Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006547.D
Acq On : 15 Dec 2018 06:34
Operator : JC/MD
Sample : J6398-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-01_121218

Quant Time: Dec 17 12:23:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	715120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1090538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	996082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	488609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	359624	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
35) Dibromofluoromethane	5.51	113	324816	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.00%			
50) Toluene-d8	8.71	98	1269986	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
62) 4-Bromofluorobenzene	11.13	95	469893	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.10%			
Target Compounds						Qvalue
30) Chloroform	5.21	83	16841	1.404	ug/l	98
52) Toluene	8.79	92	11573	0.640	ug/l	95
67) Ethyl Benzene	10.25	91	163313	4.644	ug/l	100
68) m/p-Xylenes	10.36	106	190013	13.488	ug/l	99
73) Isopropylbenzene	11.02	105	21484	0.637	ug/l	100
78) n-propylbenzene	11.36	91	17285	0.461	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	27782	0.990	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	89036	3.071	ug/l	100
95) Naphthalene	13.83	128	32430	0.864	ug/l #	95

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

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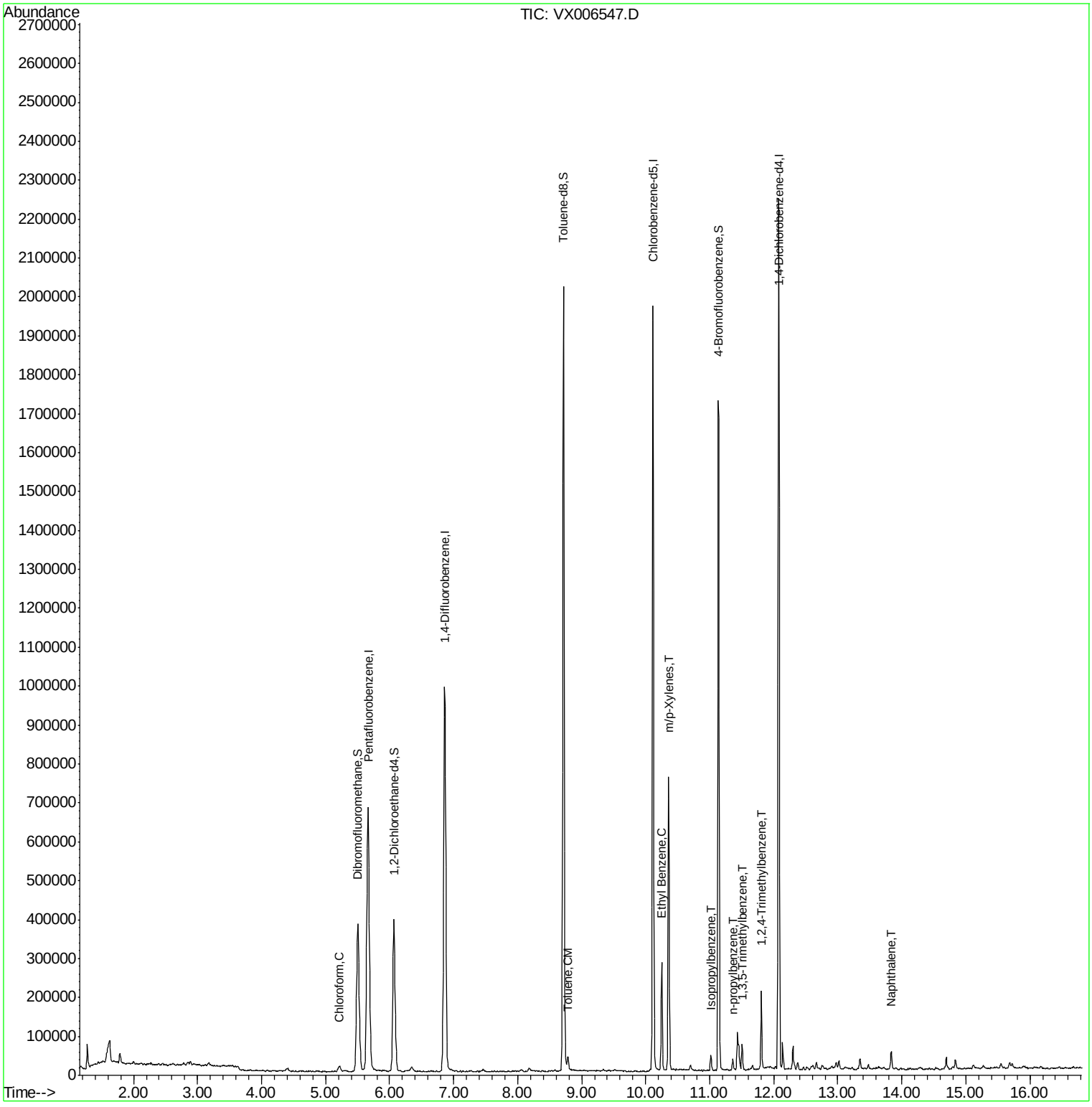
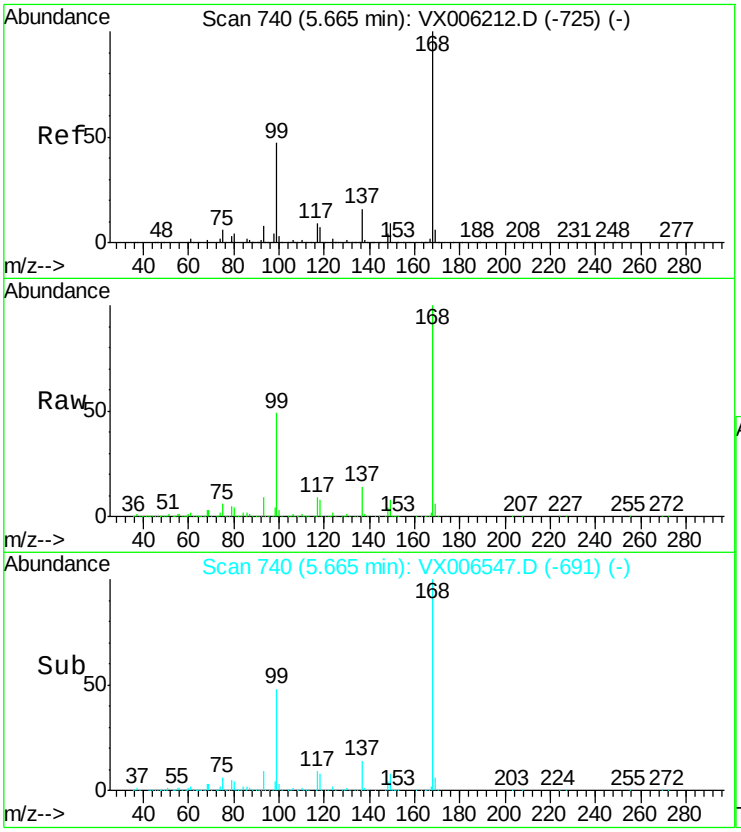


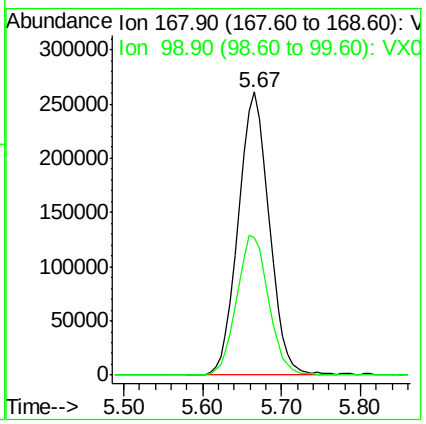


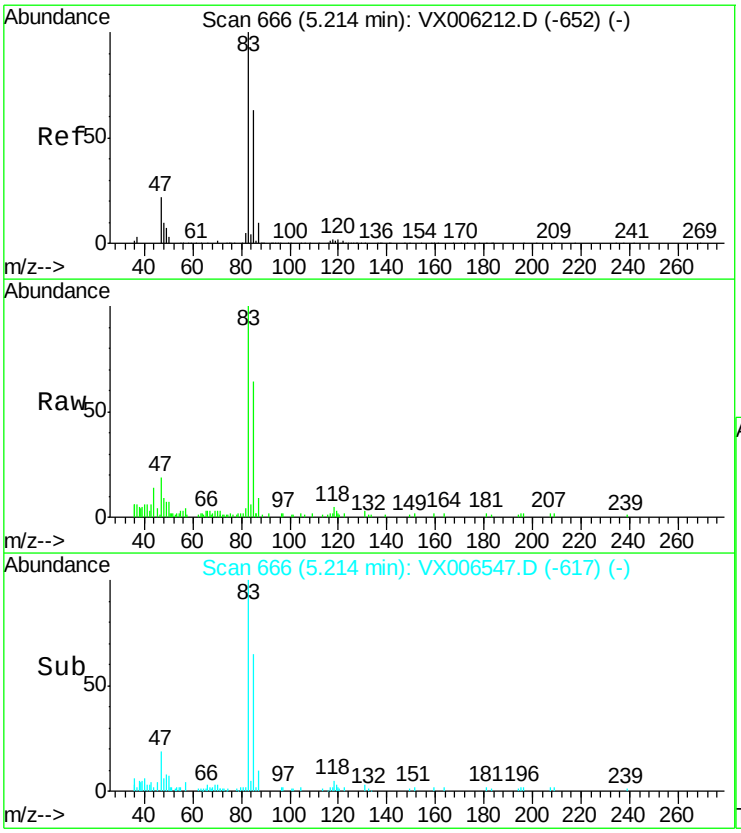
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion:168 Resp: 715120

Ion	Ratio	Lower	Upper
168	100		
99	48.5	37.8	56.8

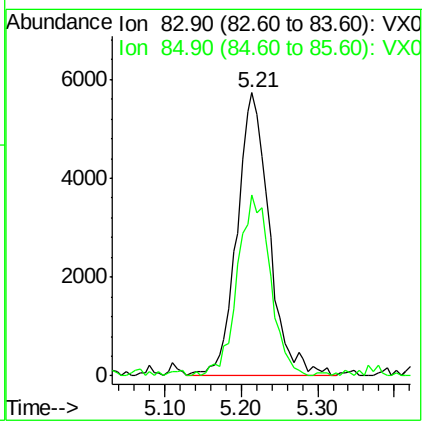


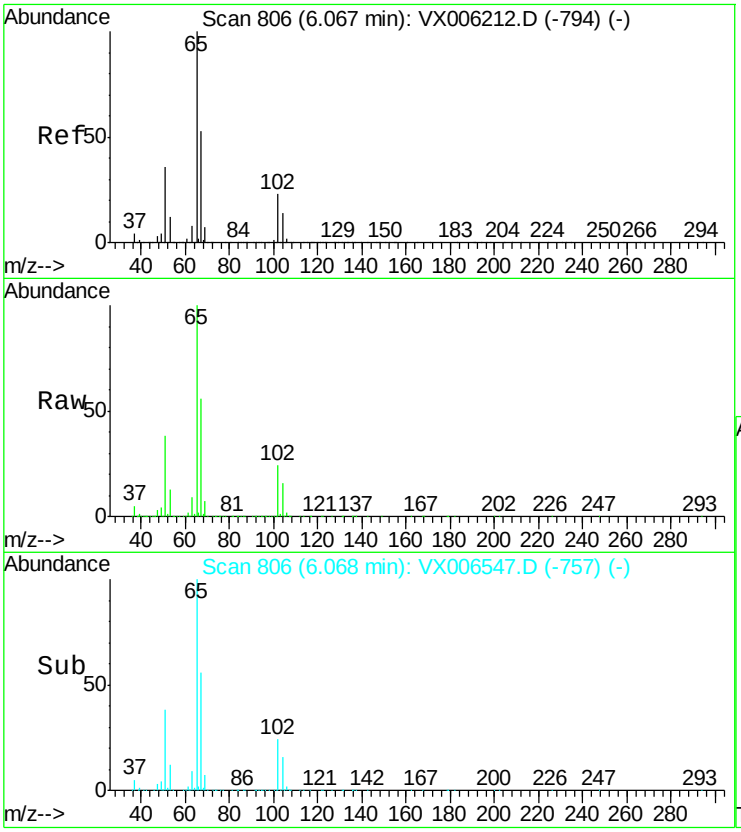


#30
Chloroform
Concen: 1.404 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion: 83 Resp: 16841

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5



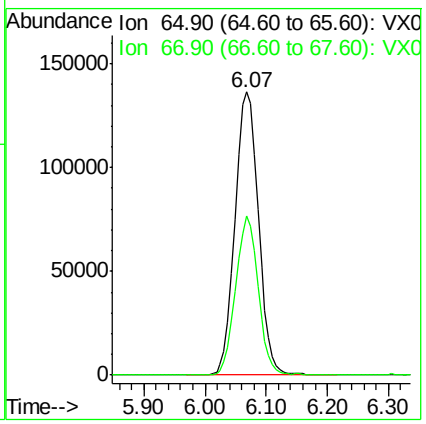


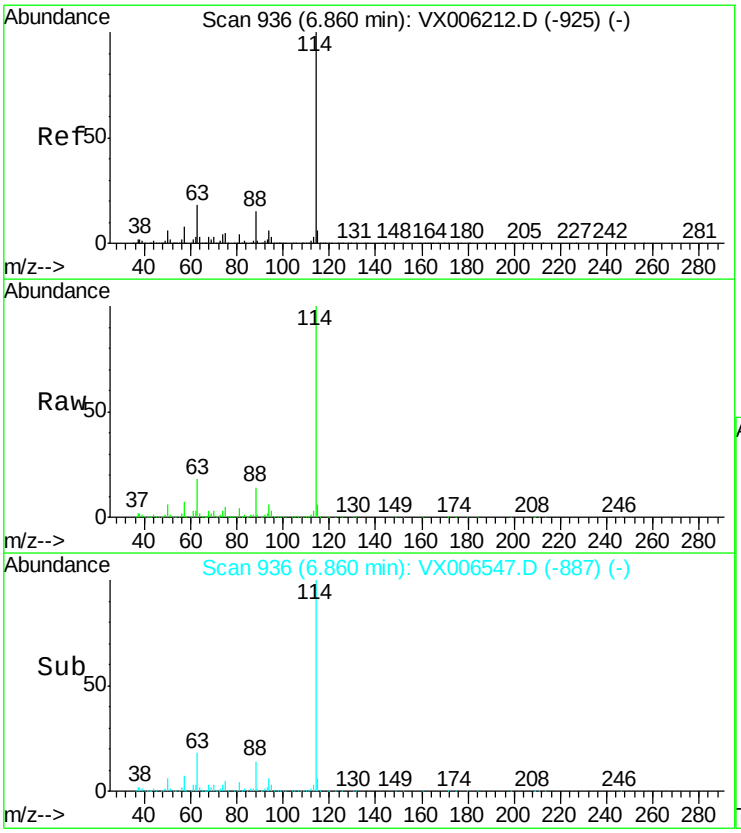
#33
1,2-Dichloroethane-d4
Concen: 49.262 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion: 65 Resp: 359624

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2

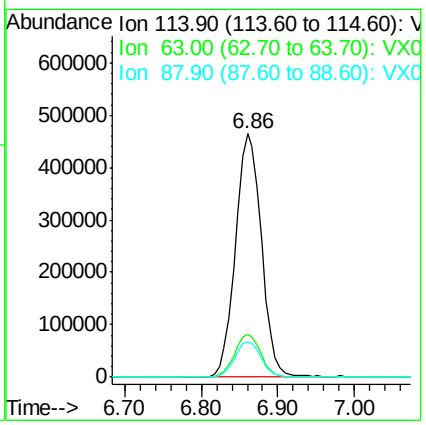


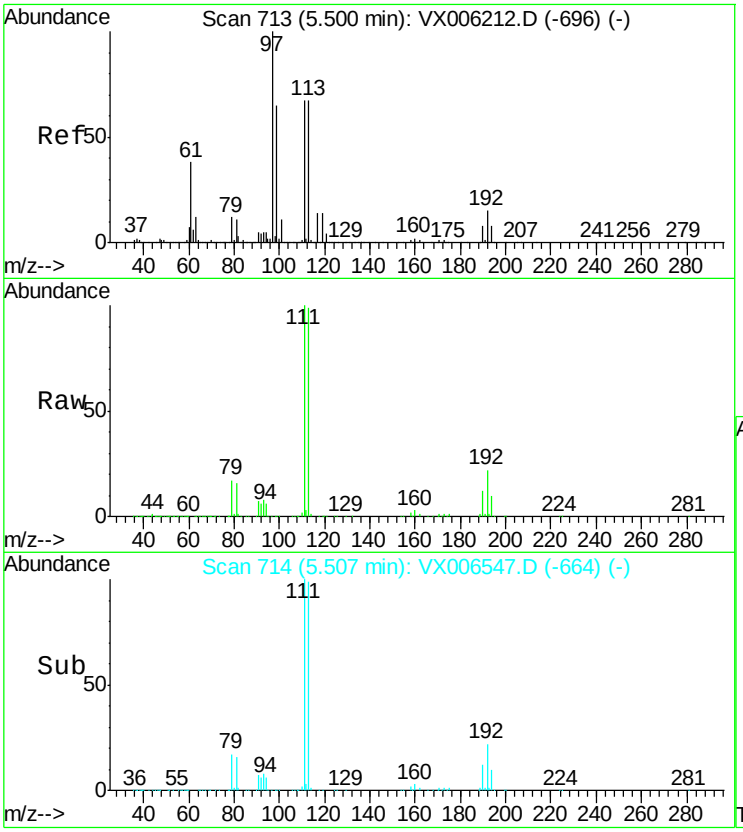


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion:114 Resp: 1090538

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	14.2	0.0	29.0



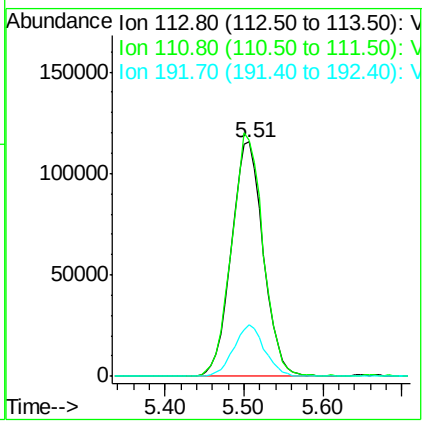


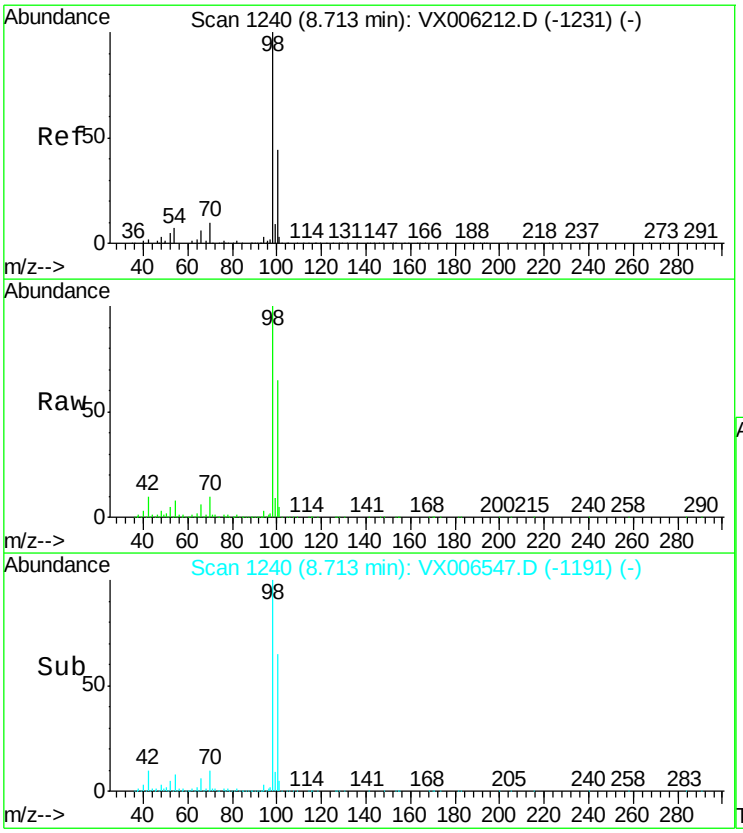
#35
Dibromofluoromethane
Concen: 46.003 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion:113 Resp: 324816

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	21.3	18.2	27.2

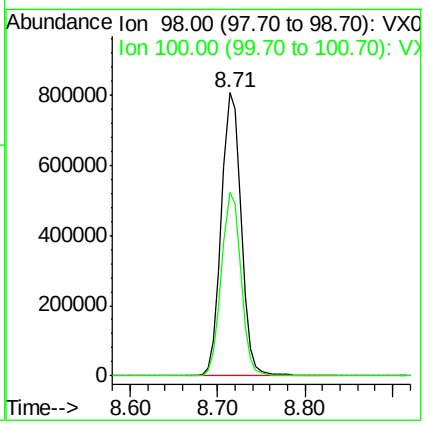


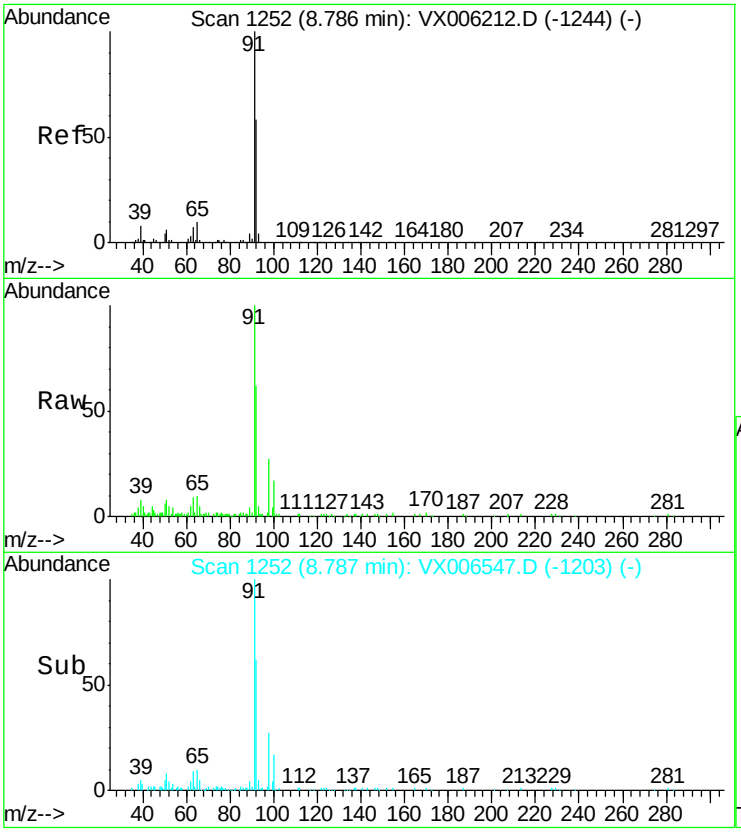


#50
Toluene-d8
Concen: 49.448 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion: 98 Resp: 1269986

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2



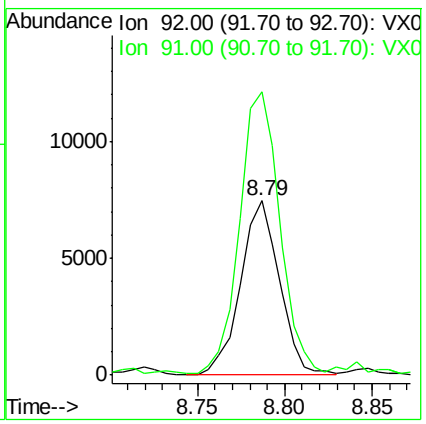


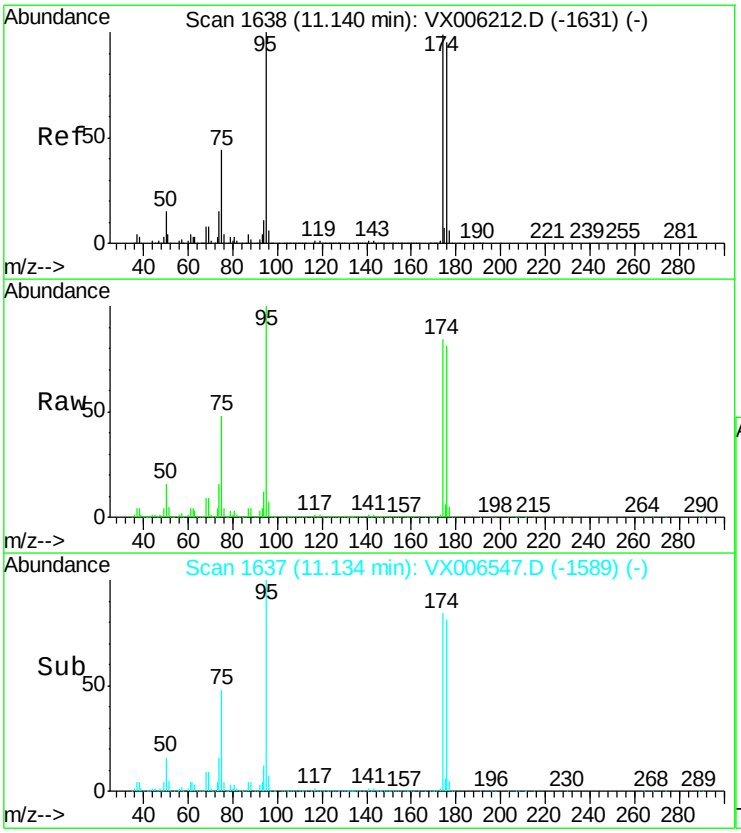
#52
Toluene
Concen: 0.640 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion: 92 Resp: 11573

Ion	Ratio	Lower	Upper
92	100		
91	166.6	139.2	208.8

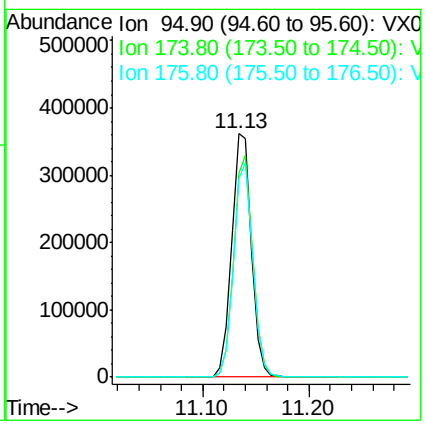


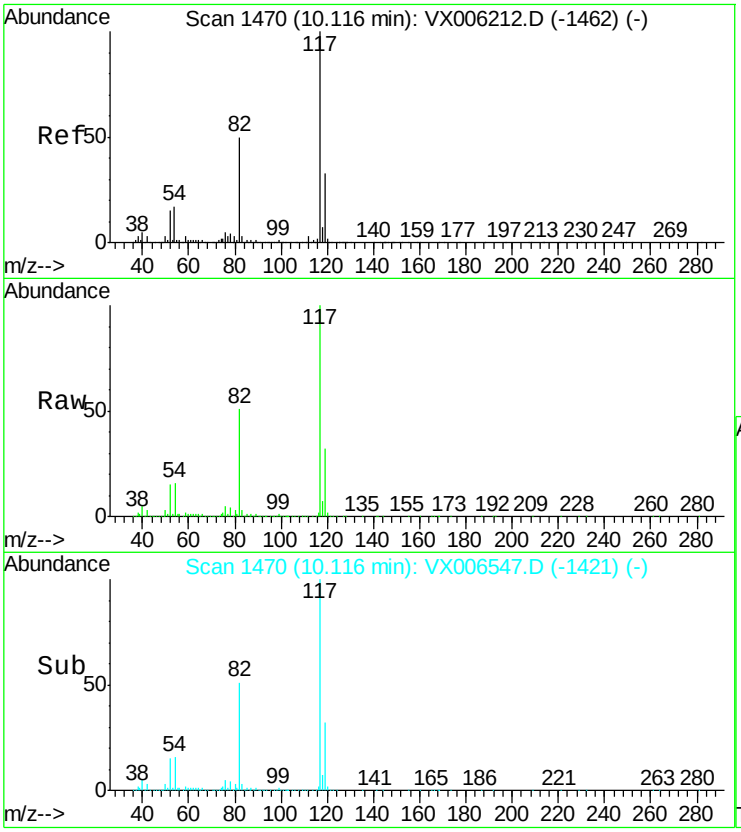


#62
4-Bromofluorobenzene
Concen: 48.552 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion: 95 Resp: 469893

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	187.0
176	85.8	0.0	181.8



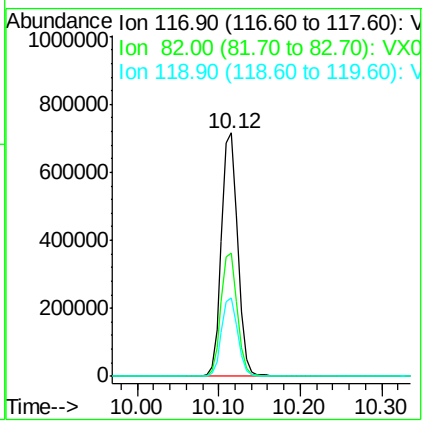


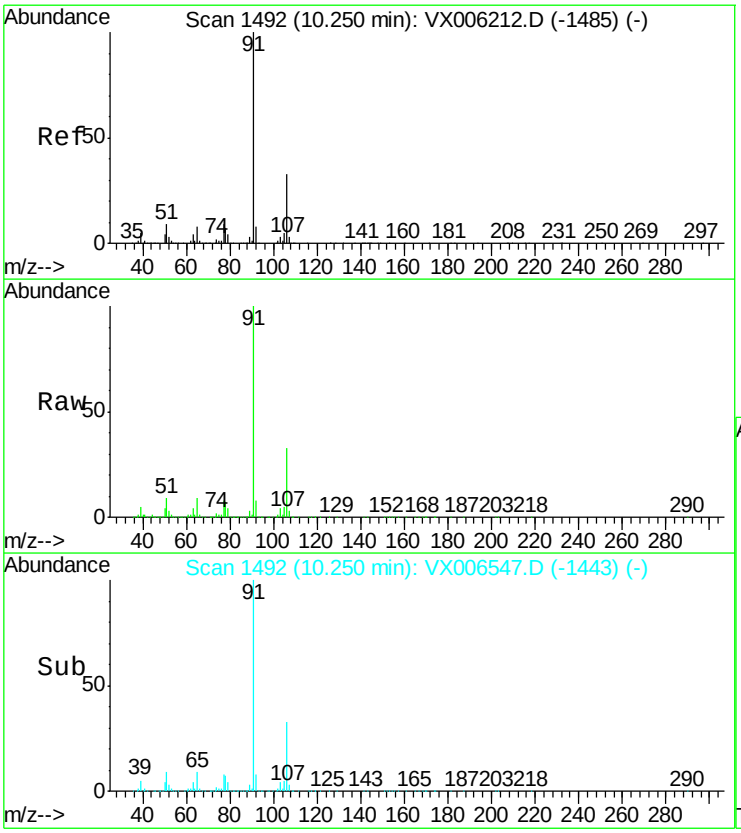
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument : MSVOA_X
ClientSampleId : DUP-01_121218

Tgt Ion:117 Resp: 996082

Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.6	59.4
119	32.2	26.3	39.5

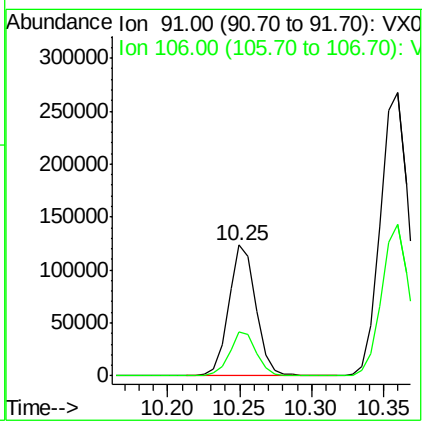


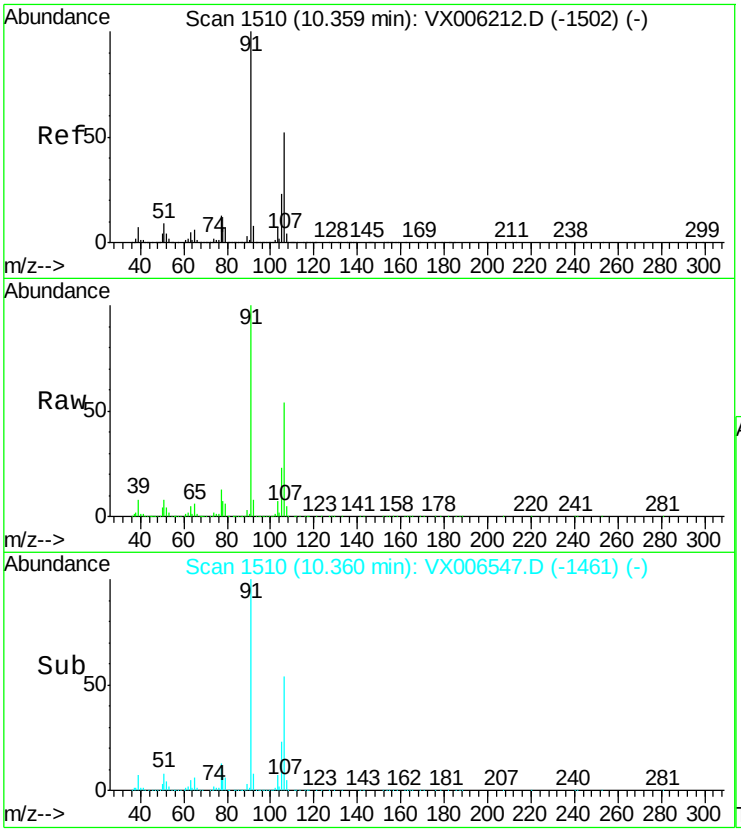


#67
Ethyl Benzene
Concen: 4.644 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion: 91 Resp: 163313

Ion	Ratio	Lower	Upper
91	100		
106	33.3	26.5	39.7



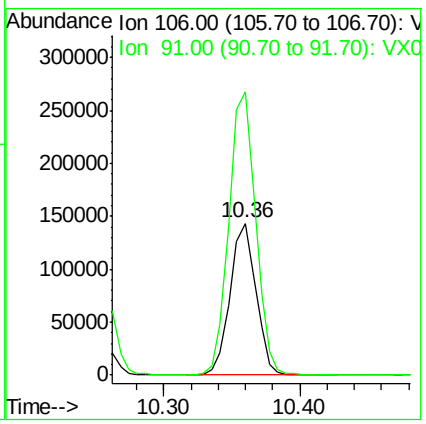


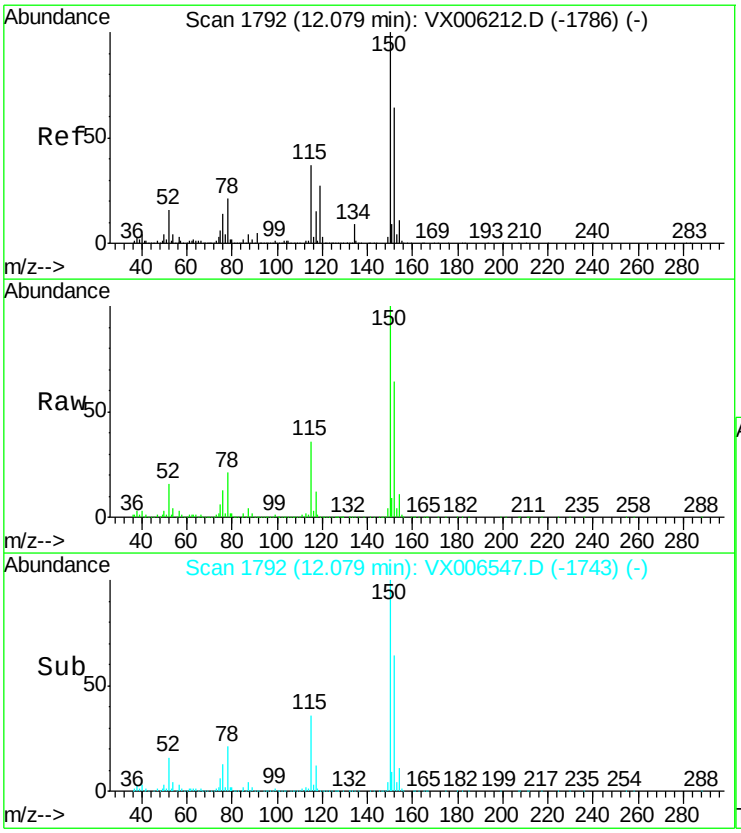
#68
m/p-Xylenes
Concen: 13.488 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion:106 Resp: 190013

Ion	Ratio	Lower	Upper
106	100		
91	192.8	155.2	232.8

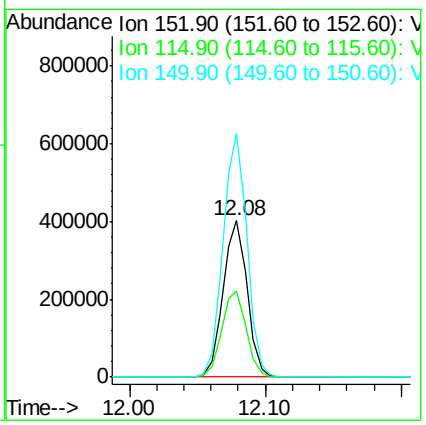


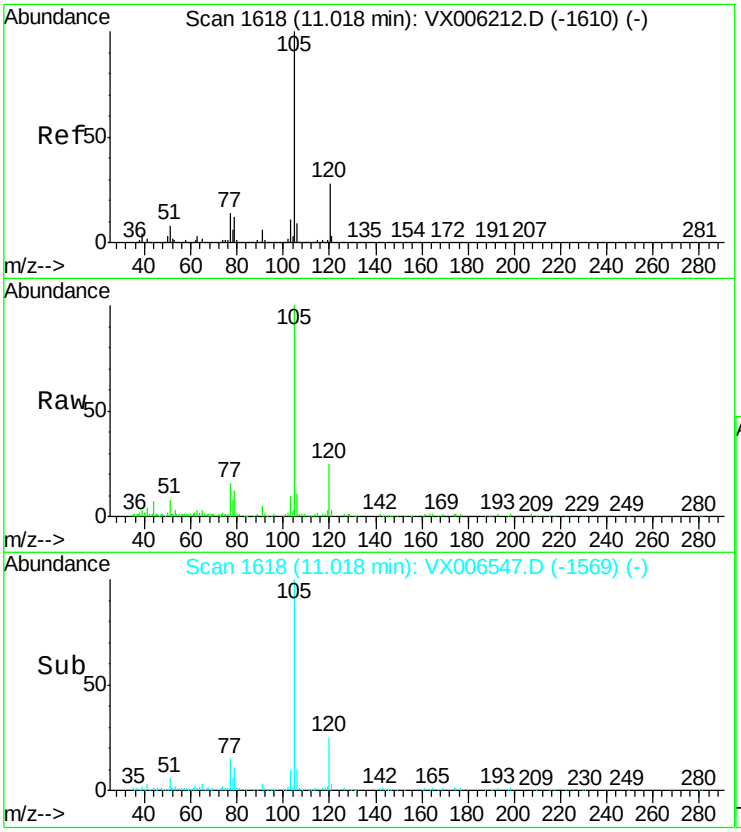


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion:152 Resp: 488609

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.0	116.9
150	156.0	0.0	345.8



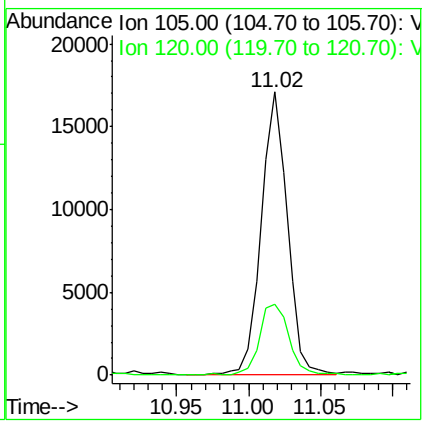


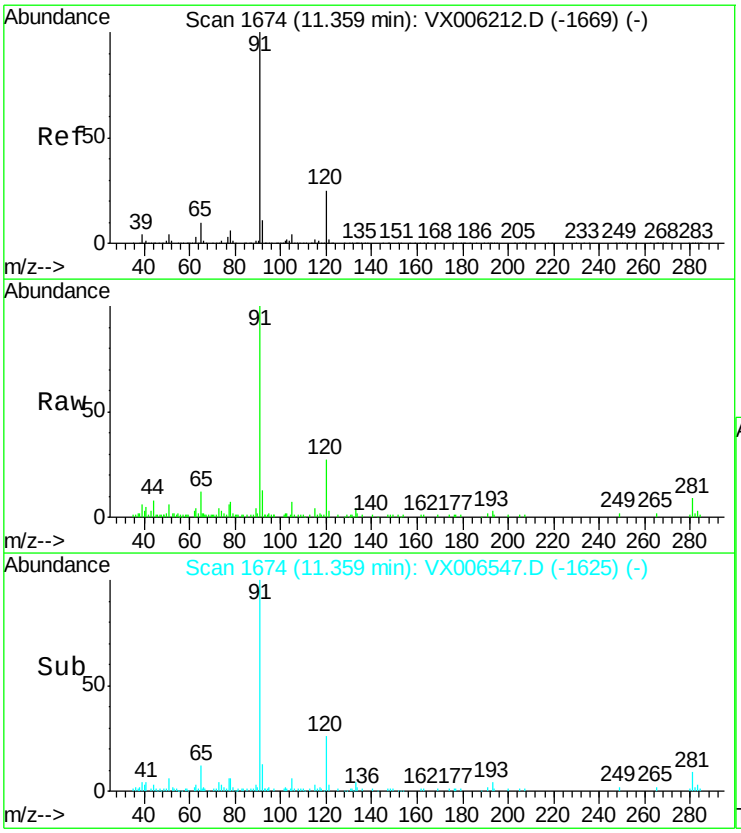
#73
Isopropylbenzene
Concen: 0.637 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion:105 Resp: 21484

Ion	Ratio	Lower	Upper
105	100		
120	28.2	14.1	42.3

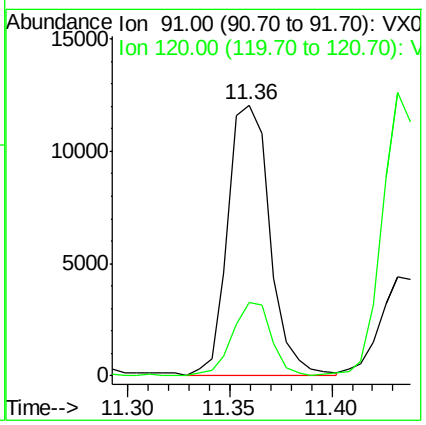


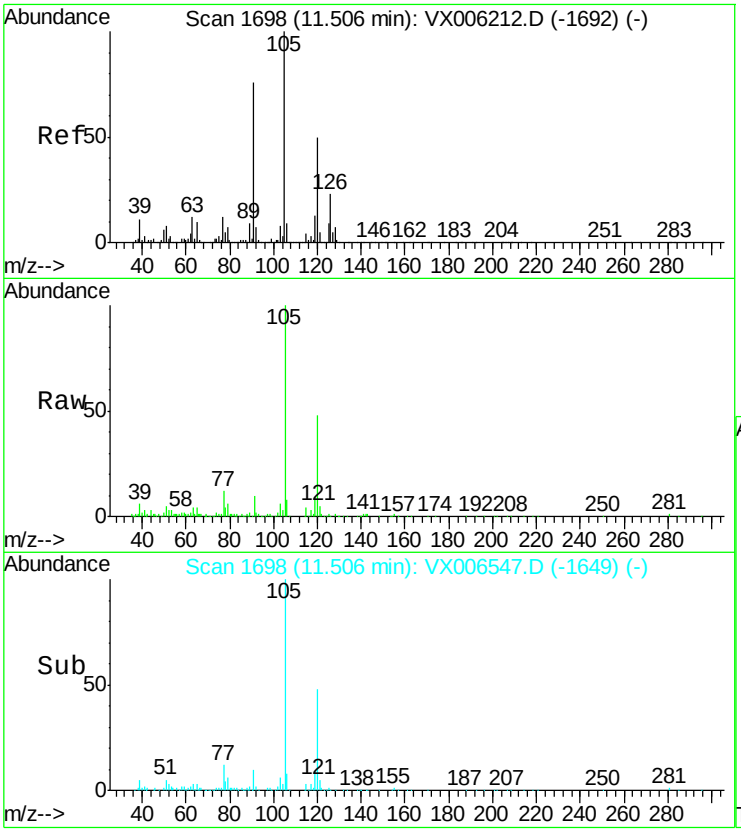


#78
n-propylbenzene
Concen: 0.461 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion: 91 Resp: 17285

Ion	Ratio	Lower	Upper
91	100		
120	25.3	12.7	38.0



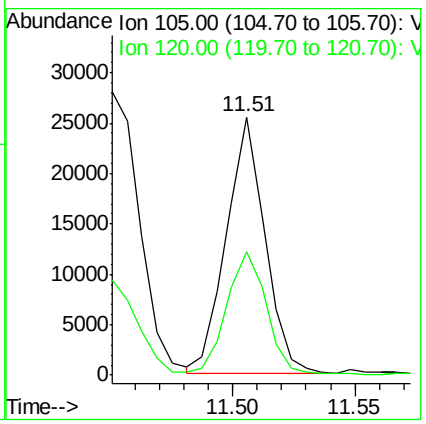


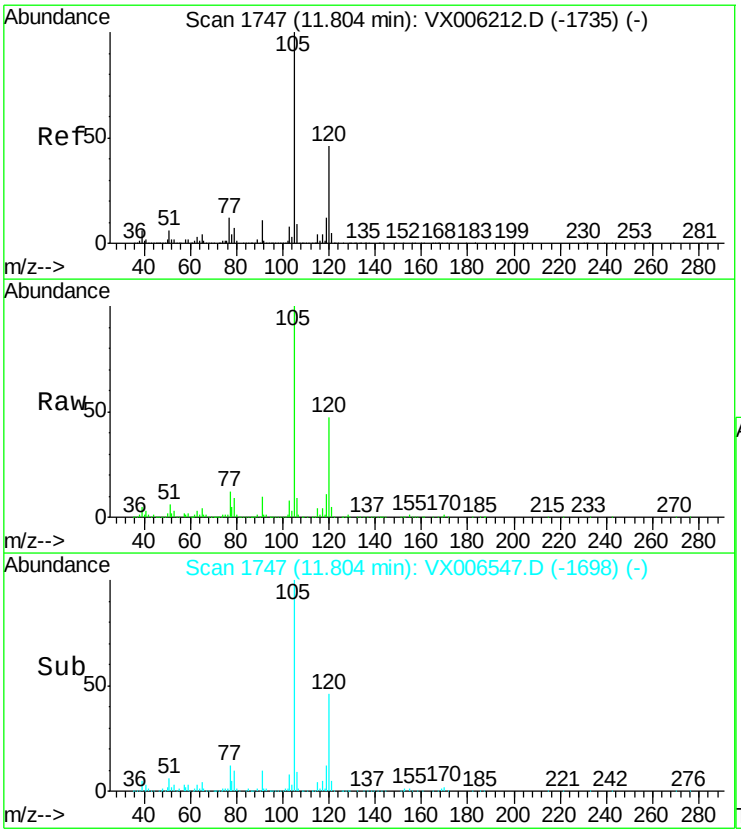
#80
1,3,5-Trimethylbenzene
Concen: 0.990 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion:105 Resp: 27782

Ion	Ratio	Lower	Upper
105	100		
120	49.9	25.4	76.0

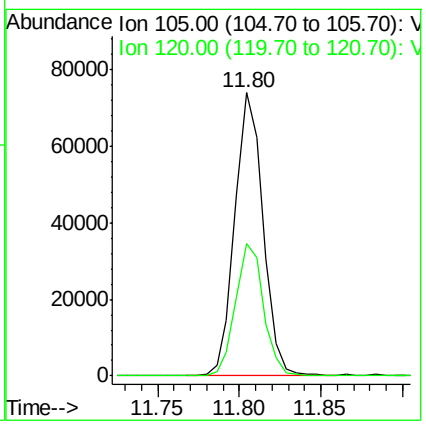


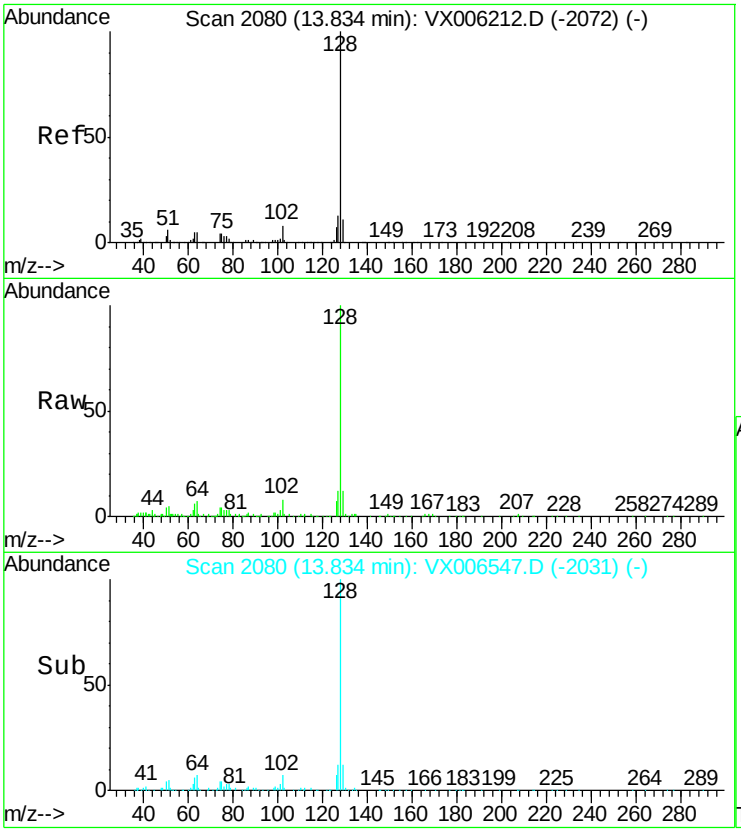


#84
1,2,4-Trimethylbenzene
Concen: 3.071 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Tgt Ion:105 Resp: 89036

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.0





#95
Naphthalene
Concen: 0.864 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006547.D
Acq: 15 Dec 2018 06:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-01_121218

Tgt Ion:128 Resp: 32430

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	13.3	8.9	13.3#