Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060482.D
Acq On : 8 Oct 2018 14:08
Operator : VA/AP
Sample : J5084-08RE
Misc : 5.99/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : B-6(2.5-3)RE

Quant Time: Oct 09 01:53:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	275704	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.73	114	463668	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.88	117	372583	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	185348	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	170610	39.55	ug/l	-0.01
Spiked Amount 50.000			Recovery = 79.10%			
35) Dibromofluoromethane	4.25	113	182413	41.88	ug/l	-0.01
Spiked Amount 50.000			Recovery = 83.76%			
50) Toluene-d8	7.67	98	330720	30.83	ug/l	-0.01
Spiked Amount 50.000			Recovery = 61.66%			
62) 4-Bromofluorobenzene	11.48	95	150001	30.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.24%			
Target Compounds						Qvalue
52) Toluene	7.75	92	10047	1.303	ug/l	81
67) Ethyl Benzene	10.00	91	39576	2.720	ug/l	98
68) m/p-Xylenes	10.23	106	28504	5.698	ug/l	81
69) o-Xylene	10.79	106	11971	2.195	ug/l	64
80) 1,3,5-Trimethylbenzene	11.89	105	13517	1.090	ug/l	92
84) 1,2,4-Trimethylbenzene	12.26	105	27787	2.260	ug/l	93

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

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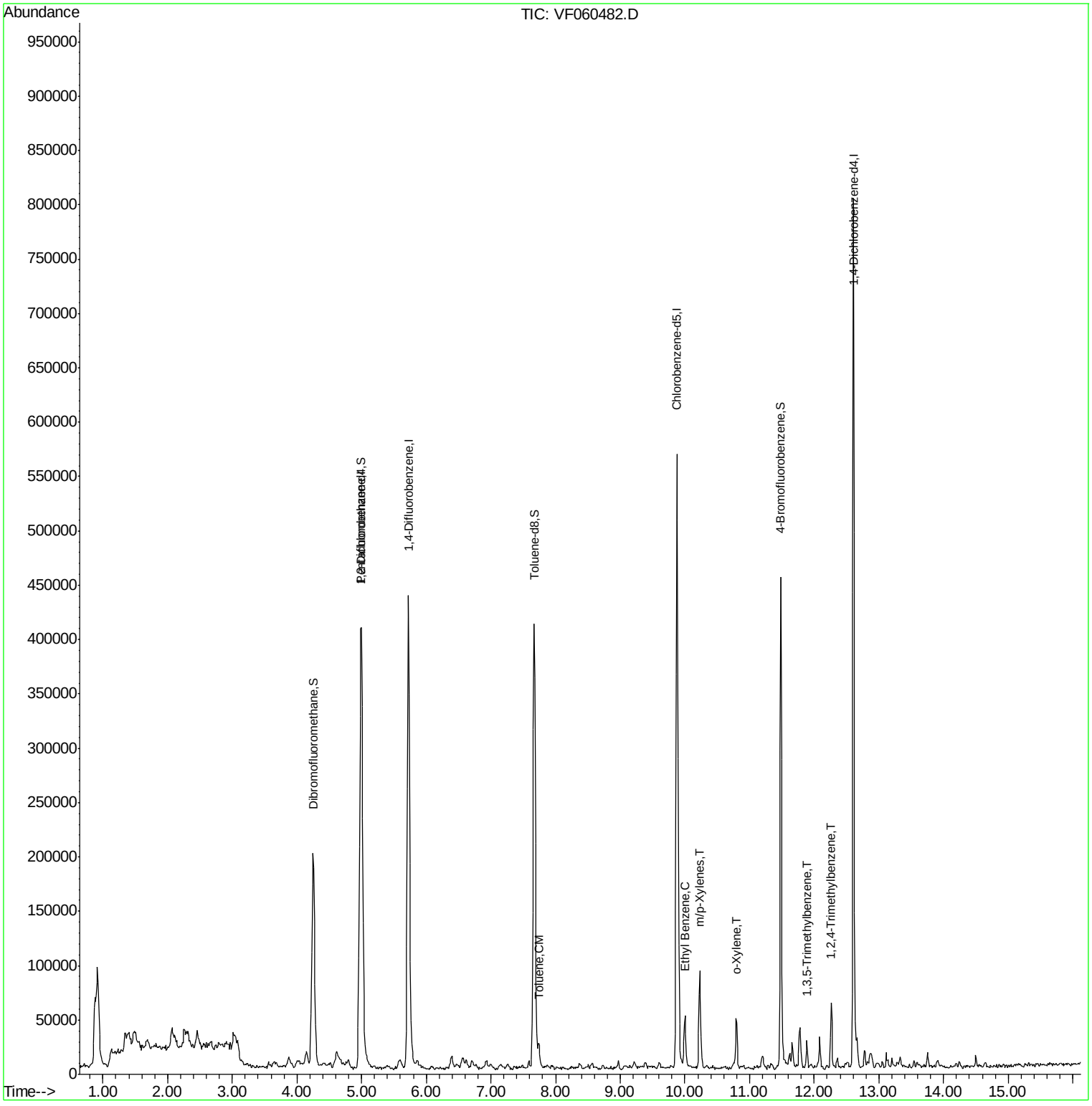
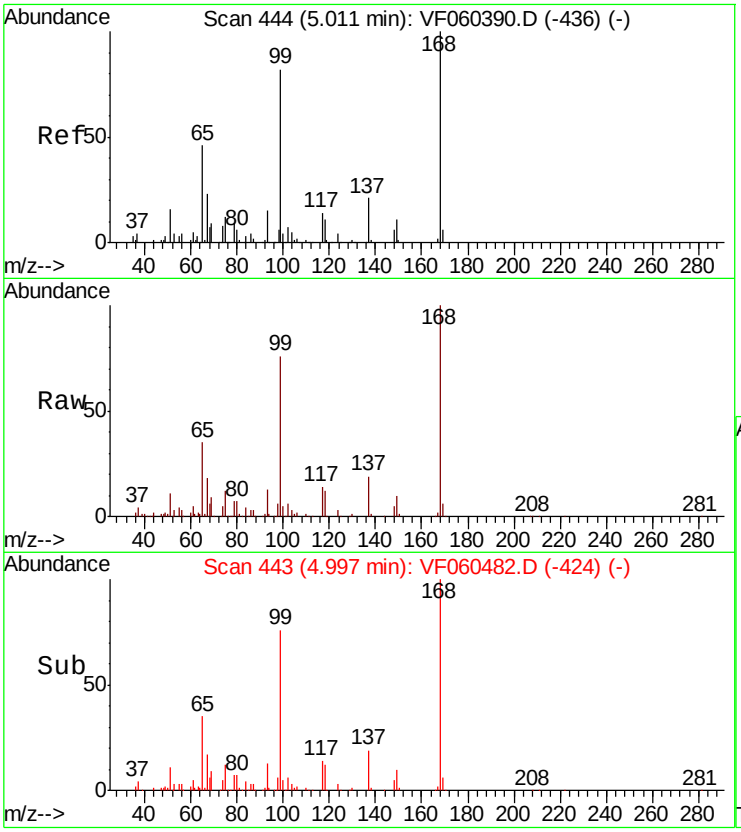


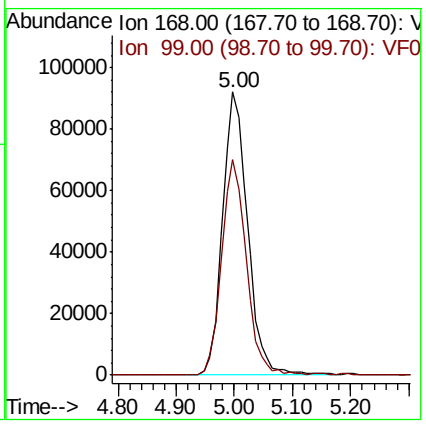


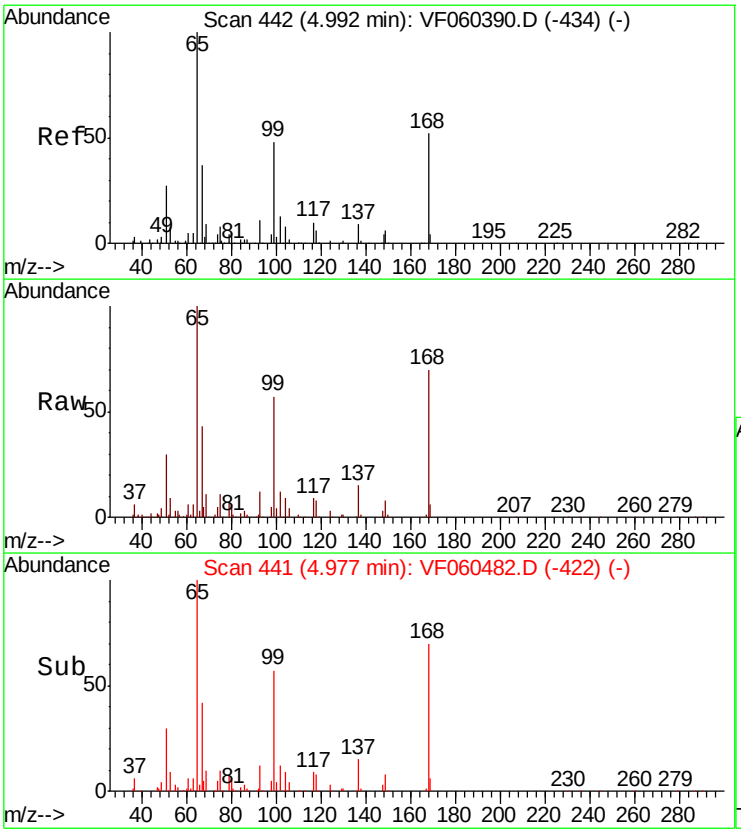
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.00 min Scan# 443
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion:168 Resp: 275704

Ion	Ratio	Lower	Upper
168	100		
99	76.2	65.3	97.9

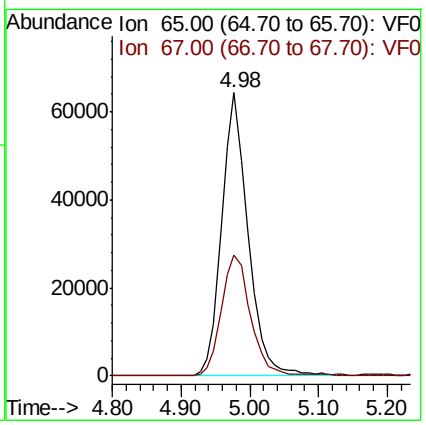


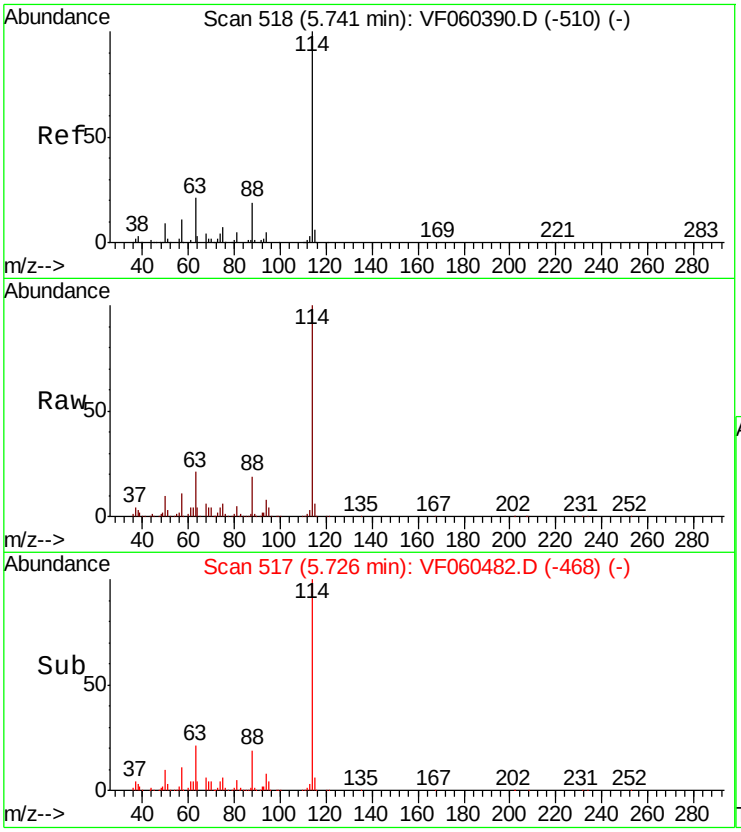


#33
1,2-Dichloroethane-d4
Concen: 39.547 ug/l
RT: 4.98 min Scan# 441
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion: 65 Resp: 170610

Ion	Ratio	Lower	Upper
65	100		
67	42.6	0.0	89.4



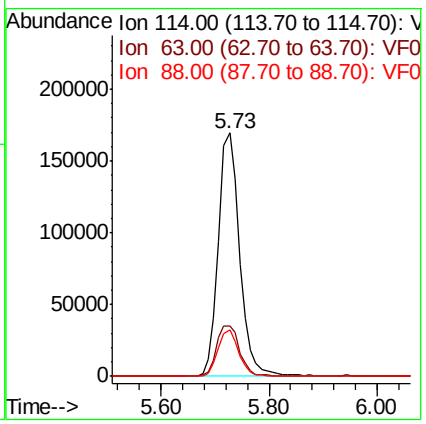


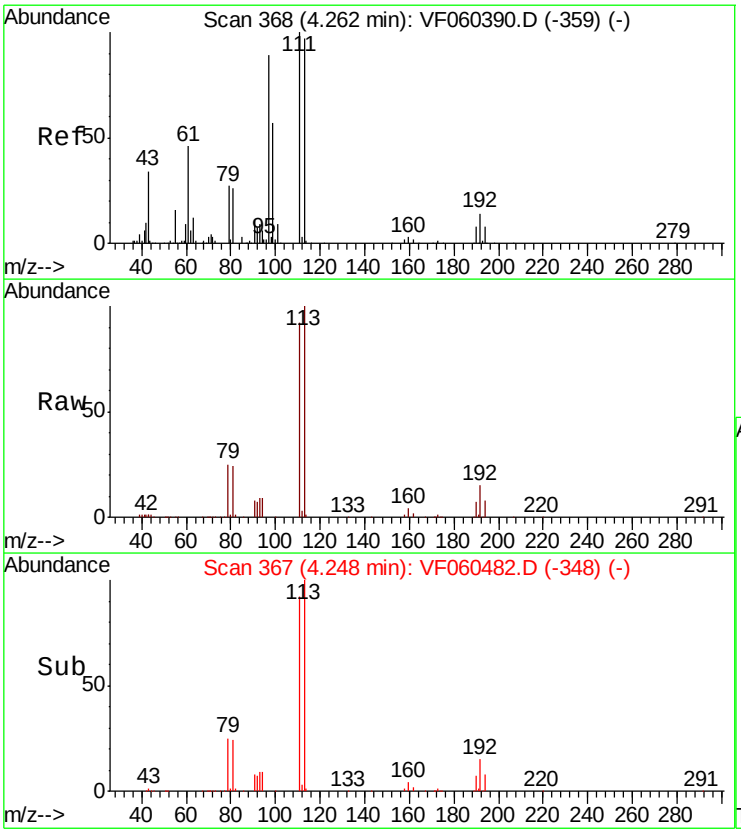
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.73 min Scan# 517
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion:114 Resp: 463668

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	19.2	0.0	38.8

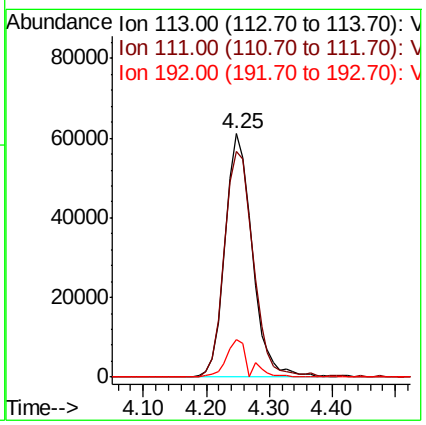


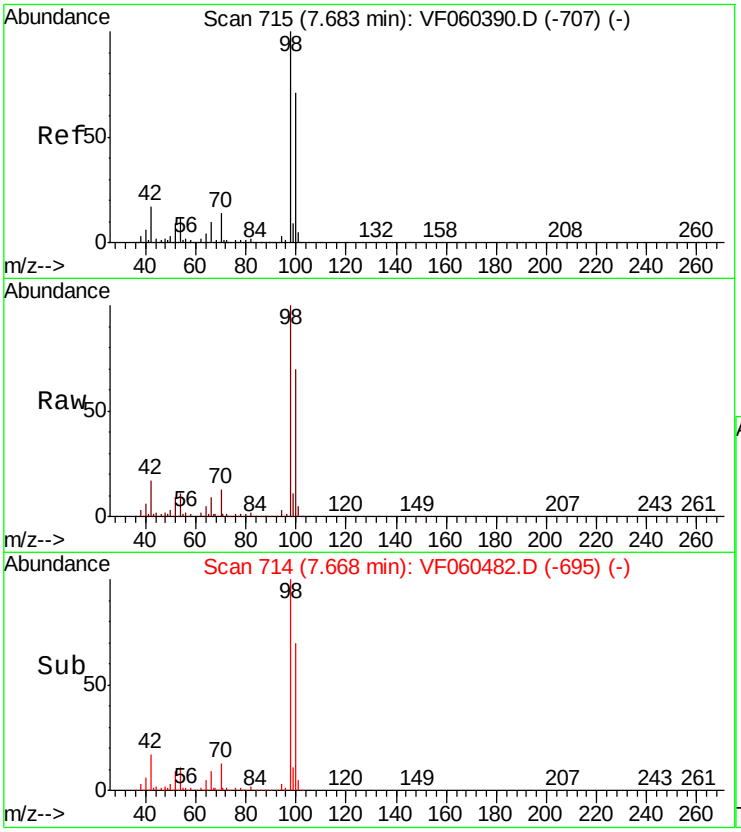


#35
Dibromofluoromethane
Concen: 41.878 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion:113 Resp: 182413

Ion	Ratio	Lower	Upper
113	100		
111	92.5	82.3	123.5
192	15.3	11.8	17.6



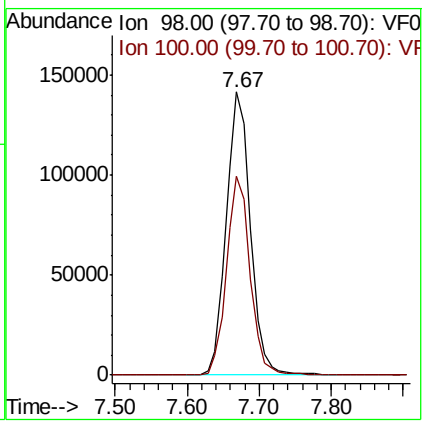


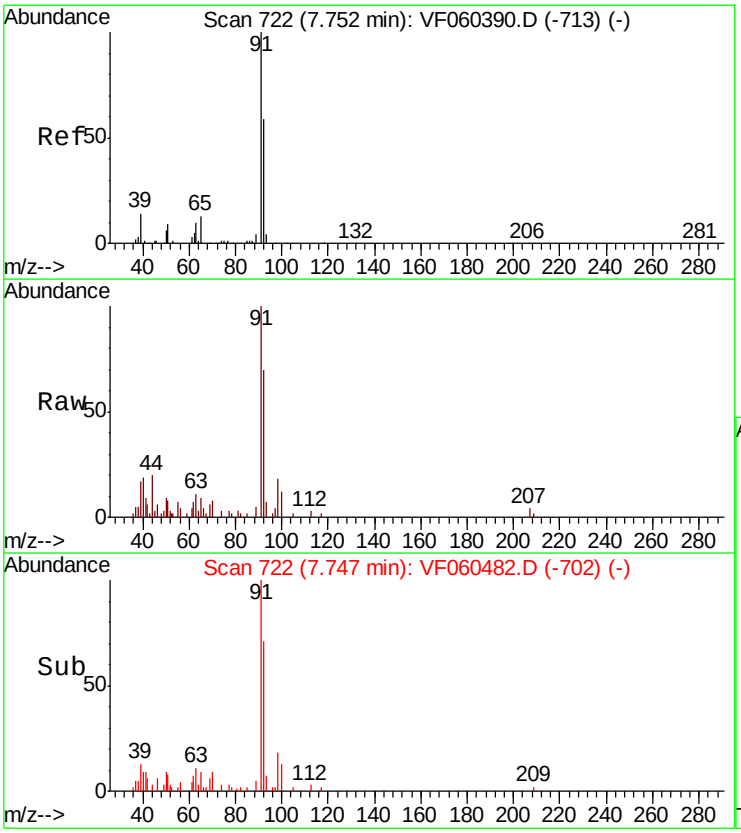
#50
Toluene-d8
Concen: 30.829 ug/l
RT: 7.67 min Scan# 714
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion: 98 Resp: 330720

Ion	Ratio	Lower	Upper
98	100		
100	70.3	56.5	84.7

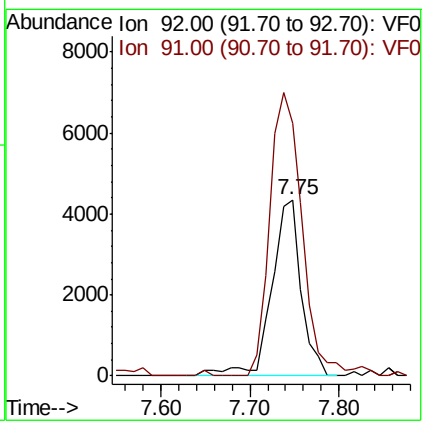


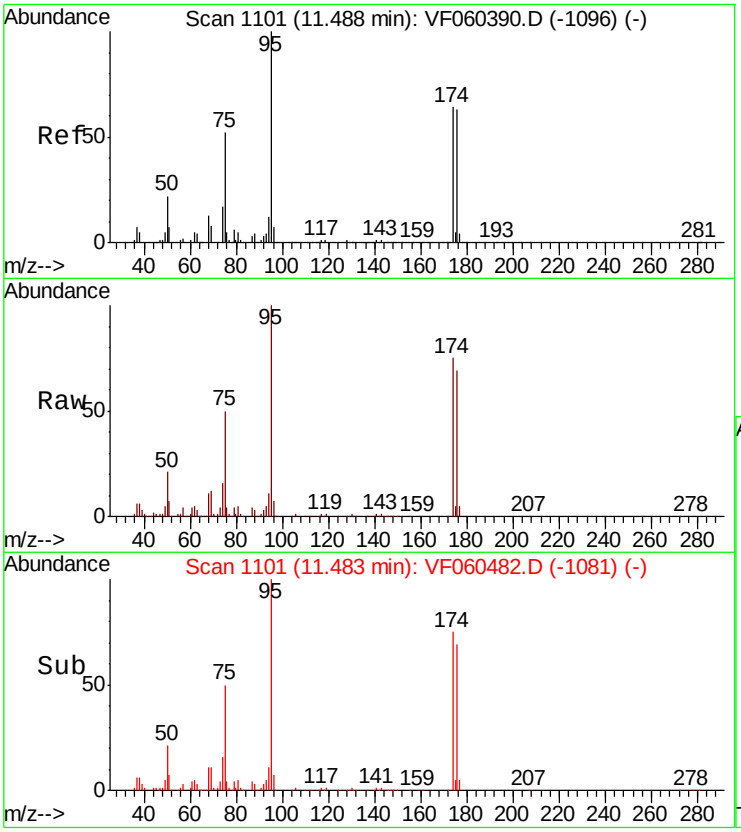


#52
Toluene
Concen: 1.303 ug/l
RT: 7.75 min Scan# 722
Delta R.T. -0.00 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion: 92 Resp: 10047

Ion	Ratio	Lower	Upper
92	100		
91	143.6	135.4	203.0



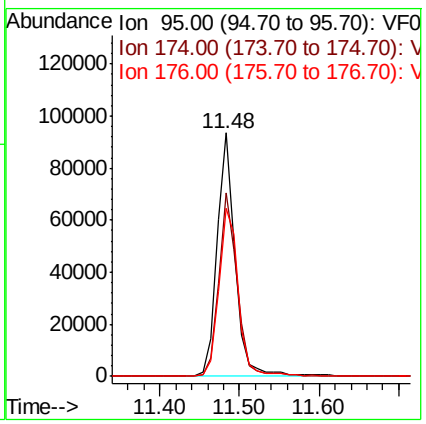


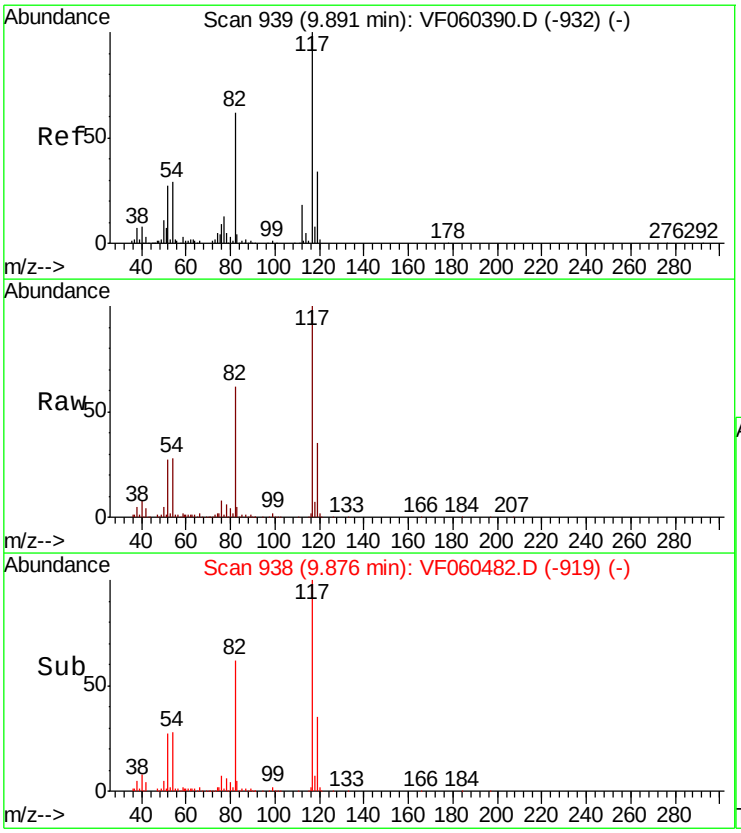
#62
4-Bromofluorobenzene
Concen: 30.624 ug/l
RT: 11.48 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion: 95 Resp: 150001

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	129.0
176	69.3	0.0	125.6

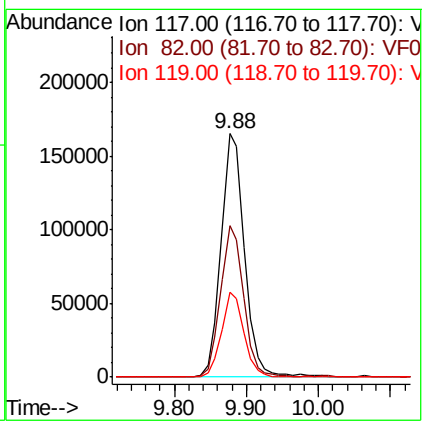


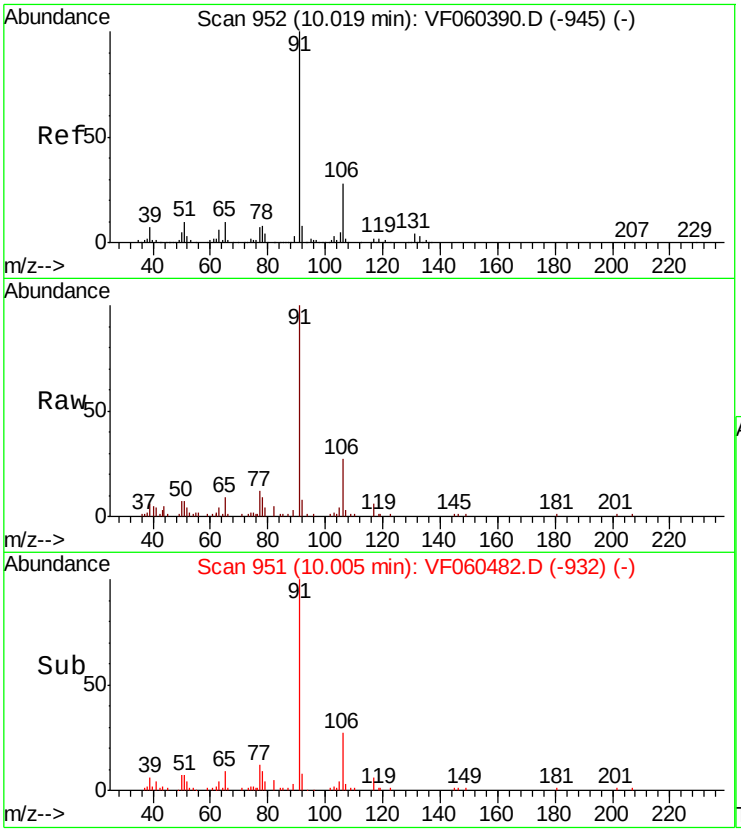


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion:117 Resp: 372583

Ion	Ratio	Lower	Upper
117	100		
82	62.4	49.5	74.3
119	34.7	27.0	40.6



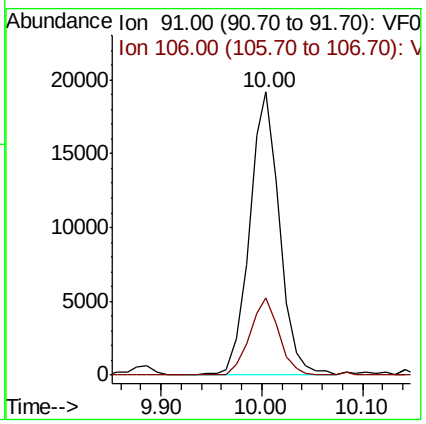


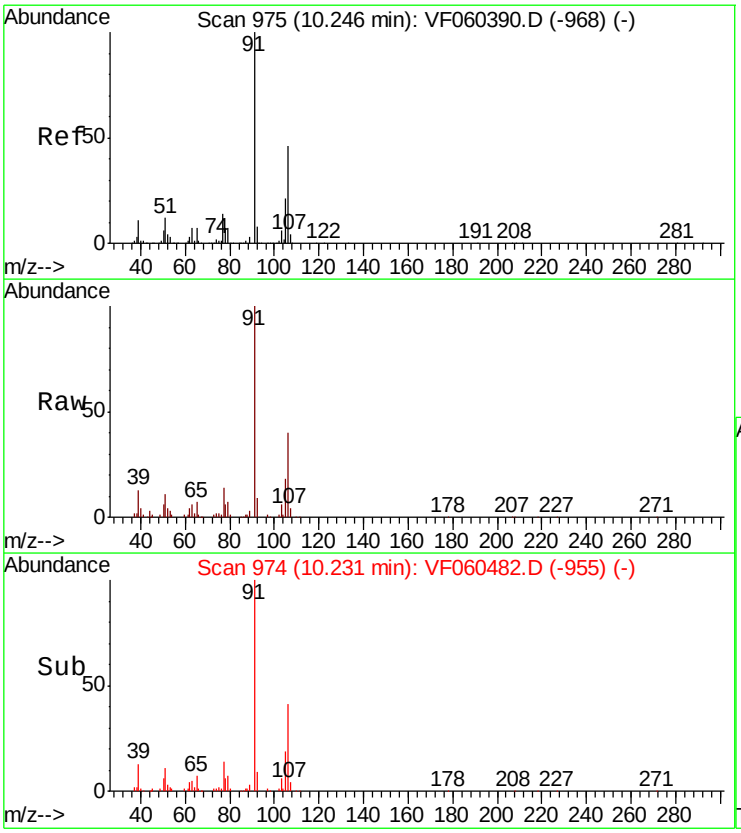
#67
Ethyl Benzene
Concen: 2.720 ug/l
RT: 10.00 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion: 91 Resp: 39576

Ion	Ratio	Lower	Upper
91	100		
106	27.3	22.5	33.7

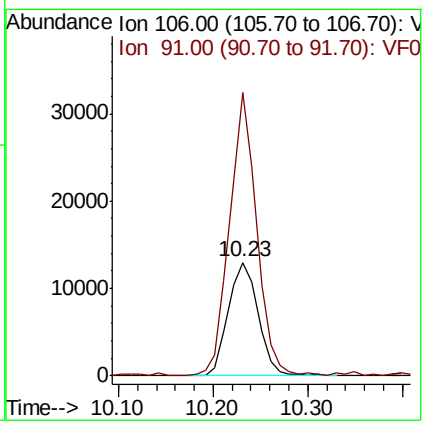


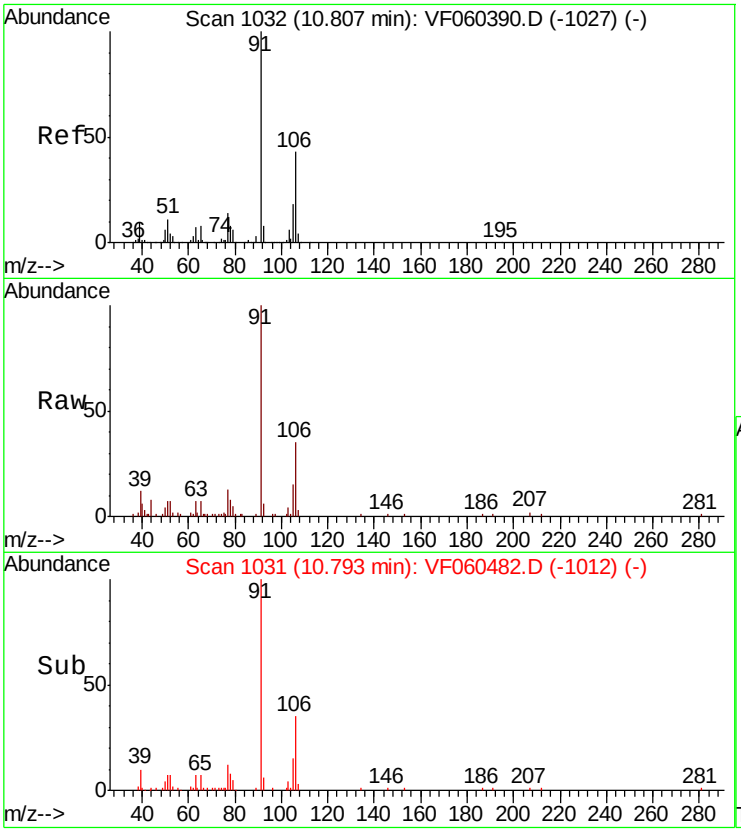


#68
m/p-Xylenes
Concen: 5.698 ug/l
RT: 10.23 min Scan# 974
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion:106 Resp: 28504

Ion	Ratio	Lower	Upper
106	100		
91	249.0	175.0	262.6



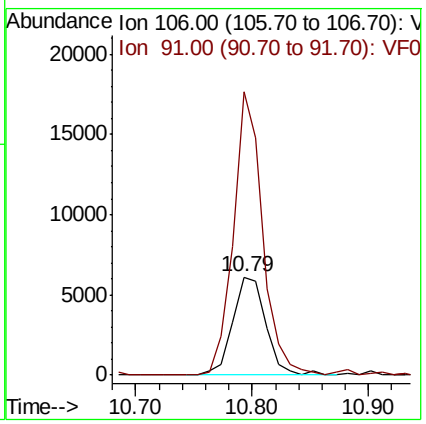


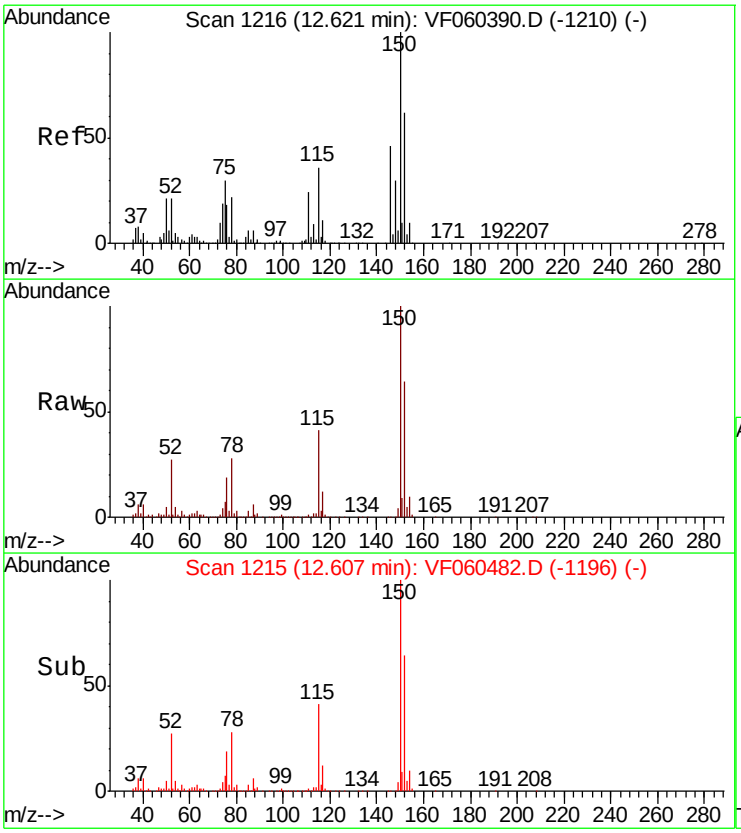
#69
o-Xylene
Concen: 2.195 ug/l
RT: 10.79 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion:106 Resp: 11971

Ion	Ratio	Lower	Upper
106	100		
91	289.3	115.1	345.2

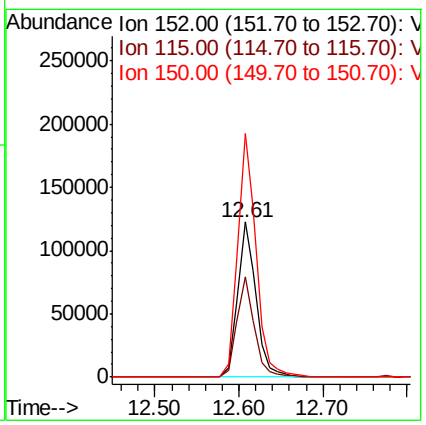


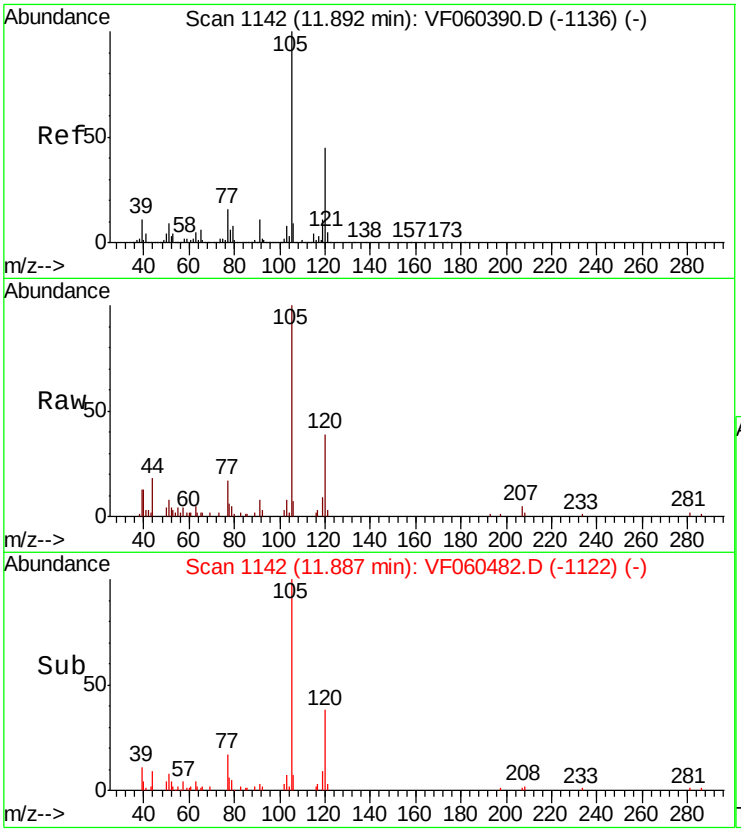


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion:152 Resp: 185348

Ion	Ratio	Lower	Upper
152	100		
115	65.0	28.6	85.8
150	157.1	0.0	324.6



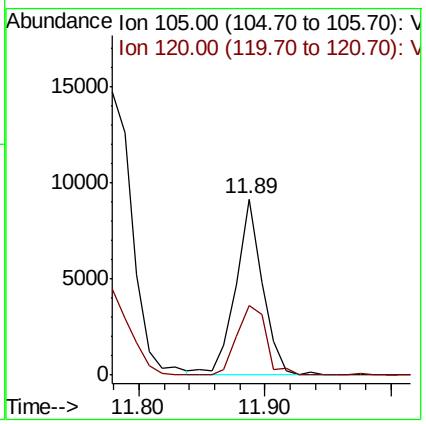


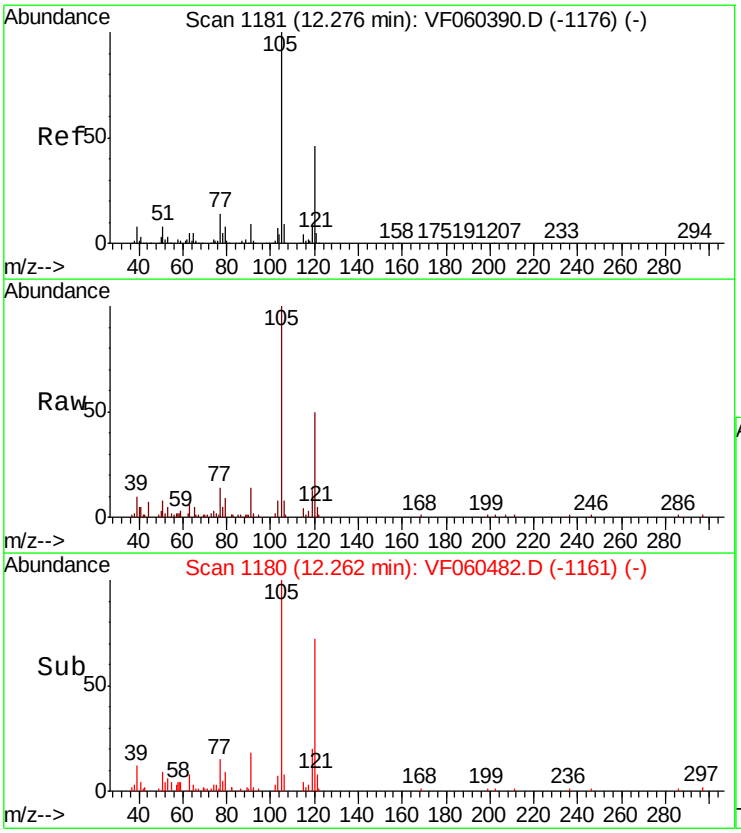
#80
1,3,5-Trimethylbenzene
Concen: 1.090 ug/l
RT: 11.89 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Instrument :
MSVOA_F
ClientSampleId :
B-6(2.5-3)RE

Tgt Ion:105 Resp: 13517

Ion	Ratio	Lower	Upper
105	100		
120	39.3	22.3	66.9





#84
1,2,4-Trimethylbenzene
Concen: 2.260 ug/l
RT: 12.26 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VF060482.D
Acq: 8 Oct 2018 14:08

Tgt Ion:105 Resp: 27787

Ion	Ratio	Lower	Upper
105	100		
120	50.5	23.1	69.2