Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021219\
Data File : VX007488.D
Acq On : 12 Feb 2019 15:03
Operator : JC/SP
Sample : K1433-12DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0503-190207DL

Quant Time: Feb 13 12:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	473822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	739162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	356475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	253783	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
35) Dibromofluoromethane	5.50	113	236000	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.14%			
50) Toluene-d8	8.71	98	877449	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.34%			
62) 4-Bromofluorobenzene	11.13	95	317214	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.10	59	15913	15.289	ug/l #	73
19) Methyl tert-butyl Ether	3.21	73	481280	32.837	ug/l	98
31) Cyclohexane	5.57	56	37973	5.430	ug/l	95
39) Methylcyclohexane	7.46	83	20187	2.516	ug/l	90
40) Benzene	6.14	78	658998	33.732	ug/l	98
67) Ethyl Benzene	10.25	91	2328582	97.239	ug/l	99
68) m/p-Xylenes	10.36	106	67413	7.082	ug/l	96
69) o-Xylene	10.69	106	74931	8.180	ug/l	97
73) Isopropylbenzene	11.02	105	285437	11.783	ug/l	99
78) n-propylbenzene	11.36	91	341769	12.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	32543	1.642	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	78856	3.919	ug/l	99
95) Naphthalene	13.83	128	747874	31.108	ug/l	100

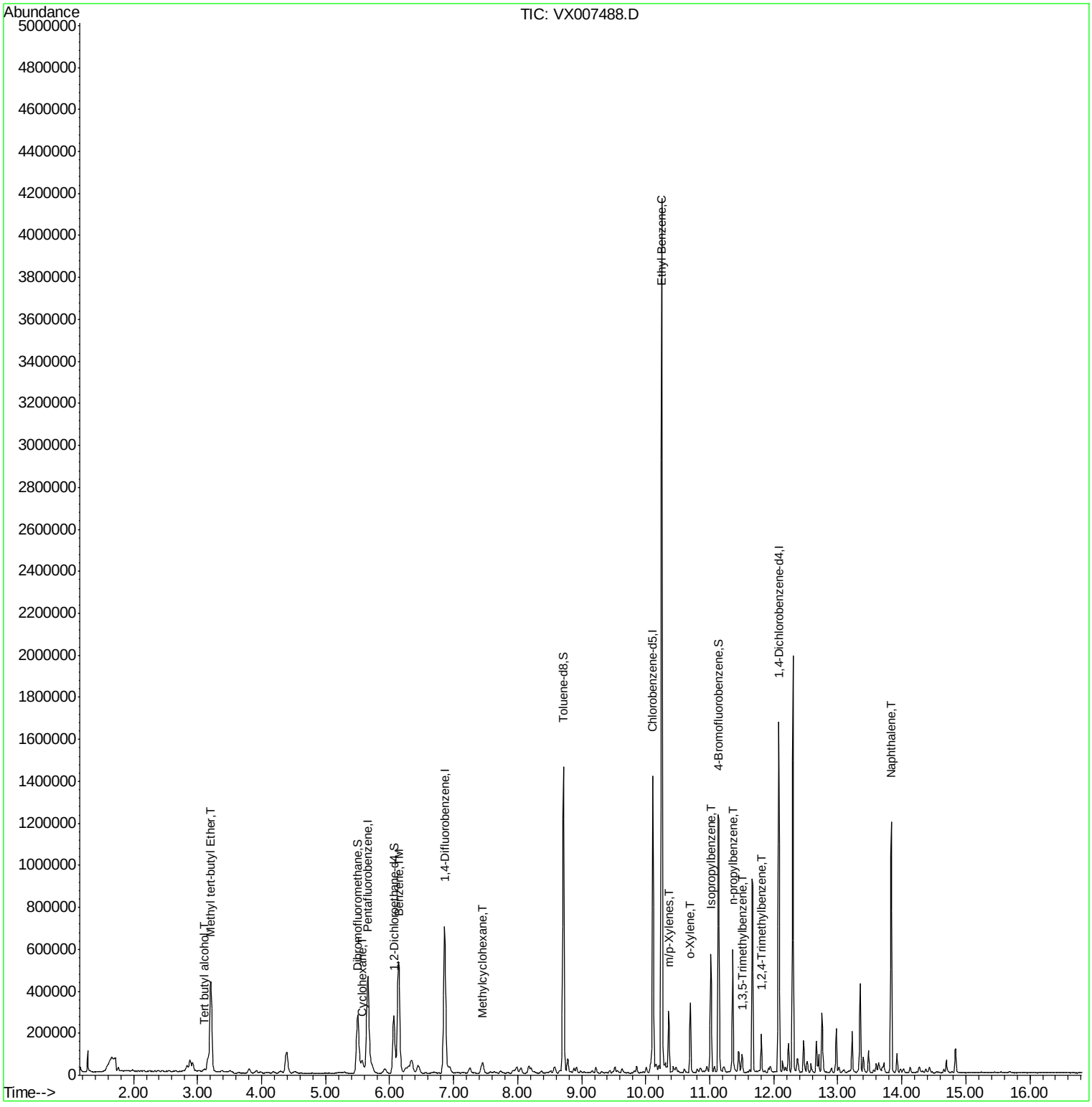
(#) = qualifier out of range (m) = manual integration (+) = signals summed

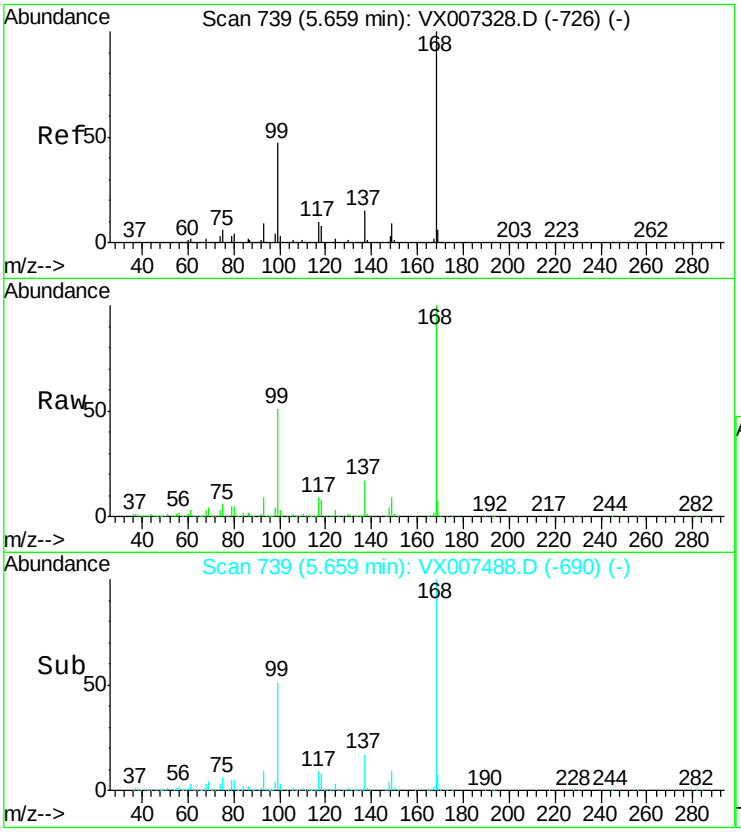
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
Data File : VX007488.D
Acq On : 12 Feb 2019 15:03
Operator : JC/SP
Sample : K1433-12DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Quant Time: Feb 13 12:11:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



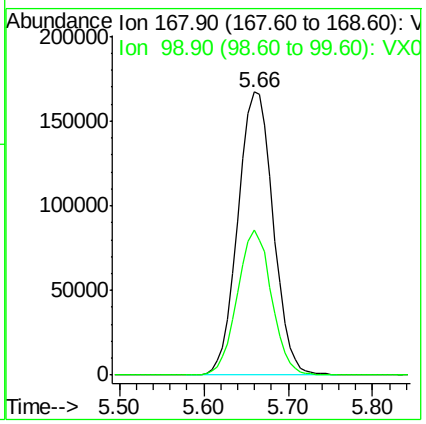


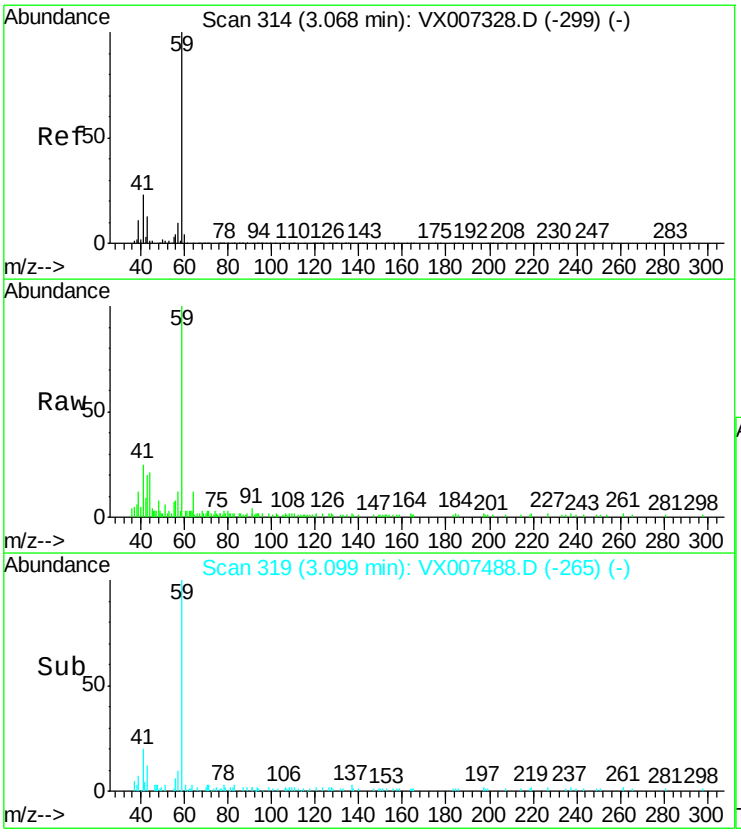
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion:168 Resp: 473822

Ion	Ratio	Lower	Upper
168	100		
99	51.5	37.9	56.9

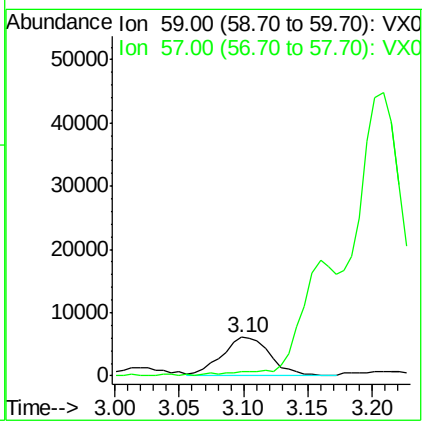


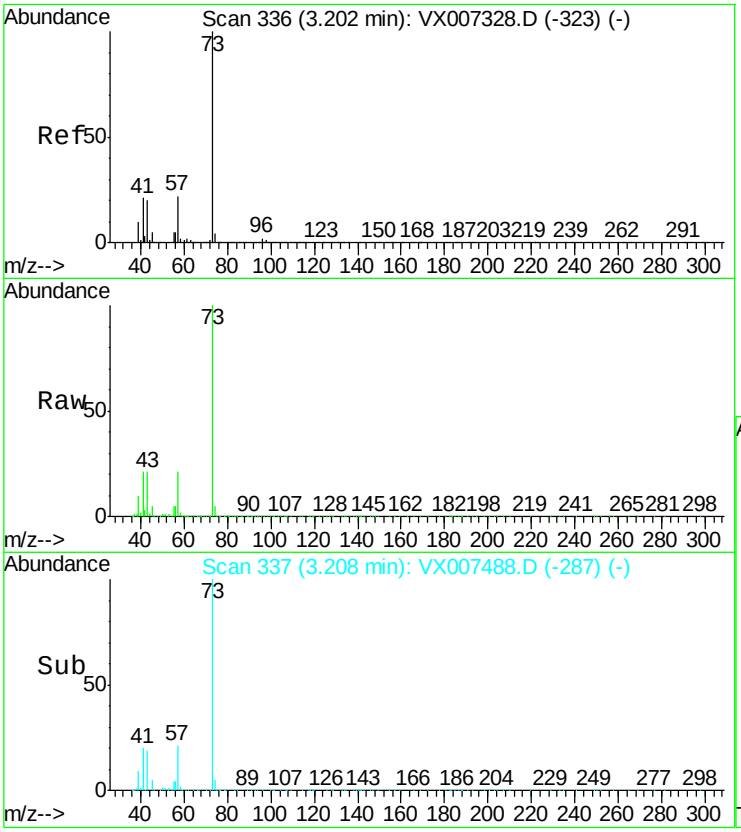


#11
Tert butyl alcohol
Concen: 15.289 ug/l
RT: 3.10 min Scan# 319
Delta R.T. 0.03 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion: 59 Resp: 15913

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



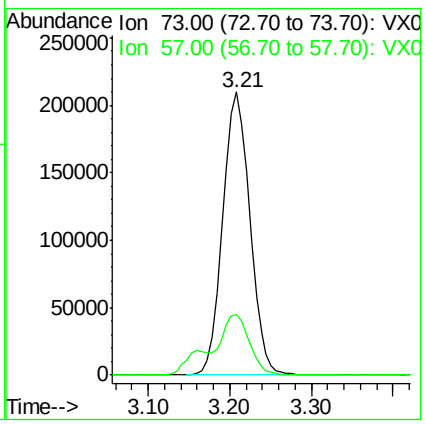


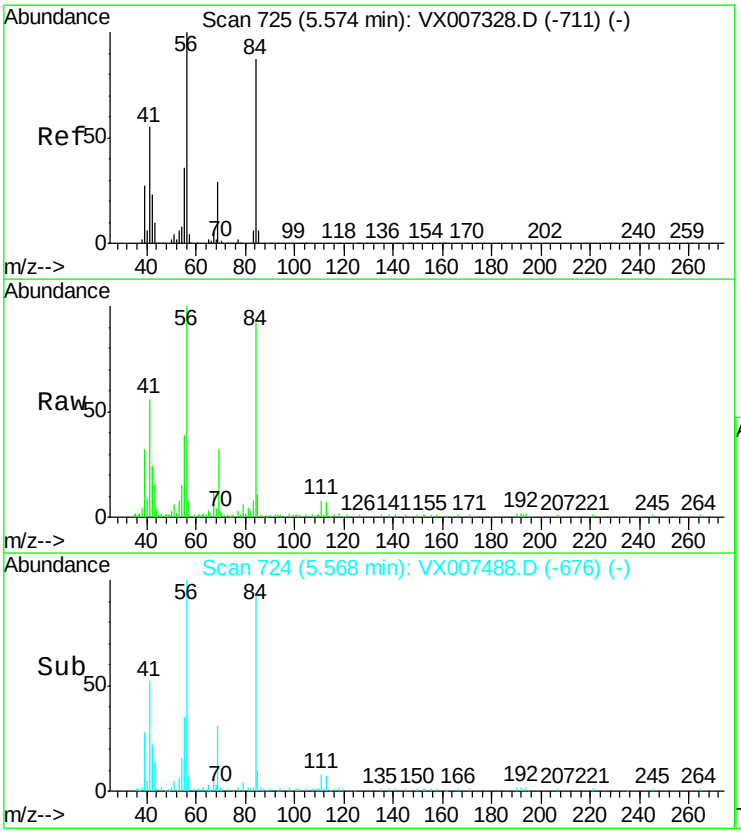
#19
Methyl tert-butyl Ether
Concen: 32.837 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion: 73 Resp: 481280

Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.8

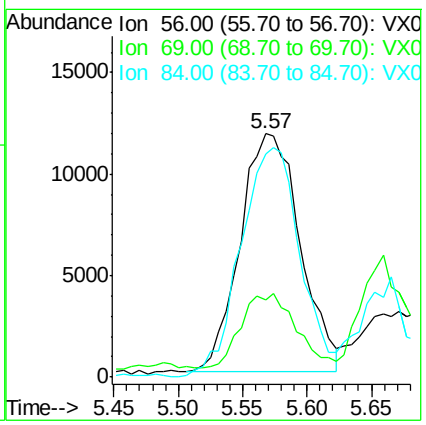


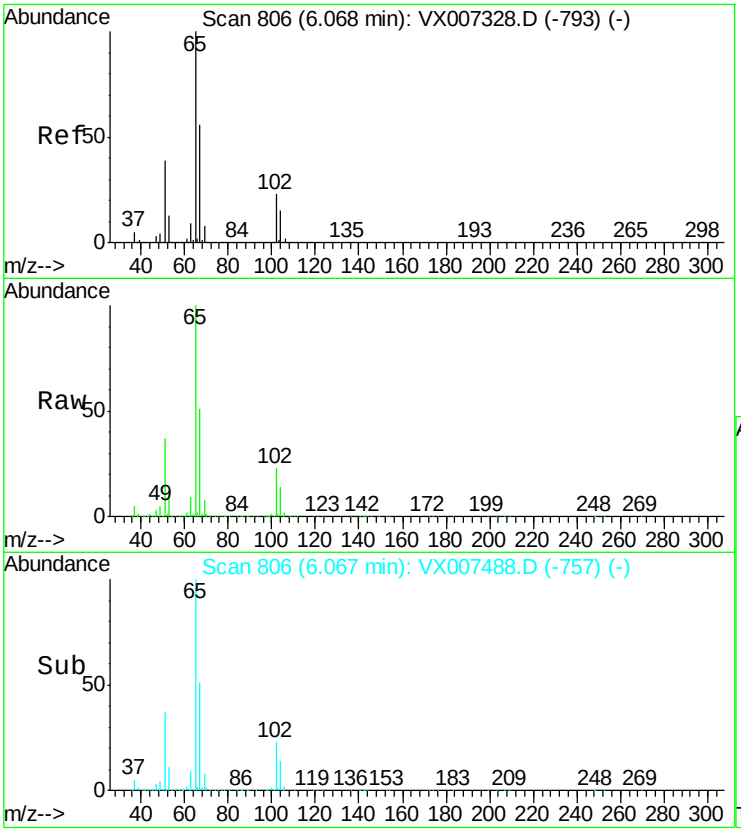


#31
Cyclohexane
Concen: 5.430 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion: 56 Resp: 37973

Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.0	34.6
84	93.0	69.8	104.6



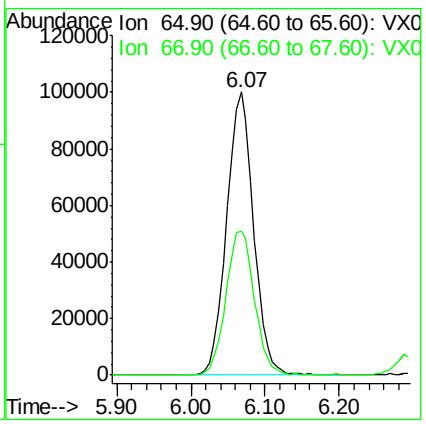


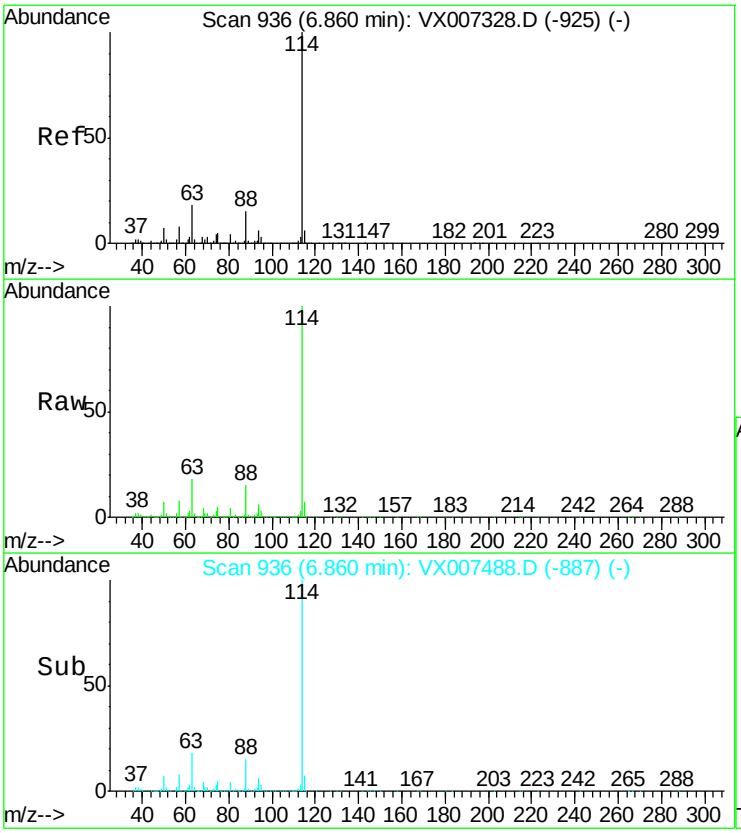
#33
1,2-Dichloroethane-d4
Concen: 50.461 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument : MSVOA_X
ClientSampleId : DUP-0503-190207DL

Tgt Ion: 65 Resp: 253783

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.8

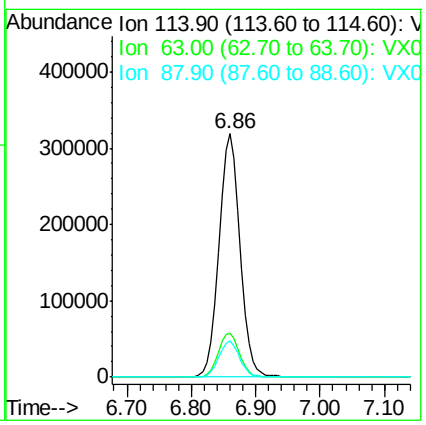


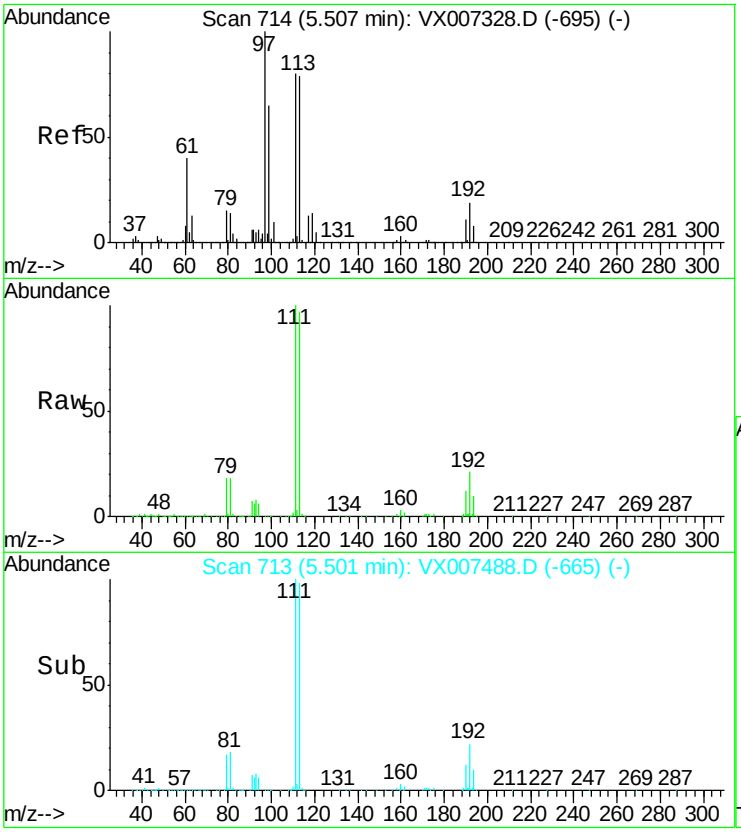


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion:114 Resp: 739162

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.9	0.0	29.6



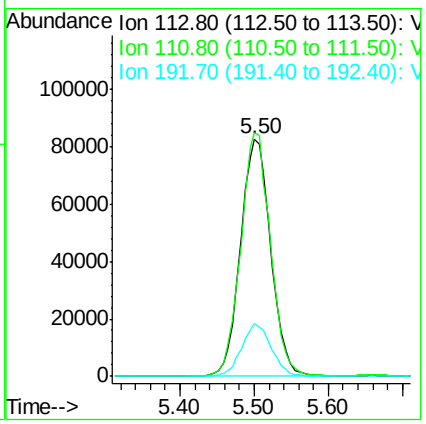


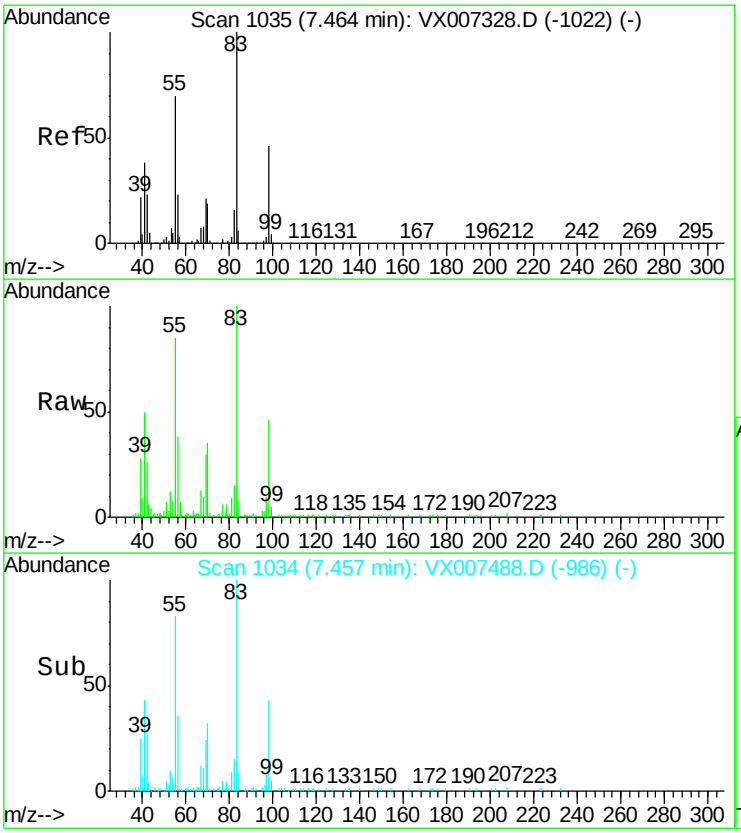
#35
Dibromofluoromethane
Concen: 49.070 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion:113 Resp: 236000

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.8
192	21.9	18.5	27.7

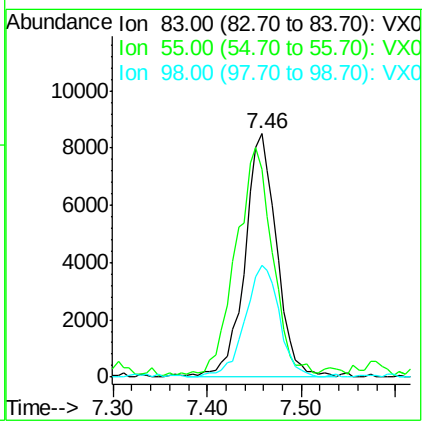


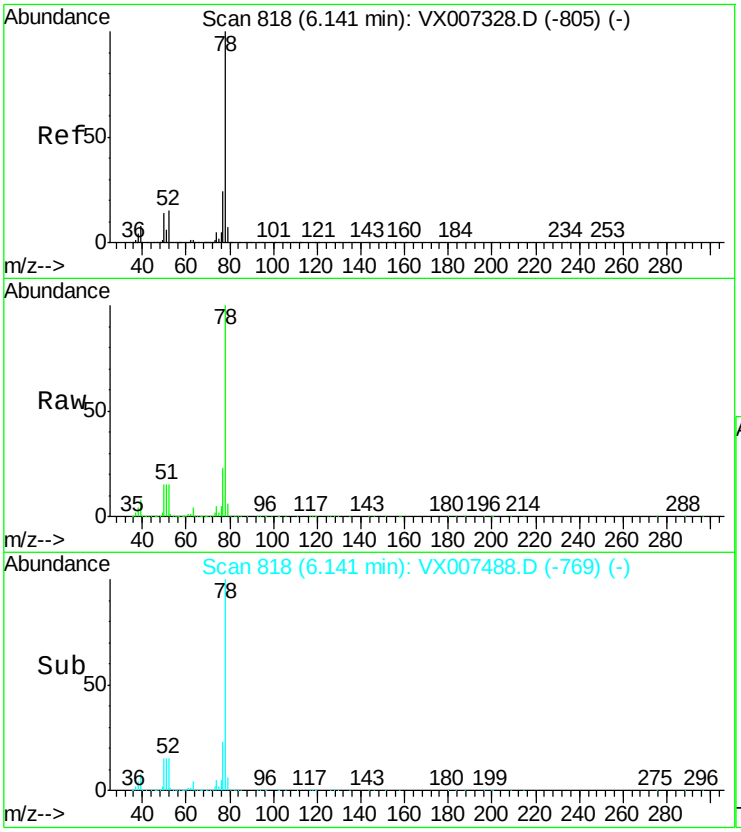


#39
Methylcyclohexane
Concen: 2.516 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion: 83 Resp: 20187

Ion	Ratio	Lower	Upper
83	100		
55	84.2	56.2	84.2
98	45.8	36.8	55.2



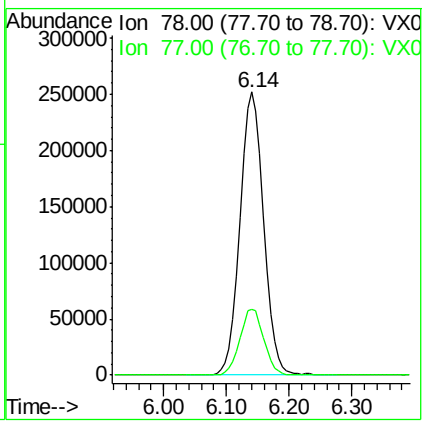


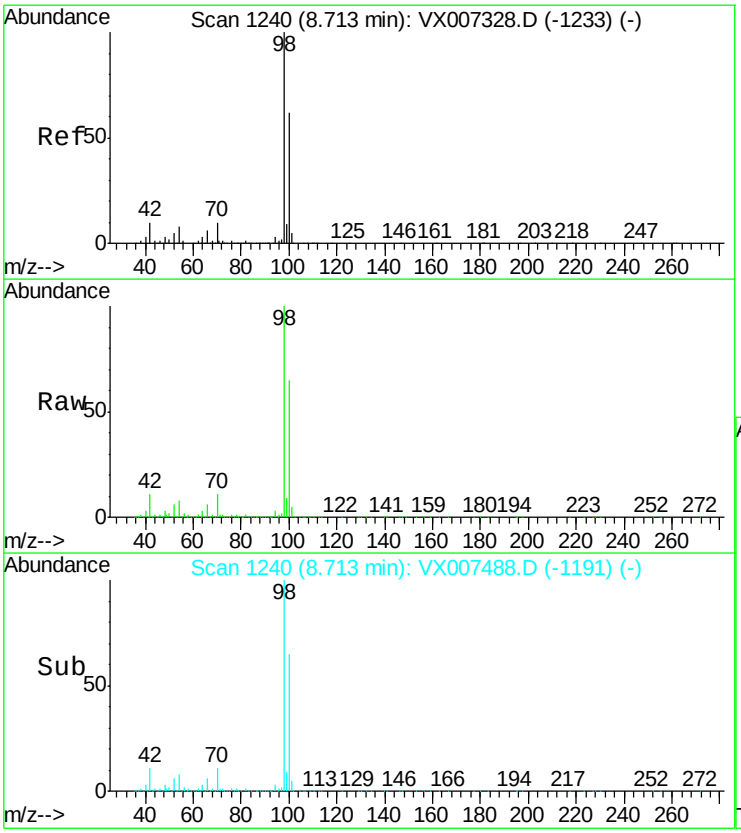
#40
Benzene
Concen: 33.732 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion: 78 Resp: 658998

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

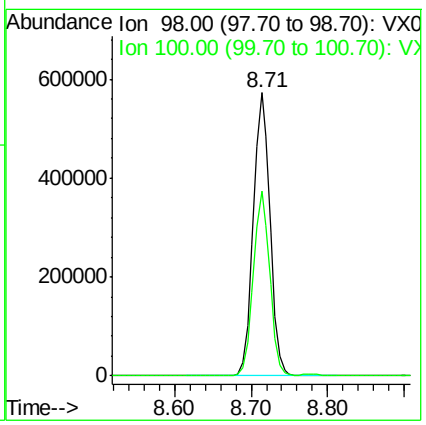


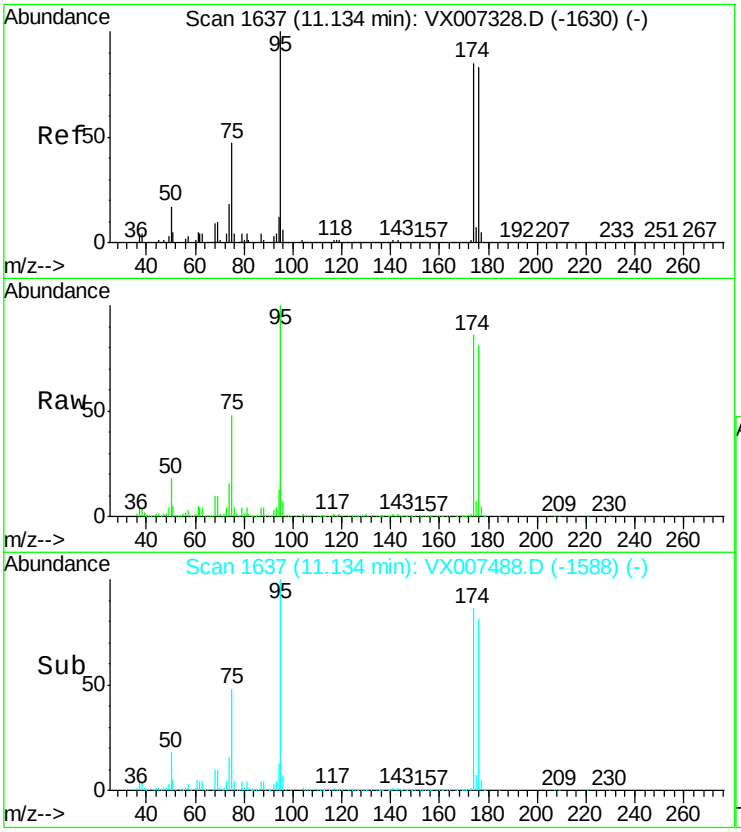


#50
Toluene-d8
Concen: 49.174 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion: 98 Resp: 877449

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



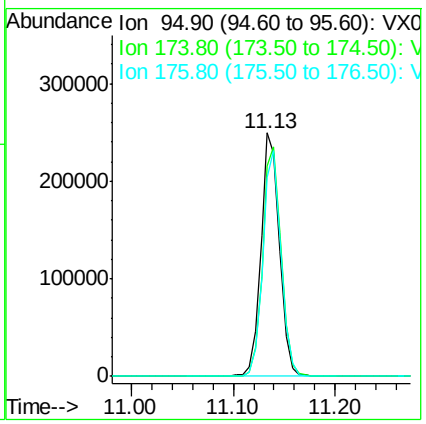


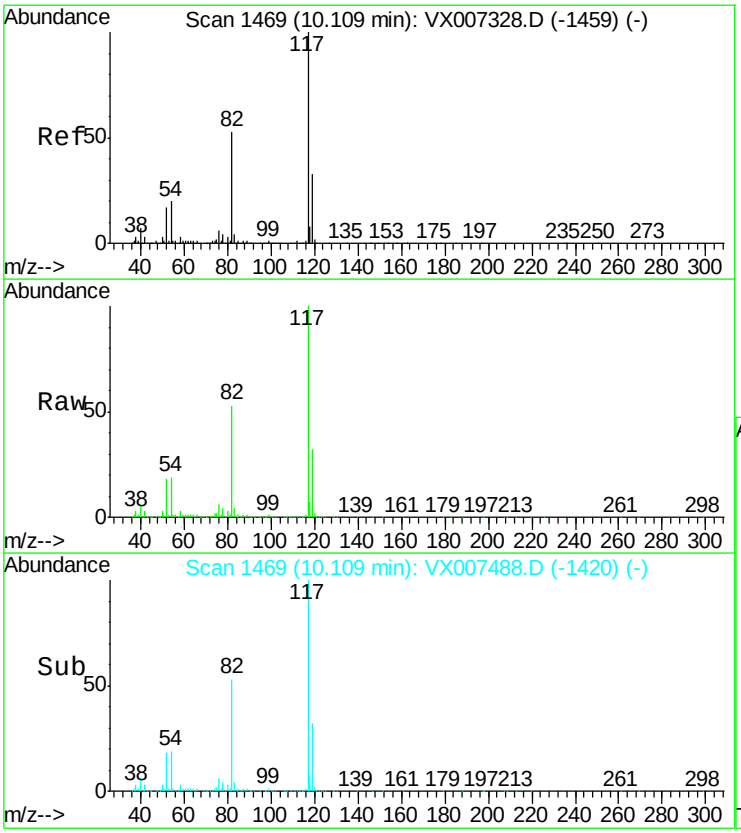
#62
4-Bromofluorobenzene
Concen: 48.691 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion: 95 Resp: 317214

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	189.2
176	90.1	0.0	186.2

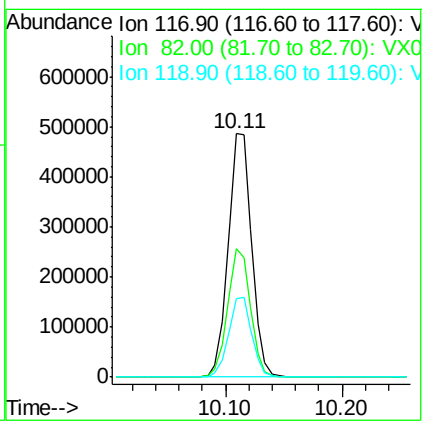


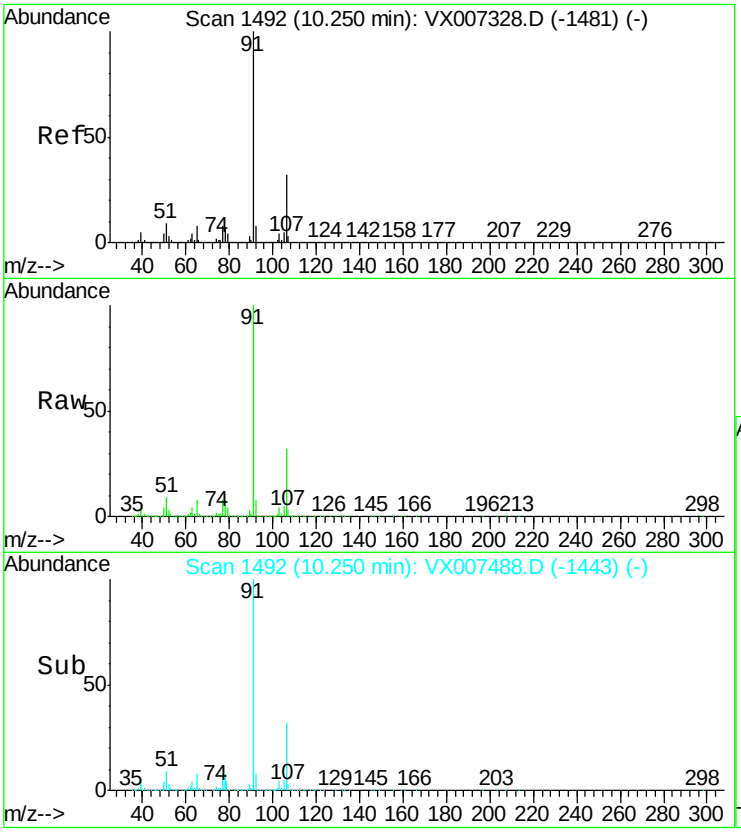


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion:117 Resp: 681443

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.1	63.1
119	32.0	26.5	39.7



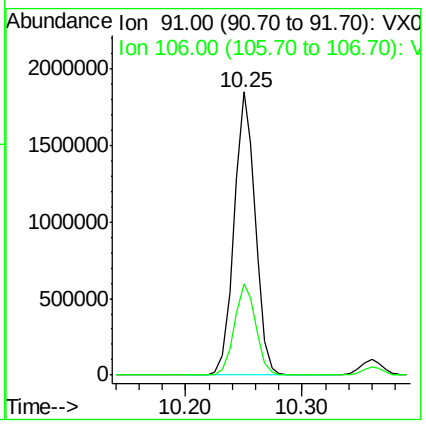


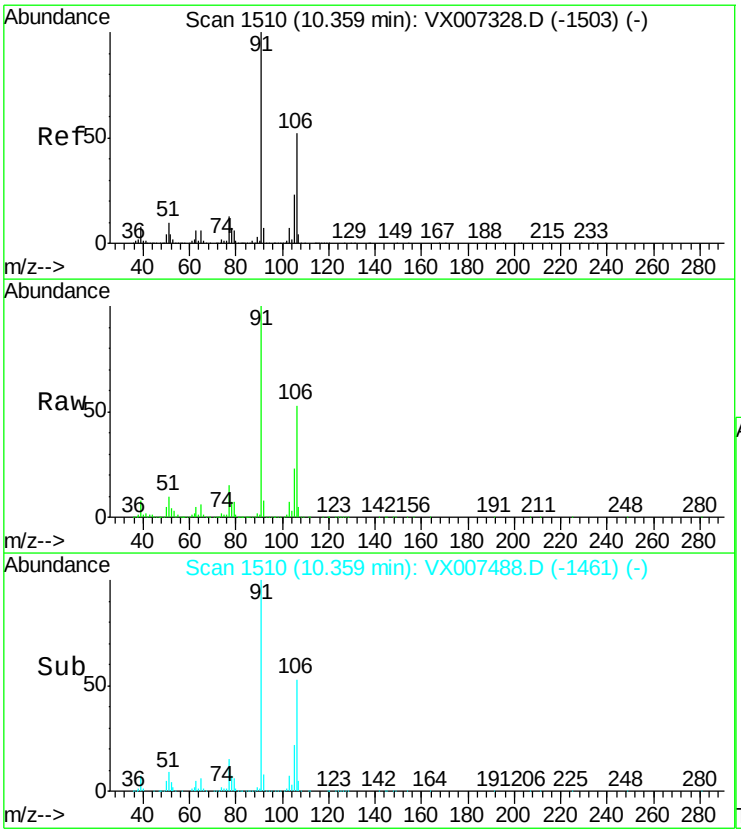
#67
Ethyl Benzene
Concen: 97.239 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion: 91 Resp: 2328582

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.4	38.0

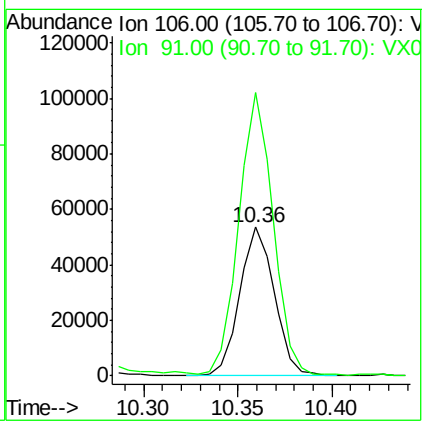


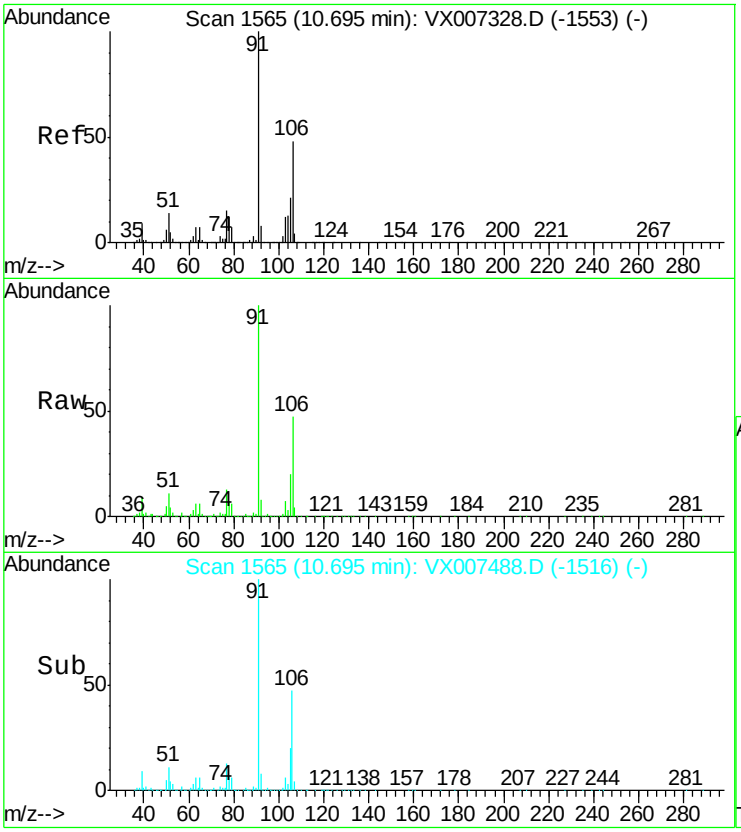


#68
m/p-Xylenes
Concen: 7.082 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion:106 Resp: 67413

Ion	Ratio	Lower	Upper
106	100		
91	189.9	156.6	234.8



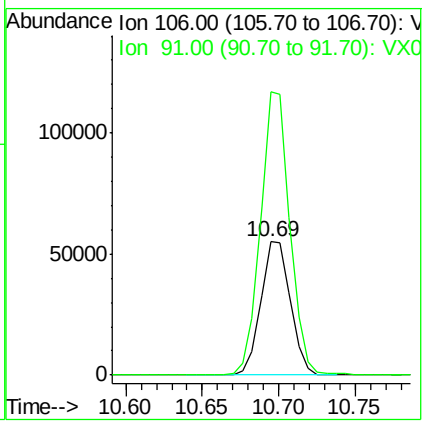


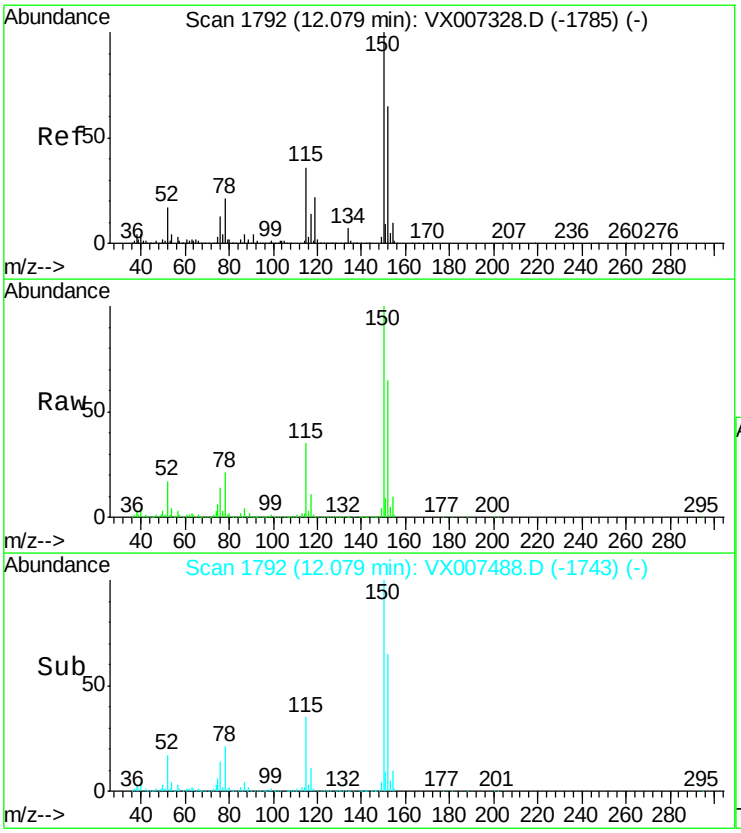
#69
o-Xylene
Concen: 8.180 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion:106 Resp: 74931

Ion	Ratio	Lower	Upper
106	100		
91	209.7	102.9	308.7

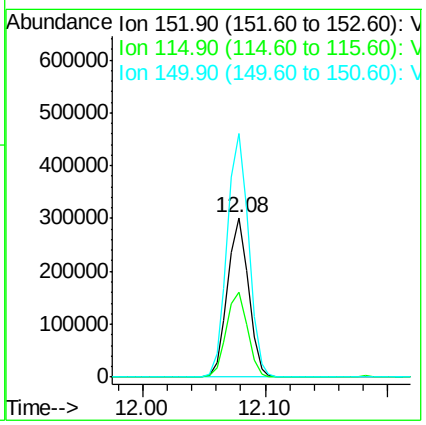


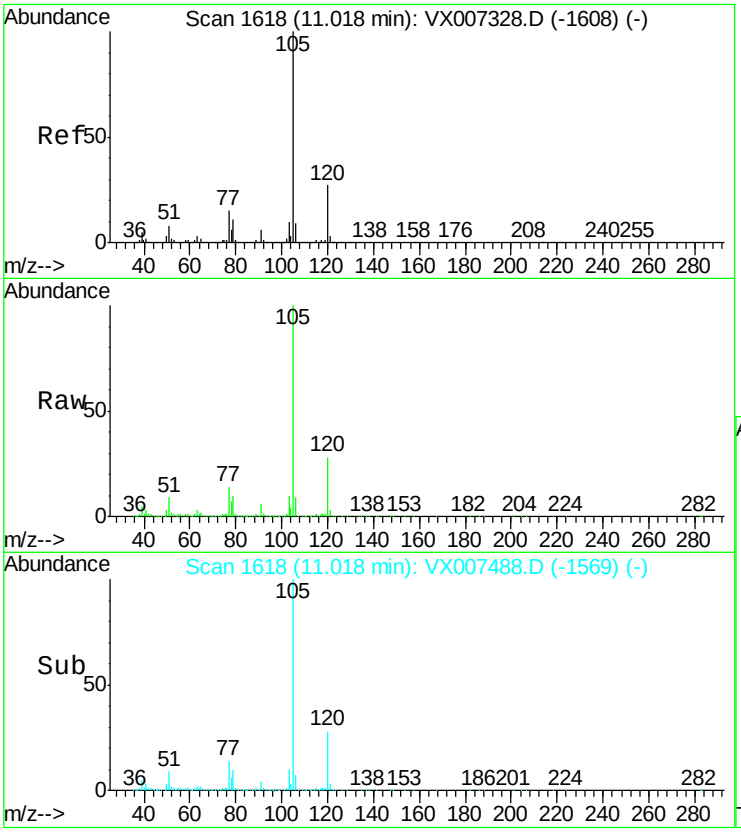


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion:152 Resp: 356475

Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.0	114.0
150	156.8	0.0	346.4



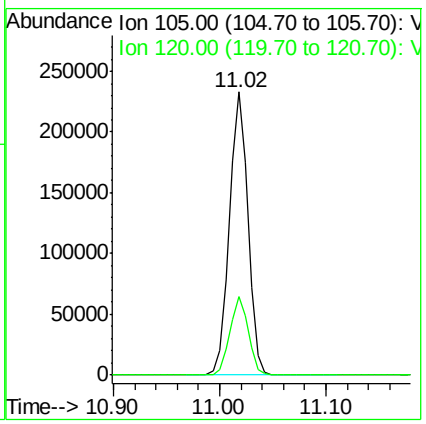


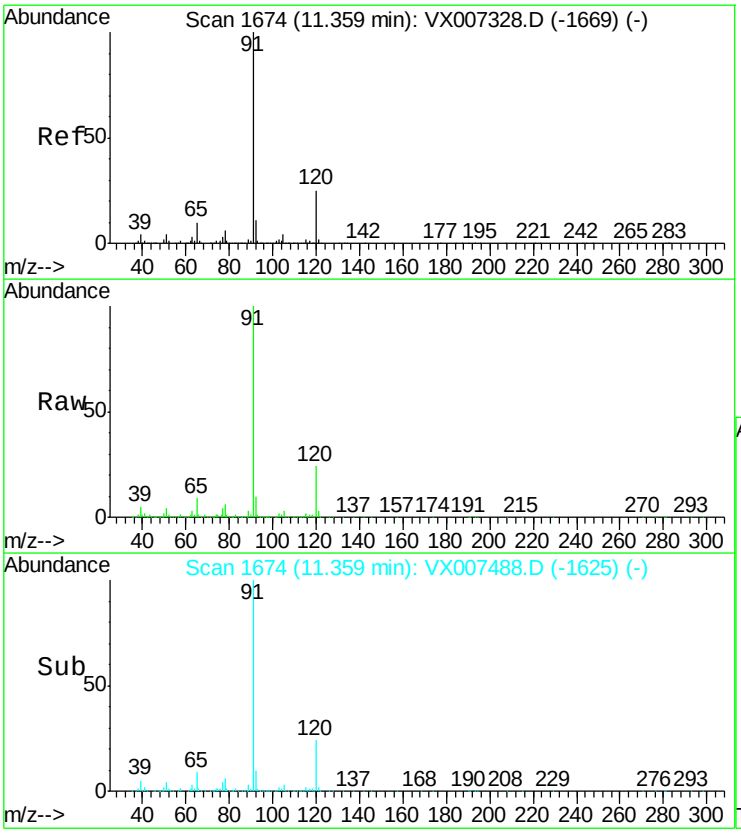
#73
Isopropylbenzene
Concen: 11.783 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion:105 Resp: 285437

Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.6	40.7

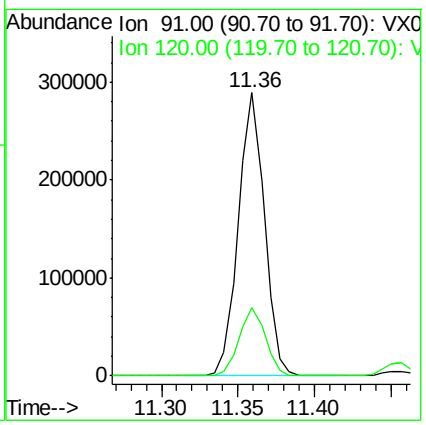


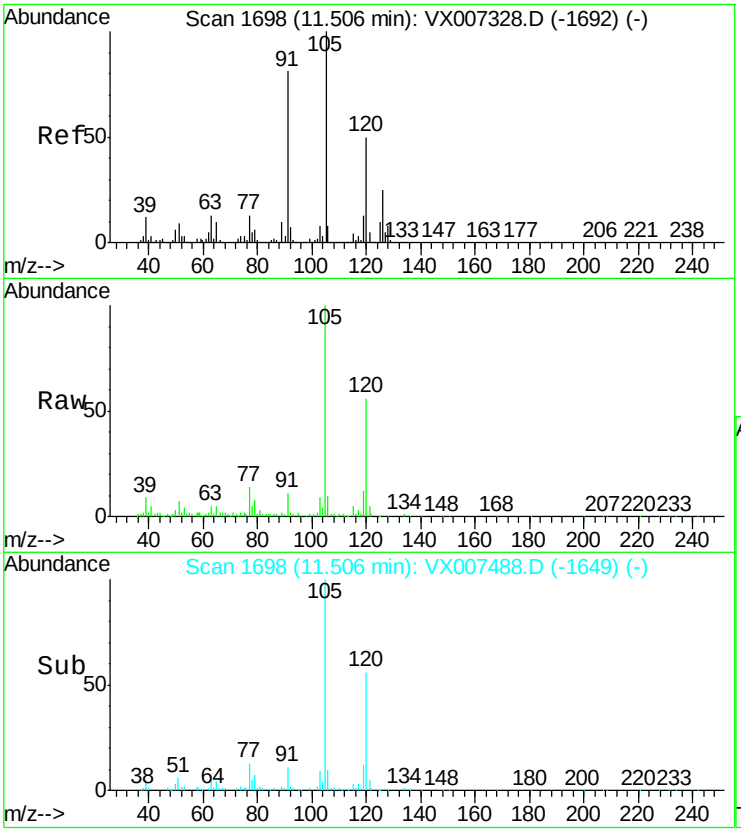


#78
n-propylbenzene
Concen: 12.866 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion: 91 Resp: 341769

Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.2



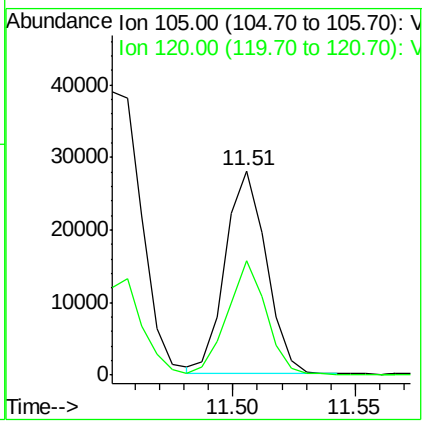


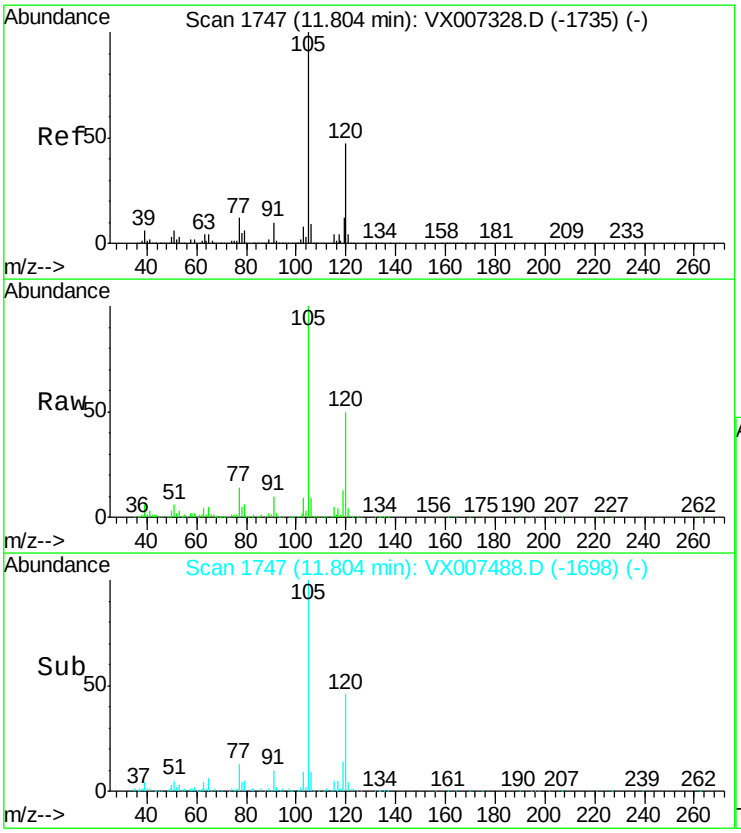
#80
1,3,5-Trimethylbenzene
Concen: 1.642 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion:105 Resp: 32543

Ion	Ratio	Lower	Upper
105	100		
120	53.9	25.3	75.8

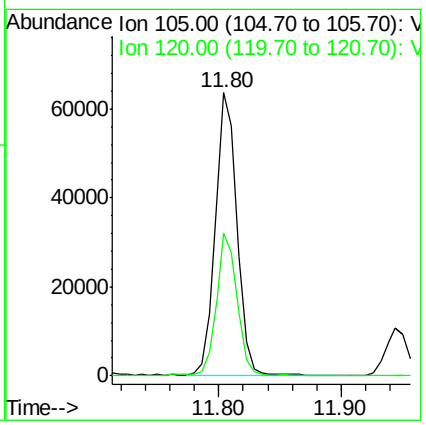


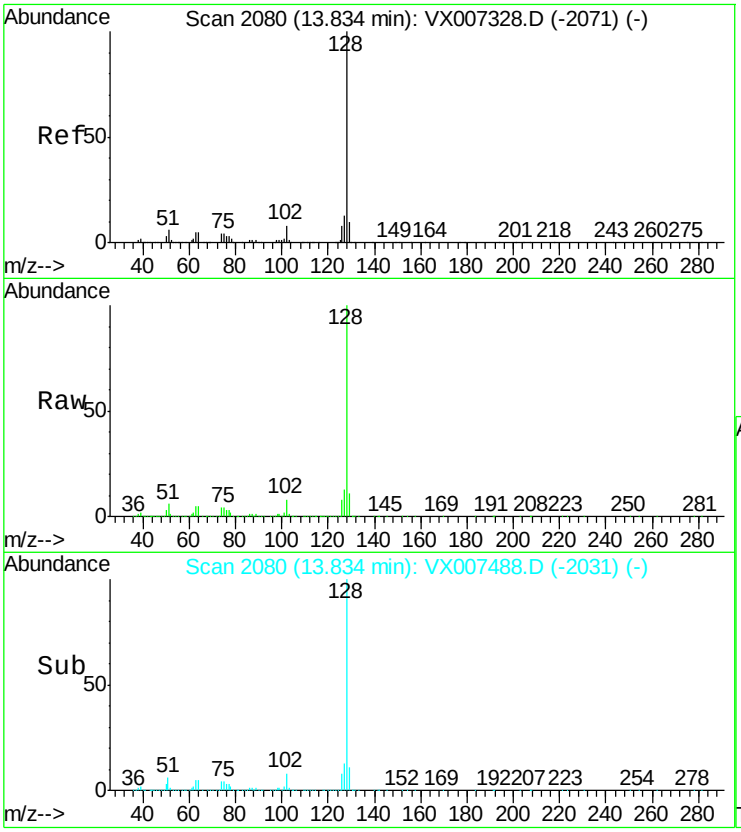


#84
1,2,4-Trimethylbenzene
Concen: 3.919 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Tgt Ion:105 Resp: 78856

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.3





#95
Naphthalene
Concen: 31.108 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007488.D
Acq: 12 Feb 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP-0503-190207DL

Tgt Ion:128 Resp: 747874

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.7	13.1