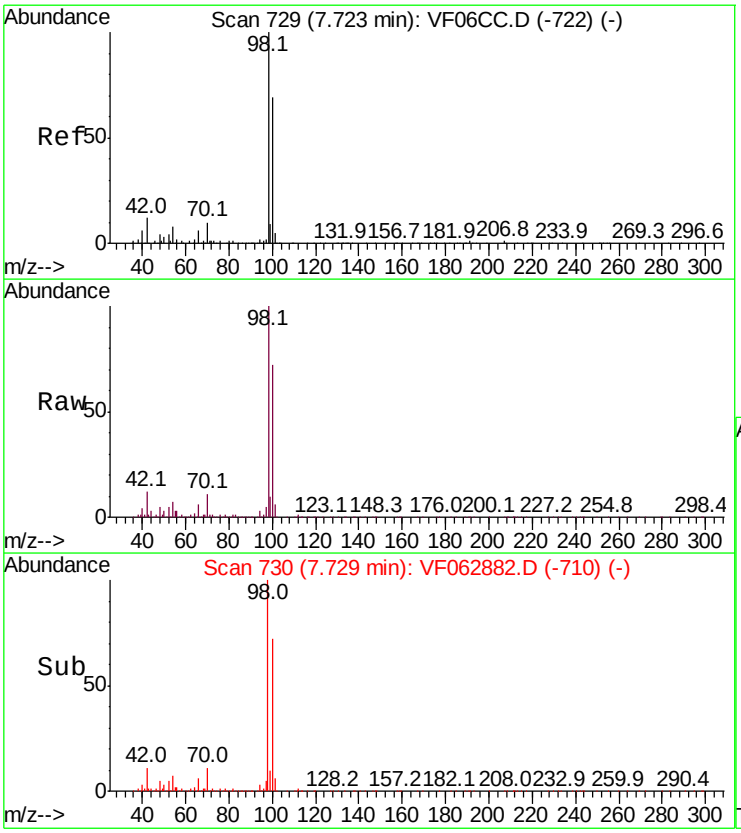
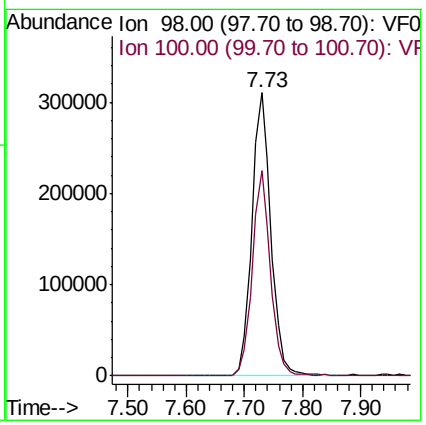
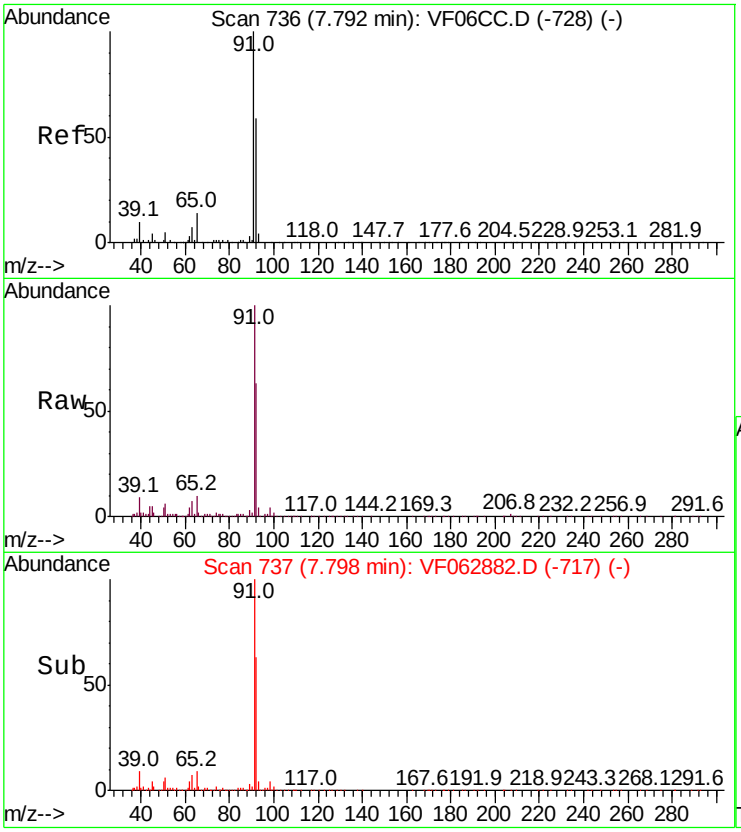


#50
Toluene-d8
Concen: 31.273 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion: 98 Resp: 715486

Ion	Ratio	Lower	Upper
98	100		
100	72.4	59.8	89.8





#52
Toluene
Concen: 7.699 ug/l
RT: 7.80 min Scan# 737
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion: 92 Resp: 133030

Ion	Ratio	Lower	Upper
92	100		
91	158.2	123.2	184.8

Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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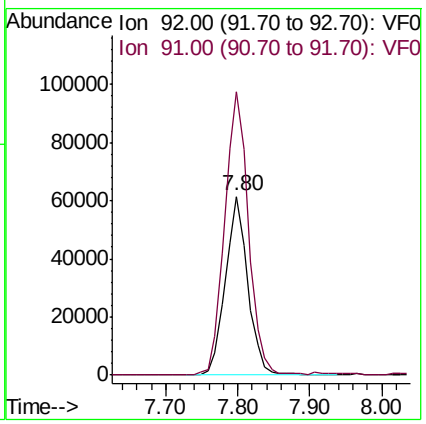
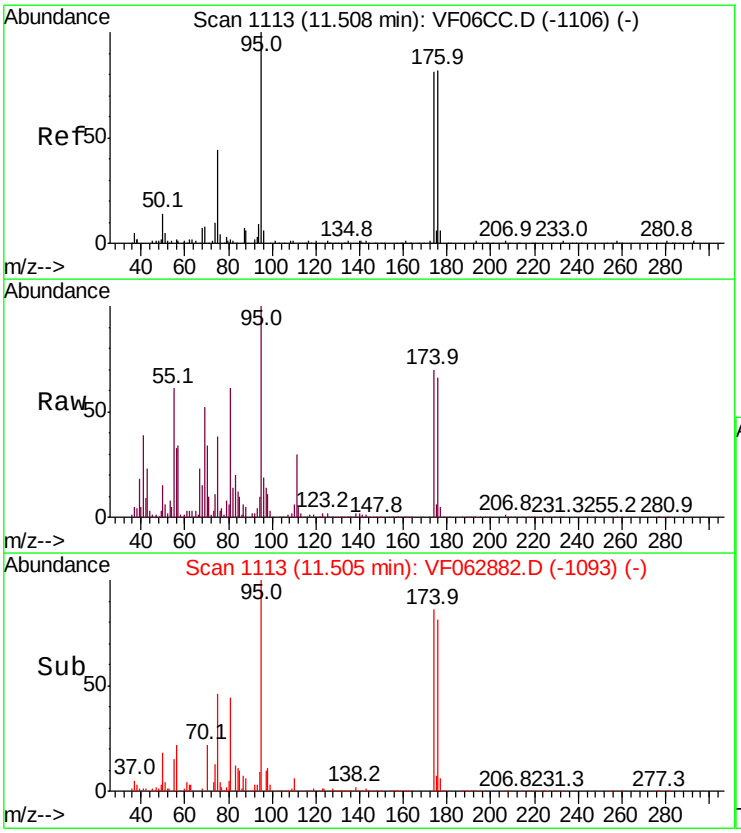
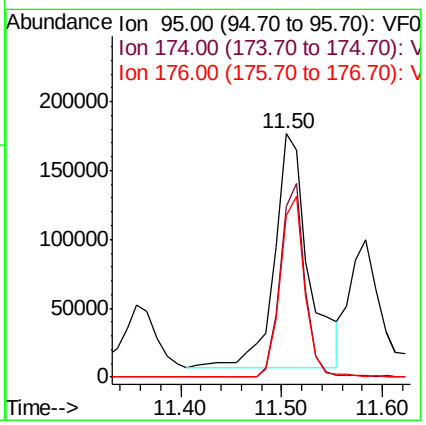


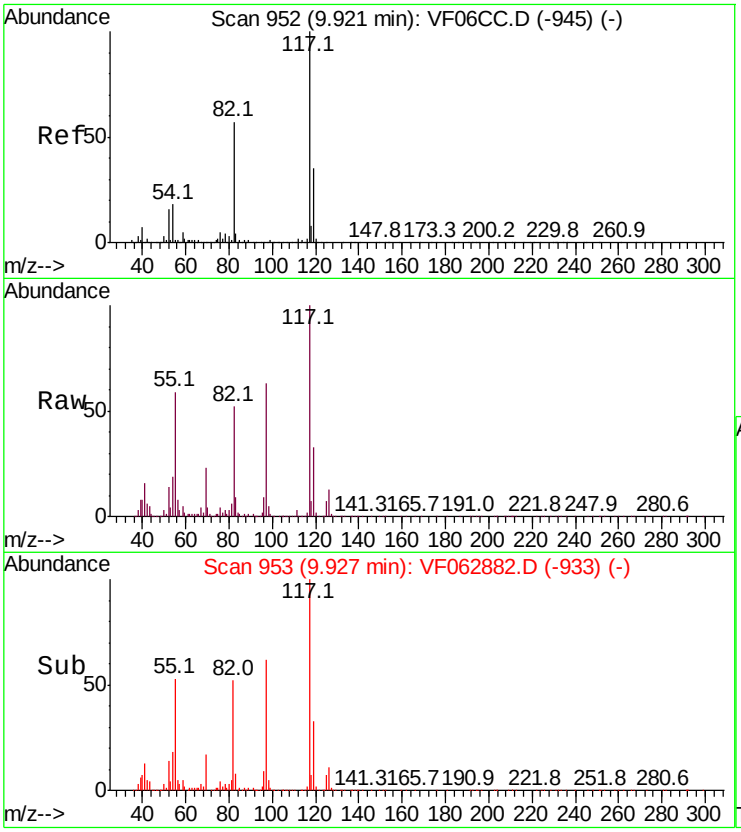


#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion: 95 Resp: 400268

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	170.6
176	66.4	0.0	170.6

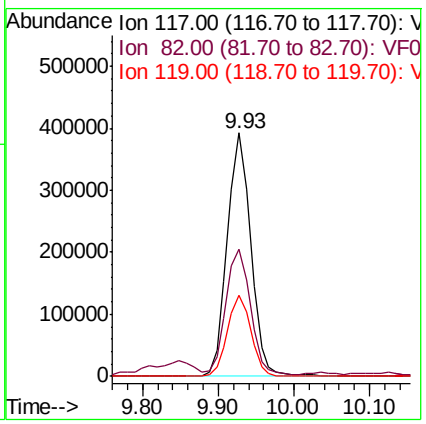




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:117 Resp: 844906

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.4	63.6
119	33.2	27.1	40.7



Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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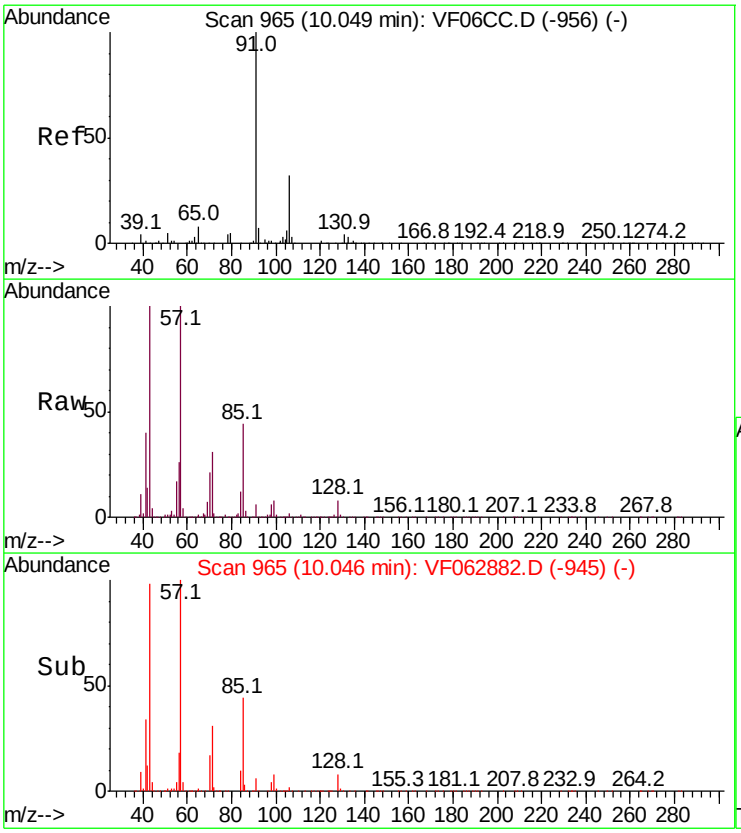
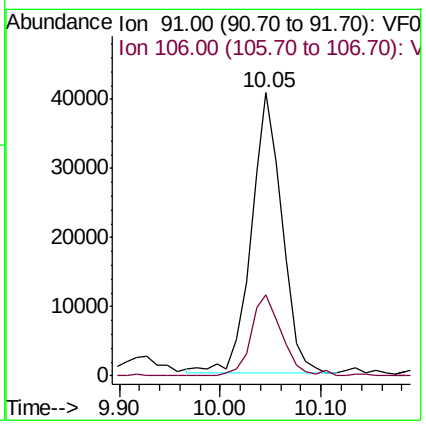
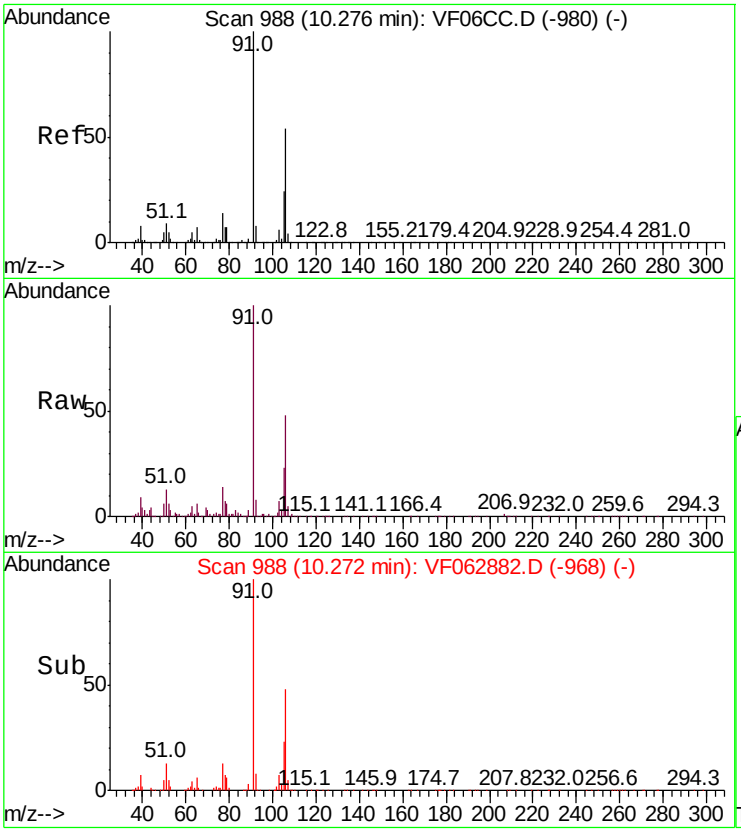


#67
Ethyl Benzene
Concen: 3.063 ug/l
RT: 10.05 min Scan# 965
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion: 91 Resp: 85761

Ion	Ratio	Lower	Upper
91	100		
106	28.5	26.0	39.0





#68
m/p-Xylenes
Concen: 11.643 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:106 Resp: 124751

Ion	Ratio	Lower	Upper
106	100		
91	209.6	136.2	204.4#

Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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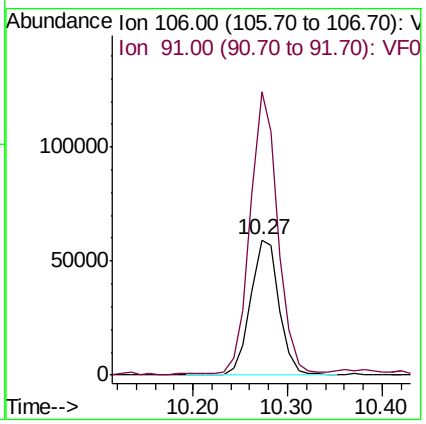
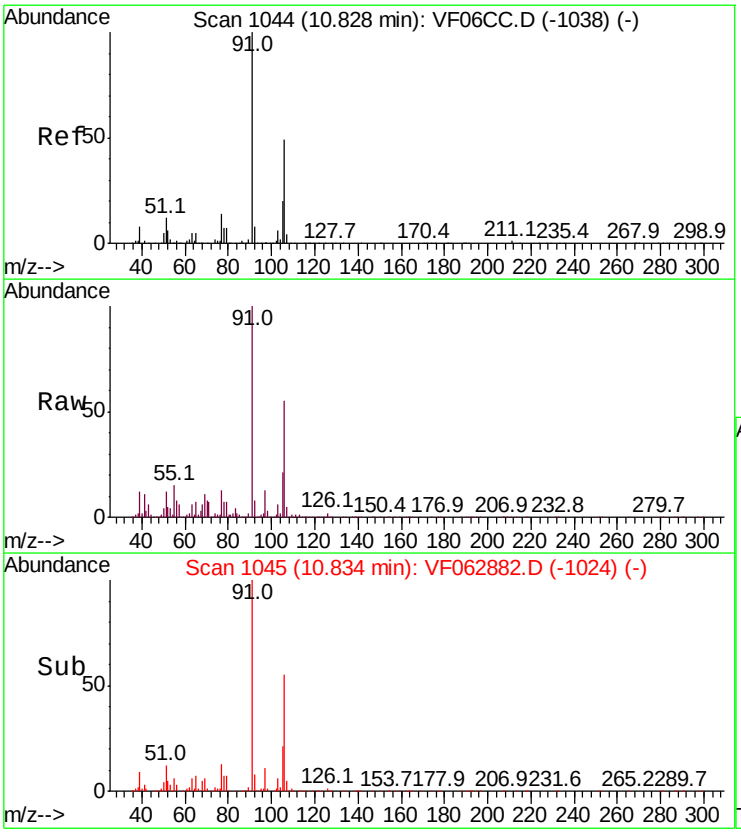
6/7/2019 4:04:05 PM

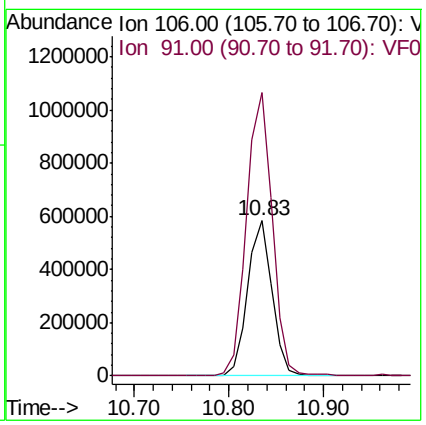


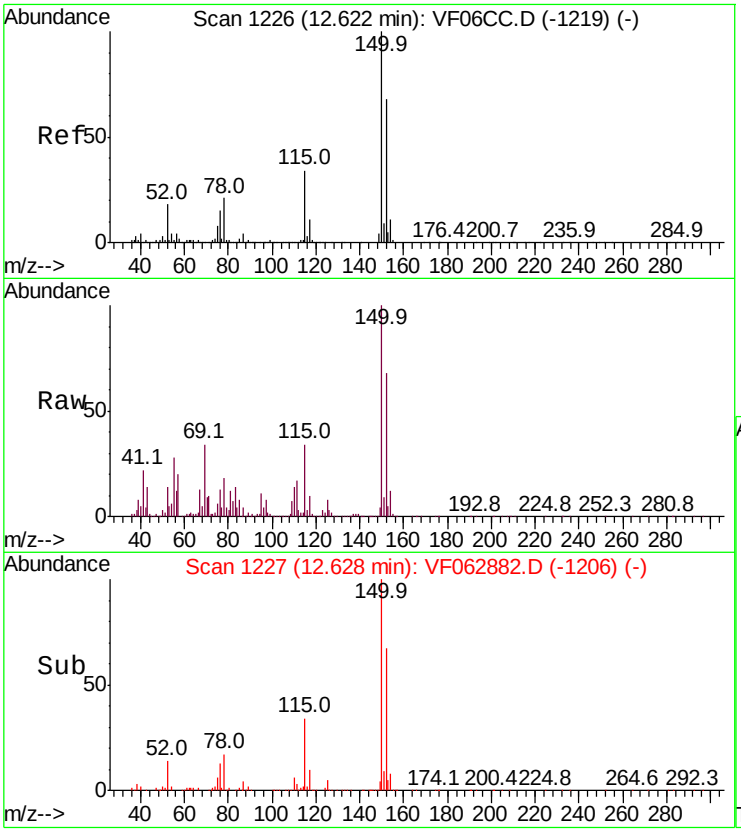


#69
o-Xylene
Concen: 96.047 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:106 Resp: 1041927

Ion	Ratio	Lower	Upper
106	100		
91	182.8	96.6	289.8

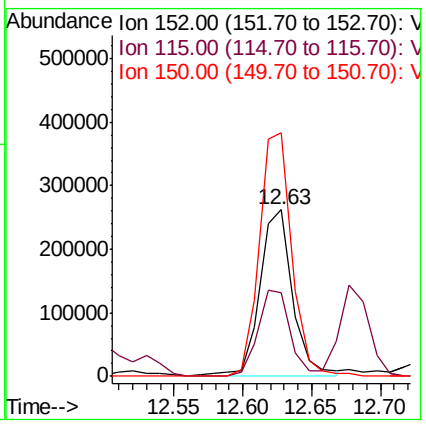




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:152 Resp: 426738

Ion	Ratio	Lower	Upper
152	100		
115	50.0	24.6	74.0
150	146.3	0.0	290.6



Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
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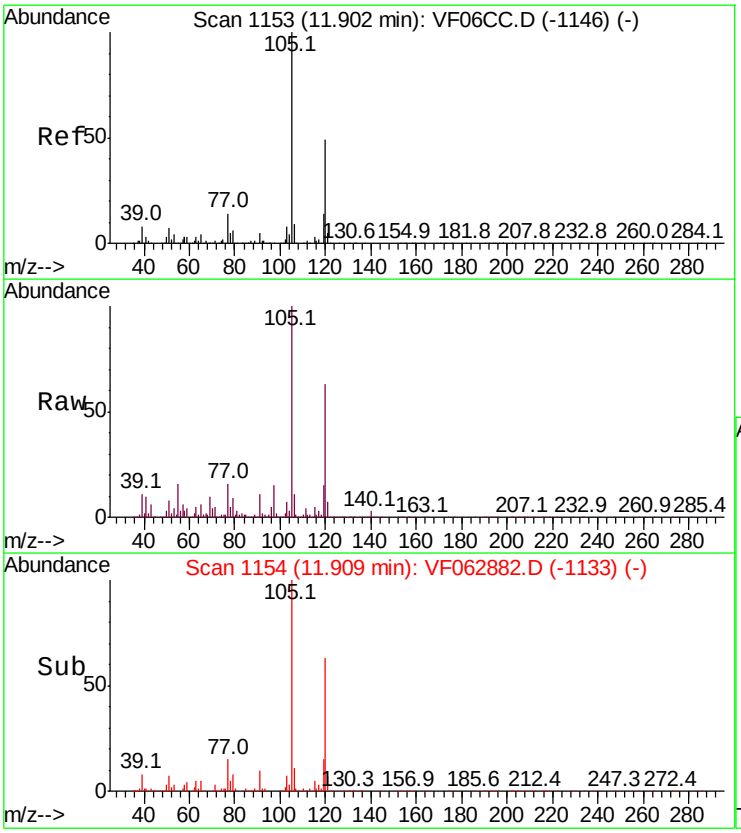
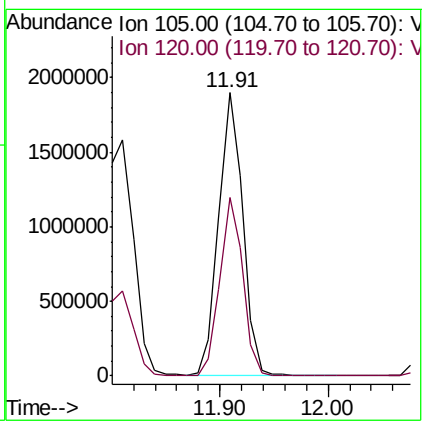
6/7/2019 4:04:05 PM

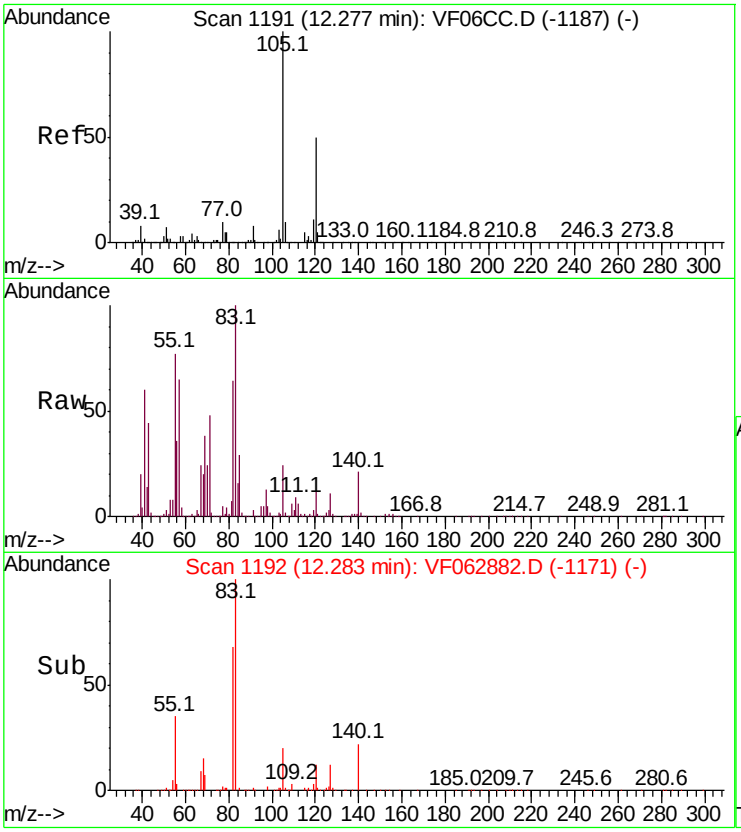


#80
1,3,5-Trimethylbenzene
Concen: 121.234 ug/l
RT: 11.91 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:105 Resp: 2952126

Ion	Ratio	Lower	Upper
105	100		
120	63.2	28.7	86.1





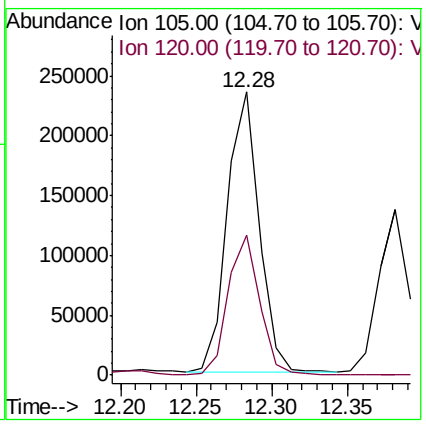
#84
1,2,4-Trimethylbenzene
Concen: 14.836 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

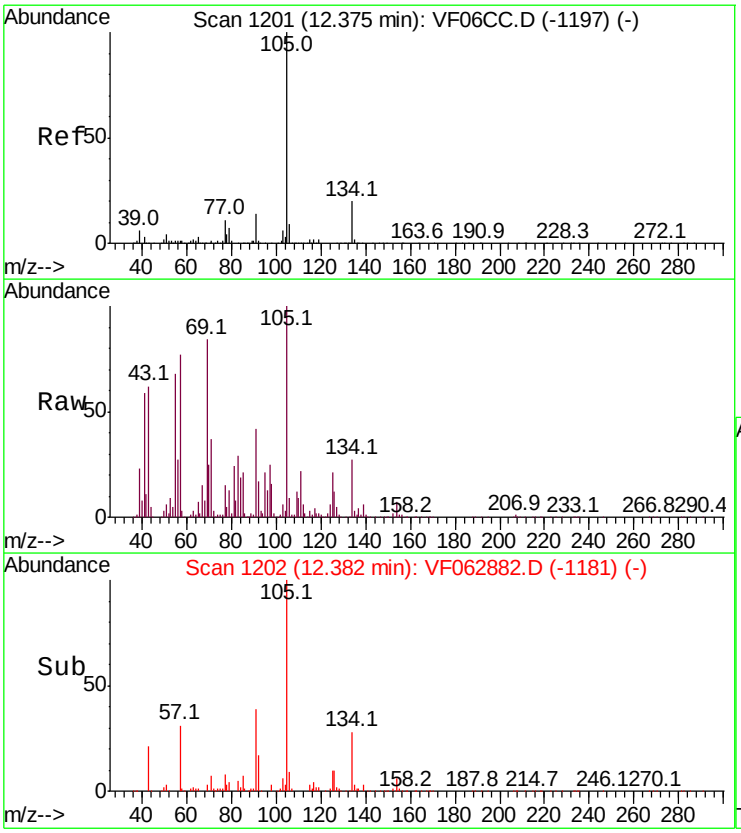
Tgt Ion:105 Resp: 342522

Ion	Ratio	Lower	Upper
105	100		
120	49.6	27.1	81.3

Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
MMDadoda
6/7/2019 4:04:05 PM

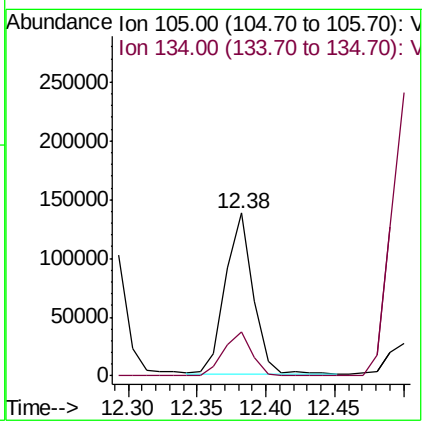


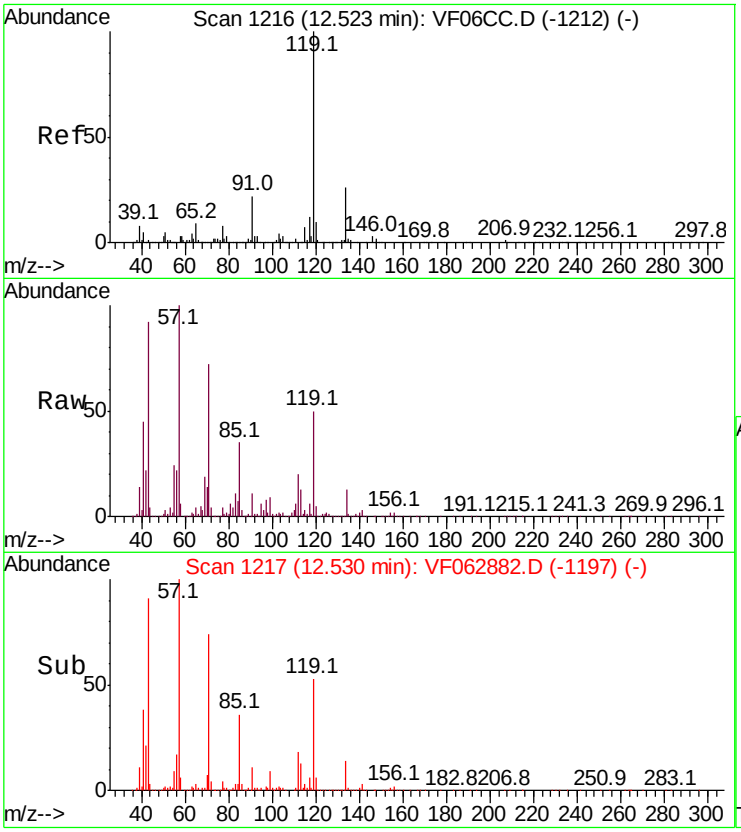


#85
sec-Butylbenzene
Concen: 5.966 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:105 Resp: 189691

Ion	Ratio	Lower	Upper
105	100		
134	26.8	10.5	31.6

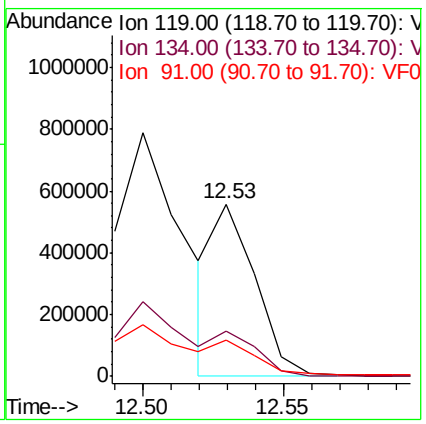




#86
p-Isopropyltoluene
Concen: 21.606 ug/l m
RT: 12.53 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VF062882.D
Acq: 6 Jun 2019 14:59

Tgt Ion:119 Resp: 571764

Ion	Ratio	Lower	Upper
119	100		
134	26.1	15.5	46.5
91	21.2	10.3	30.9



Instrument :
MSVOA_F
ClientSampleId :
HR-05-060519-C

Manual Integrations APPROVED
MMDadoda
6/7/2019 4:04:05 PM