Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112118\
Data File : VX006126.D
Acq On : 21 Nov 2018 16:33
Operator : JC/MD
Sample : J5981-02ME
Misc : 4.66g/10ml/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
MMDadoda
11/30/2018 1:16:26 PM

Quant Time: Nov 30 11:58:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	353958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	529123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	492289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	214931	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
35) Dibromofluoromethane	5.51	113	165659	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.54%			
50) Toluene-d8	8.71	98	649979	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.34%			
62) 4-Bromofluorobenzene	11.14	95	241364	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
Target Compounds						Qvalue
40) Benzene	6.13	78	547366	38.596	ug/l	98
52) Toluene	8.79	92	213267	24.312	ug/l	100
67) Ethyl Benzene	10.26	91	1051446	63.594	ug/l	98
68) m/p-Xylenes	10.36	106	573081	89.013	ug/l	99
69) o-Xylene	10.70	106	273635	44.495	ug/l	99
70) Styrene	10.71	104	112742m	11.244	ug/l	
73) Isopropylbenzene	11.02	105	44040	2.630	ug/l	99
78) n-propylbenzene	11.36	91	69329	3.555	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	351201	24.874	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	855389	59.392	ug/l	100
86) p-Isopropyltoluene	12.07	119	20920	1.392	ug/l #	76
95) Naphthalene	13.83	128	28202042m	1539.516	ug/l	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112118\
Data File : VX006126.D
Acq On : 21 Nov 2018 16:33
Operator : JC/MD
Sample : J5981-02ME
Misc : 4.66g/10ml/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 30 11:58:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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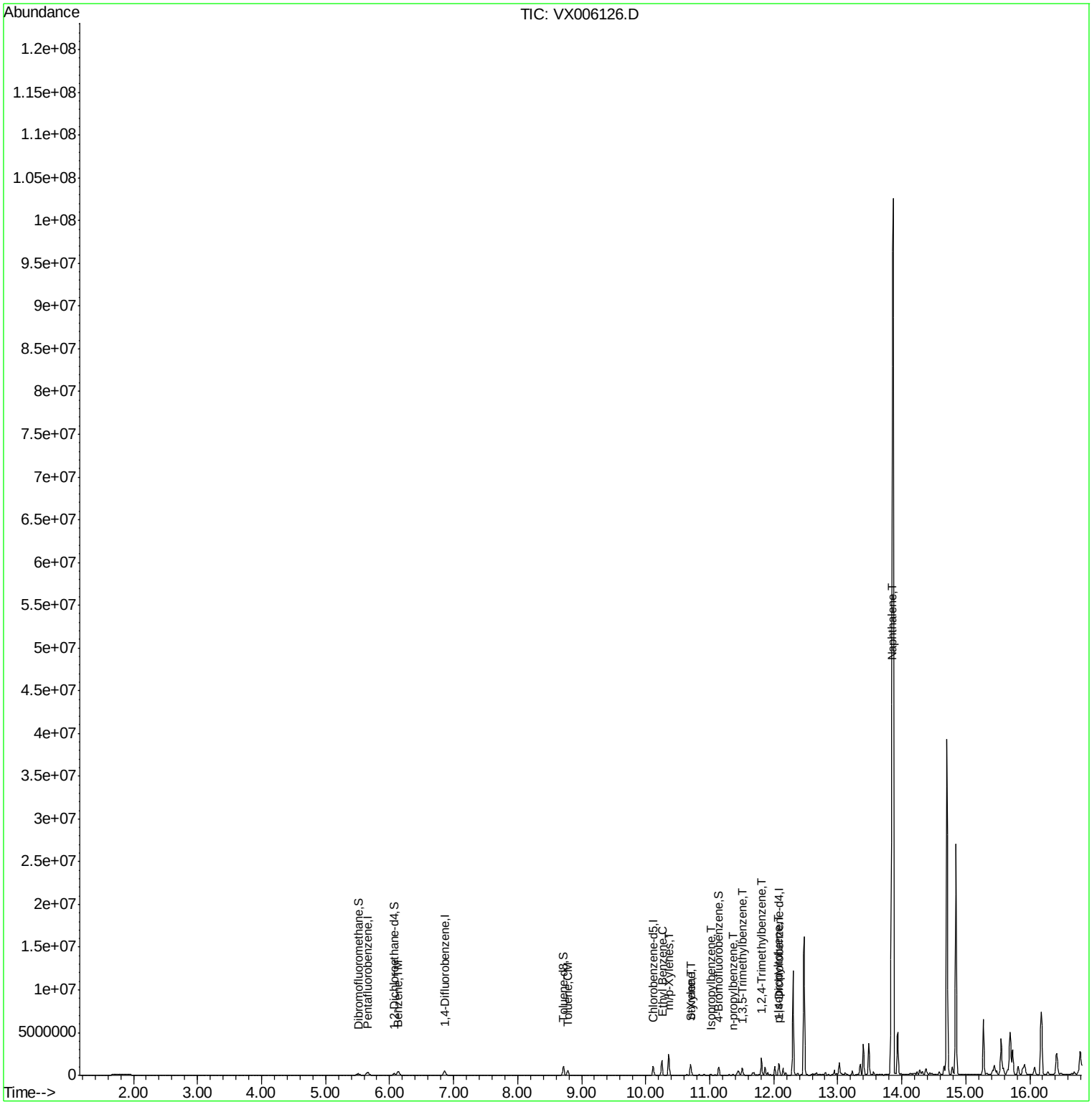
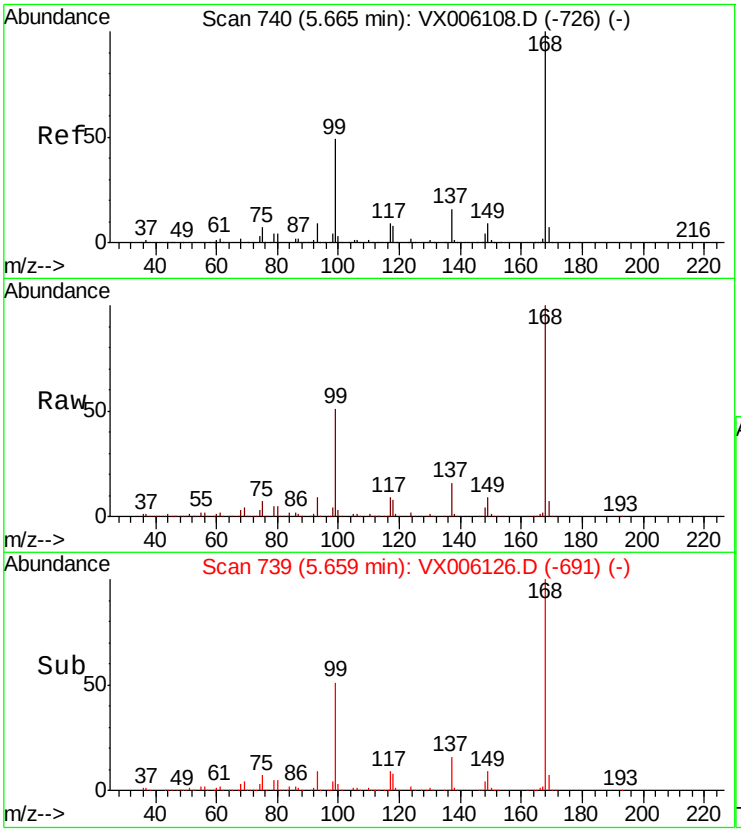
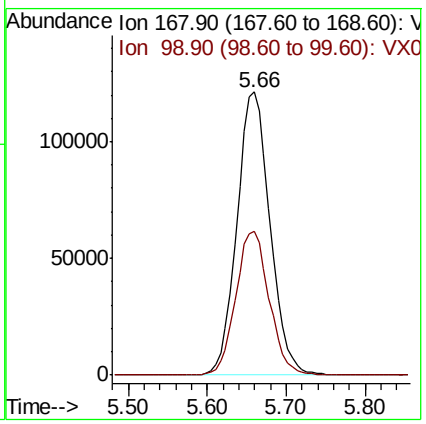




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:168 Resp: 353958

Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.2	58.8



Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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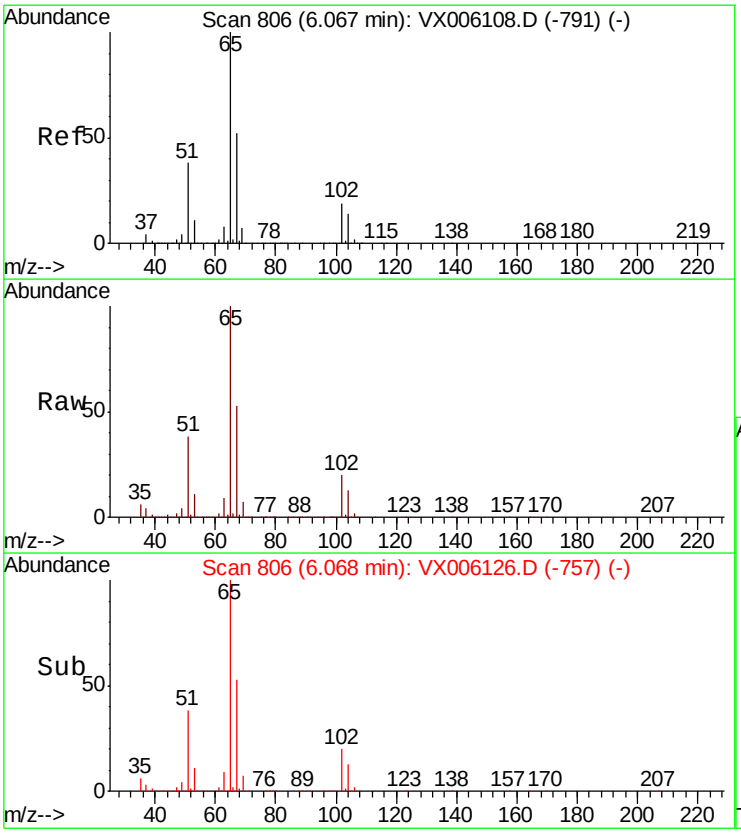
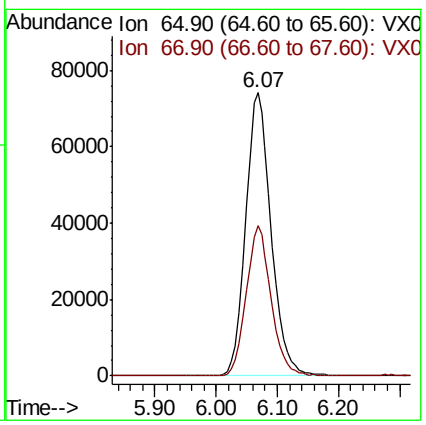
11/30/2018 1:16:26 PM

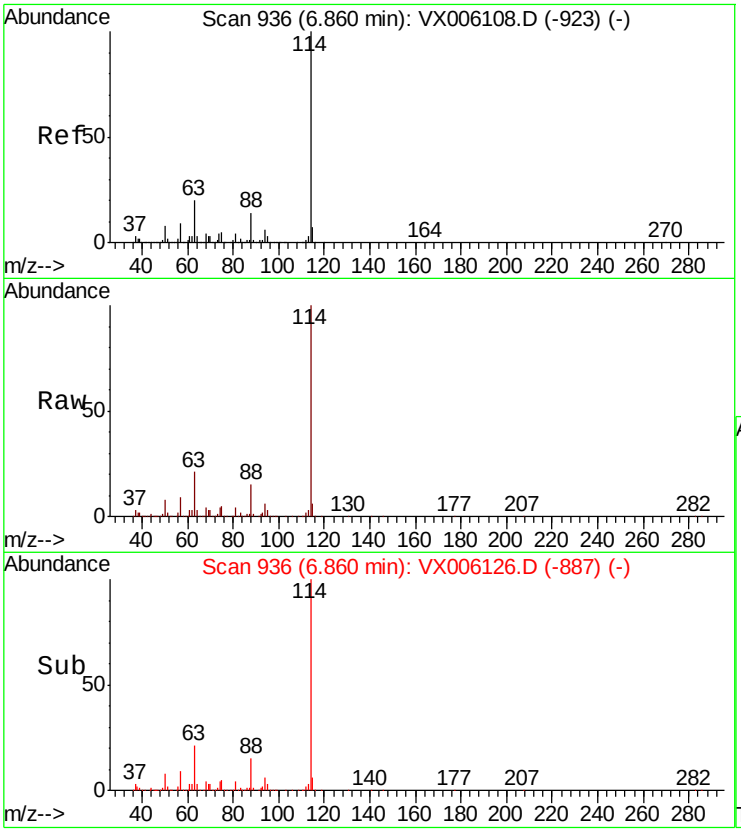


#33
1,2-Dichloroethane-d4
Concen: 52.403 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 65 Resp: 214931

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.8

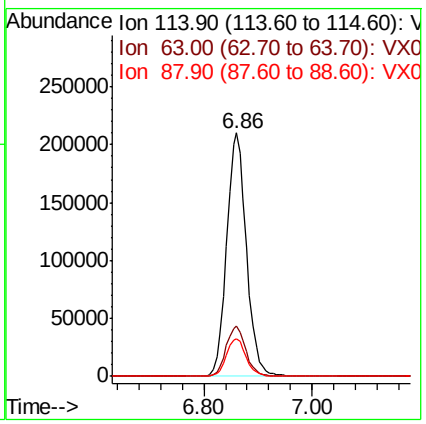




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:114 Resp: 529123

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	15.3	0.0	28.6



Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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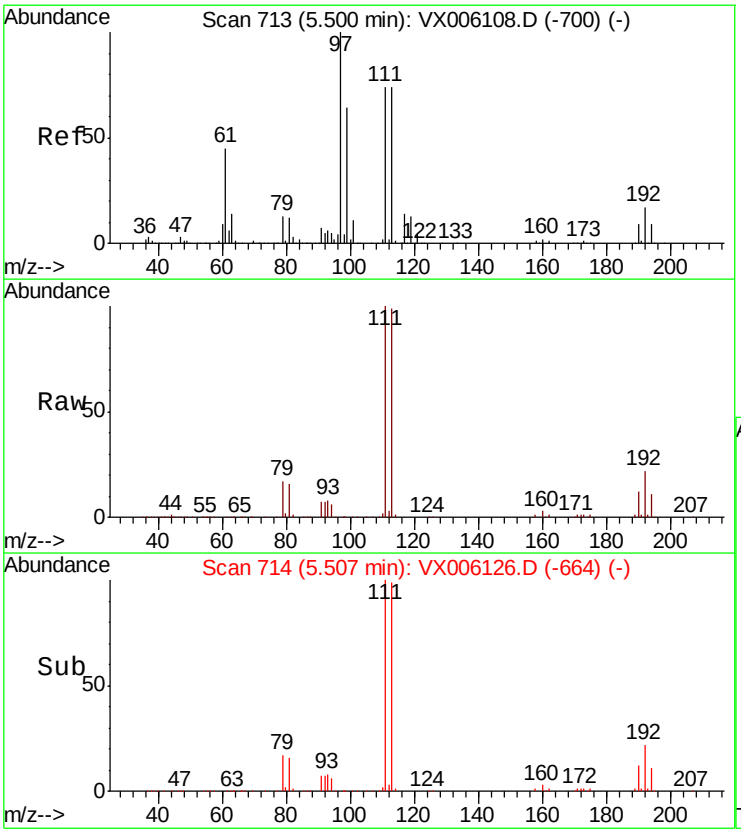
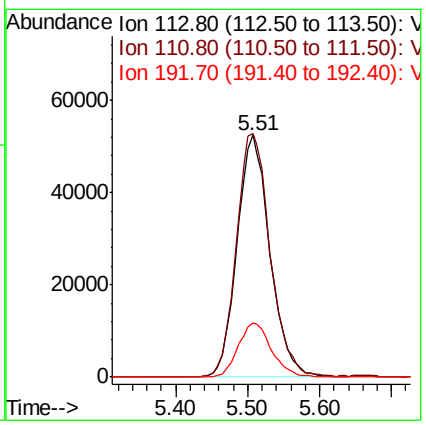
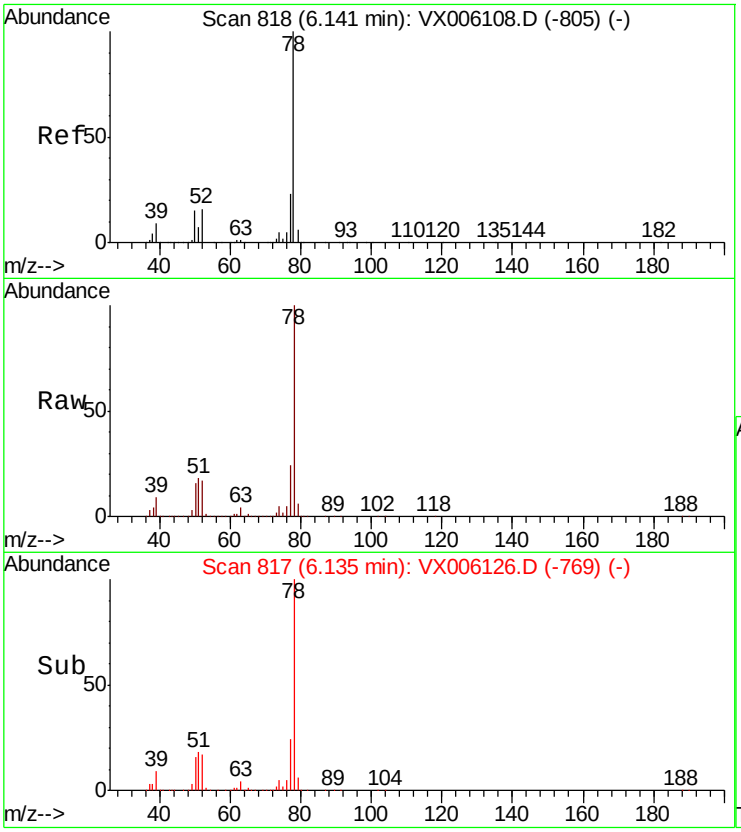


#35
Dibromofluoromethane
Concen: 48.773 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:113 Resp: 165659

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	22.9	18.6	28.0

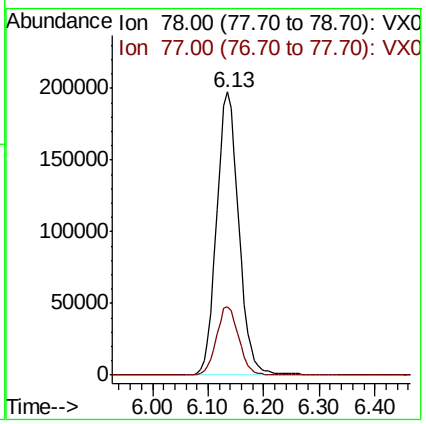




#40
Benzene
Concen: 38.596 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 78 Resp: 547366

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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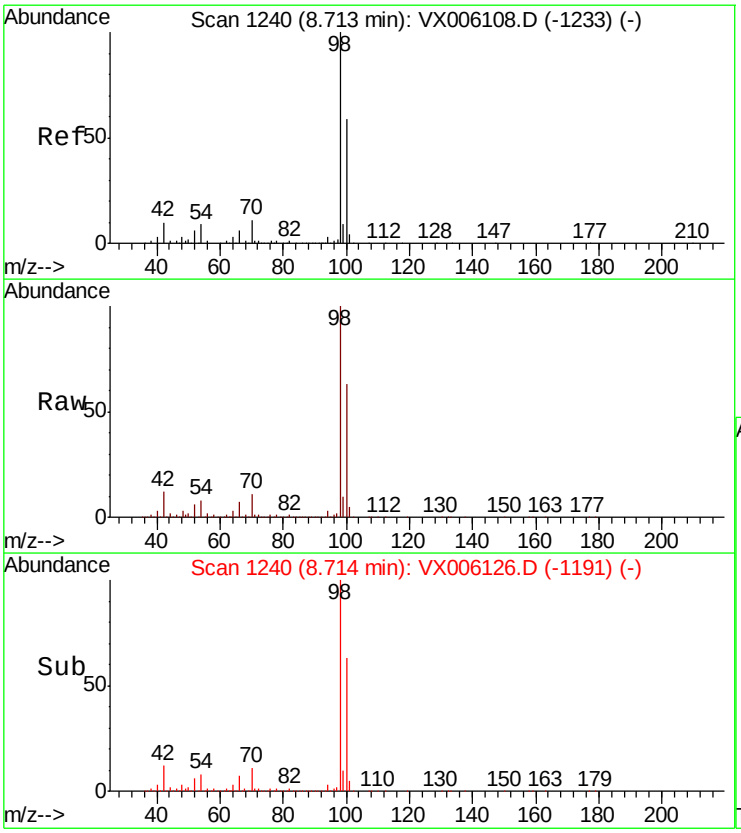
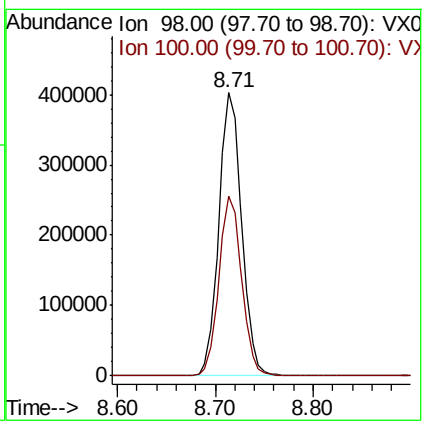
11/30/2018 1:16:26 PM

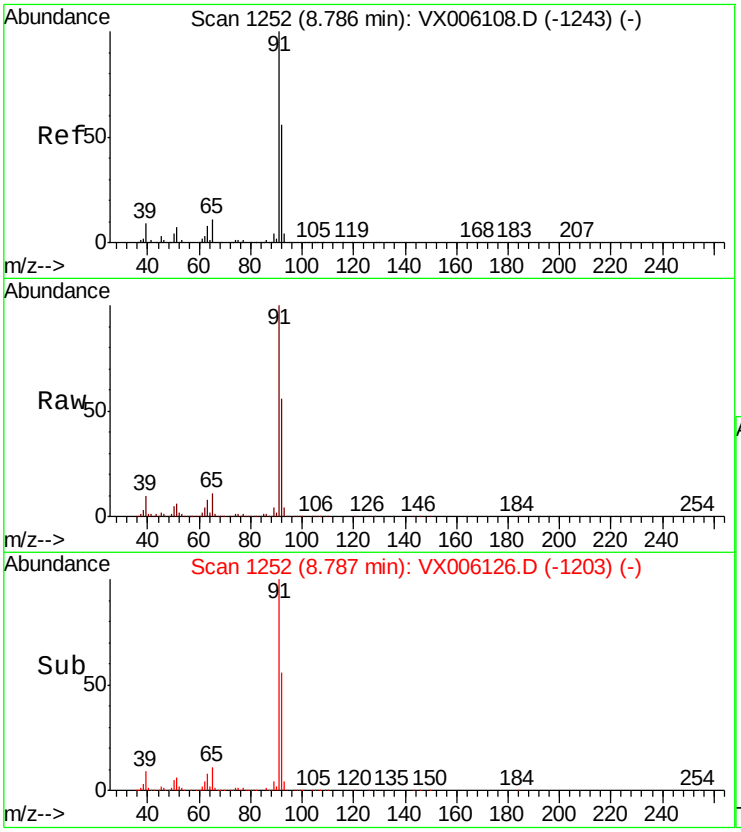


#50
Toluene-d8
Concen: 50.172 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 98 Resp: 649979

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.0	76.4

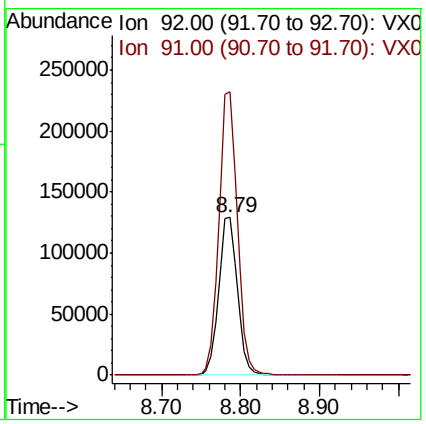




#52
Toluene
Concen: 24.312 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 92 Resp: 213267

Ion	Ratio	Lower	Upper
92	100		
91	178.2	142.5	213.7



Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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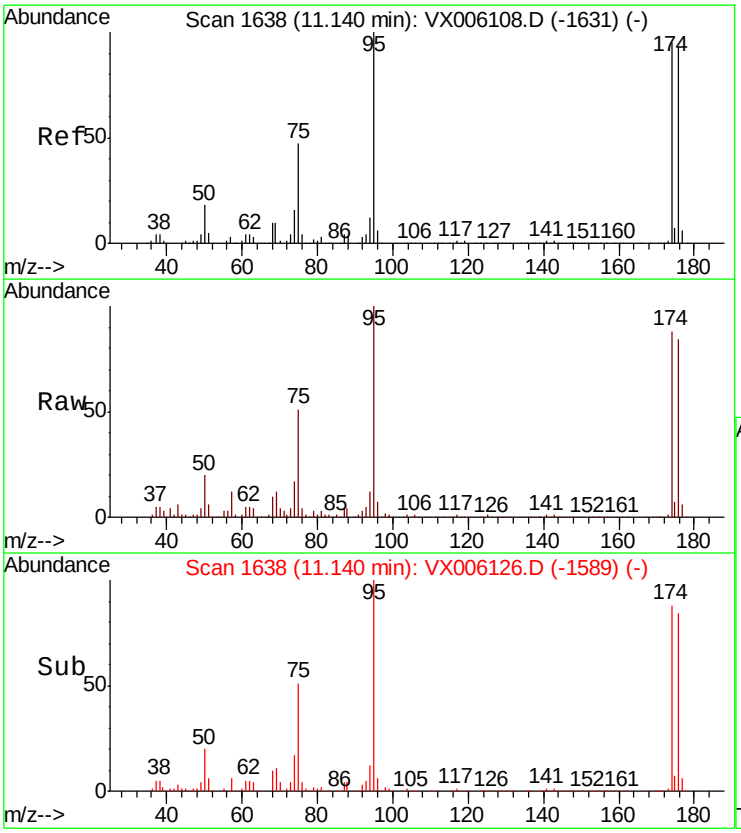
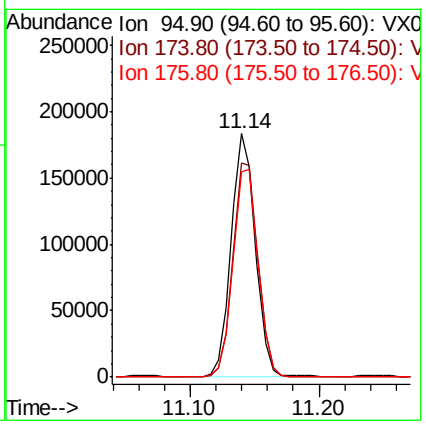
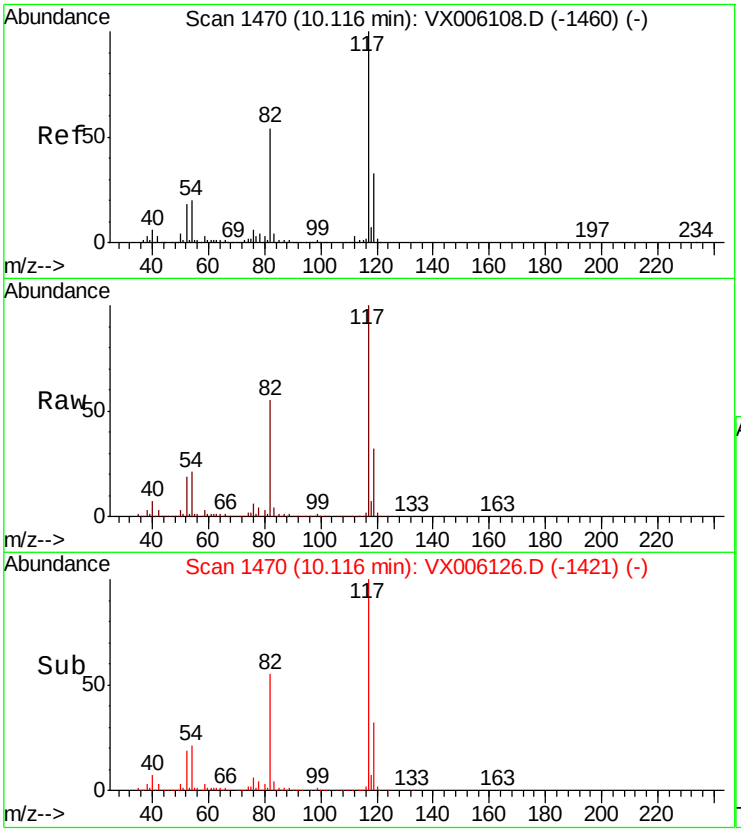


#62
4-Bromofluorobenzene
Concen: 49.656 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 95 Resp: 241364

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	184.4
176	88.4	0.0	179.0

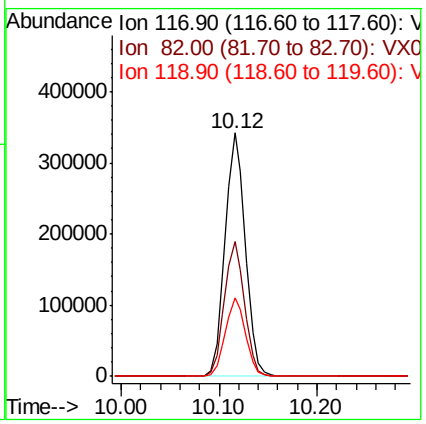




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:117 Resp: 492289

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	32.3	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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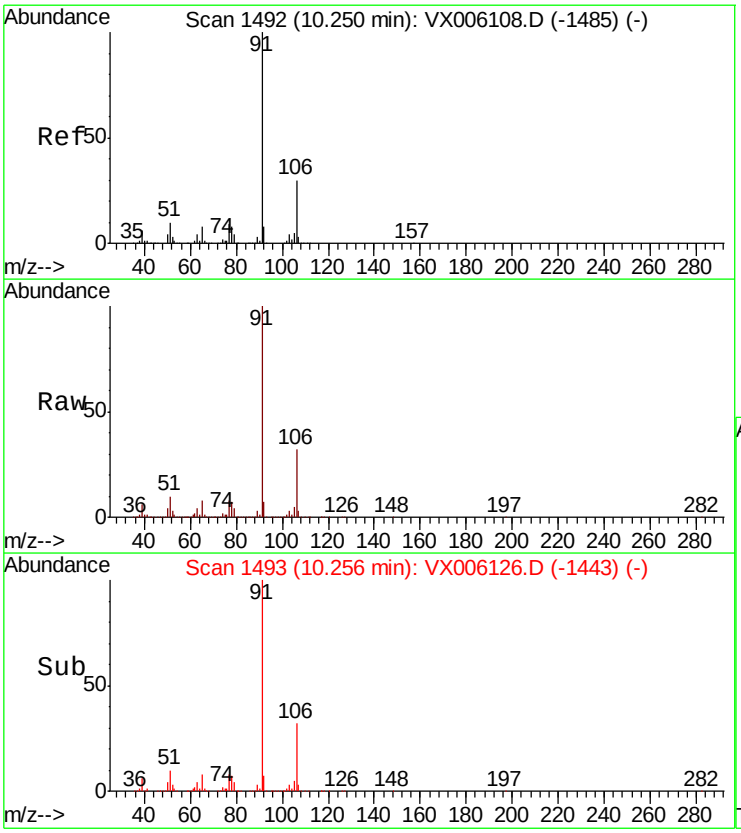
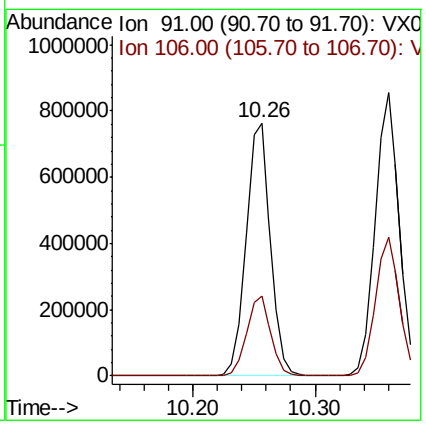
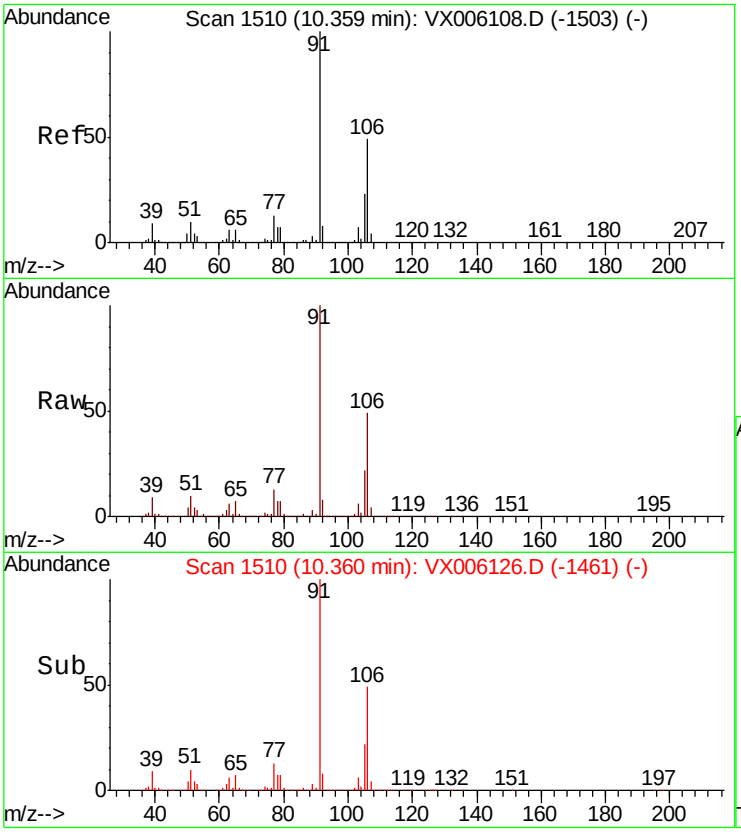


#67
Ethyl Benzene
Concen: 63.594 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 91 Resp: 1051446

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.4	36.6





#68
m/p-Xylenes
Concen: 89.013 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:106 Resp: 573081

Ion	Ratio	Lower	Upper
106	100		
91	203.7	162.0	243.0

Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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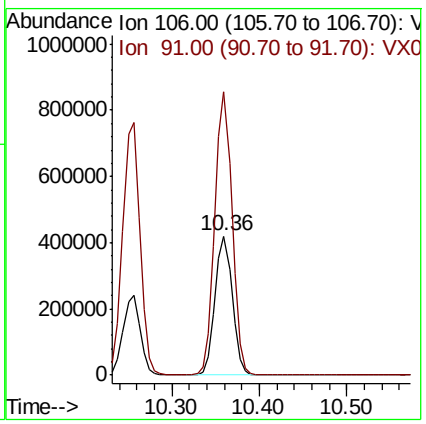
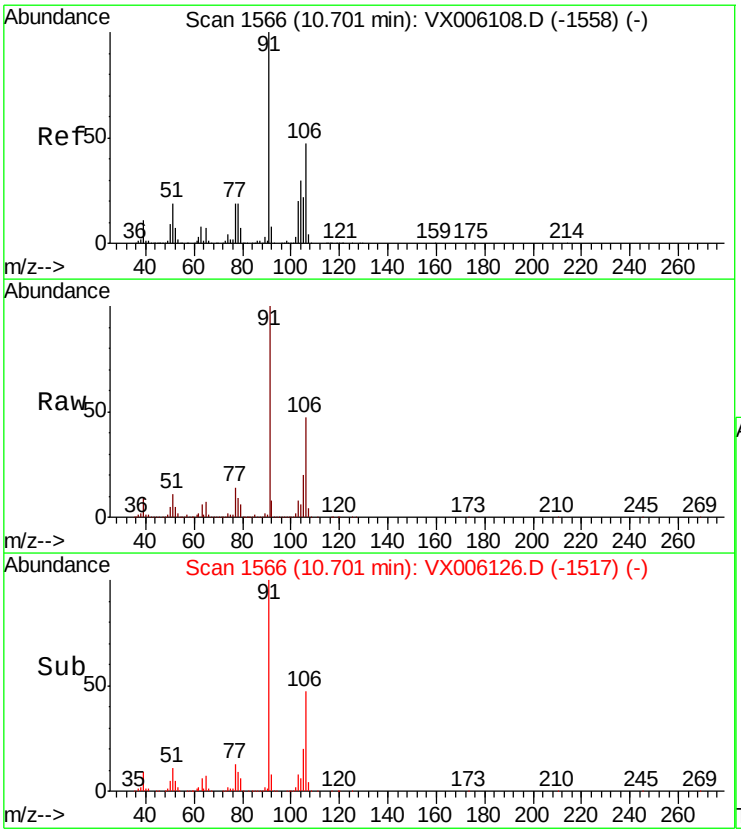
11/30/2018 1:16:26 PM

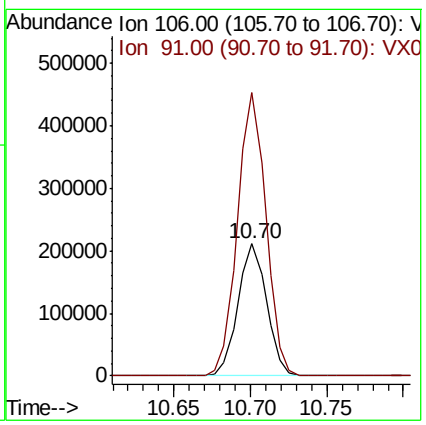


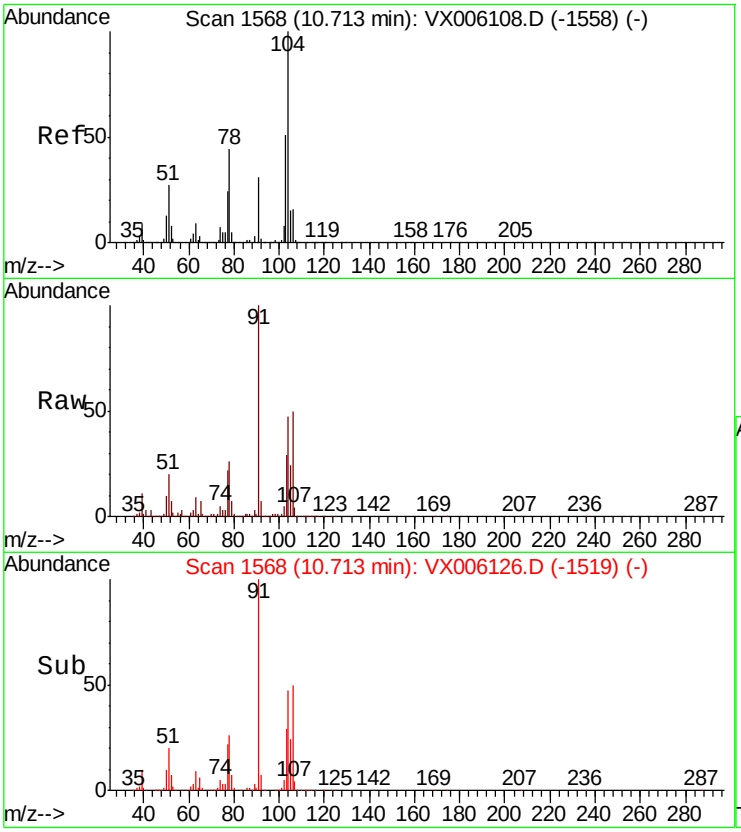


#69
o-Xylene
Concen: 44.495 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:106 Resp: 273635

Ion	Ratio	Lower	Upper
106	100		
91	213.9	107.4	322.2





#70
Stvrene
Concen: 11.244 ug/l m
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:104 Resp: 112742

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.4	59.2#
103	0.0	44.6	67.0#

Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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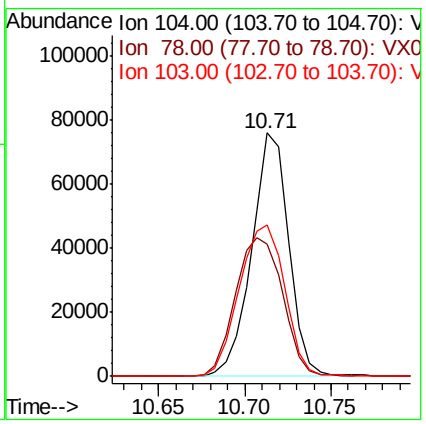
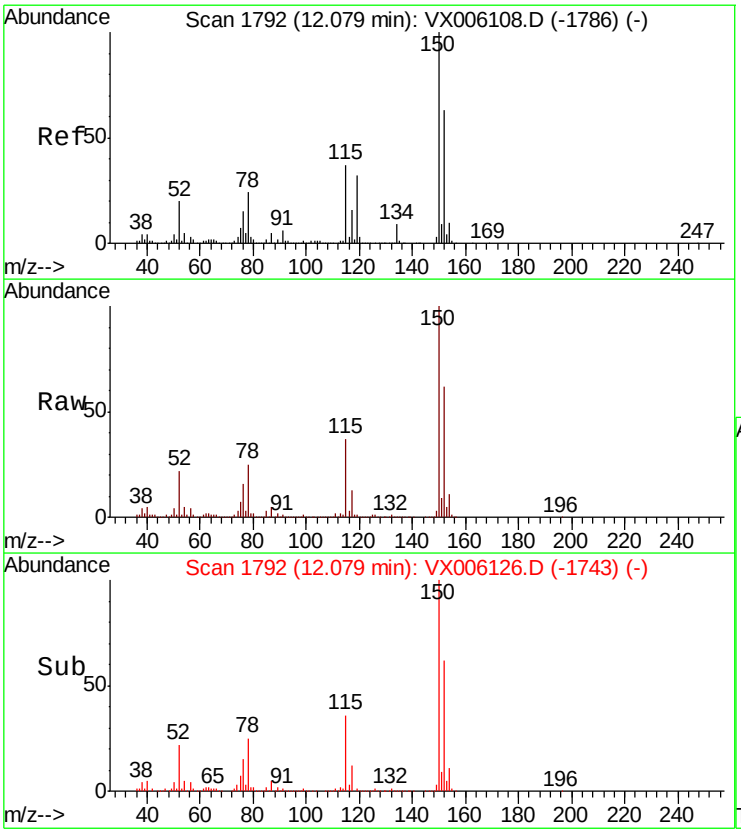
11/30/2018 1:16:26 PM

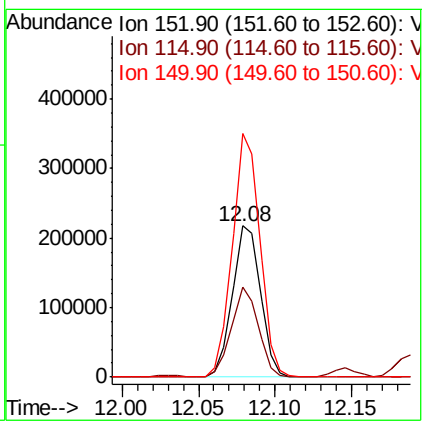


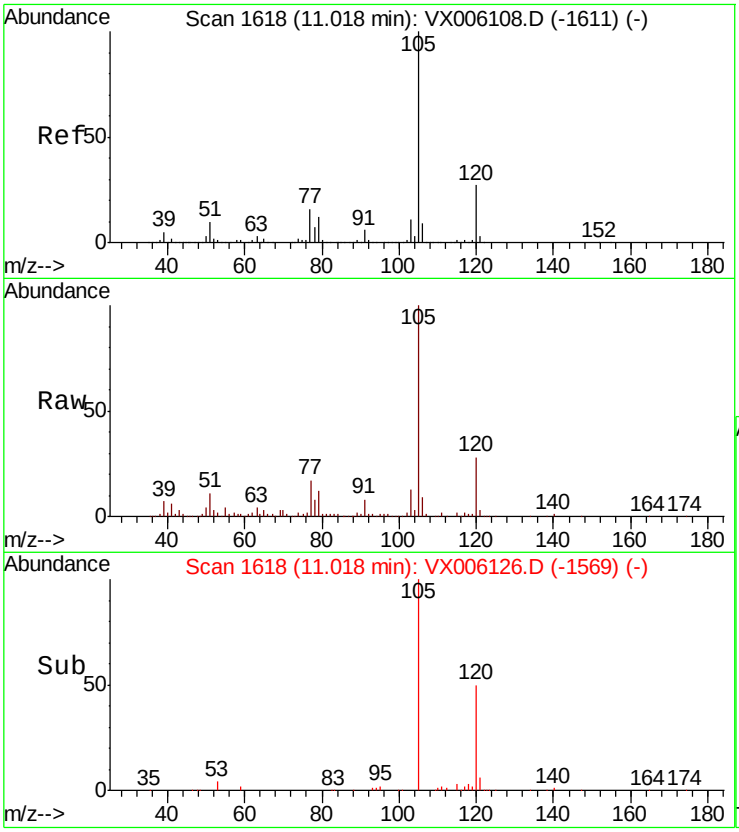


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:152 Resp: 276776

Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.0	116.9
150	157.6	0.0	346.6

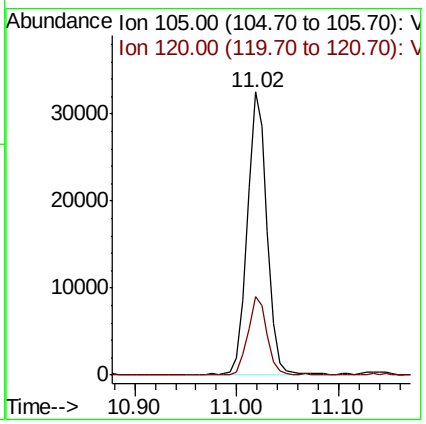




#73
Isopropylbenzene
Concen: 2.630 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:105 Resp: 44040

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.3	39.8



Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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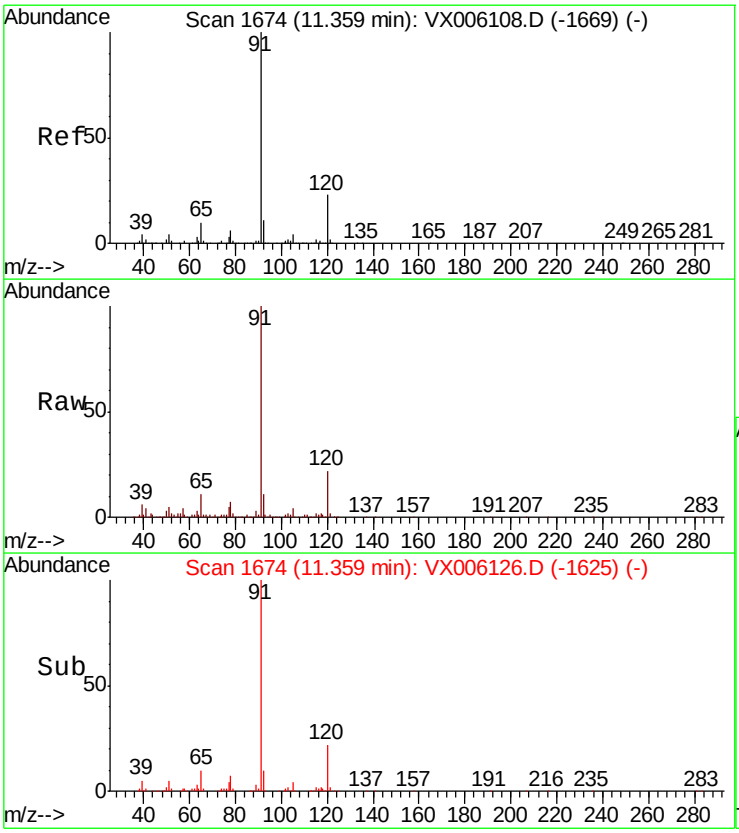
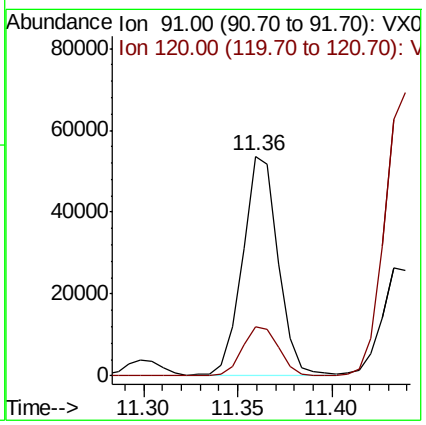
11/30/2018 1:16:26 PM

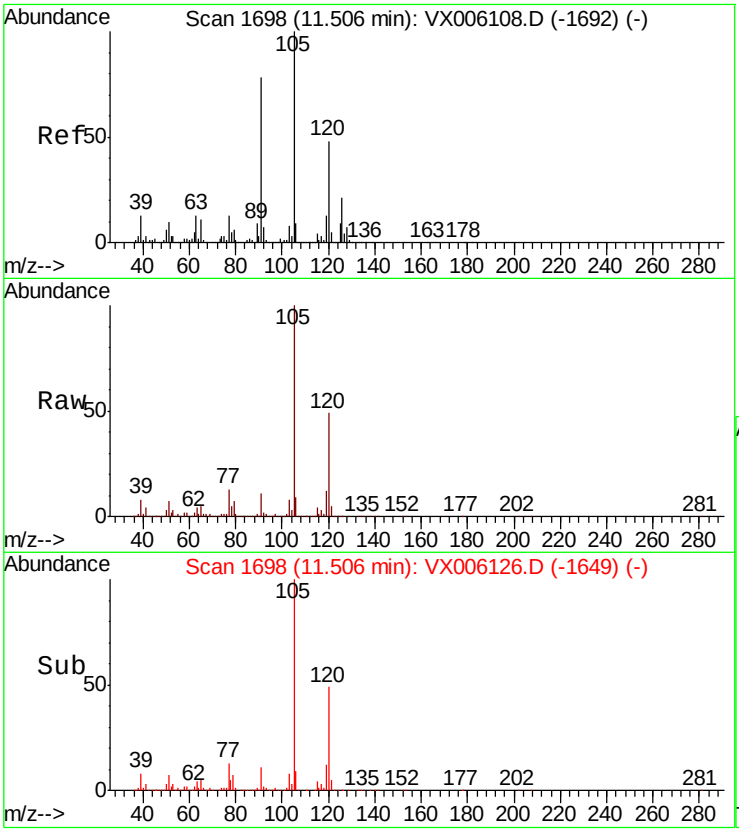


#78
n-propylbenzene
Concen: 3.555 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion: 91 Resp: 69329

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.3





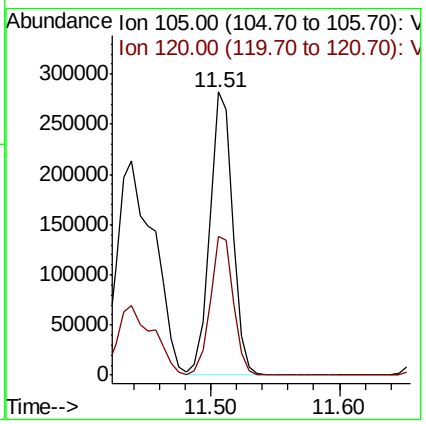
#80
1,3,5-Trimethylbenzene
Concen: 24.874 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

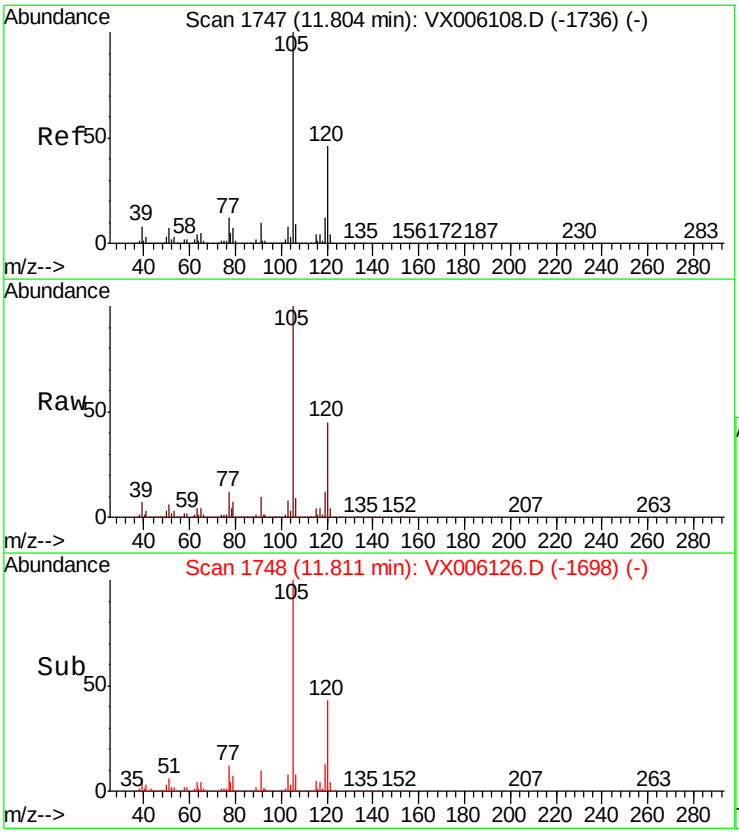
Tgt Ion:105 Resp: 351201

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.3	73.0

Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
MMDadoda
11/30/2018 1:16:26 PM

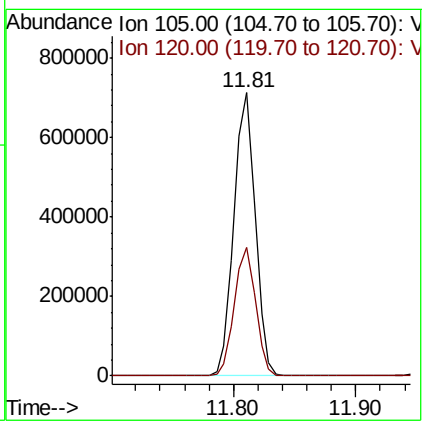


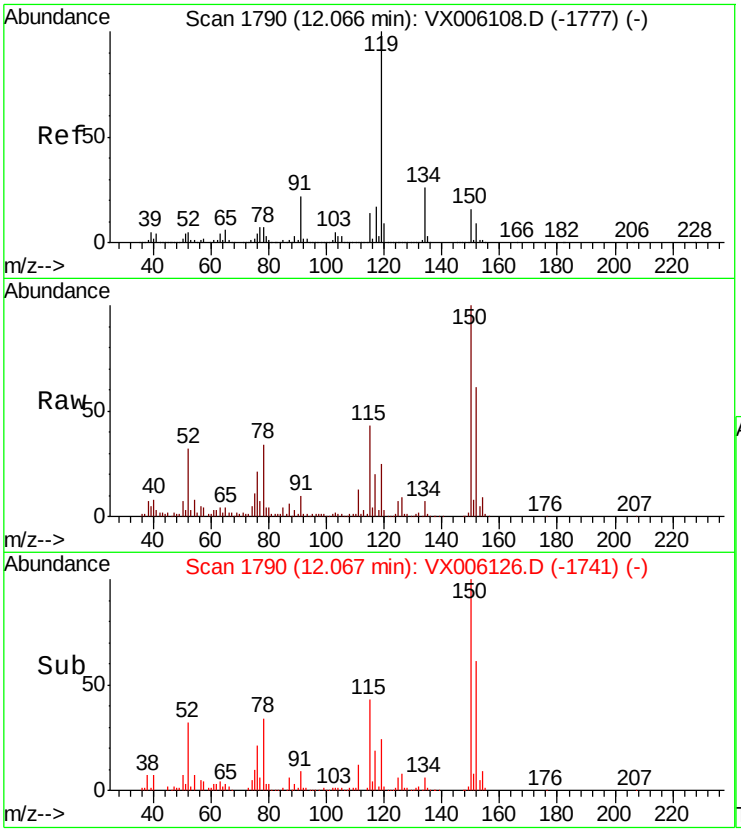


#84
1,2,4-Trimethylbenzene
Concen: 59.392 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:105 Resp: 855389

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.0





#86
p-Isopropyltoluene
Concen: 1.392 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:119 Resp: 20920

Ion	Ratio	Lower	Upper
119	100		
134	28.4	13.1	39.3
91	0.0	11.3	33.9#

Instrument :
MSVOA_X
ClientSampleId :
DTW-02(11-13)ME

Manual Integrations APPROVED
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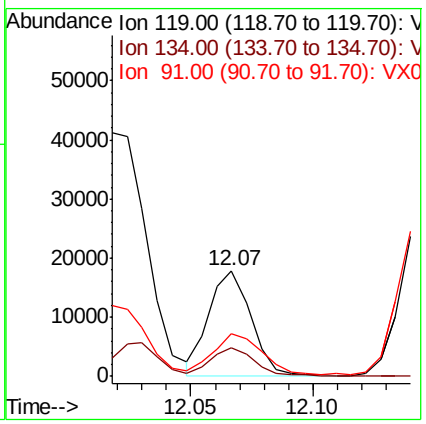
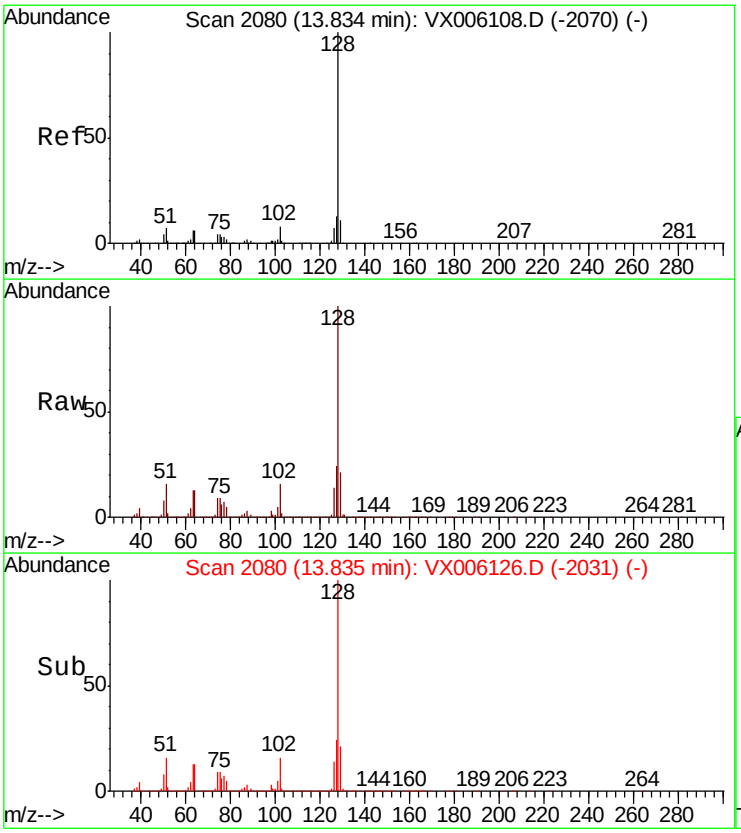
11/30/2018 1:16:26 PM





#95
Naphthalene
Concen: 1539.516 ug/l m
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006126.D
Acq: 21 Nov 2018 16:33

Tgt Ion:128 Resp:28202042

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.8	13.2#