Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
Data File : VX000741.D
Acq On : 08 Apr 2018 19:28
Operator : JC/MD
Sample : J2216-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GWDL

Quant Time: Apr 09 08:11:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	454463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163902	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.42%			
35) Dibromofluoromethane	5.51	113	141731	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.50%			
50) Toluene-d8	8.73	98	525266	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.36%			
62) 4-Bromofluorobenzene	11.15	95	211949	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.68%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.21	73	8026	0.94	ug/l	97
40) Benzene	6.15	78	1721098	157.21	ug/l	100
52) Toluene	8.79	92	11553	1.58	ug/l	99
67) Ethyl Benzene	10.26	91	325506	22.09	ug/l	99
68) m/p-Xylenes	10.37	106	16545	2.87	ug/l	100
69) o-Xylene	10.71	106	18924	3.35	ug/l	93
73) Isopropylbenzene	11.02	105	61918	4.10	ug/l	100
78) n-propylbenzene	11.37	91	16713	0.96	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	2666	0.20	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	55581	4.10	ug/l	100
95) Naphthalene	13.84	128	1446042	82.83	ug/l	100

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

Quantitation Report (QT Reviewed)

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Acq On : 08 Apr 2018 19:28
Operator : JC/MD
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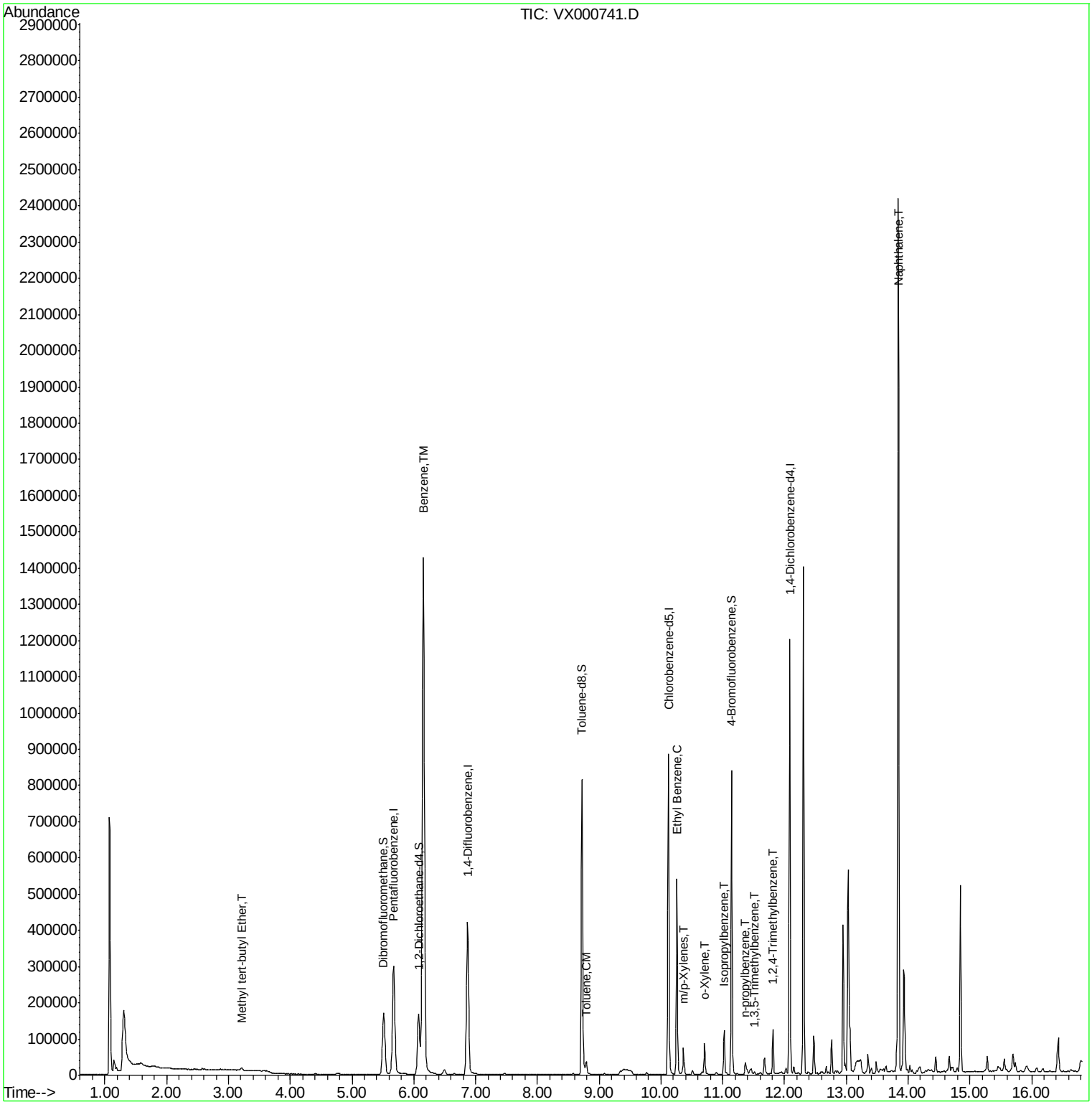
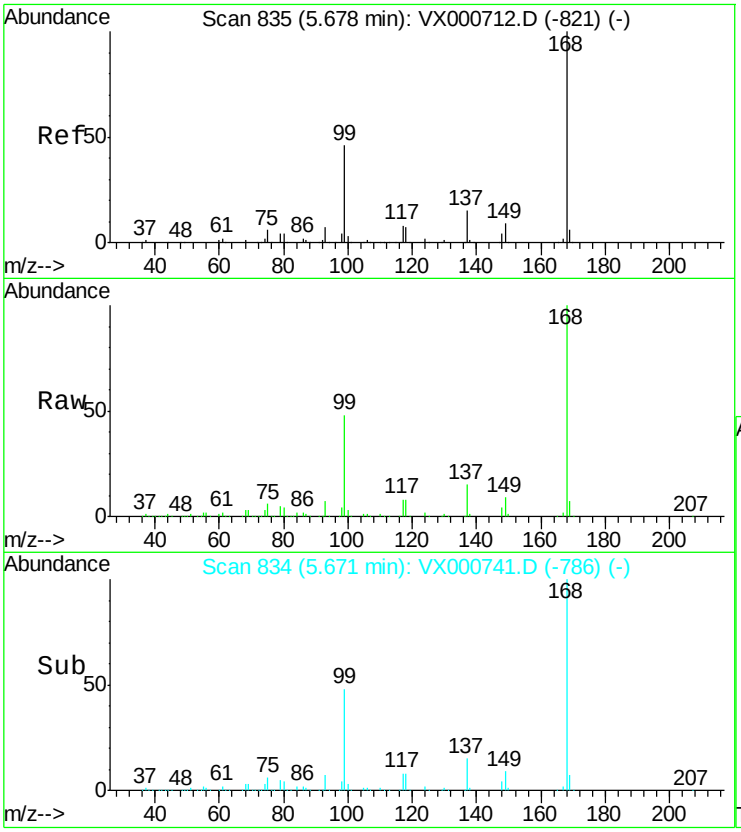
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Quant Time: Apr 09 08:11:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration



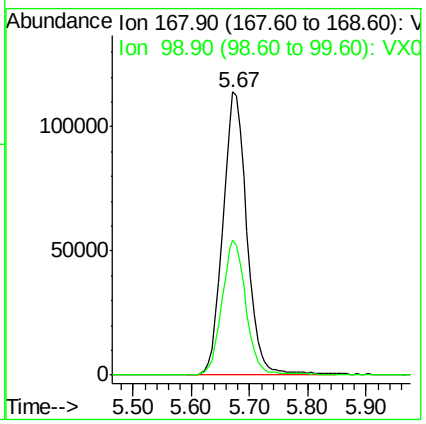


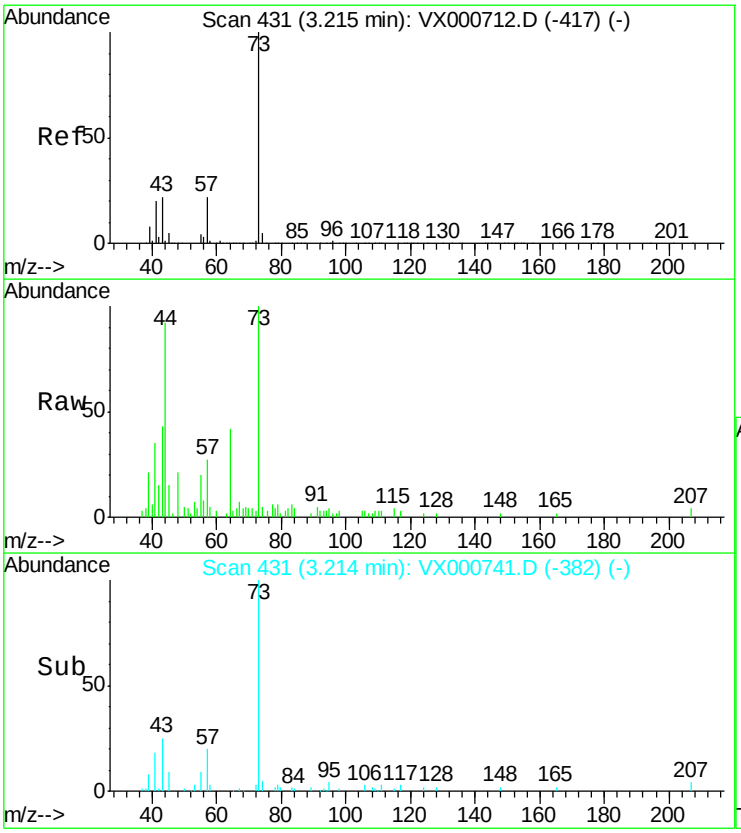
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion:168 Resp: 327896

Ion	Ratio	Lower	Upper
168	100		
99	47.8	37.2	55.8

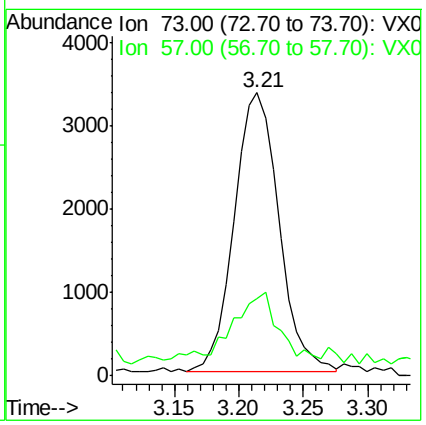


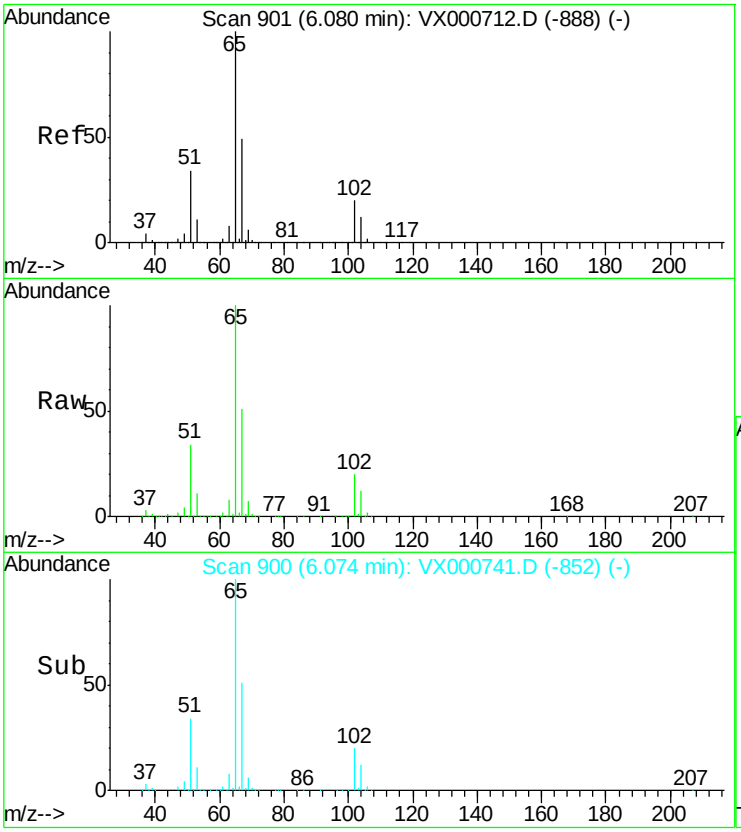


#19
Methyl tert-butyl Ether
Concen: 0.94 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 73 Resp: 8026

Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.3	25.9



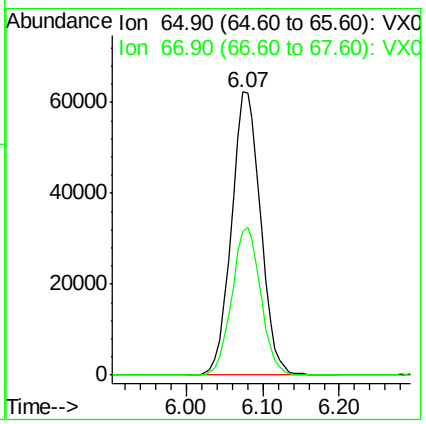


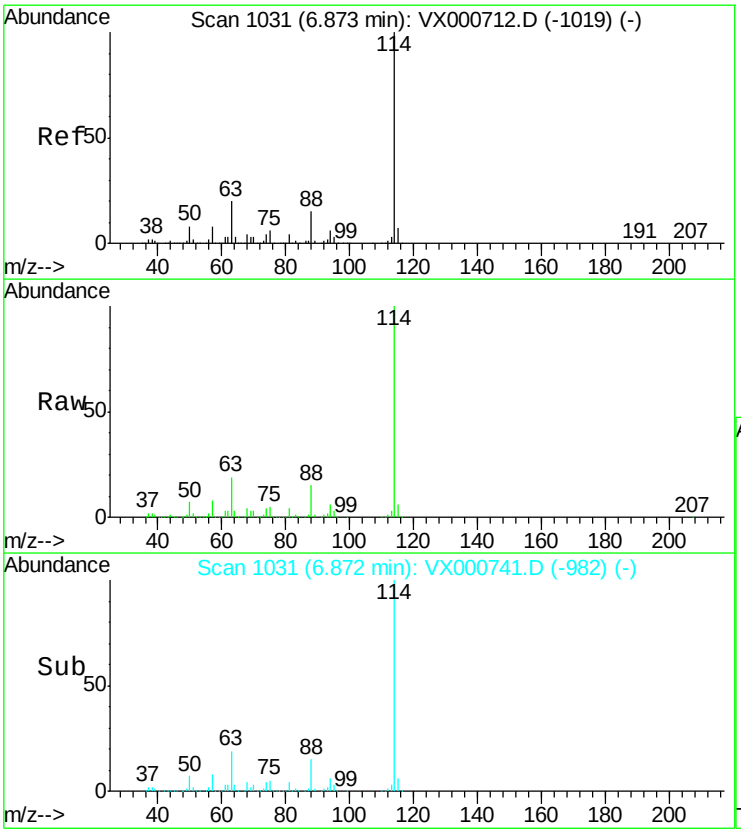
#33
1,2-Dichloroethane-d4
Concen: 43.71 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion: 65 Resp: 163902

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

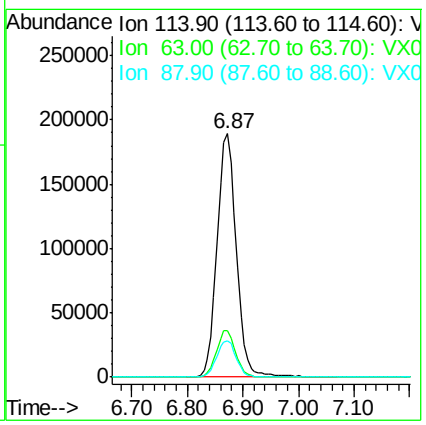


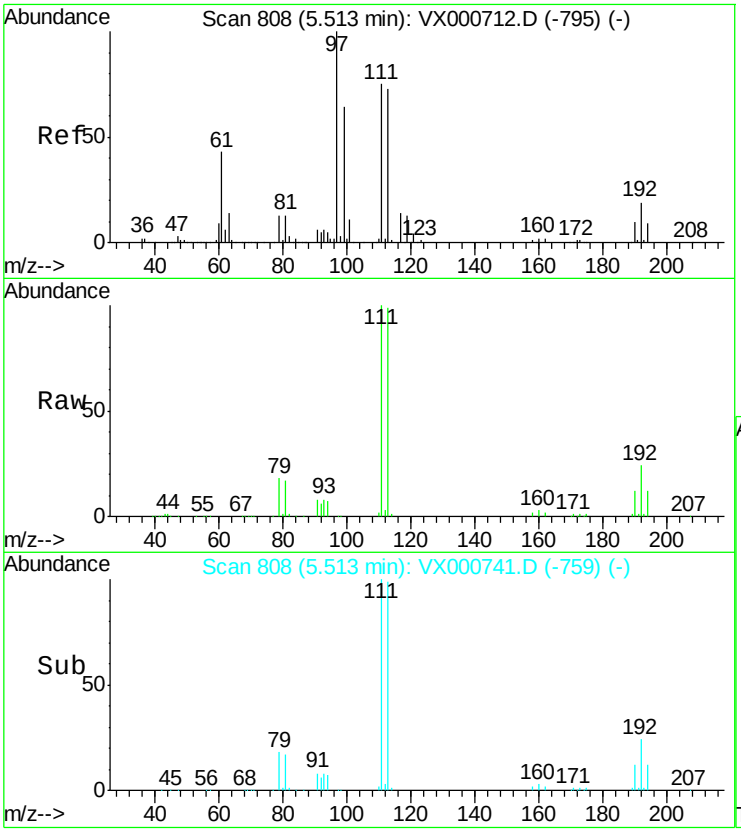


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:114 Resp: 454463

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.0	0.0	30.6



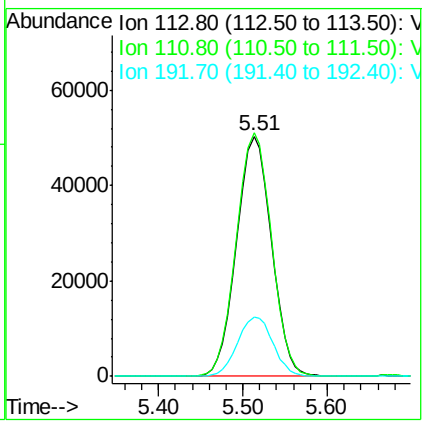


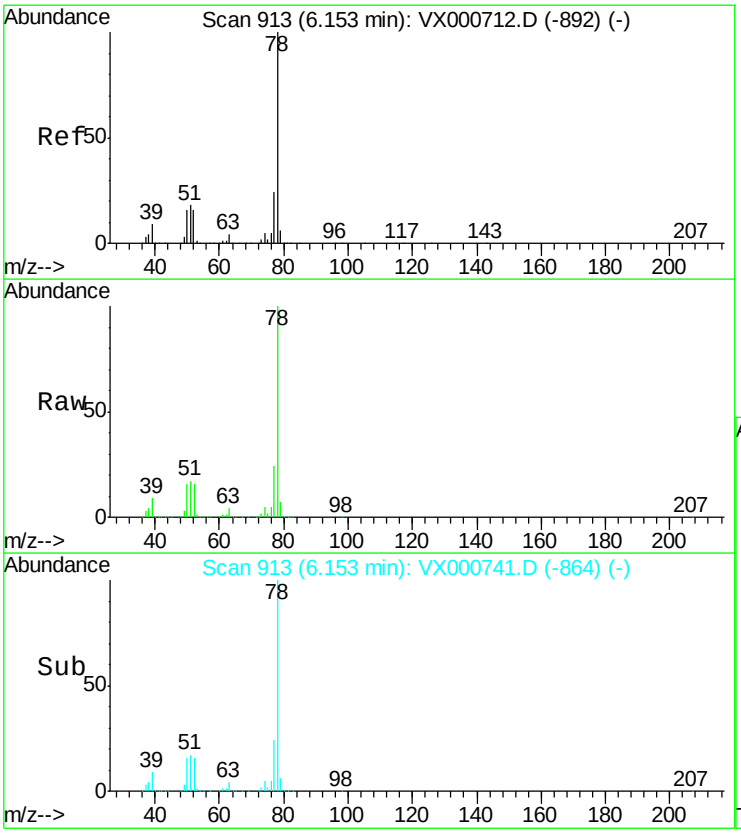
#35
Dibromofluoromethane
Concen: 48.25 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion:113 Resp: 141731

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	25.1	20.0	30.0

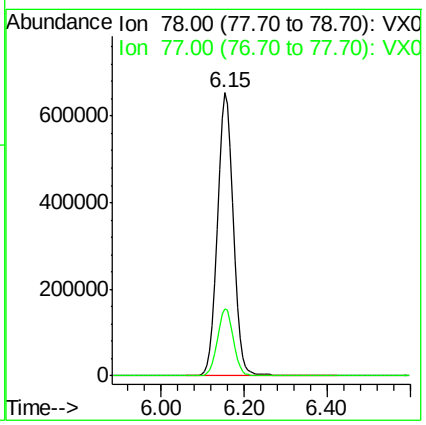


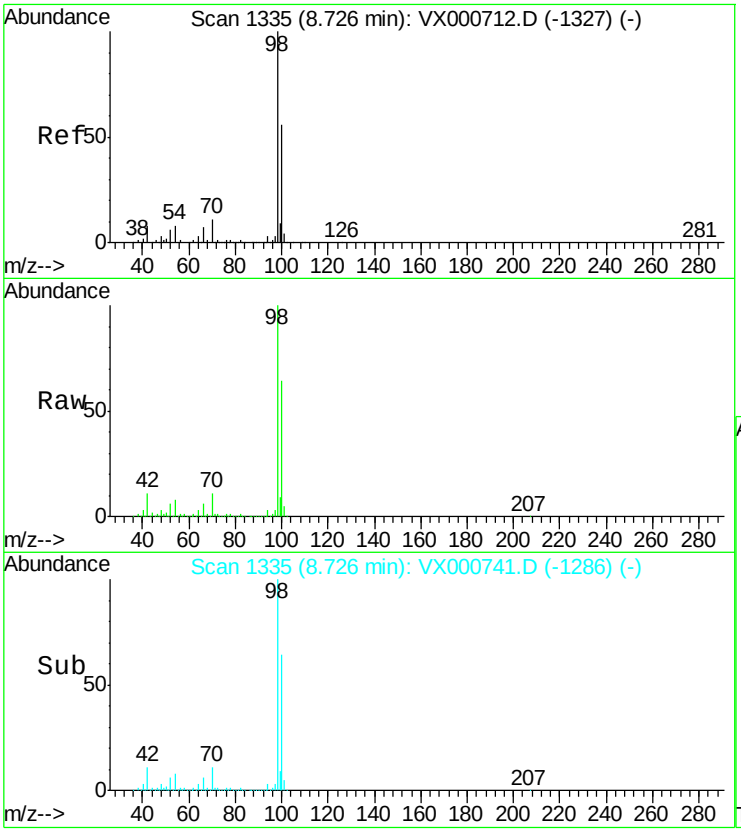


#40
Benzene
Concen: 157.21 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 78 Resp: 1721098

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4



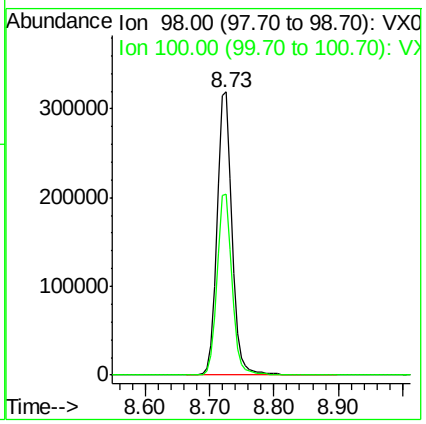


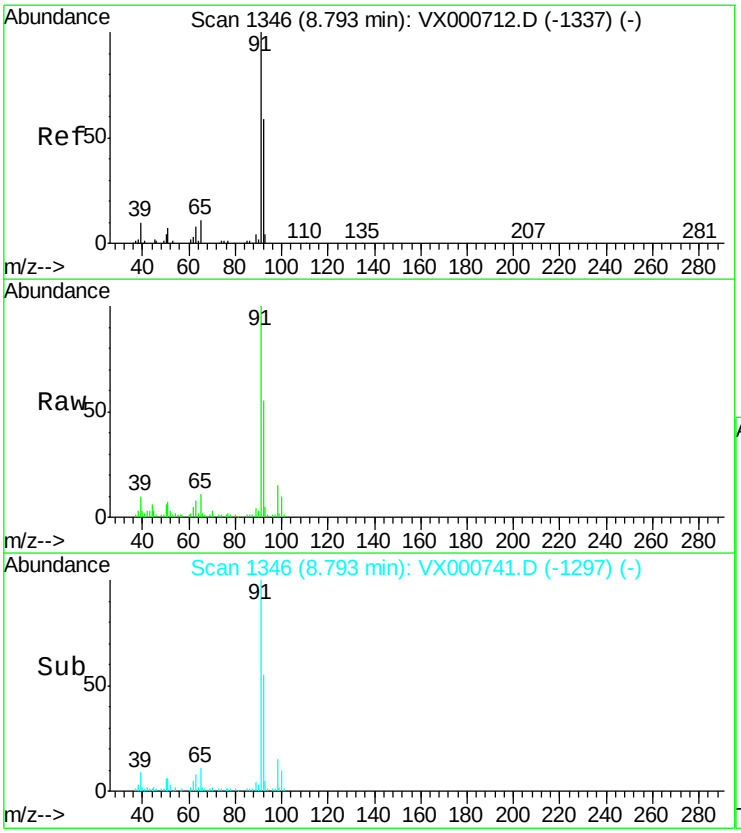
#50
Toluene-d8
Concen: 47.18 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion: 98 Resp: 525266

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	78.8

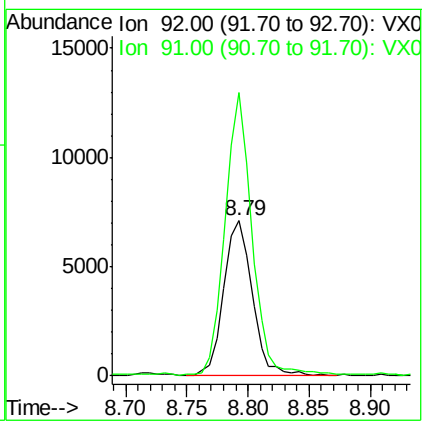


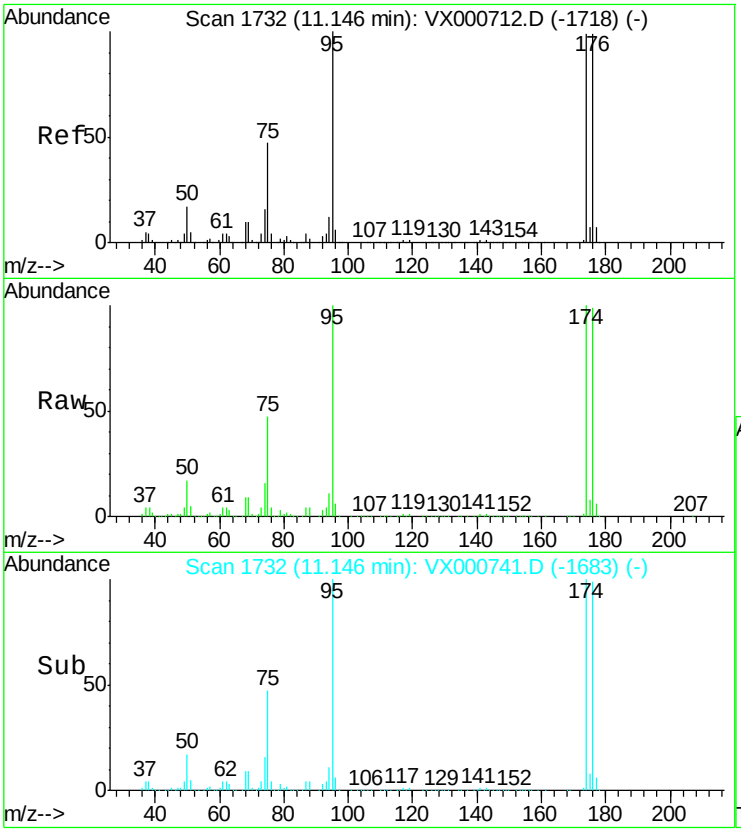


#52
Toluene
Concen: 1.58 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 92 Resp: 11553

Ion	Ratio	Lower	Upper
92	100		
91	172.4	136.4	204.6



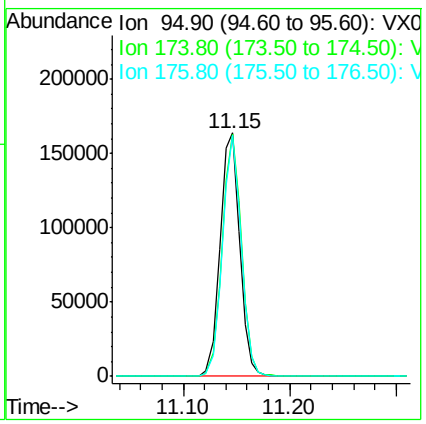


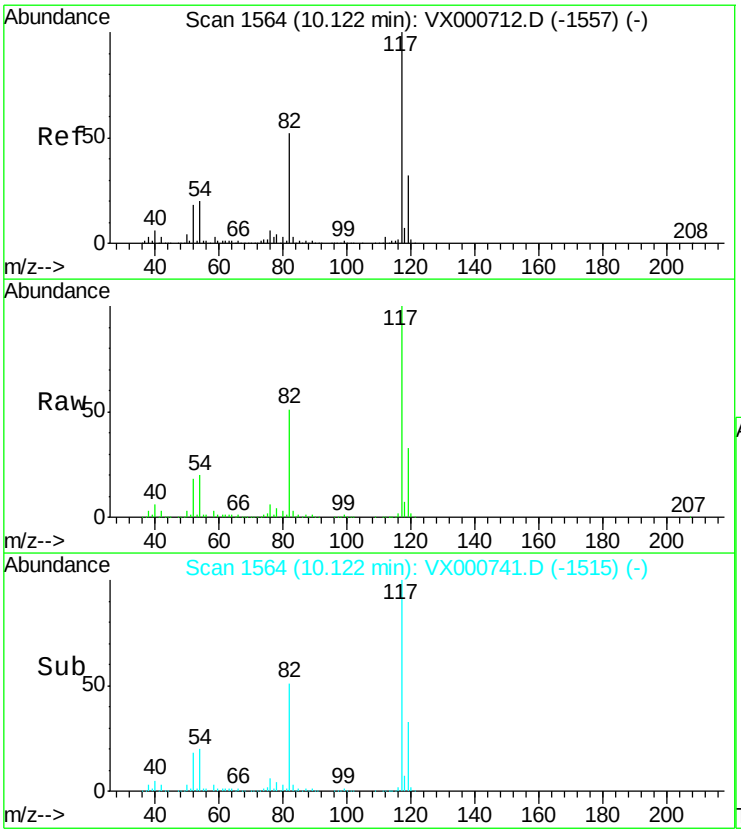
#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion: 95 Resp: 211949

Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	191.6
176	94.8	0.0	187.0

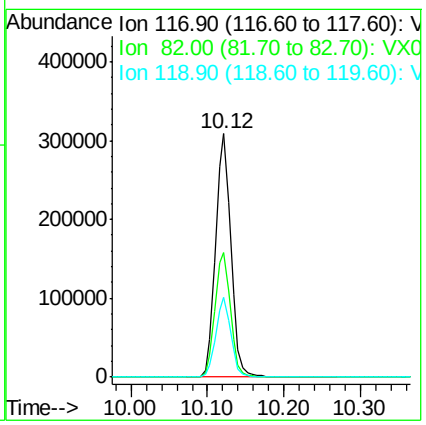


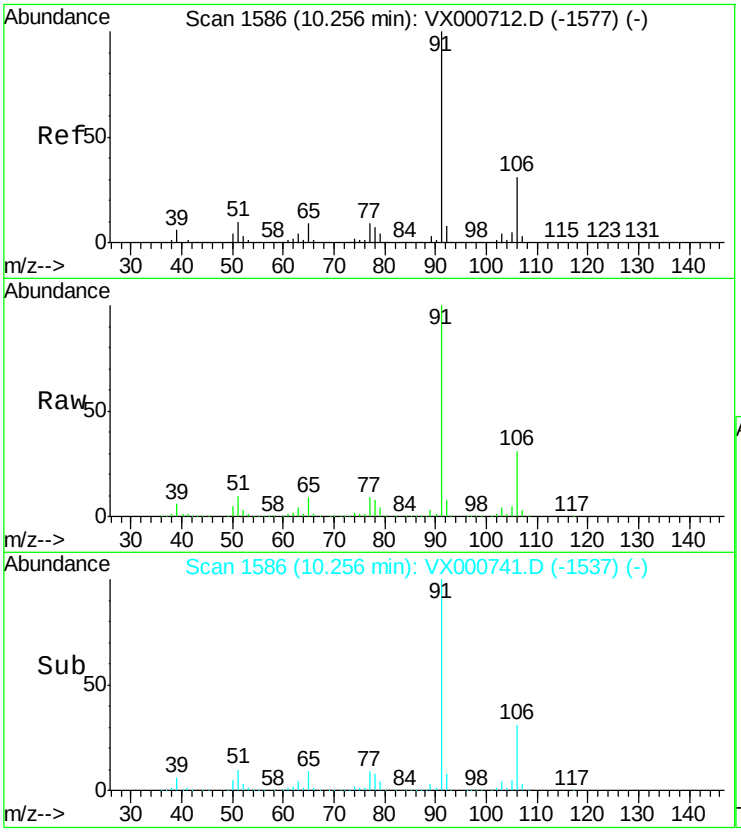


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:117 Resp: 426760

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.9	62.9
119	32.6	25.8	38.8



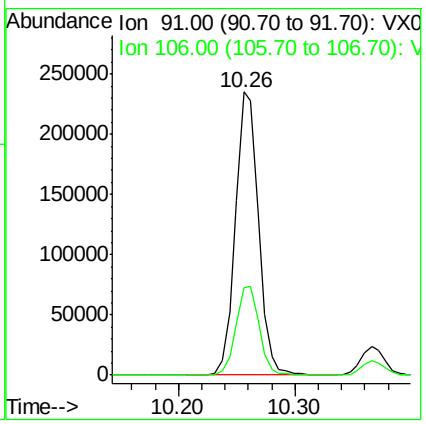


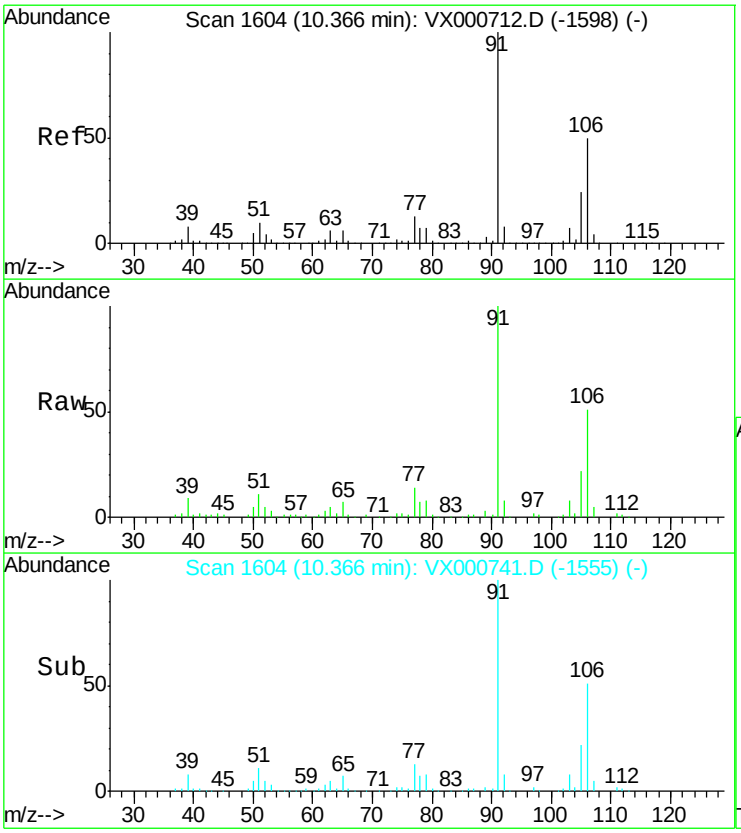
#67
Ethyl Benzene
Concen: 22.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion: 91 Resp: 325506

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.1	37.7

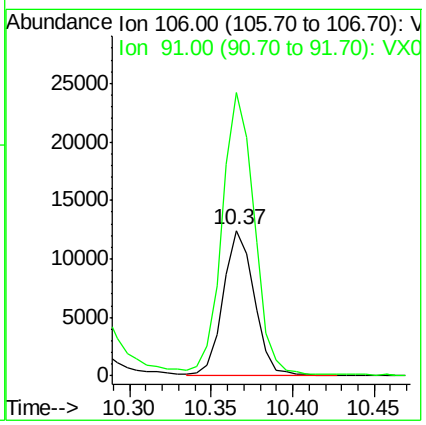


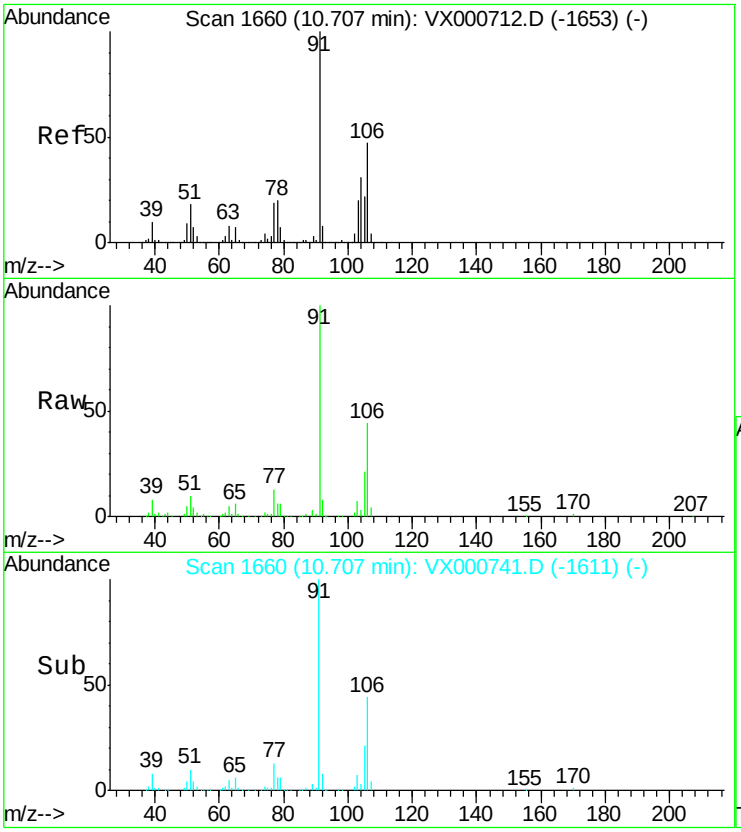


#68
m/p-Xylenes
Concen: 2.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:106 Resp: 16545

Ion	Ratio	Lower	Upper
106	100		
91	200.0	159.7	239.5



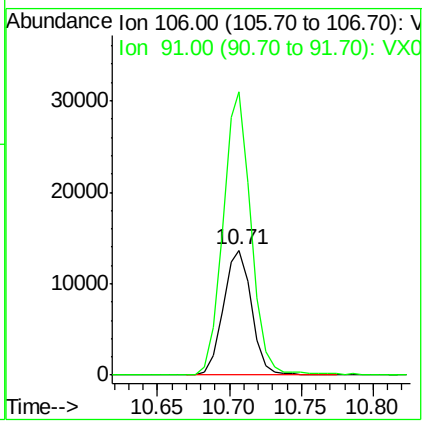


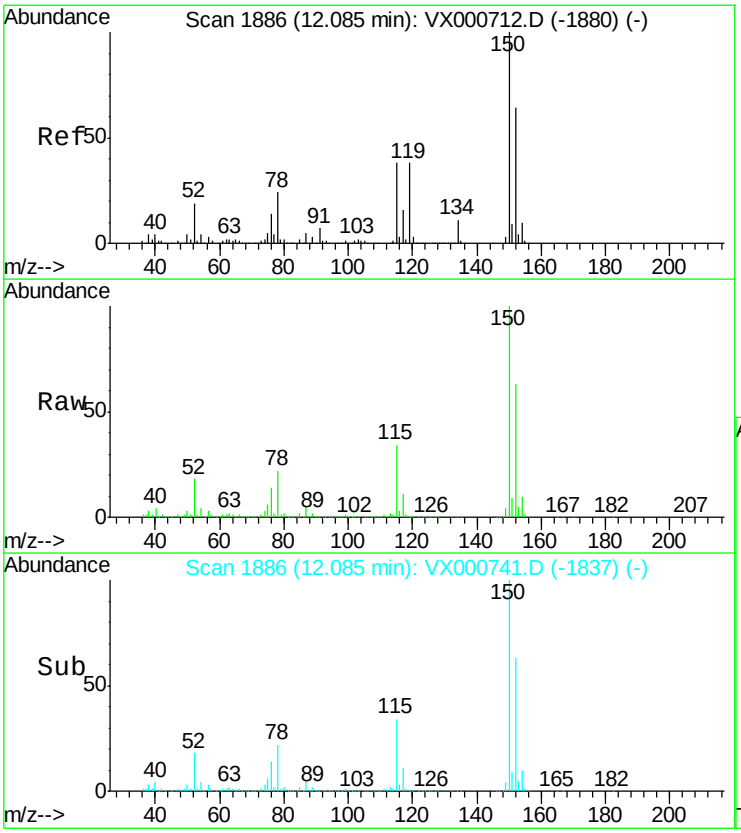
#69
o-Xylene
Concen: 3.35 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion:106 Resp: 18924

Ion	Ratio	Lower	Upper
106	100		
91	223.0	106.1	318.3

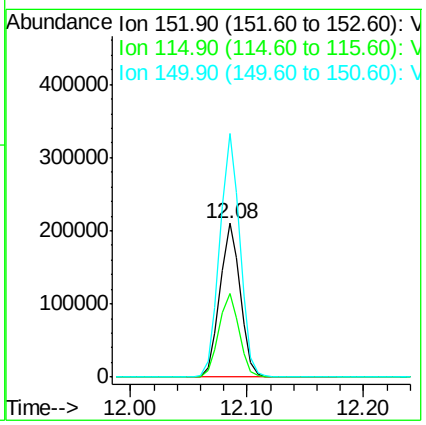


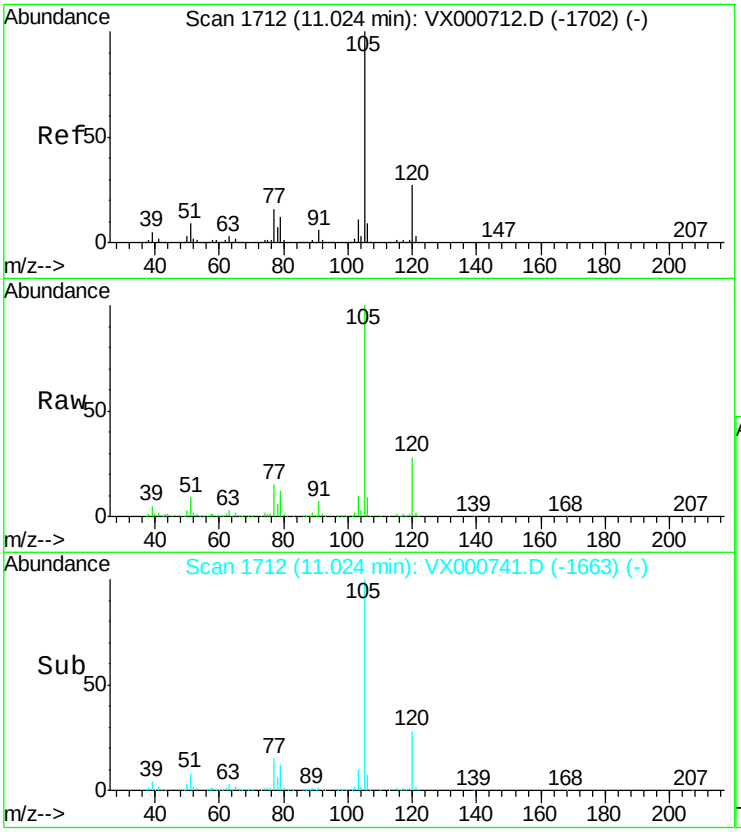


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:152 Resp: 252705

Ion	Ratio	Lower	Upper
152	100		
115	54.1	37.7	113.1
150	157.2	0.0	345.0



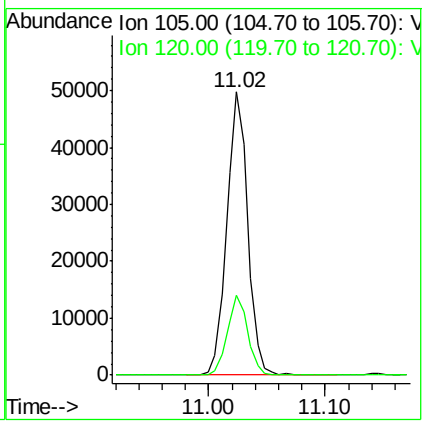


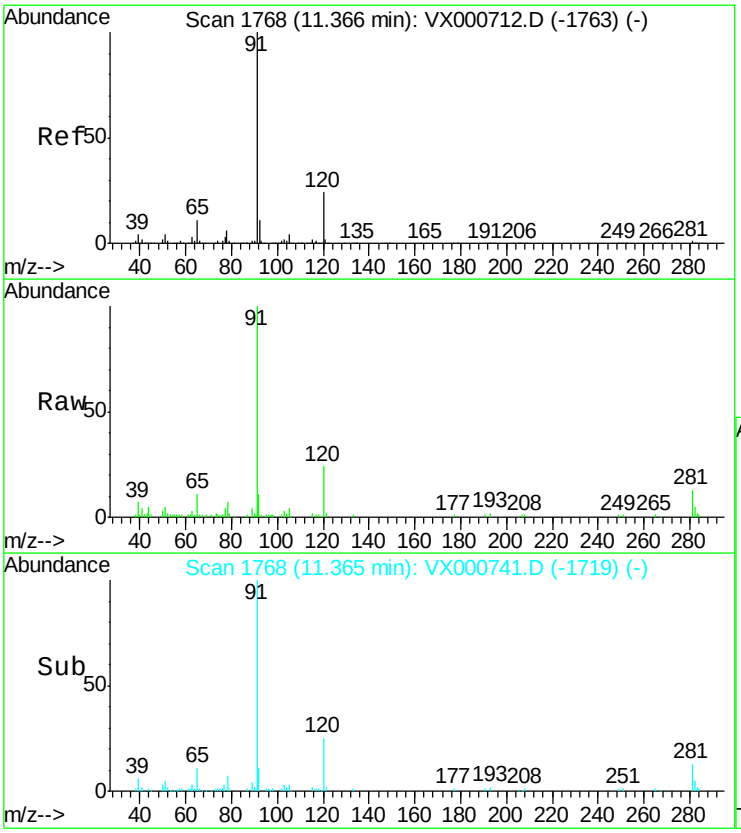
#73
Isopropylbenzene
Concen: 4.10 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GWDL

Tgt Ion:105 Resp: 61918

Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.0

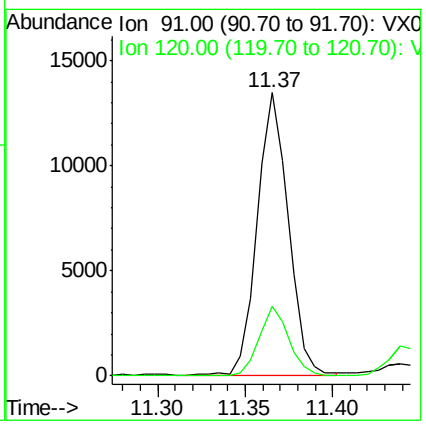


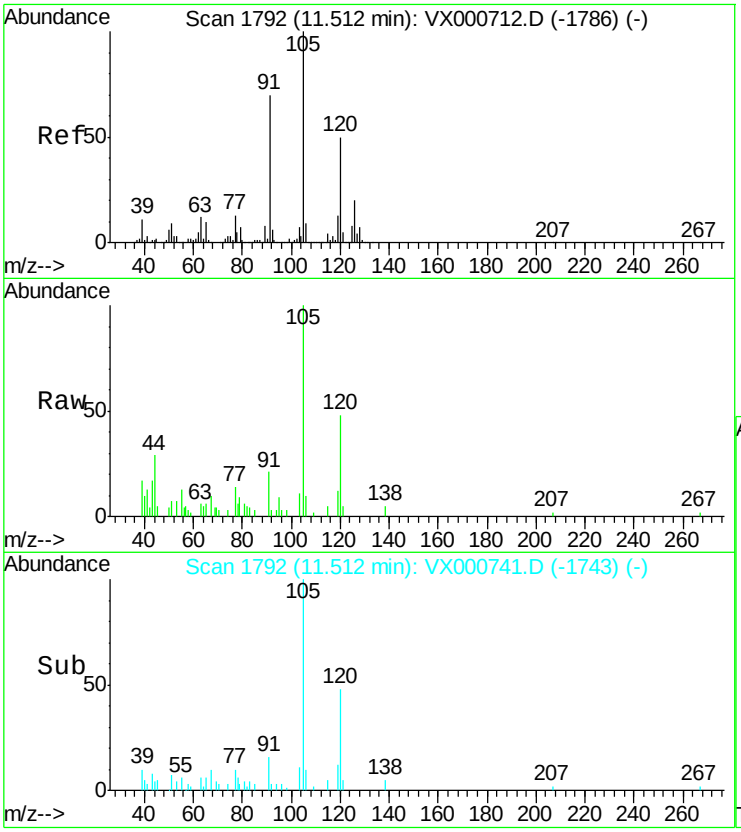


#78
n-propylbenzene
Concen: 0.96 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion: 91 Resp: 16713

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.5	37.5



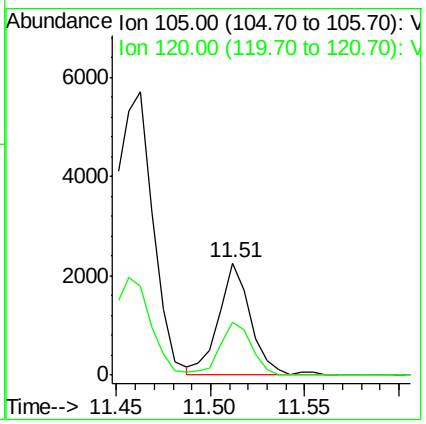


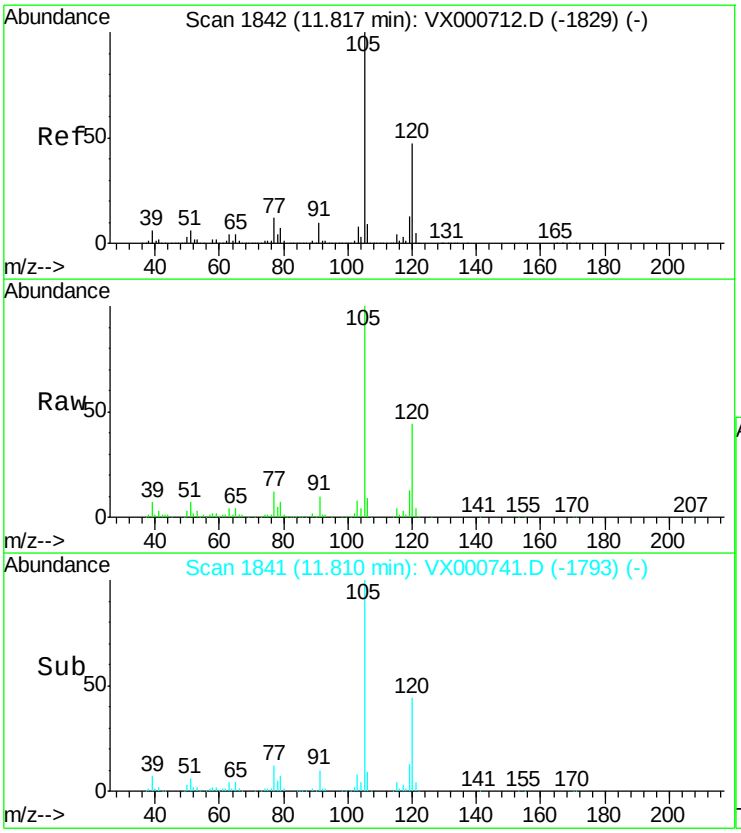
#80
1,3,5-Trimethylbenzene
Concen: 0.20 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion:105 Resp: 2666

Ion	Ratio	Lower	Upper
105	100		
120	46.5	25.1	75.3

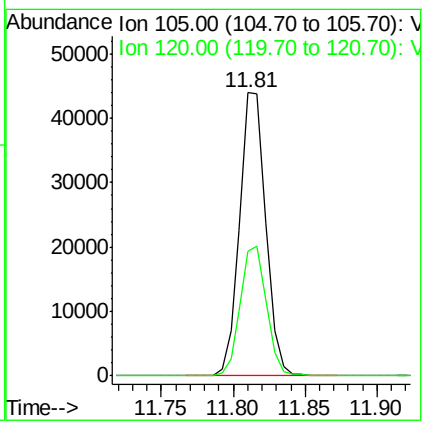


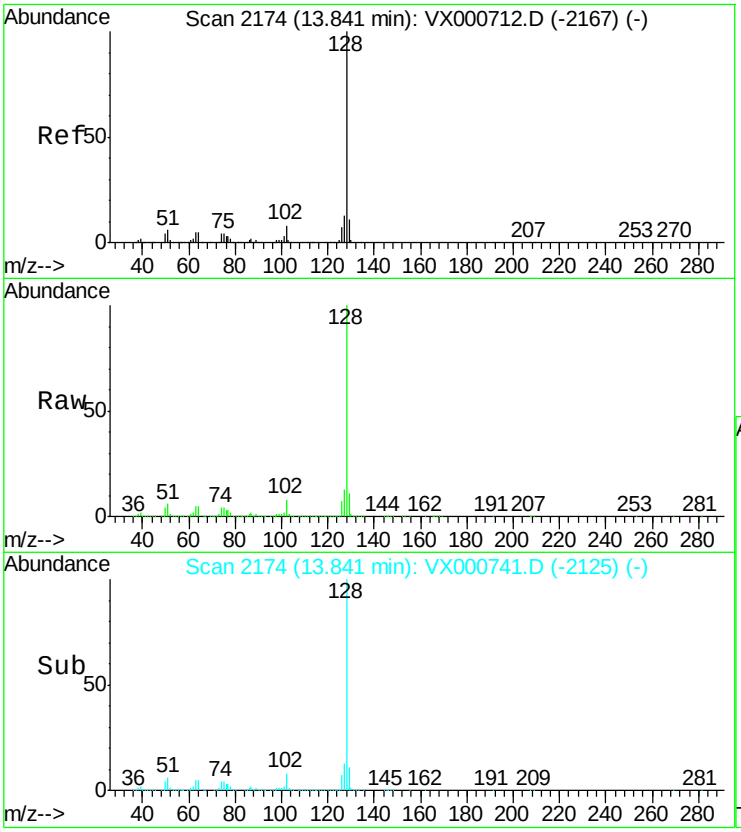


#84
1,2,4-Trimethylbenzene
Concen: 4.10 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Tgt Ion:105 Resp: 55581

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.5





#95
Naphthalene
Concen: 82.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000741.D
Acq: 08 Apr 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tgt Ion:128 Resp: 1446042

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.8	13.2