Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
Data File : VX010777.D
Acq On : 10 Jul 2019 15:12
Operator : JC/SP
Sample : K3664-04DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588DL

Quant Time: Jul 11 02:08:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108745	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.74%			
35) Dibromofluoromethane	5.50	113	102850	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
50) Toluene-d8	8.71	98	400146	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
62) 4-Bromofluorobenzene	11.13	95	140135	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.26%			
Target Compounds						Qvalue
31) Cyclohexane	5.58	56	4820	1.684	ug/l	90
39) Methylcyclohexane	7.46	83	6723	1.926	ug/l	97
67) Ethyl Benzene	10.25	91	326455	30.761	ug/l	98
68) m/p-Xylenes	10.36	106	309306	75.218	ug/l	99
69) o-Xylene	10.69	106	42294	10.459	ug/l	100
73) Isopropylbenzene	11.02	105	36323	3.464	ug/l	98
78) n-propylbenzene	11.36	91	67628	5.868	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	98303	11.372	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380867	43.853	ug/l	99
85) sec-Butylbenzene	11.94	105	18007	1.768	ug/l	86
86) p-Isopropyltoluene	12.06	119	18752	1.990	ug/l	97
89) n-Butylbenzene	12.38	91	21943	2.740	ug/l #	25
95) Naphthalene	13.83	128	101218	9.350	ug/l	99

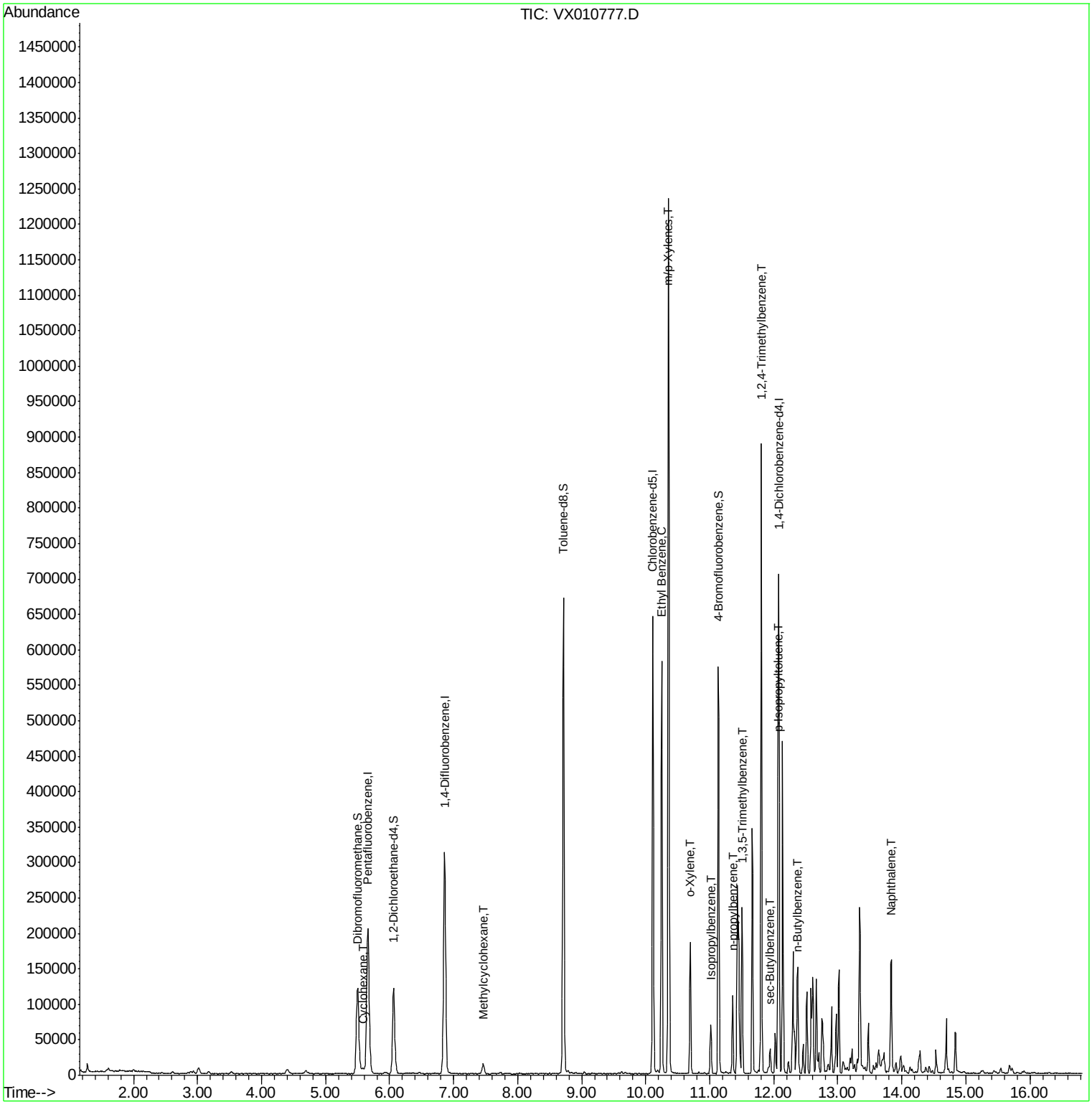
(#) = qualifier out of range (m) = manual integration (+) = signals summed

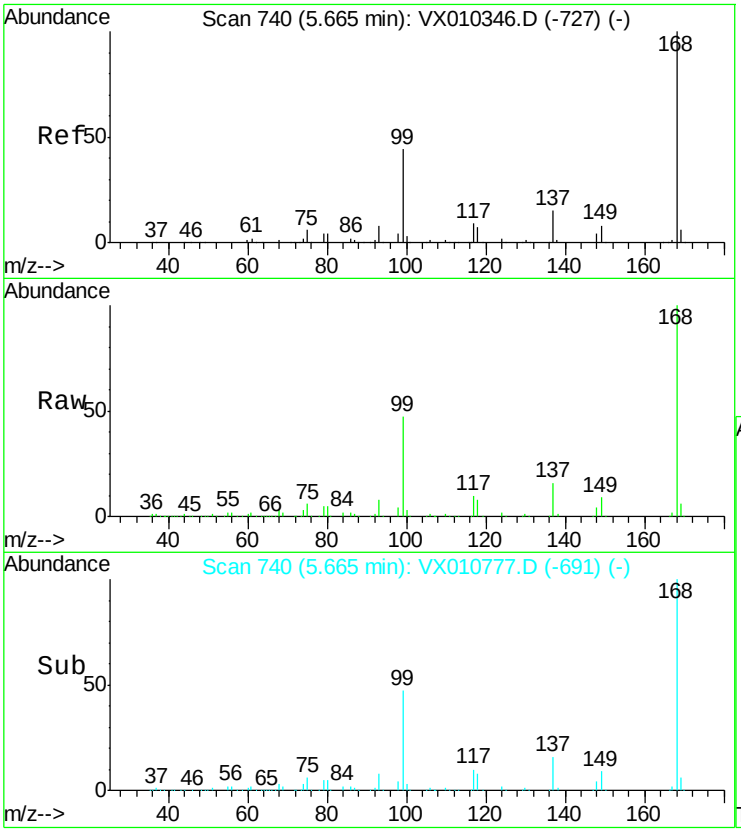
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
Data File : VX010777.D
Acq On : 10 Jul 2019 15:12
Operator : JC/SP
Sample : K3664-04DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Quant Time: Jul 11 02:08:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



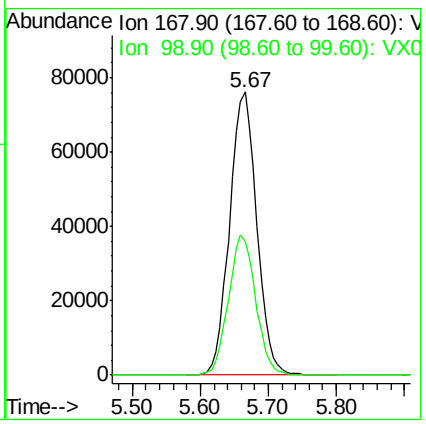


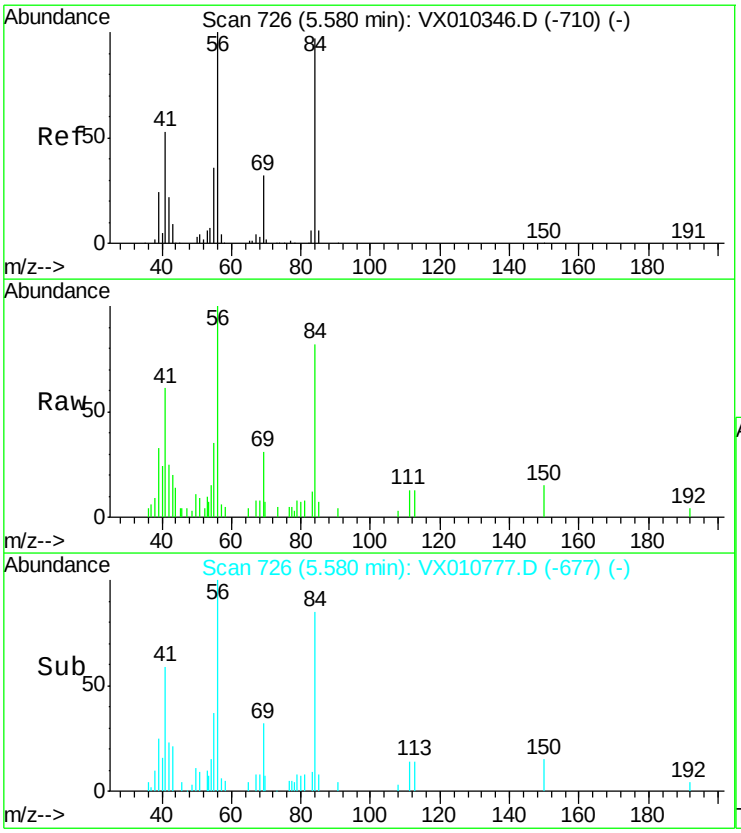
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:168 Resp: 211372

Ion	Ratio	Lower	Upper
168	100		
99	47.4	35.5	53.3

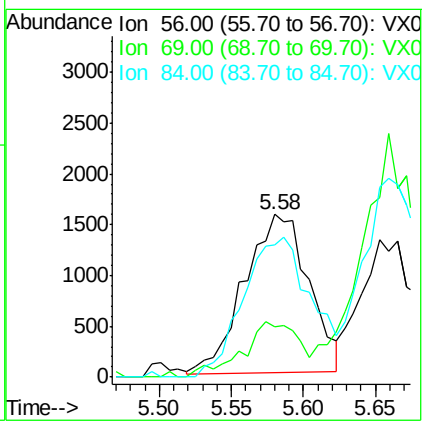


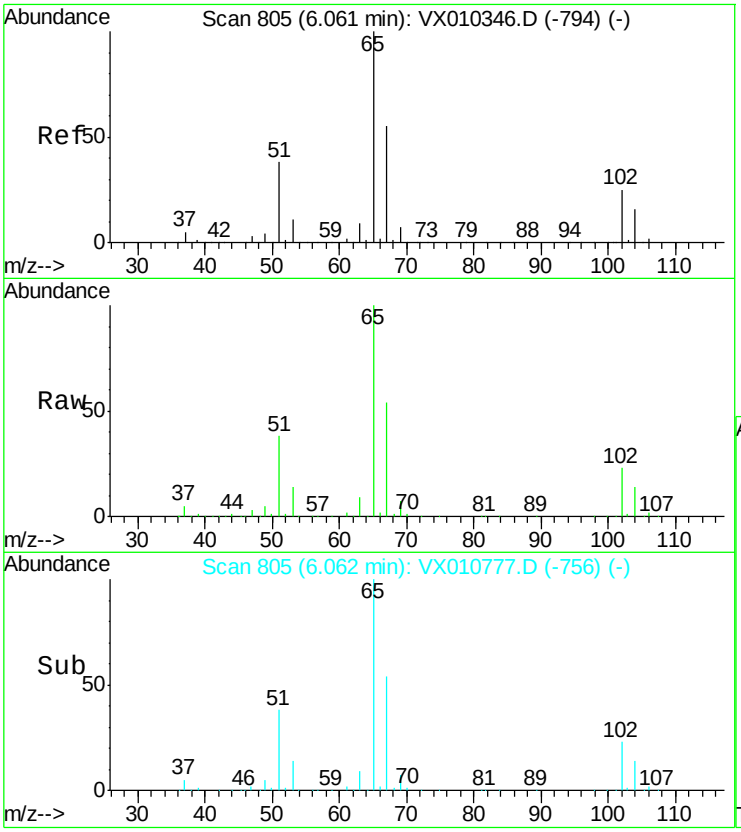


#31
Cyclohexane
Concen: 1.684 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 56 Resp: 4820

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	84.8	78.0	117.0



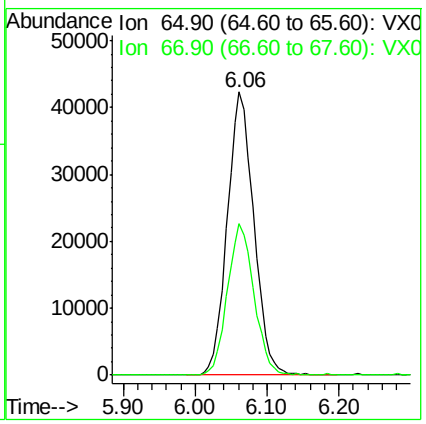


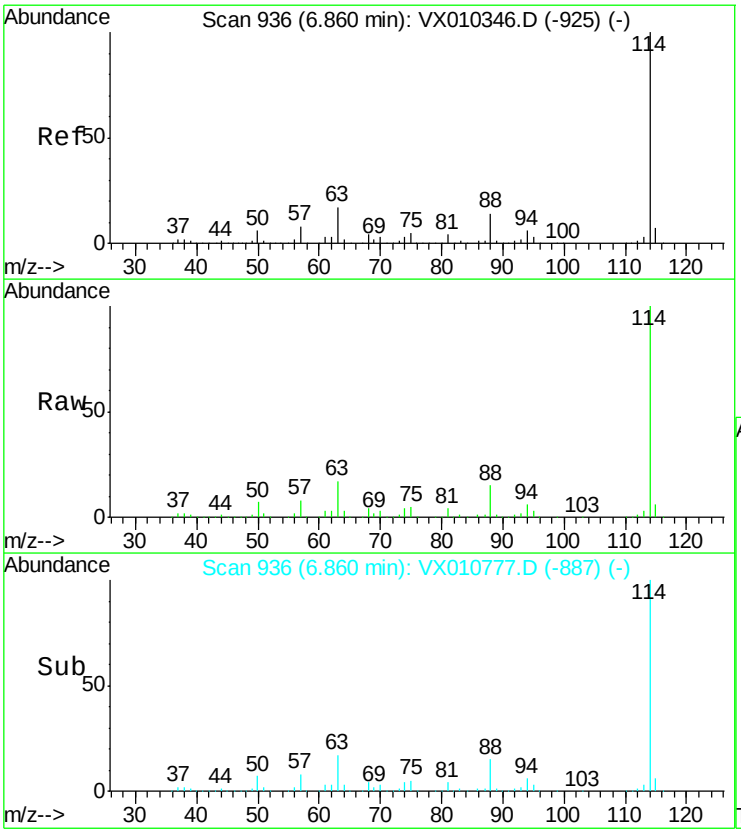
#33
1,2-Dichloroethane-d4
Concen: 54.871 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion: 65 Resp: 108745

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.2

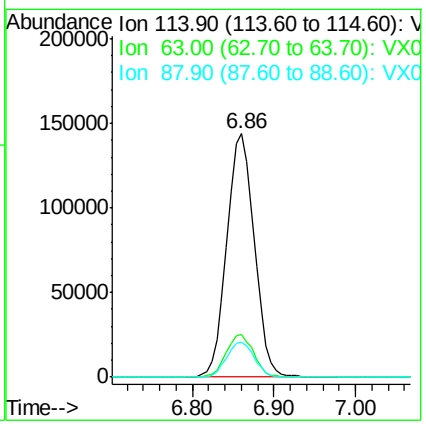


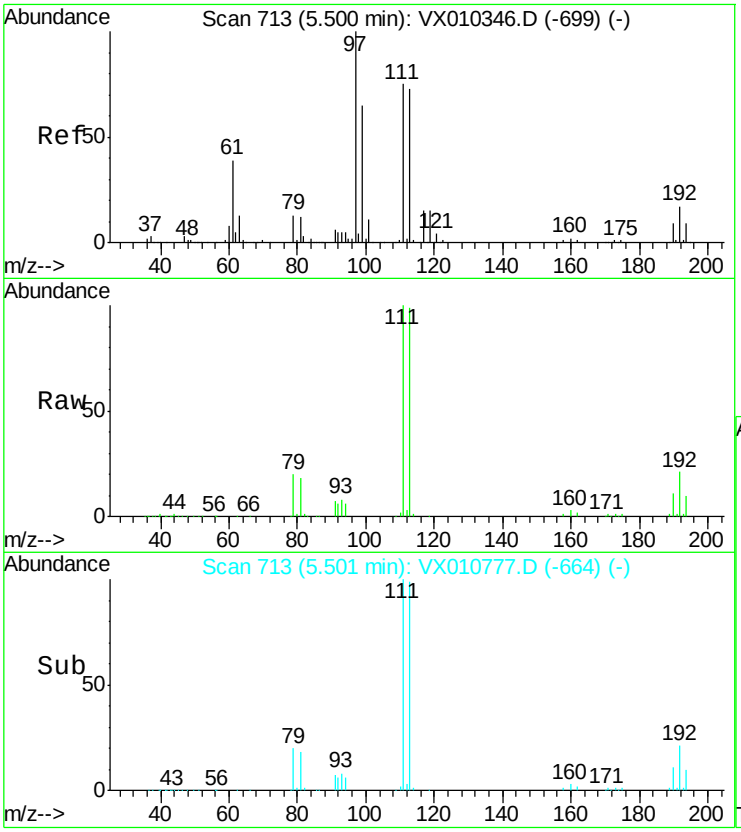


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:114 Resp: 334125

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.8
88	14.5	0.0	27.6



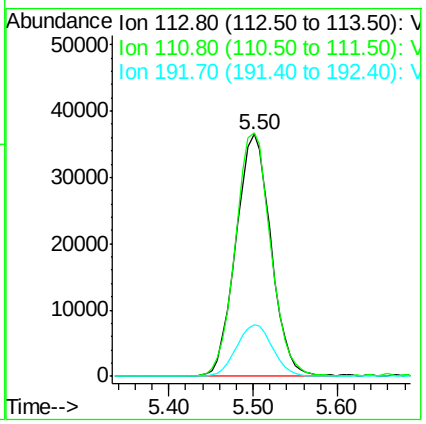


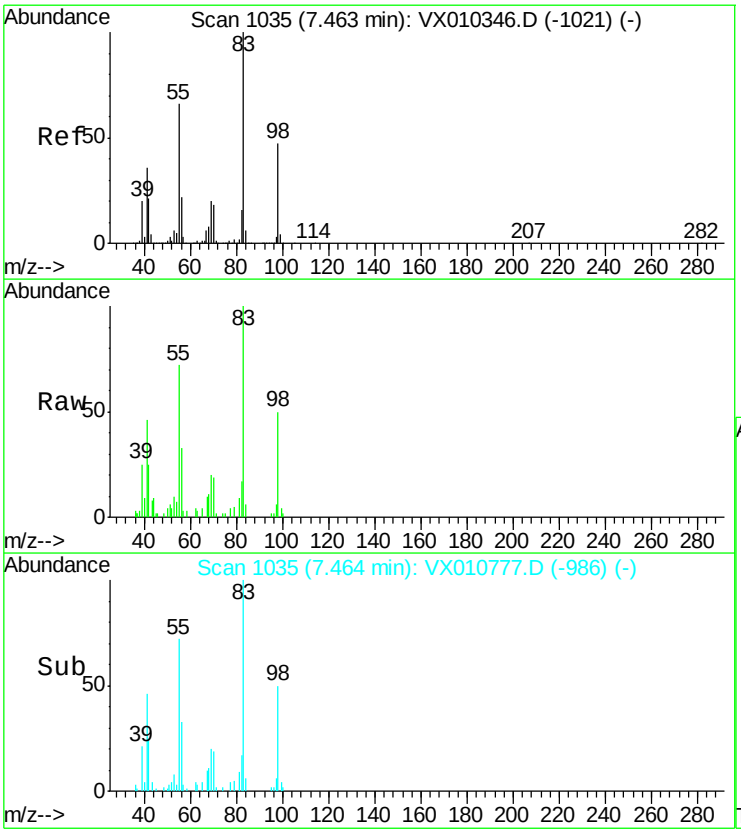
#35
Dibromofluoromethane
Concen: 50.311 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:113 Resp: 102850

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.2	121.8
192	22.0	18.6	27.8

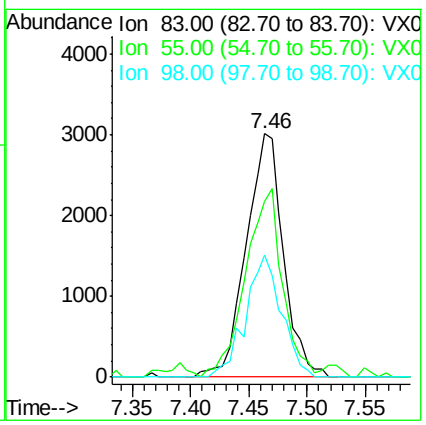


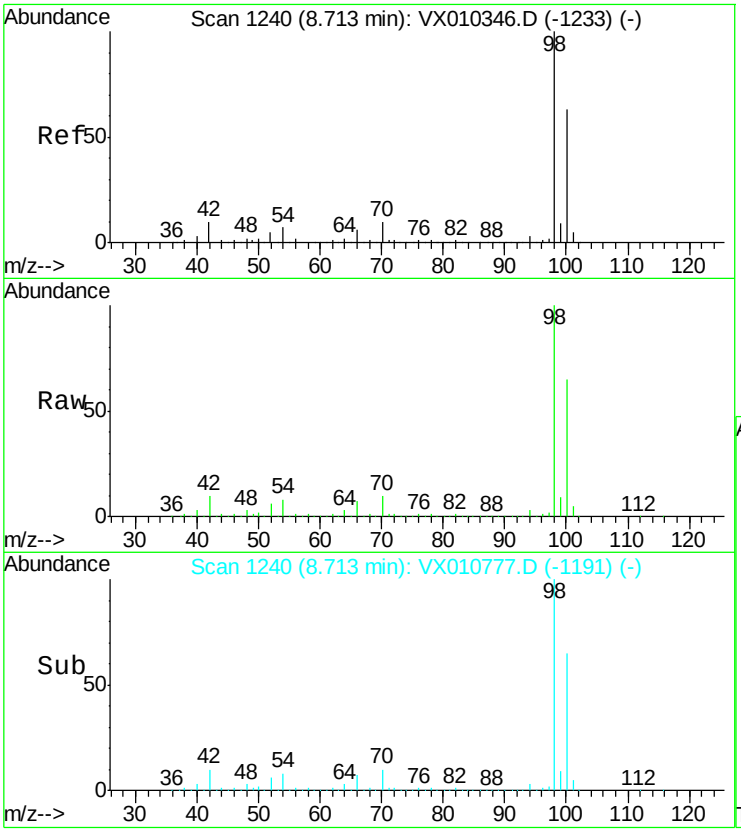


#39
Methylcyclohexane
Concen: 1.926 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 83 Resp: 6723

Ion	Ratio	Lower	Upper
83	100		
55	67.9	53.0	79.6
98	50.0	37.8	56.8



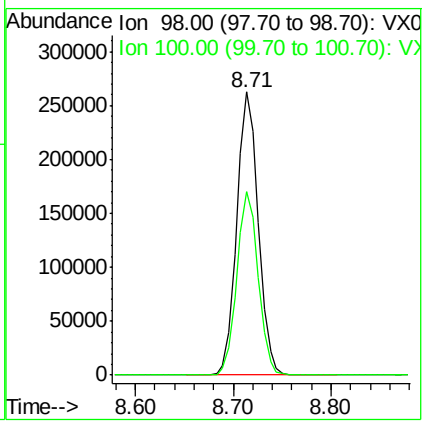


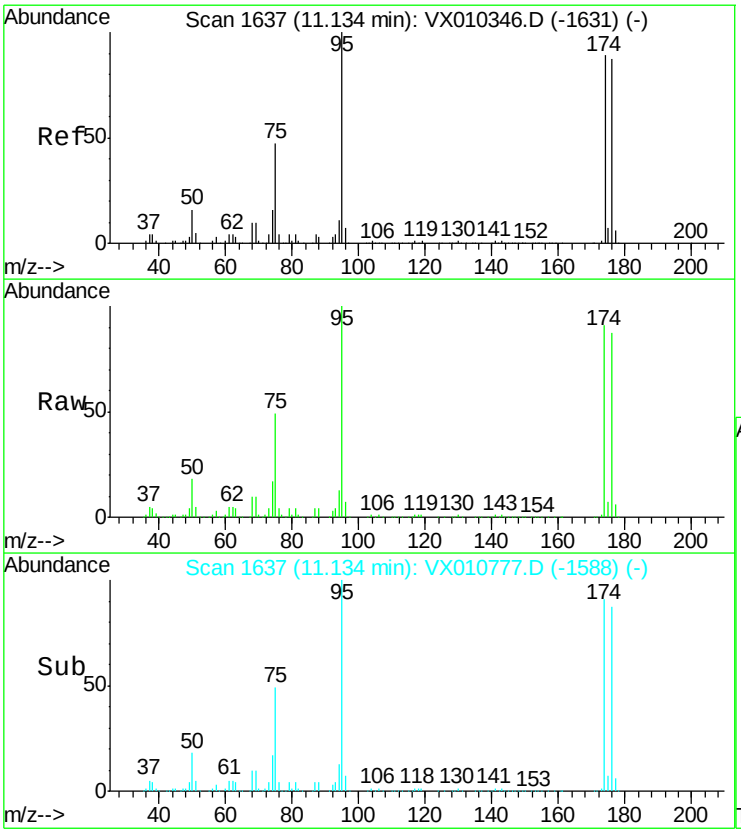
#50
Toluene-d8
Concen: 51.162 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion: 98 Resp: 400146

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

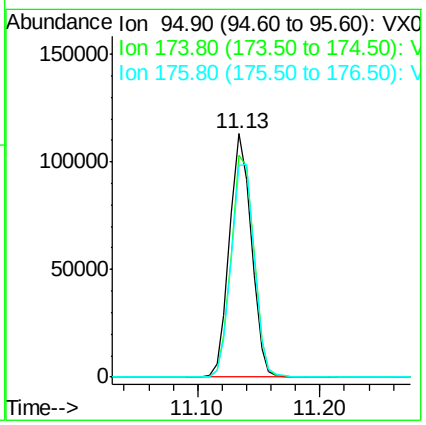


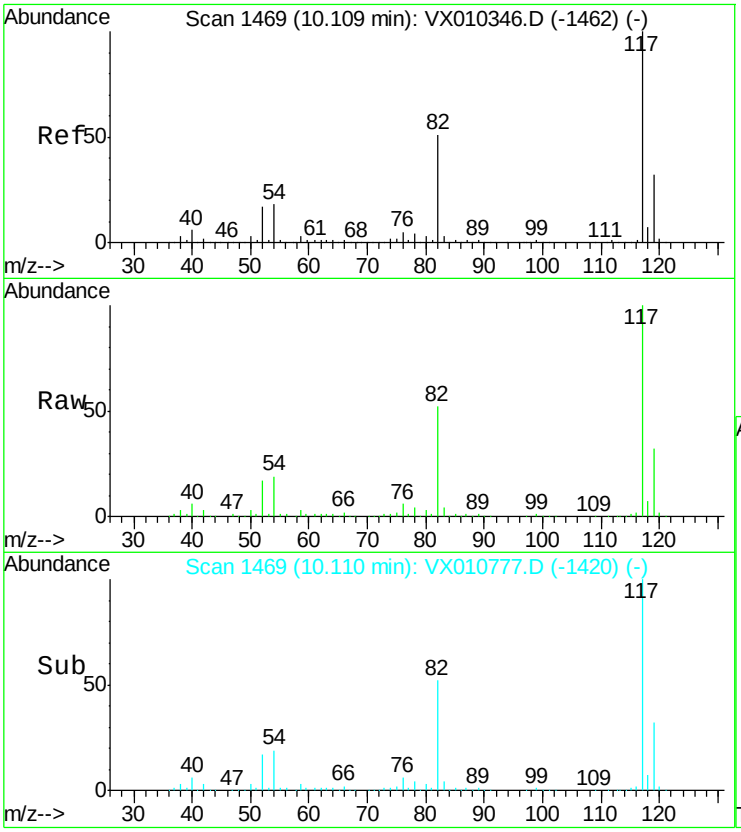


#62
4-Bromofluorobenzene
Concen: 49.629 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 95 Resp: 140135

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	187.6
176	91.9	0.0	184.0



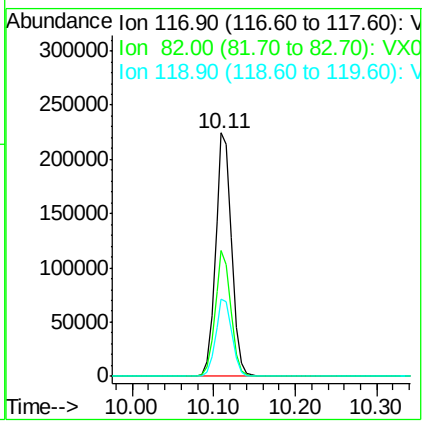


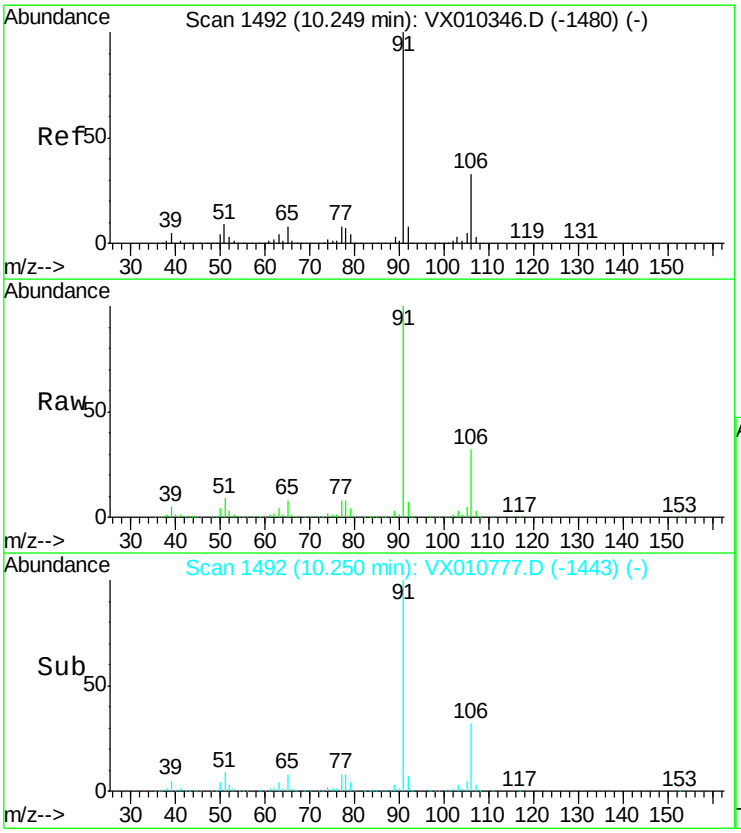
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:117 Resp: 309638

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.2	61.8
119	31.5	25.5	38.3

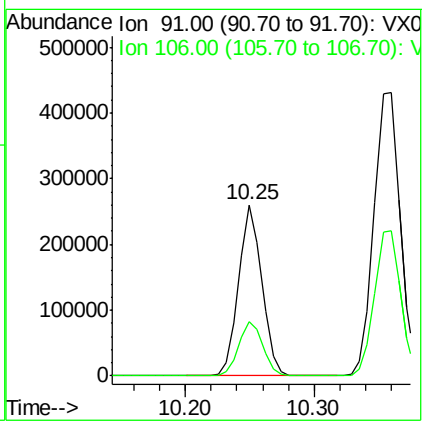


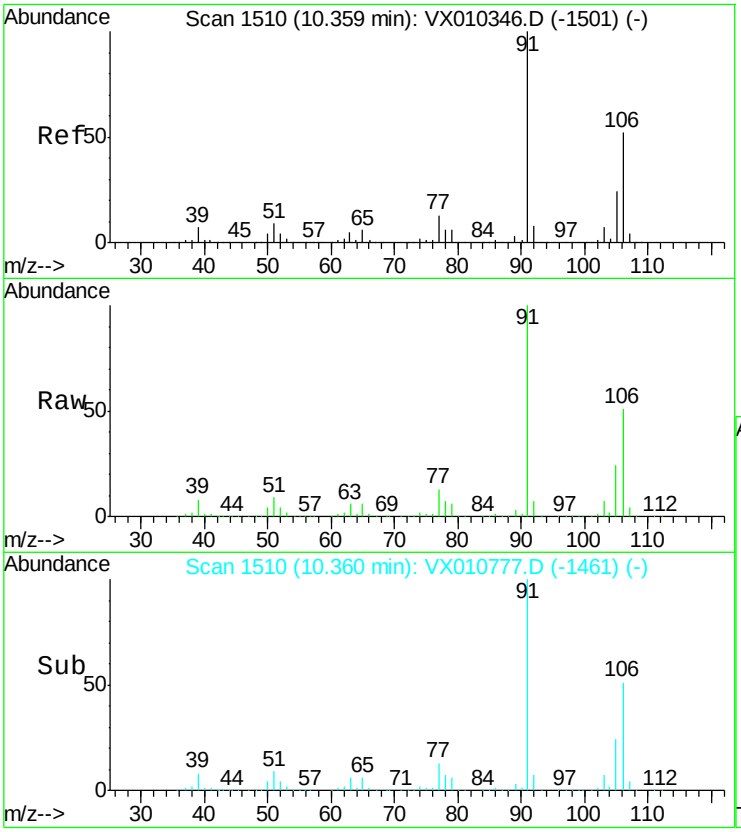


#67
Ethyl Benzene
Concen: 30.761 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 91 Resp: 326455

Ion	Ratio	Lower	Upper
91	100		
106	31.6	26.2	39.2



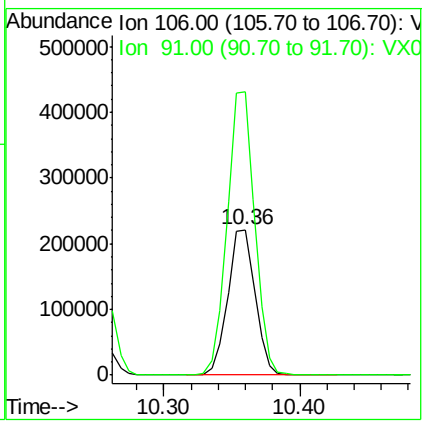


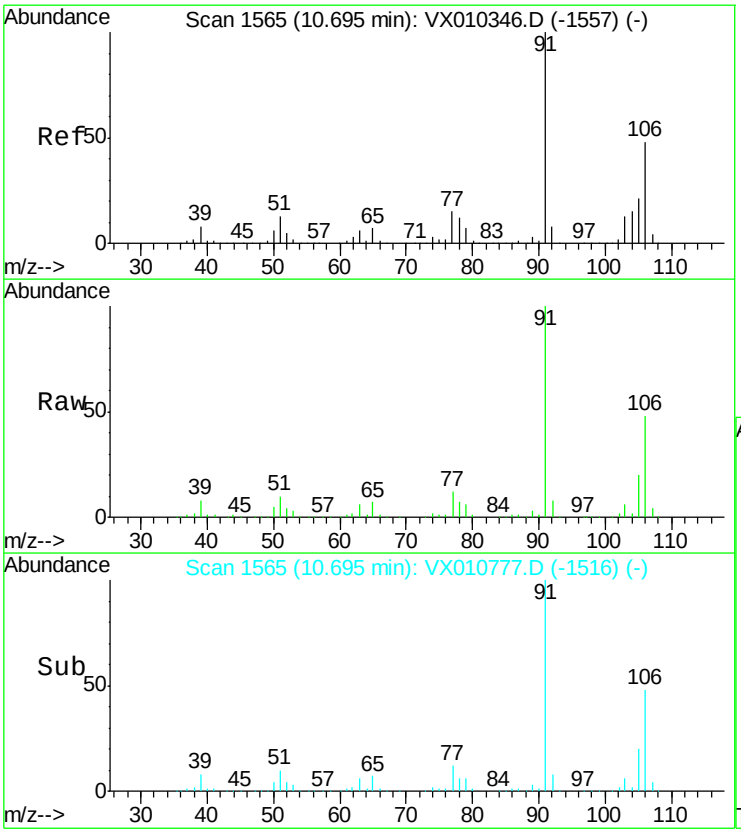
#68
m/p-Xylenes
Concen: 75.218 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:106 Resp: 309306

Ion	Ratio	Lower	Upper
106	100		
91	195.7	155.3	232.9

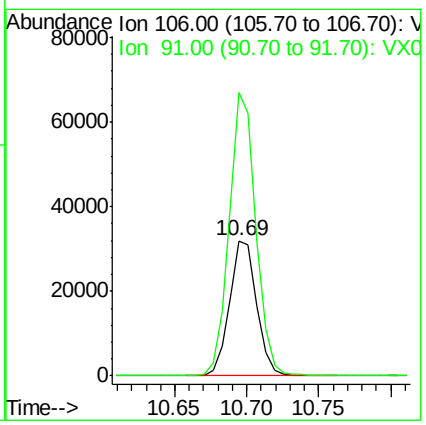


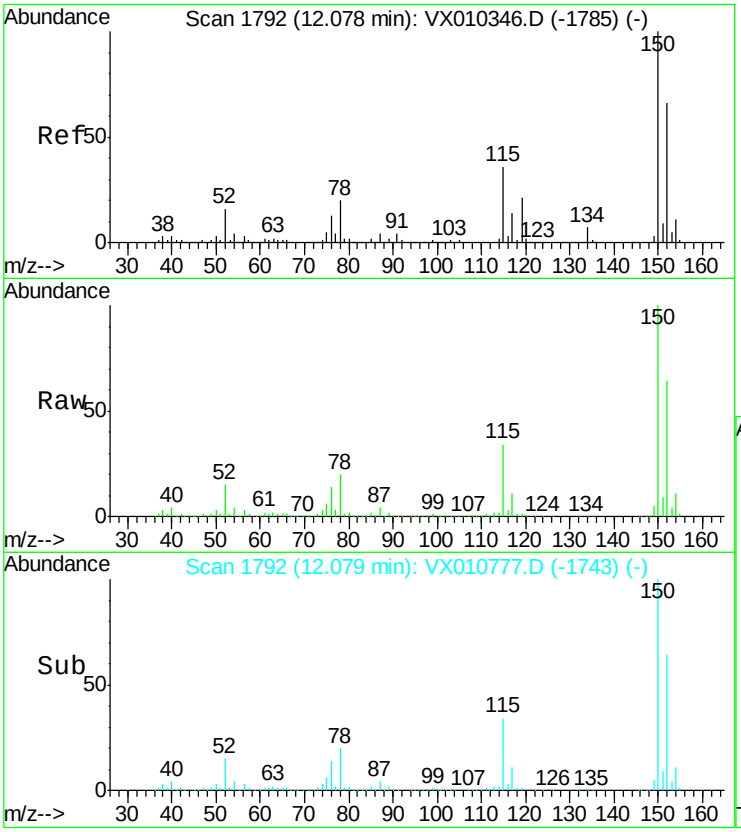


#69
o-Xylene
Concen: 10.459 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:106 Resp: 42294

Ion	Ratio	Lower	Upper
106	100		
91	206.0	102.7	308.1



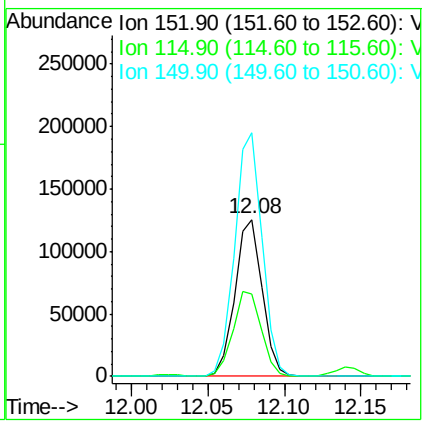


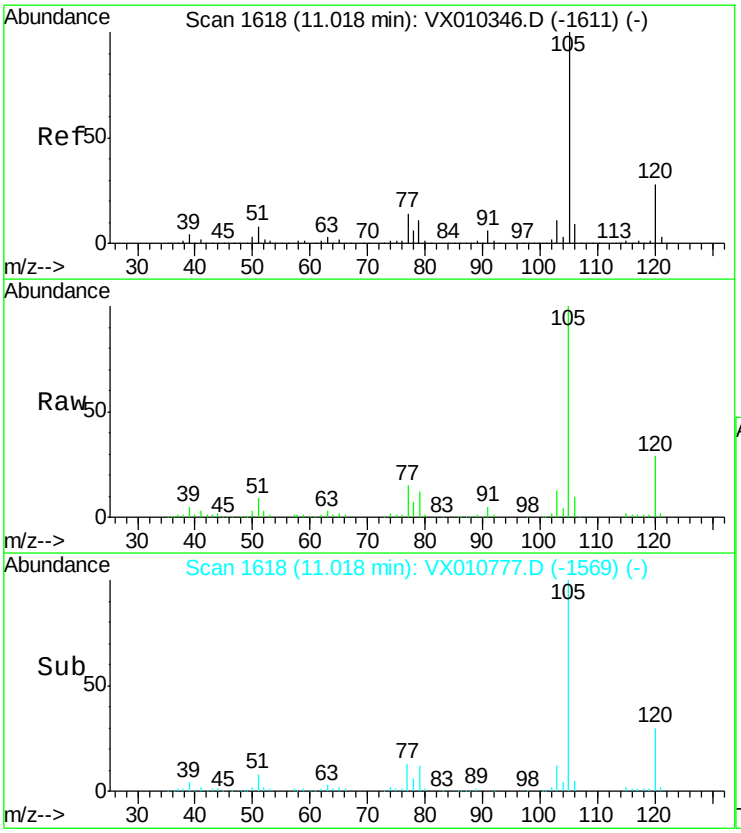
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument : MSVOA_X
ClientSampleId : FL-0588DL

Tgt Ion:152 Resp: 154691

Ion	Ratio	Lower	Upper
152	100		
115	56.6	38.6	115.7
150	156.2	0.0	347.4

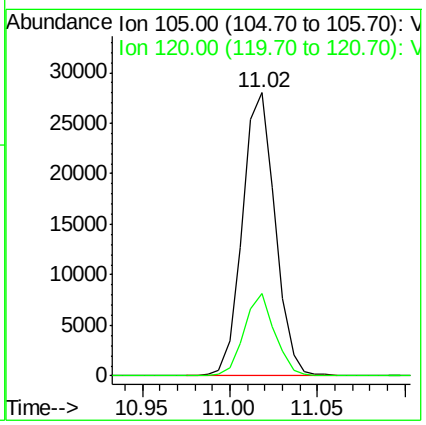


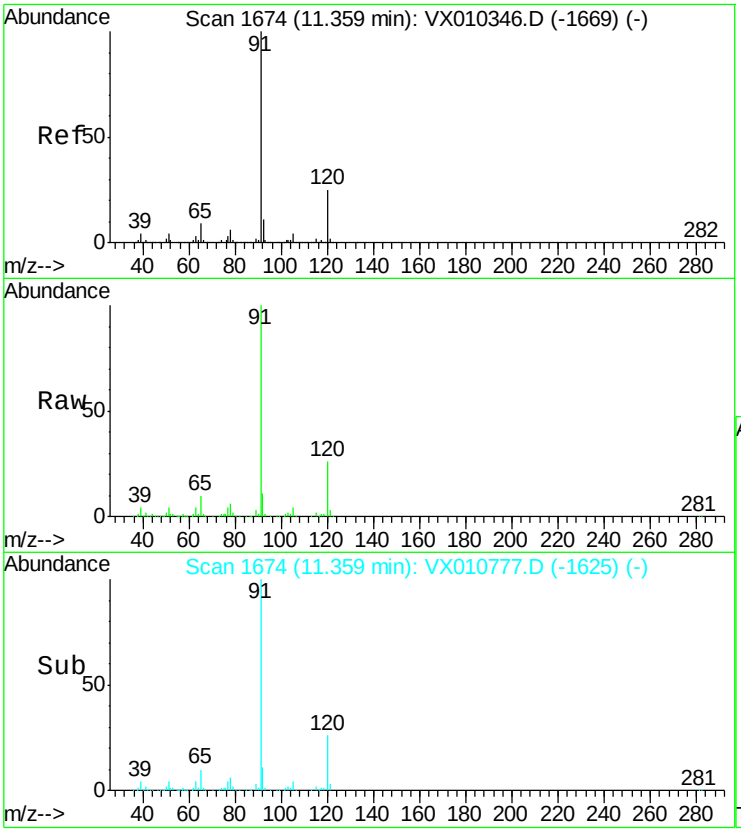


#73
Isopropylbenzene
Concen: 3.464 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:105 Resp: 36323

Ion	Ratio	Lower	Upper
105	100		
120	27.5	14.1	42.4



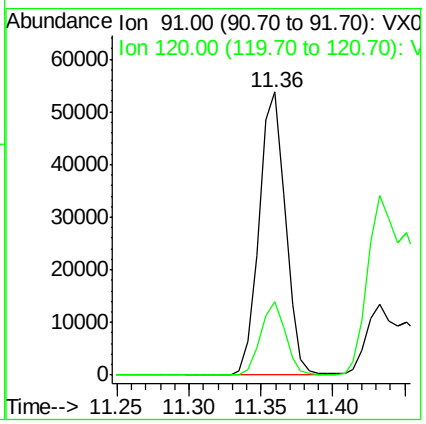


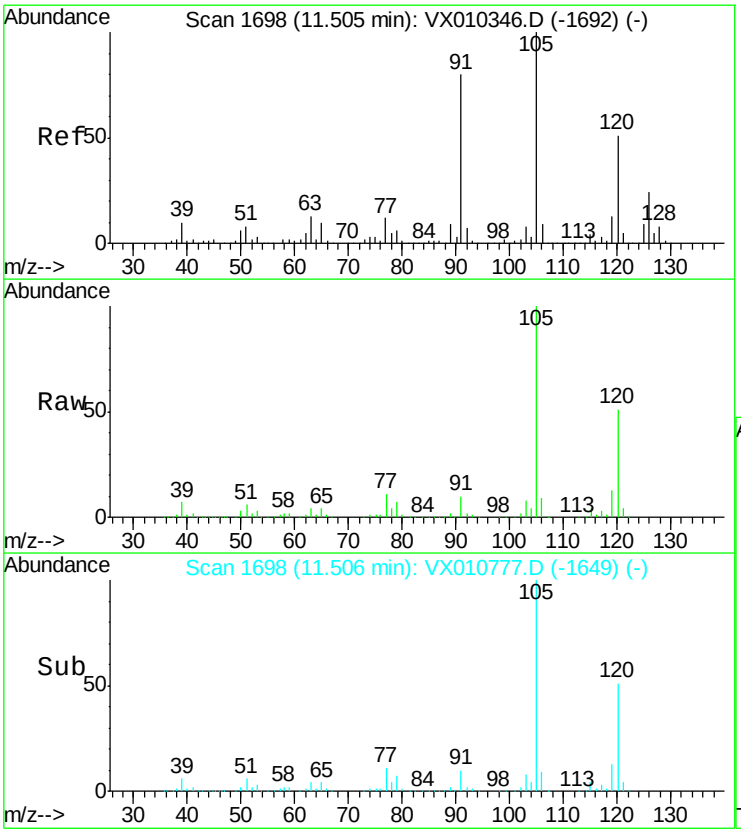
#78
n-propylbenzene
Concen: 5.868 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion: 91 Resp: 67628

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.4

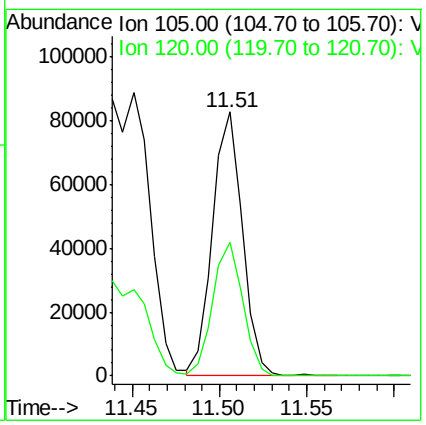


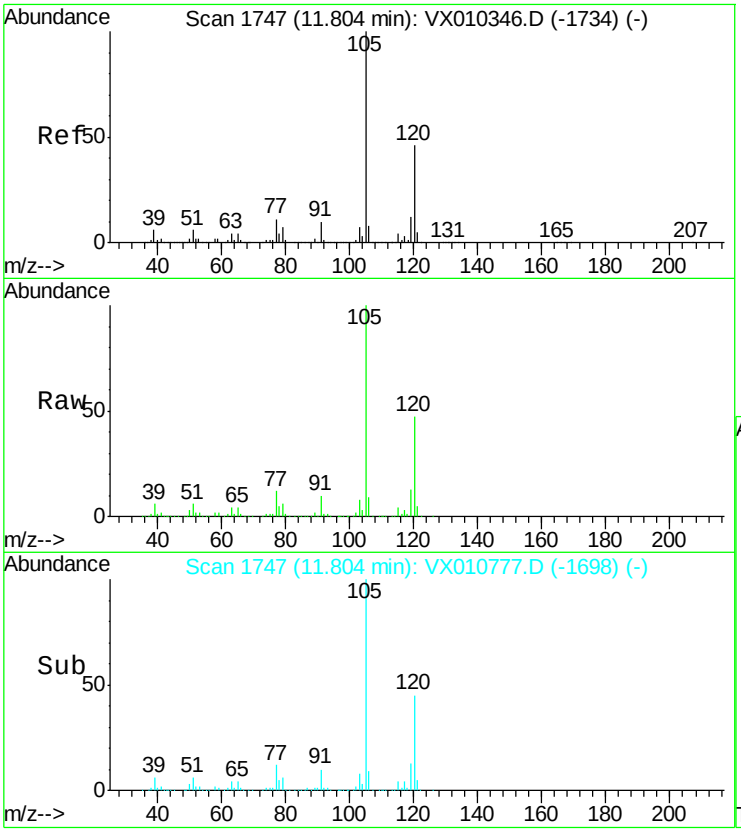


#80
1,3,5-Trimethylbenzene
Concen: 11.372 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:105 Resp: 98303

Ion	Ratio	Lower	Upper
105	100		
120	51.3	25.2	75.6



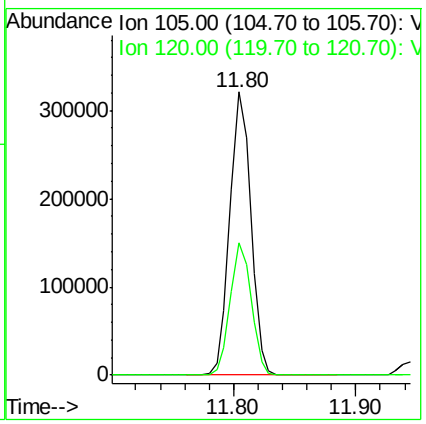


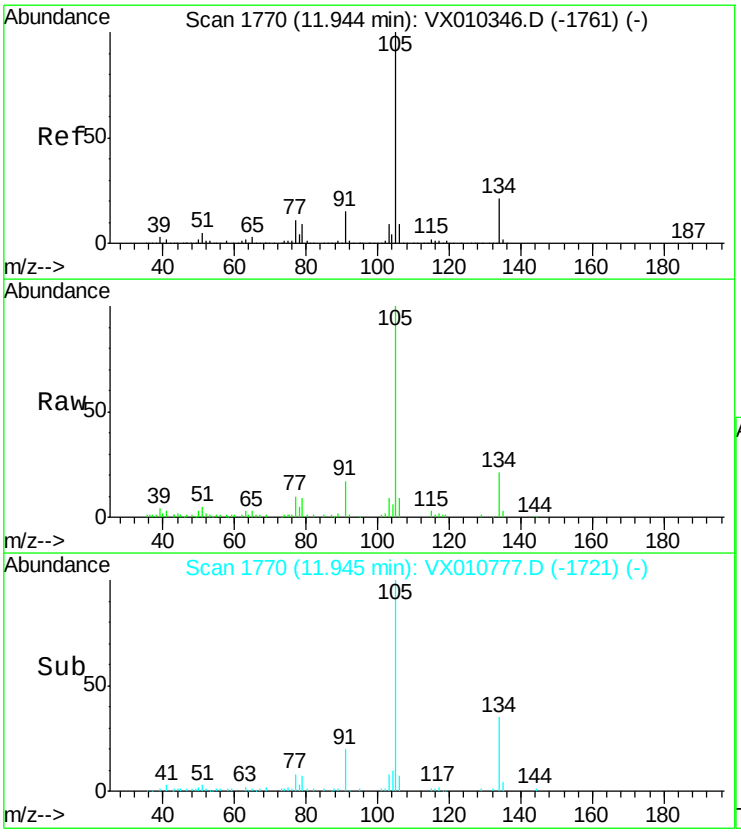
#84
1,2,4-Trimethylbenzene
Concen: 43.853 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:105 Resp: 380867

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.1	69.2

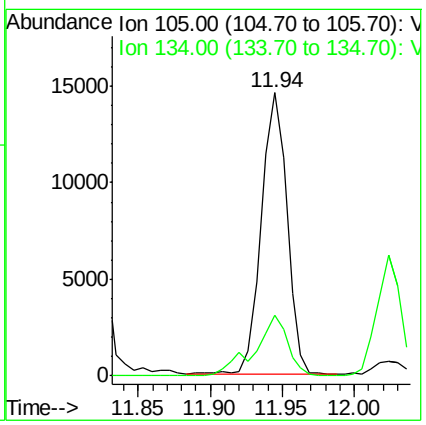


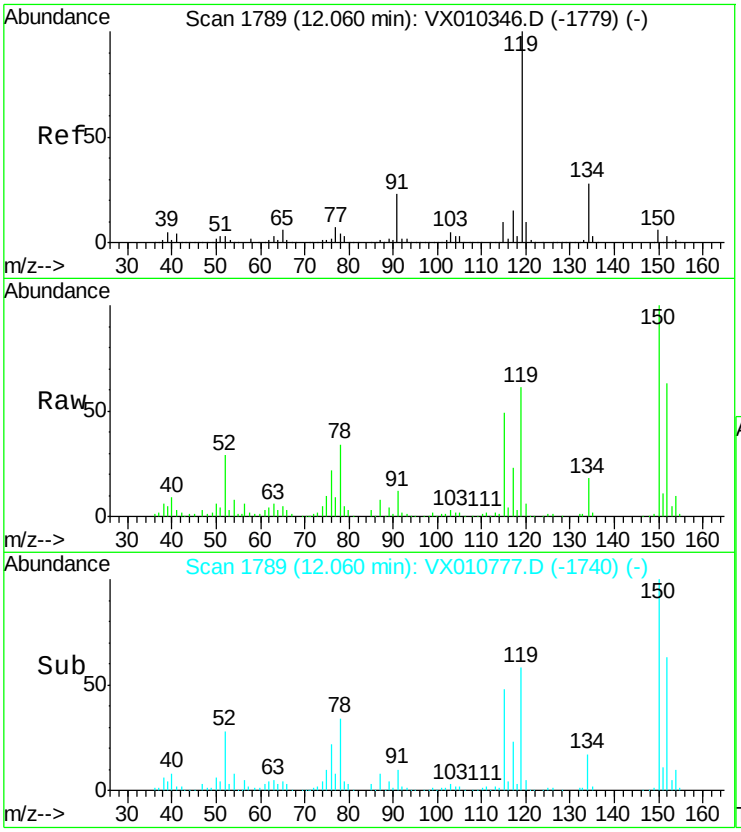


#85
sec-Butylbenzene
Concen: 1.768 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion:105 Resp: 18007

Ion	Ratio	Lower	Upper
105	100		
134	27.8	10.7	31.9



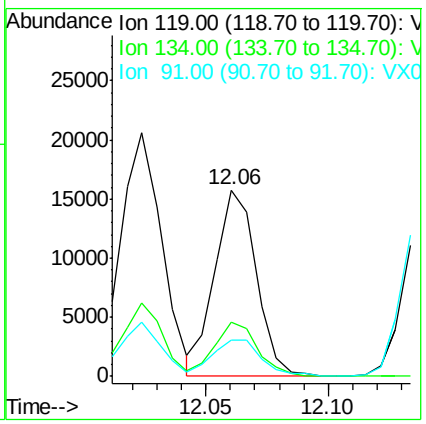


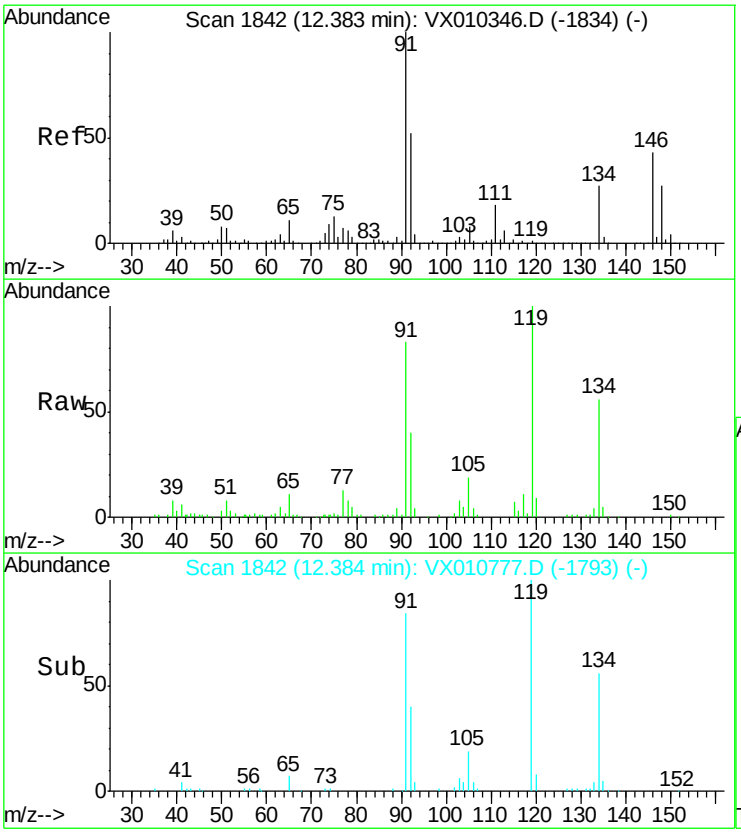
#86
p-Isopropyltoluene
Concen: 1.990 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:119 Resp: 18752

Ion	Ratio	Lower	Upper
119	100		
134	30.0	13.7	41.1
91	22.0	11.3	33.8

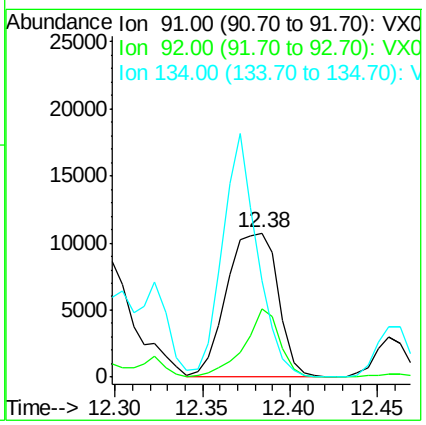


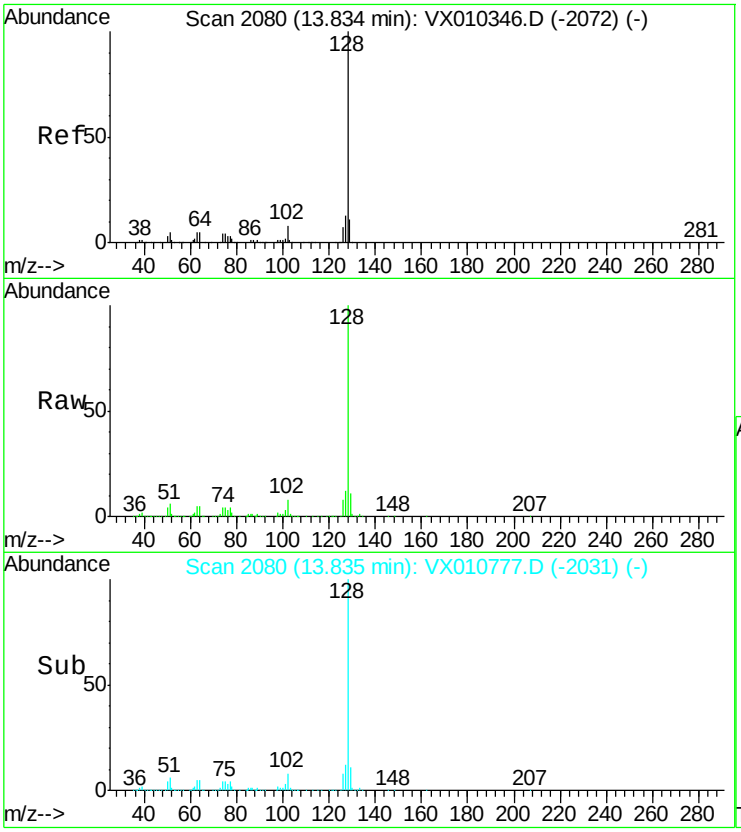


#89
n-Butylbenzene
Concen: 2.740 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Tgt Ion: 91 Resp: 21943

Ion	Ratio	Lower	Upper
91	100		
92	33.1	26.2	78.5
134	115.3	14.1	42.4#





#95
Naphthalene
Concen: 9.350 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010777.D
Acq: 10 Jul 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:128 Resp: 101218

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	12.1	8.9	13.3