Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010702.D
Acq On : 08 Jul 2019 17:46
Operator : JC/SP
Sample : K3664-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0588DL

Quant Time: Jul 09 02:12:54 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	234826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114673	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%			
35) Dibromofluoromethane	5.50	113	109862	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.60%			
50) Toluene-d8	8.71	98	429309	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.72%			
62) 4-Bromofluorobenzene	11.13	95	149110	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.86%			
Target Compounds						Qvalue
31) Cyclohexane	5.58	56	33930	10.669	ug/l	95
39) Methylcyclohexane	7.46	83	66647	17.695	ug/l	94
67) Ethyl Benzene	10.25	91	345681	30.545	ug/l	100
68) m/p-Xylenes	10.35	106	303662	69.248	ug/l	99
69) o-Xylene	10.69	106	39456	9.149	ug/l	100
73) Isopropylbenzene	11.02	105	42323	3.854	ug/l	98
78) n-propylbenzene	11.36	91	79158	6.559	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	86681	9.575	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	335124	36.845	ug/l	98
85) sec-Butylbenzene	11.94	105	23340	2.188	ug/l	84
86) p-Isopropyltoluene	12.06	119	20999	2.128	ug/l	96
89) n-Butylbenzene	12.38	91	23906	2.851	ug/l #	32
95) Naphthalene	13.83	128	84940	7.492	ug/l	99

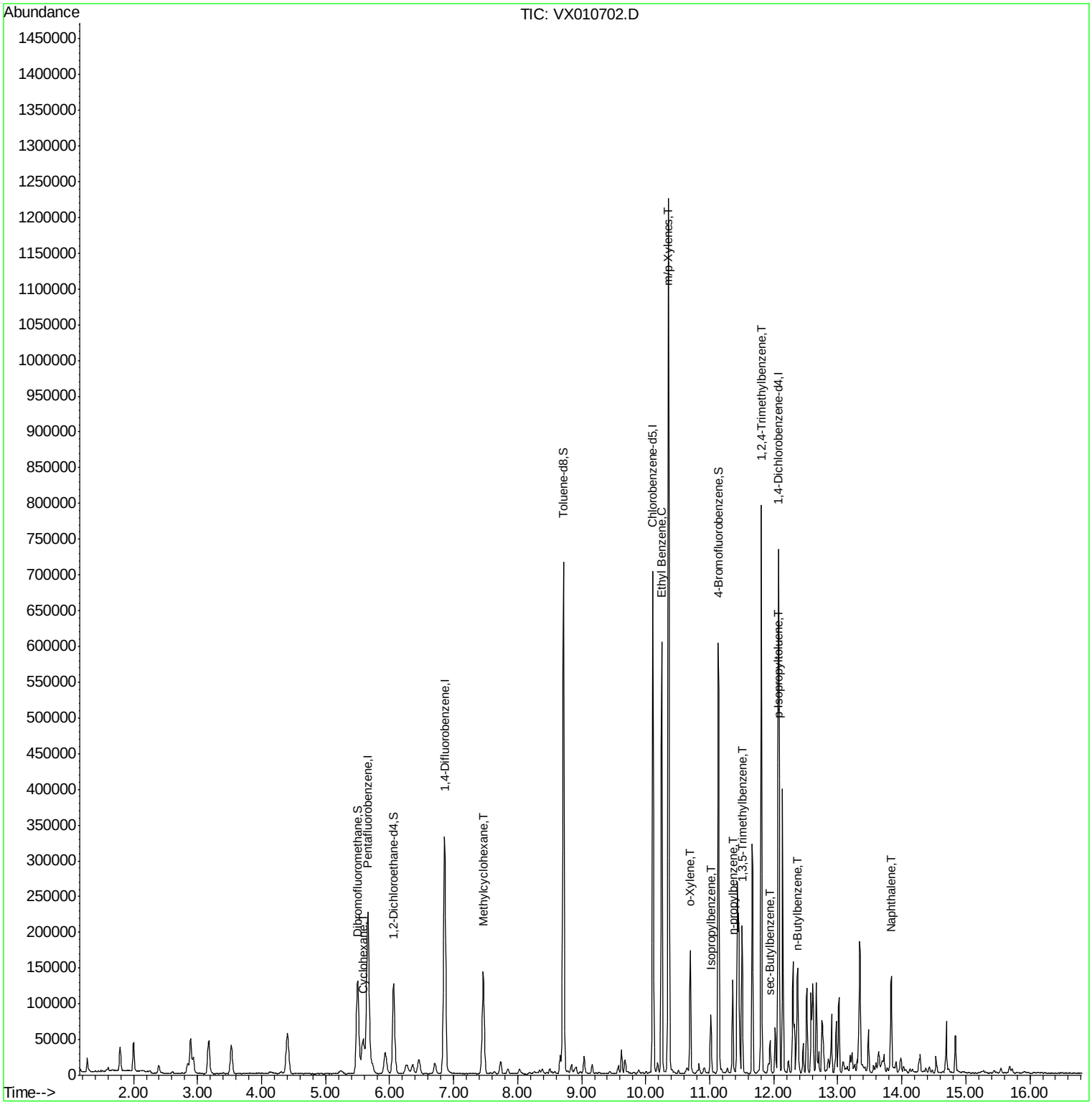
(#) = qualifier out of range (m) = manual integration (+) = signals summed

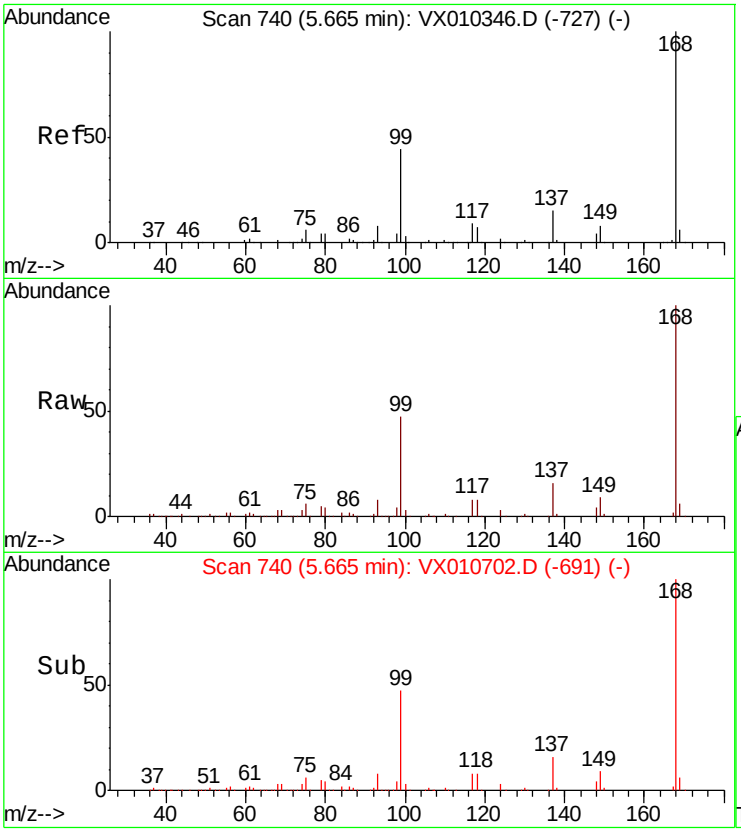
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010702.D
Acq On : 08 Jul 2019 17:46
Operator : JC/SP
Sample : K3664-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Quant Time: Jul 09 02:12:54 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



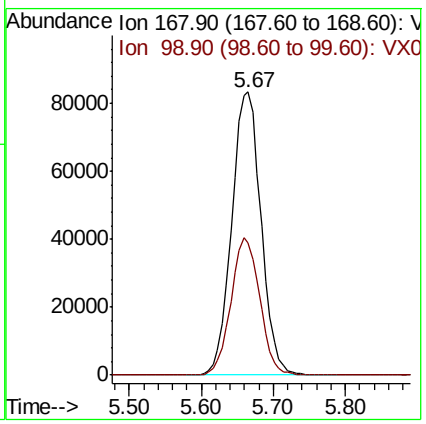


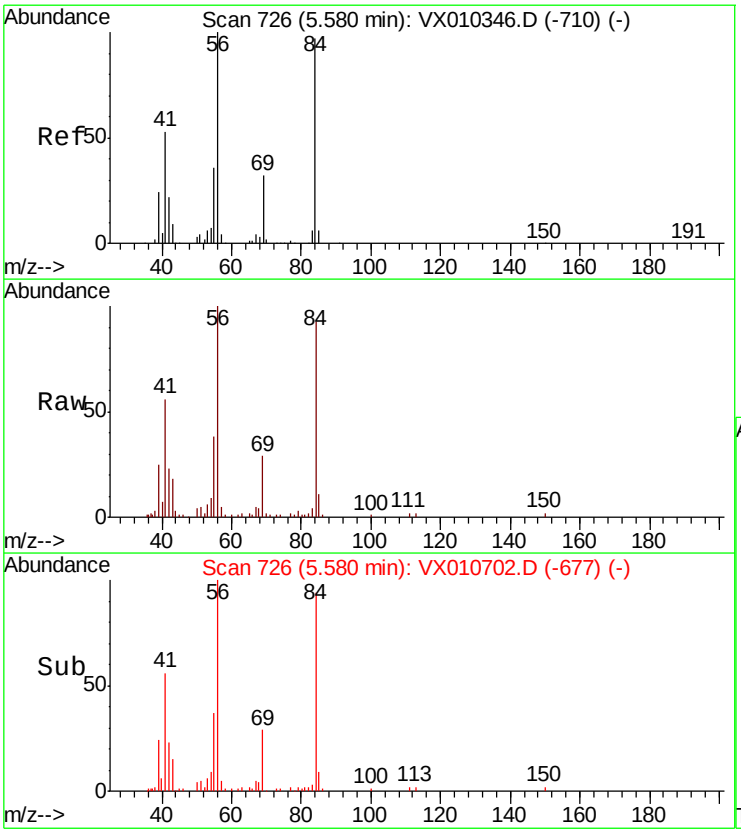
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:168 Resp: 234826

Ion	Ratio	Lower	Upper
168	100		
99	46.6	35.5	53.3

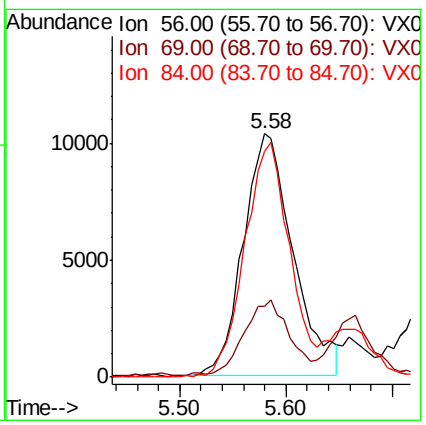


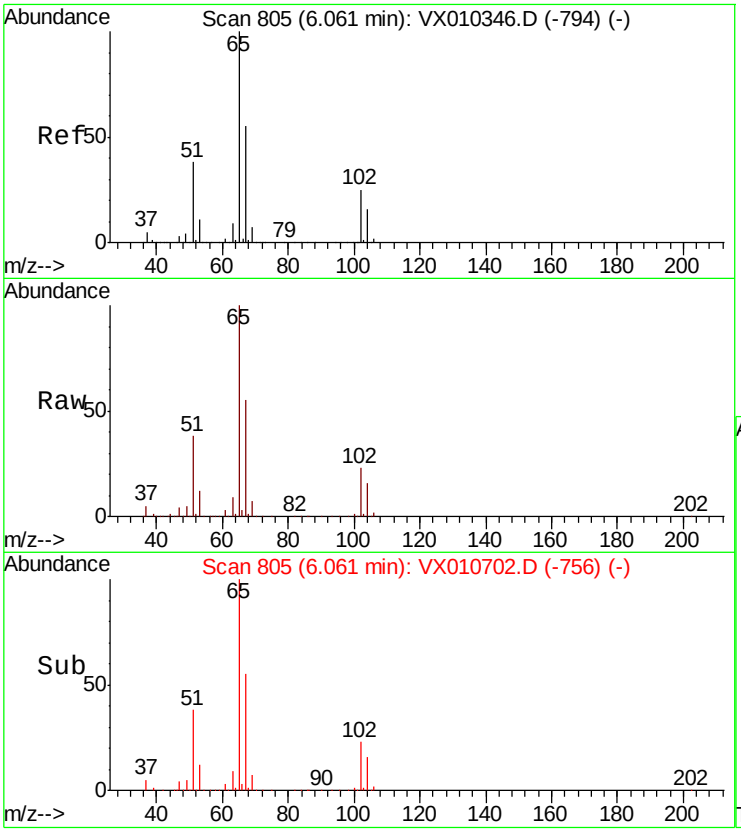


#31
Cyclohexane
Concen: 10.669 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 56 Resp: 33930

Ion	Ratio	Lower	Upper
56	100		
69	28.7	25.9	38.9
84	92.5	78.0	117.0



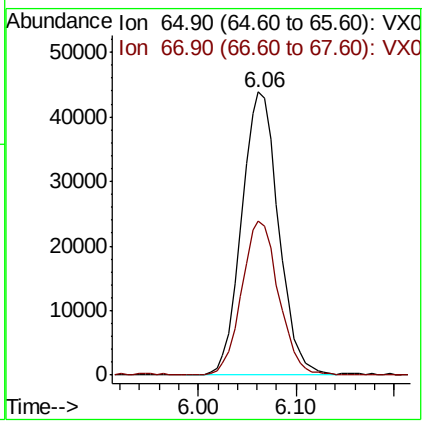


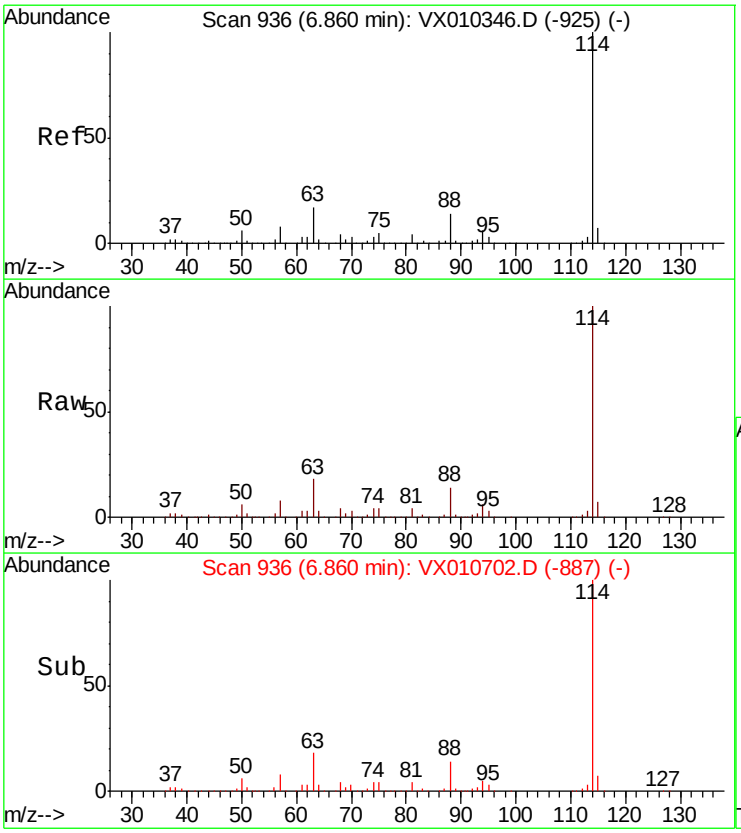
#33
1,2-Dichloroethane-d4
Concen: 52.083 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion: 65 Resp: 114673

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.2

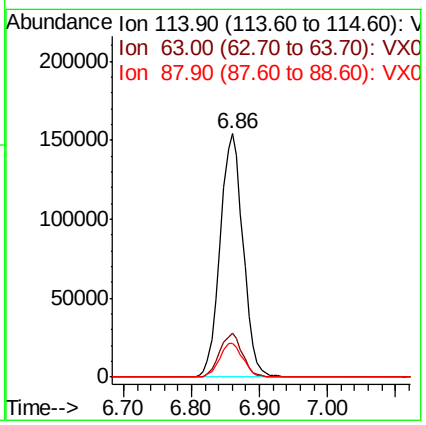


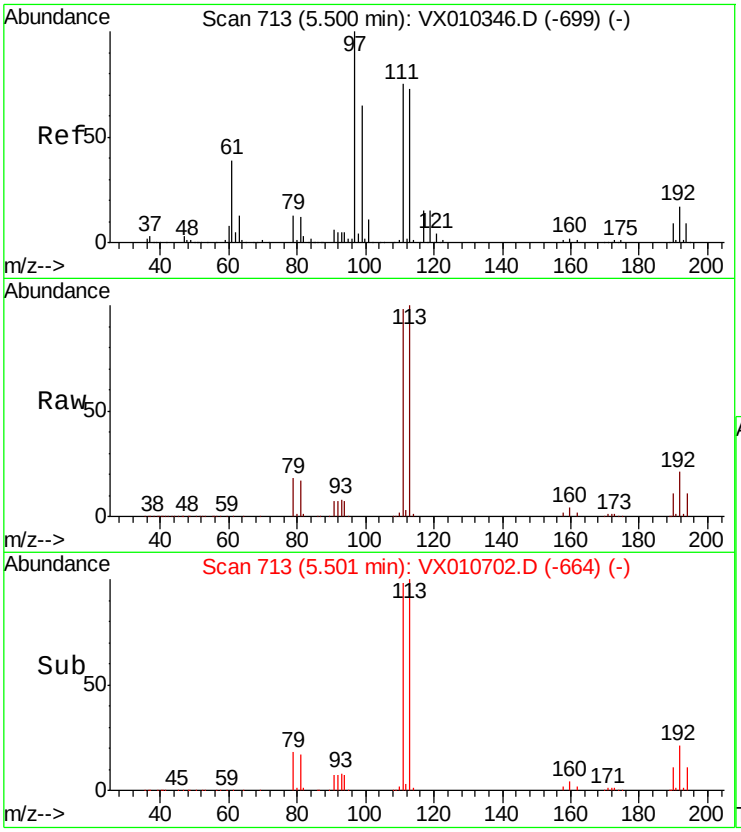


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion:114 Resp: 360573

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	33.8
88	13.6	0.0	27.6



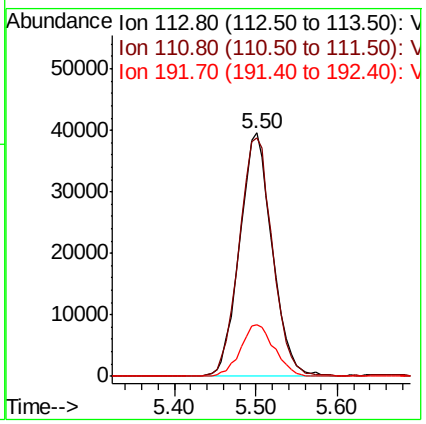


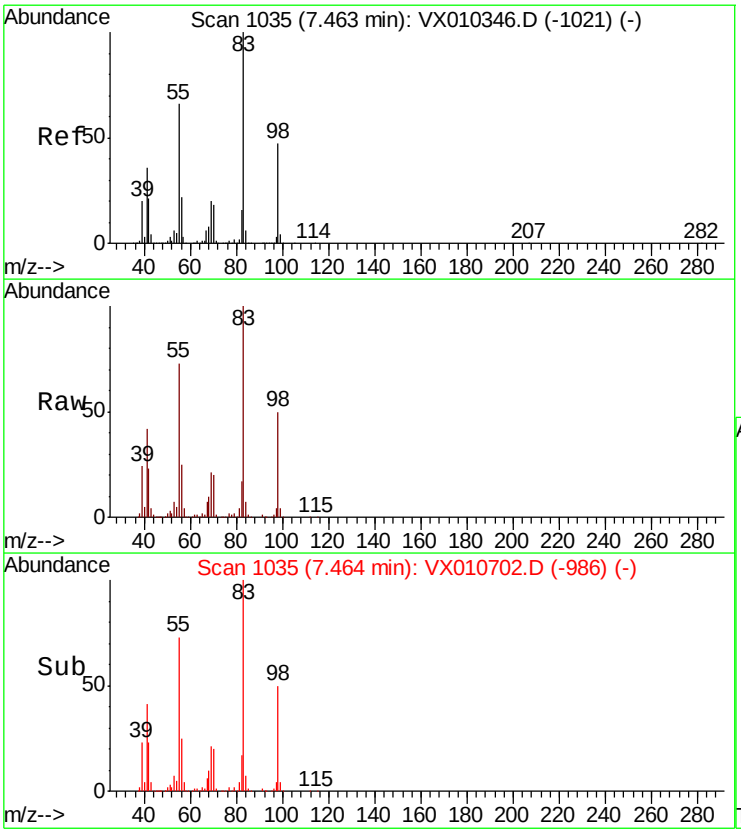
#35
Dibromofluoromethane
Concen: 49.799 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:113 Resp: 109862

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.2	121.8
192	22.0	18.6	27.8

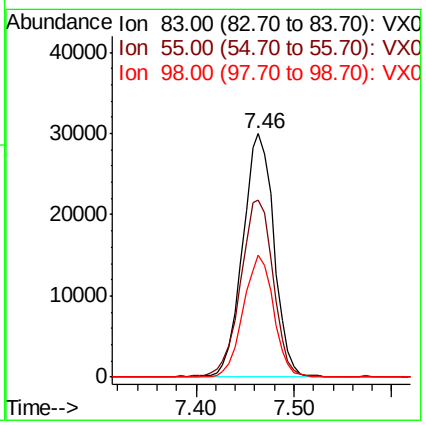


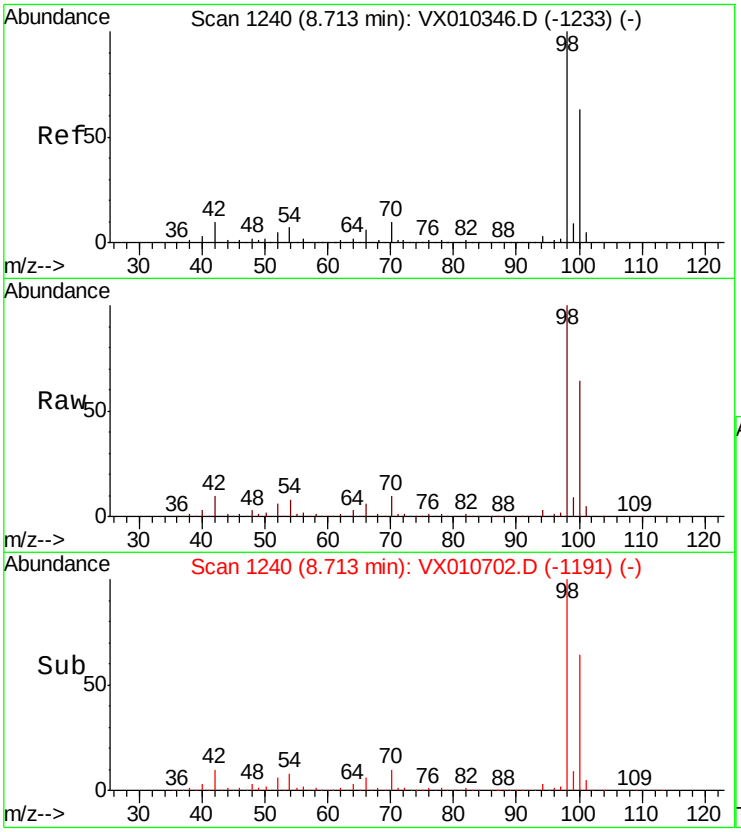


#39
Methylcyclohexane
Concen: 17.695 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 83 Resp: 66647

Ion	Ratio	Lower	Upper
83	100		
55	72.7	53.0	79.6
98	50.0	37.8	56.8



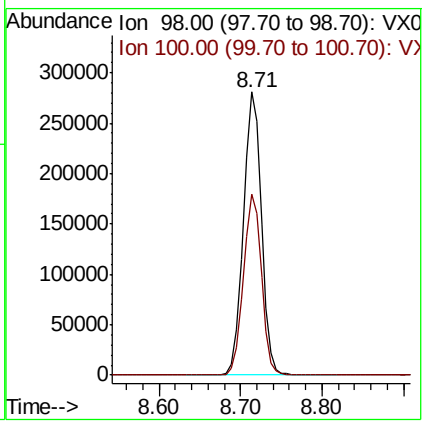


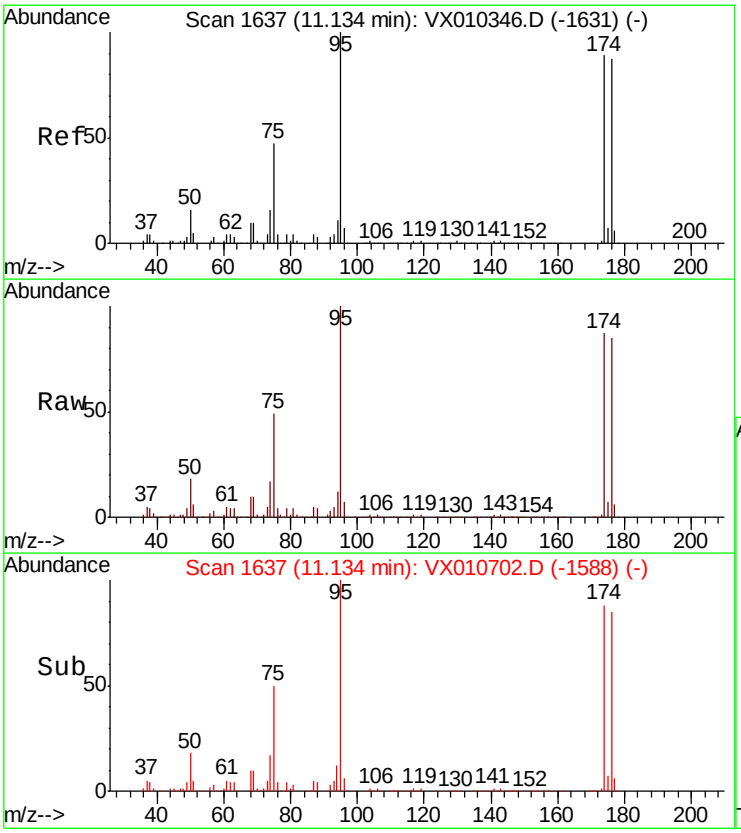
#50
Toluene-d8
Concen: 50.865 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion: 98 Resp: 429309

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4

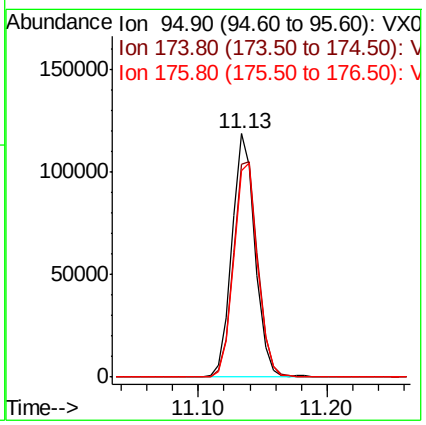


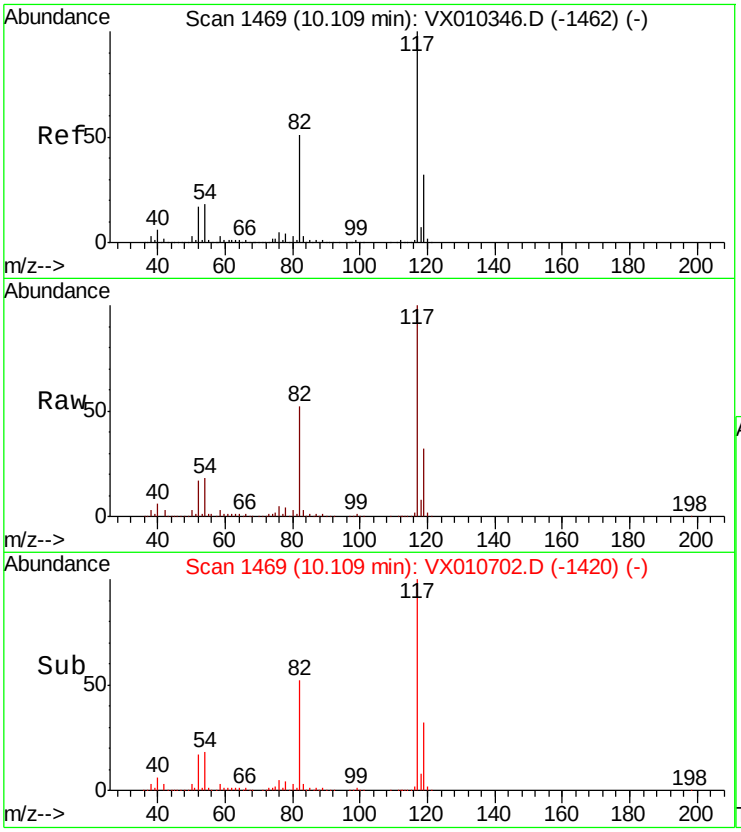


#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 95 Resp: 149110

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	187.6
176	90.7	0.0	184.0



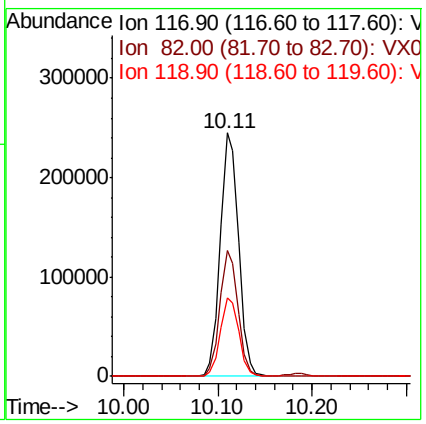


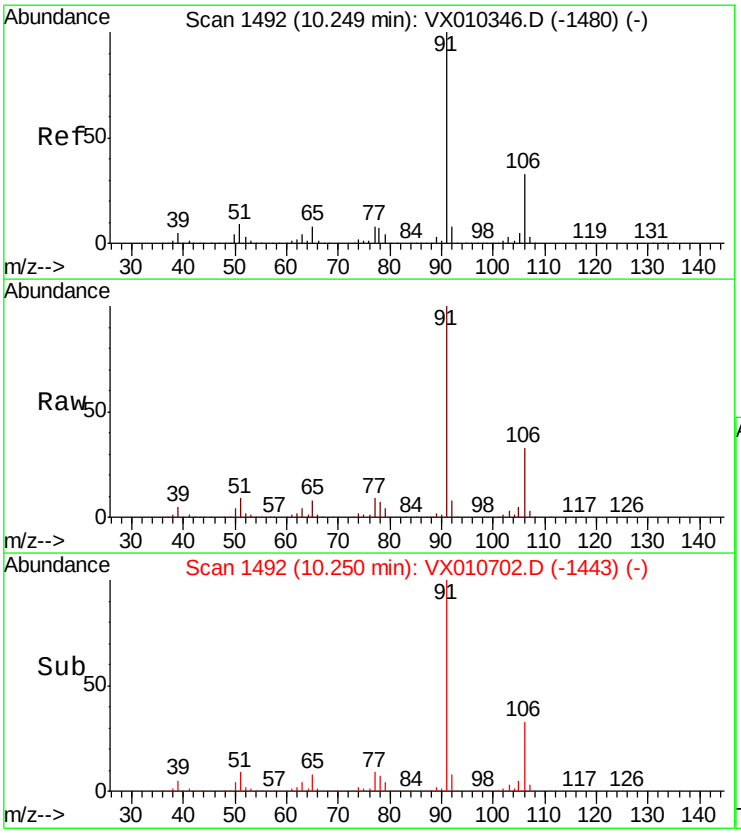
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument : MSVOA_X
ClientSampleId : FL-0588DL

Tgt Ion:117 Resp: 330199

Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.2	61.8
119	32.2	25.5	38.3

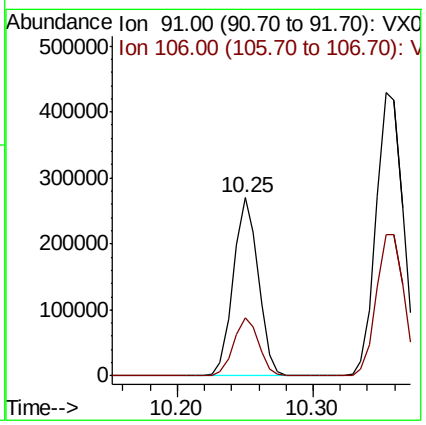


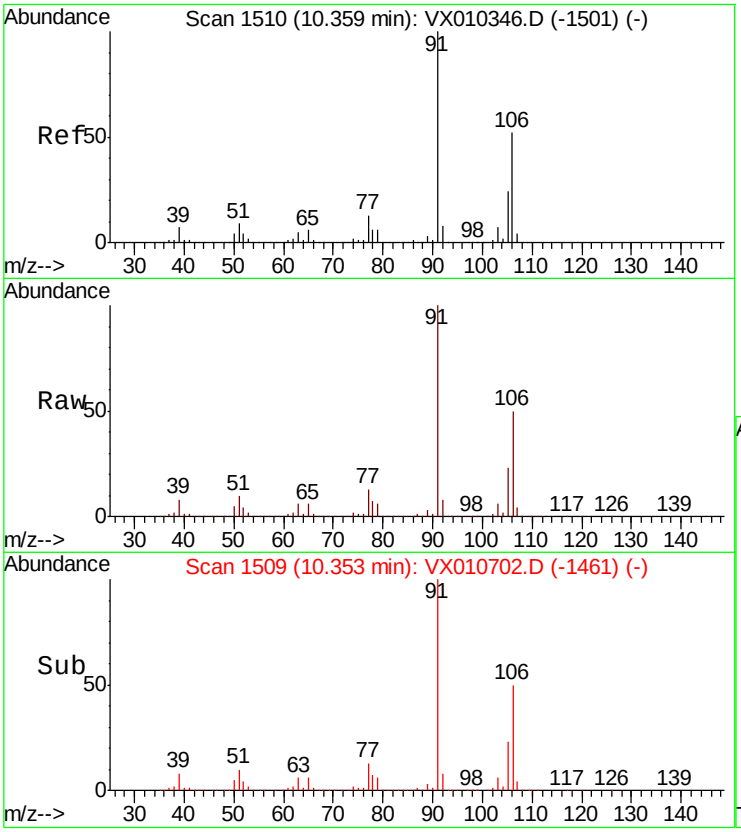


#67
Ethyl Benzene
Concen: 30.545 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 91 Resp: 345681

Ion	Ratio	Lower	Upper
91	100		
106	32.7	26.2	39.2



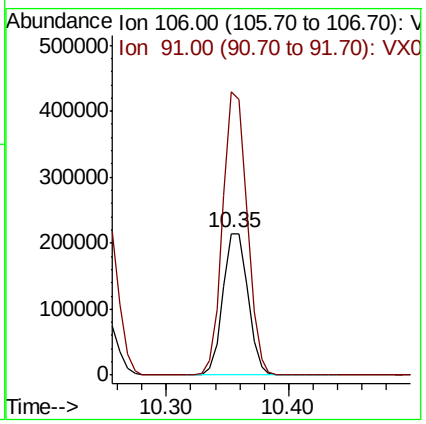


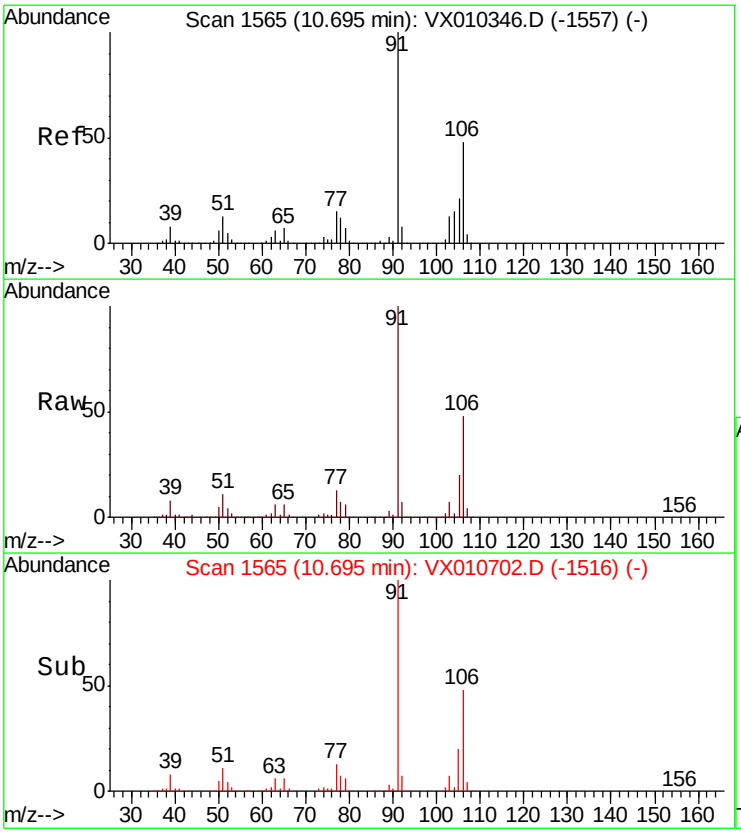
#68
m/p-Xylenes
Concen: 69.248 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:106 Resp: 303662

Ion	Ratio	Lower	Upper
106	100		
91	195.7	155.3	232.9

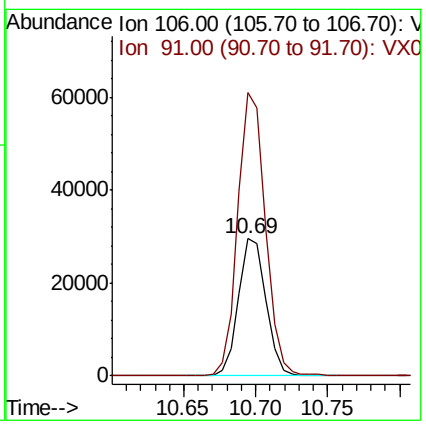


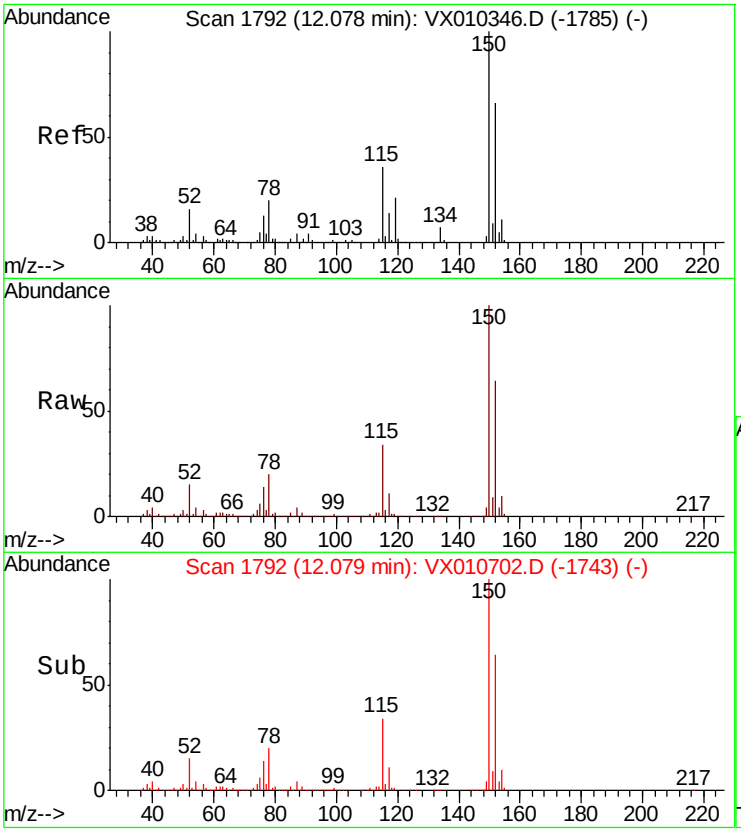


#69
o-Xylene
Concen: 9.149 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion:106 Resp: 39456

Ion	Ratio	Lower	Upper
106	100		
91	205.4	102.7	308.1



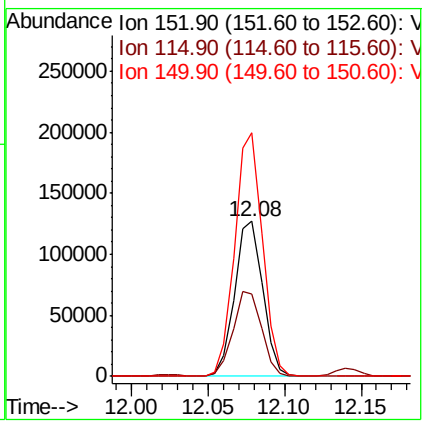


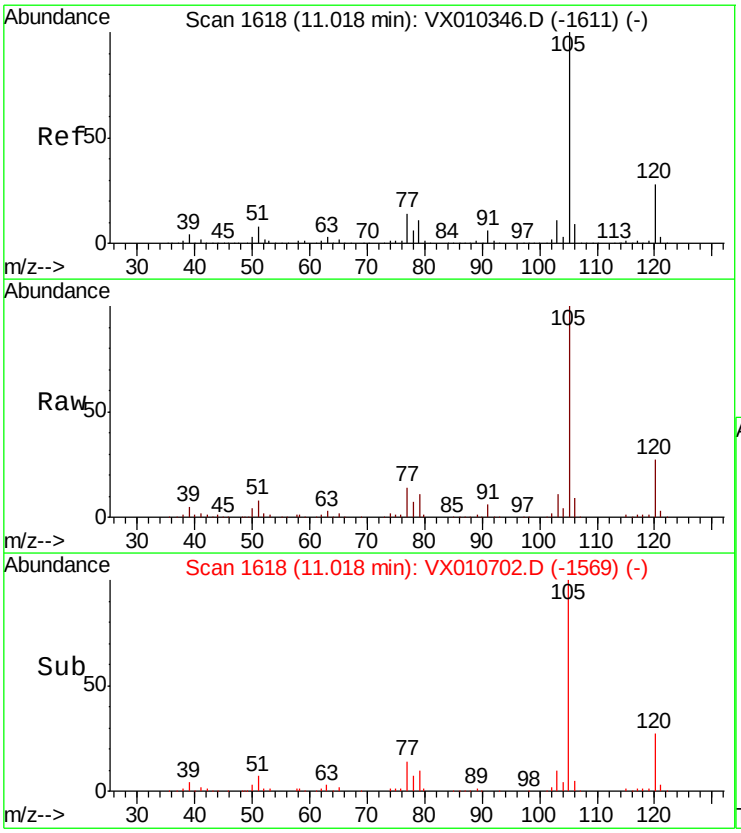
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument : MSVOA_X
ClientSampleId : FL-0588DL

Tgt Ion:152 Resp: 162002

Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.6	115.7
150	154.6	0.0	347.4

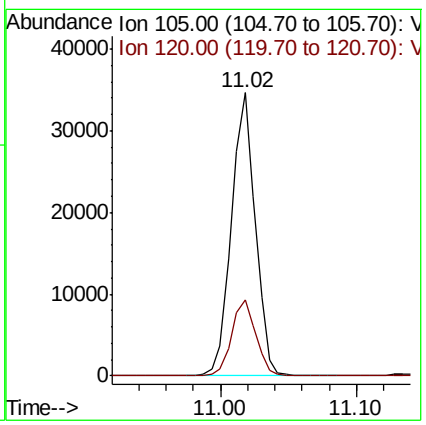


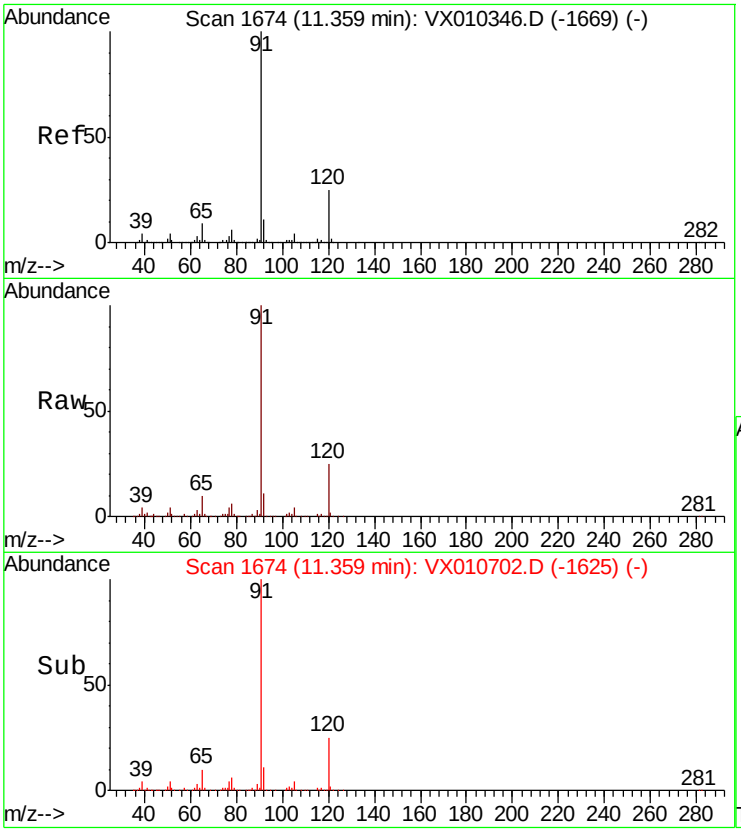


#73
Isopropylbenzene
Concen: 3.854 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion:105 Resp: 42323

Ion	Ratio	Lower	Upper
105	100		
120	27.3	14.1	42.4



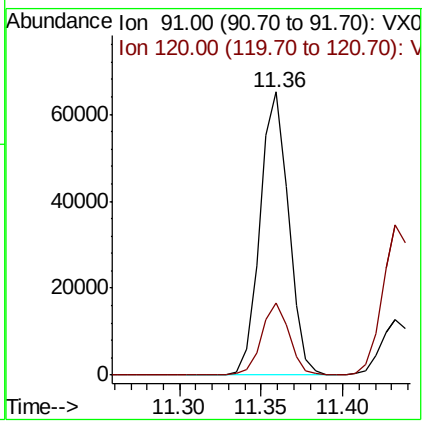


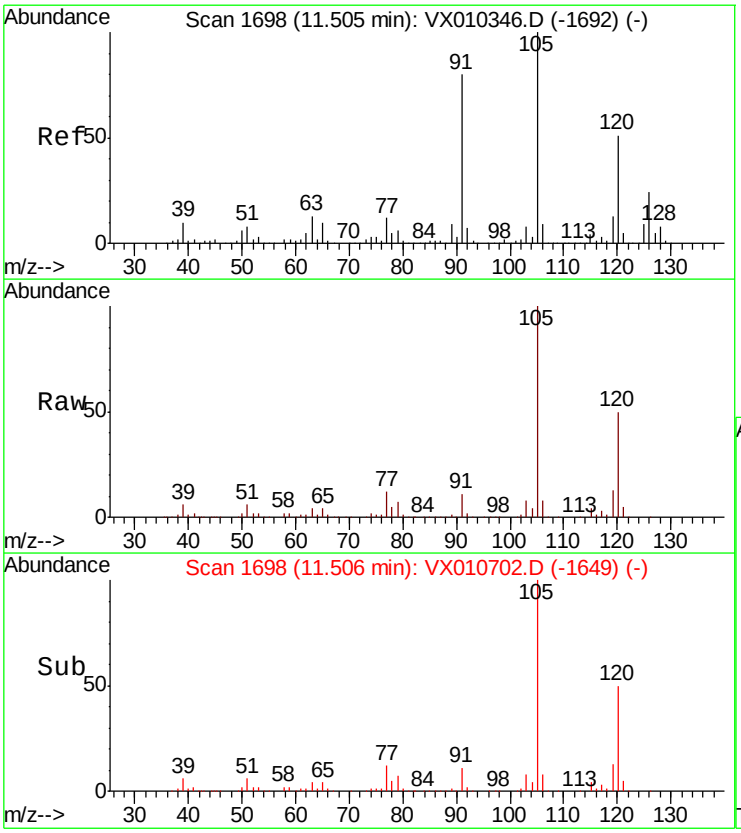
#78
n-propylbenzene
Concen: 6.559 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion: 91 Resp: 79158

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.4

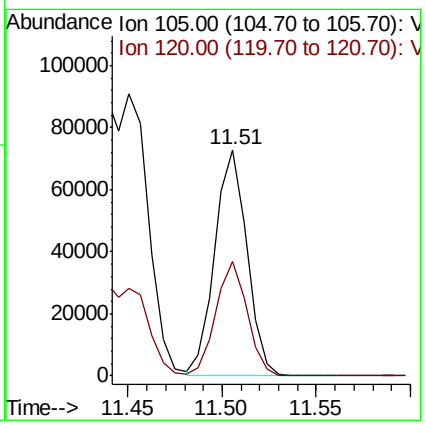


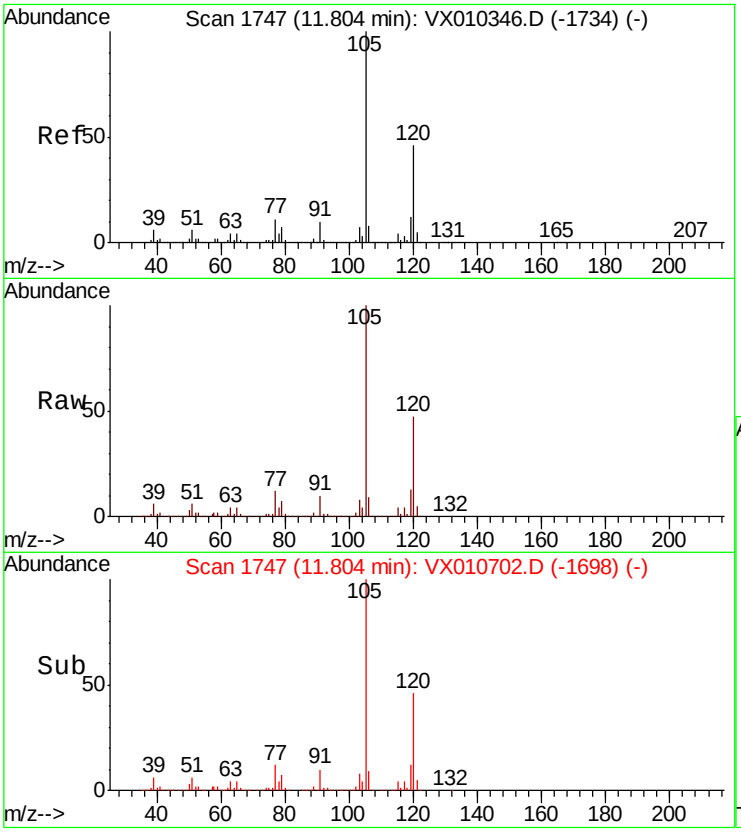


#80
1,3,5-Trimethylbenzene
Concen: 9.575 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion:105 Resp: 86681

Ion	Ratio	Lower	Upper
105	100		
120	49.3	25.2	75.6



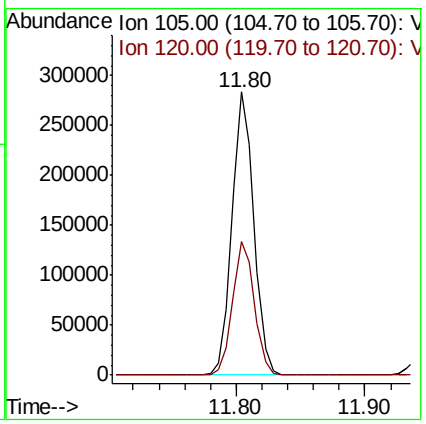


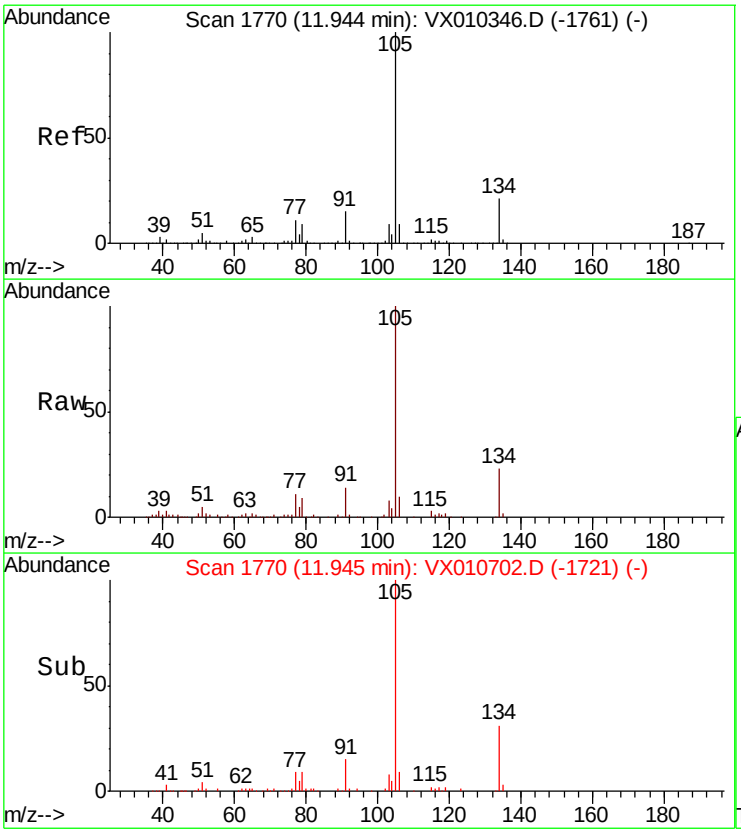
#84
1,2,4-Trimethylbenzene
Concen: 36.845 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:105 Resp: 335124

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.1	69.2

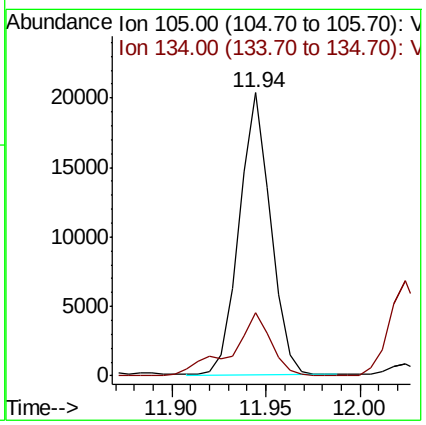


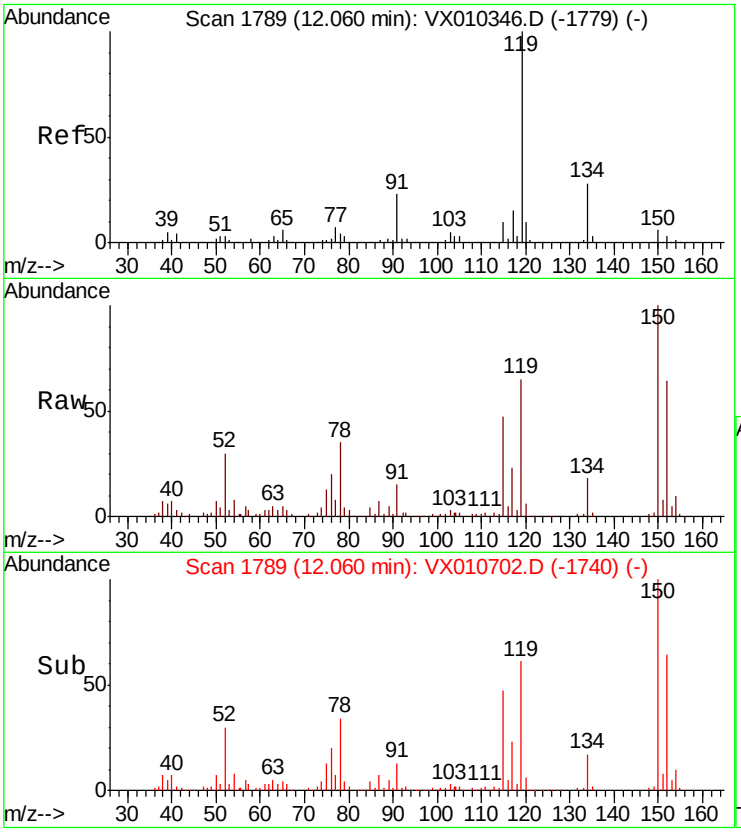


#85
sec-Butylbenzene
Concen: 2.188 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion:105 Resp: 23340

Ion	Ratio	Lower	Upper
105	100		
134	28.8	10.7	31.9



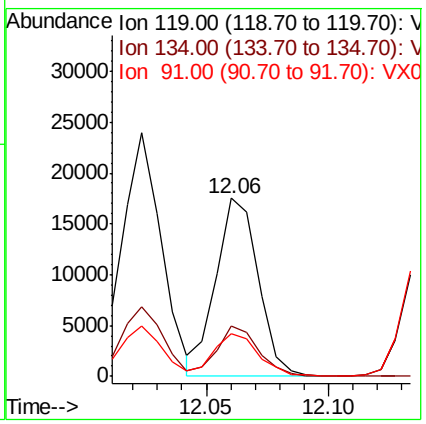


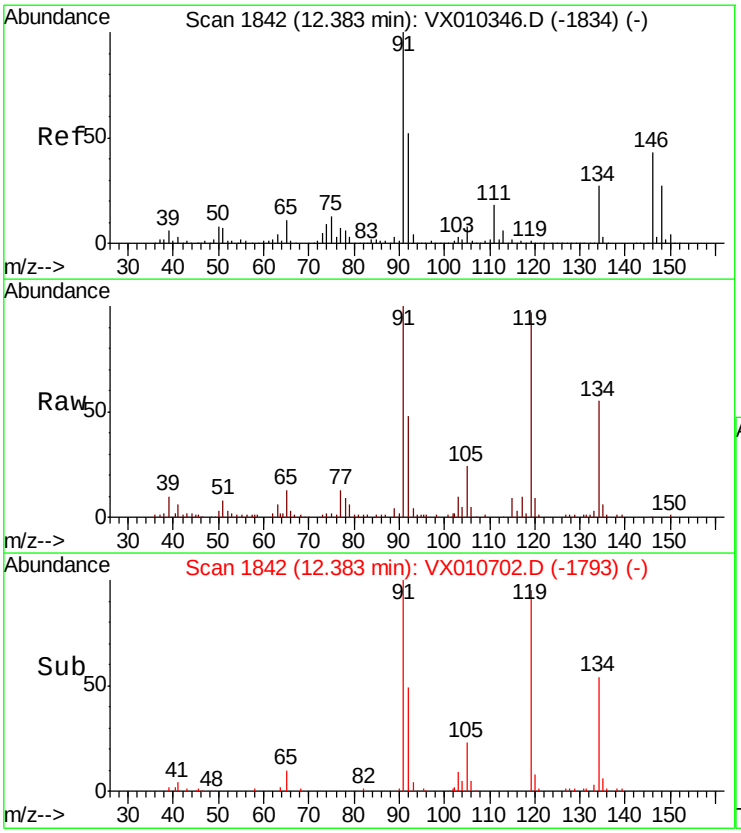
#86
p-Isopropyltoluene
Concen: 2.128 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:119 Resp: 20999

Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.7	41.1
91	25.6	11.3	33.8

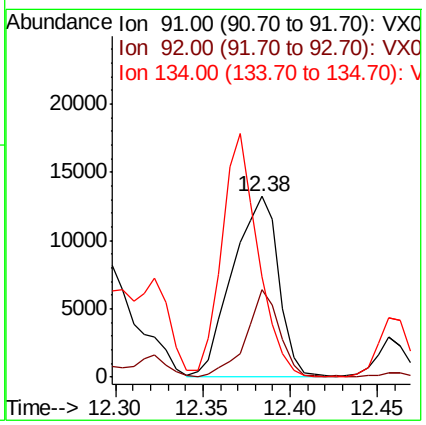


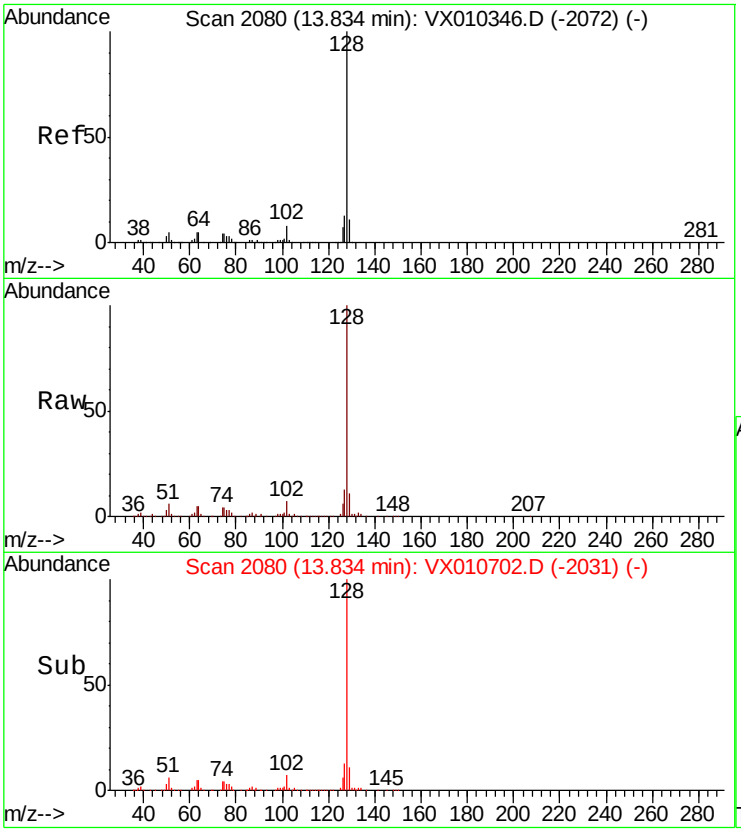


#89
n-Butylbenzene
Concen: 2.851 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Tgt Ion: 91 Resp: 23906

Ion	Ratio	Lower	Upper
91	100		
92	35.9	26.2	78.5
134	107.2	14.1	42.4#





#95
Naphthalene
Concen: 7.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010702.D
Acq: 08 Jul 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
FL-0588DL

Tgt Ion:128 Resp: 84940

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.6	8.9	13.3