Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Quant Time: Jun 29 09:38:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177862	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.08%			
35) Dibromofluoromethane	5.51	113	143849	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
50) Toluene-d8	8.72	98	519639	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.50%			
62) 4-Bromofluorobenzene	11.14	95	193634	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.24%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.46	83	1637	0.34	ug/l #	83
40) Benzene	6.15	78	977205	82.36	ug/l	100
52) Toluene	8.79	92	76909	10.12	ug/l	100
67) Ethyl Benzene	10.26	91	239040	16.54	ug/l	100
68) m/p-Xylenes	10.37	106	125730	22.57	ug/l	98
69) o-Xylene	10.70	106	85967	15.85	ug/l	99
73) Isopropylbenzene	11.02	105	10601	0.75	ug/l	98
78) n-propylbenzene	11.37	91	5294	0.33	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	21839	1.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	63280	5.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	4171	0.33	ug/l #	71
95) Naphthalene	13.84	128	2294944	159.80	ug/l	100

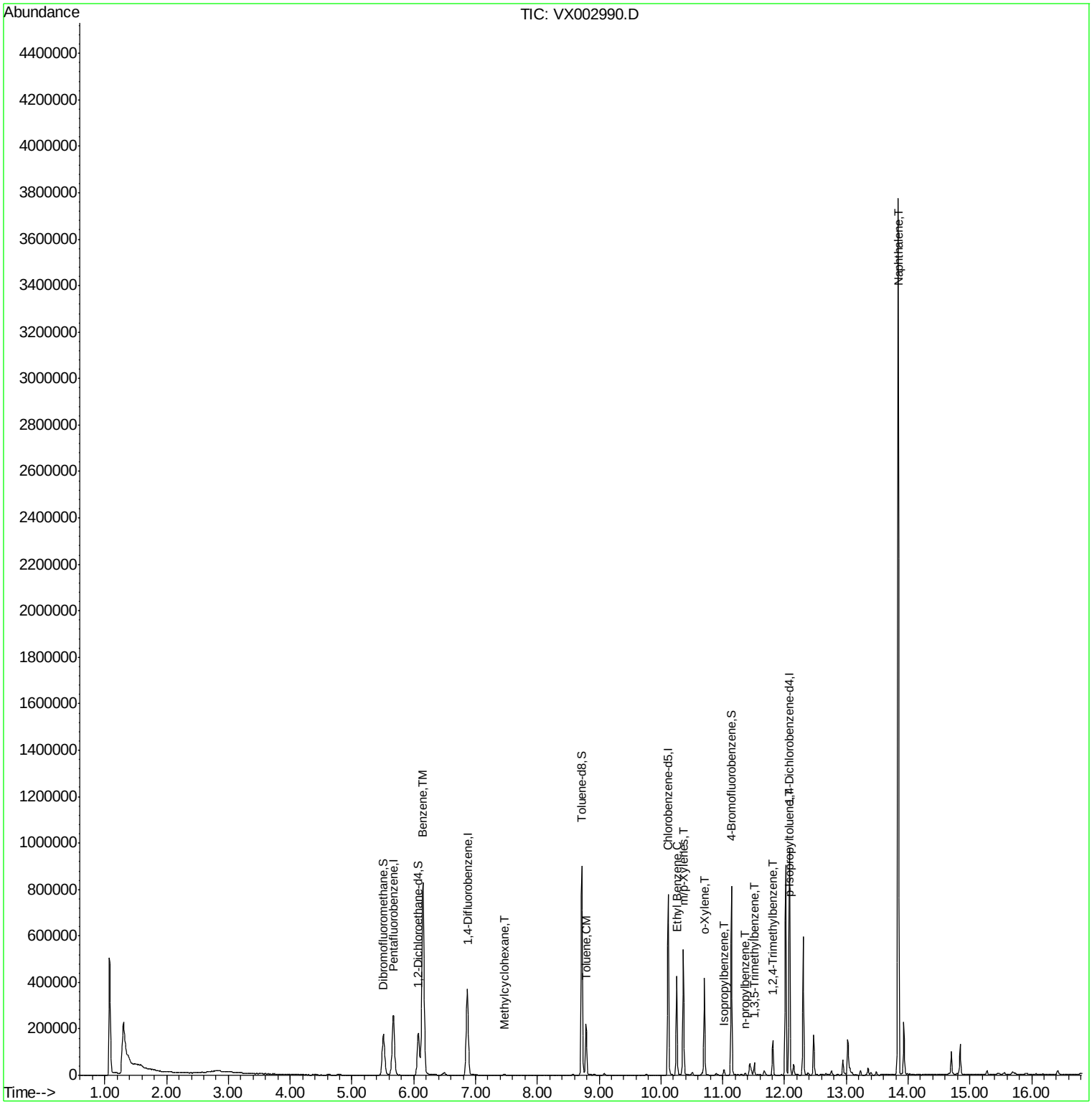
(#) = qualifier out of range (m) = manual integration (+) = signals summed

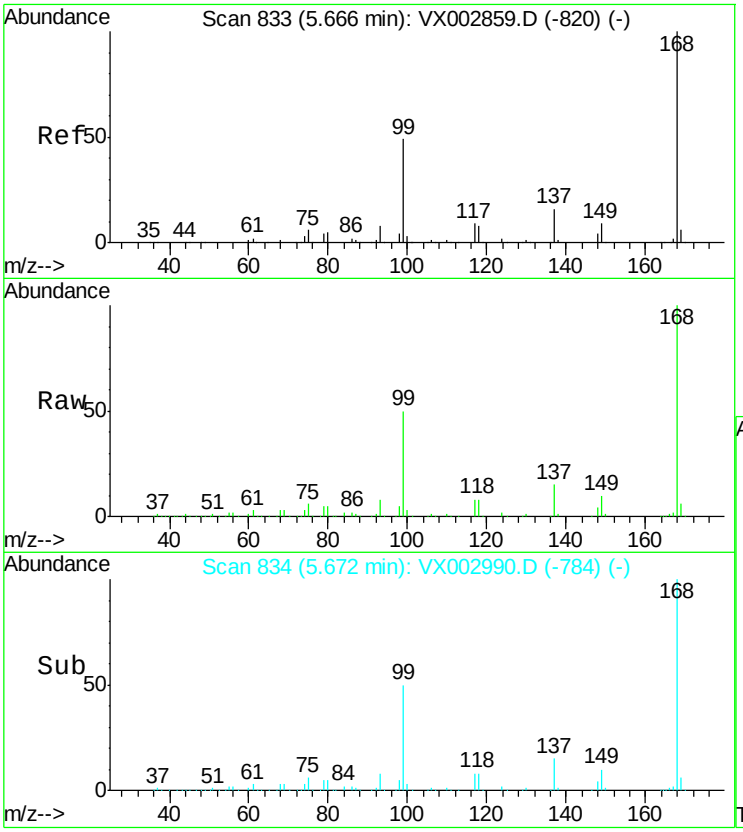
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX002990.D
Acq On : 28 Jun 2018 17:27
Operator : JC/MD
Sample : J3711-01 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Quant Time: Jun 29 09:38:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



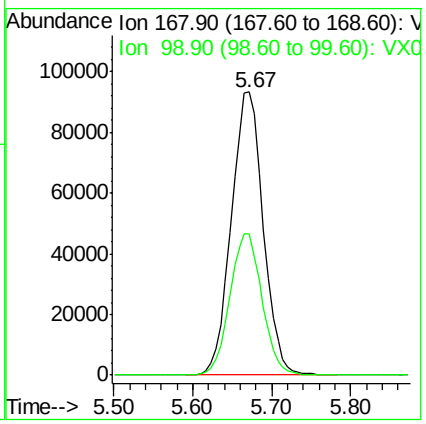


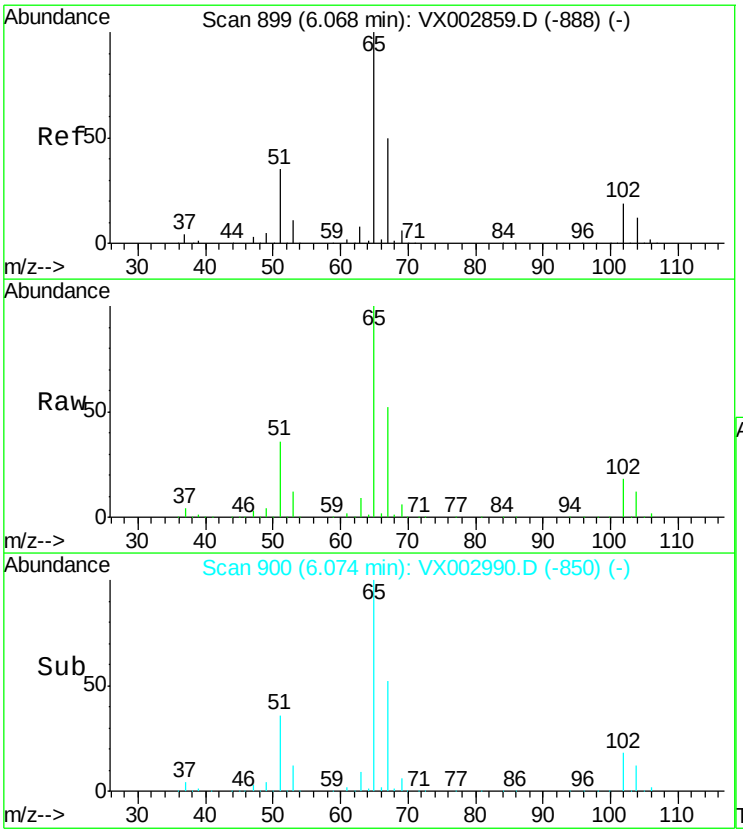
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion:168 Resp: 262404

Ion	Ratio	Lower	Upper
168	100		
99	49.8	39.3	58.9

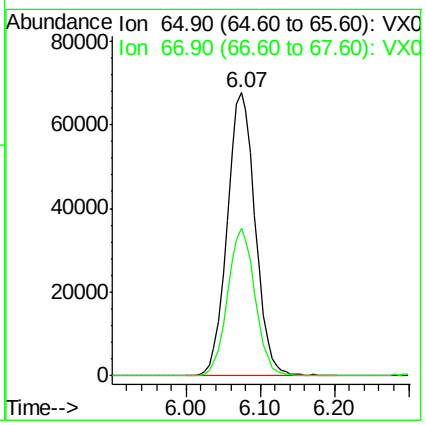


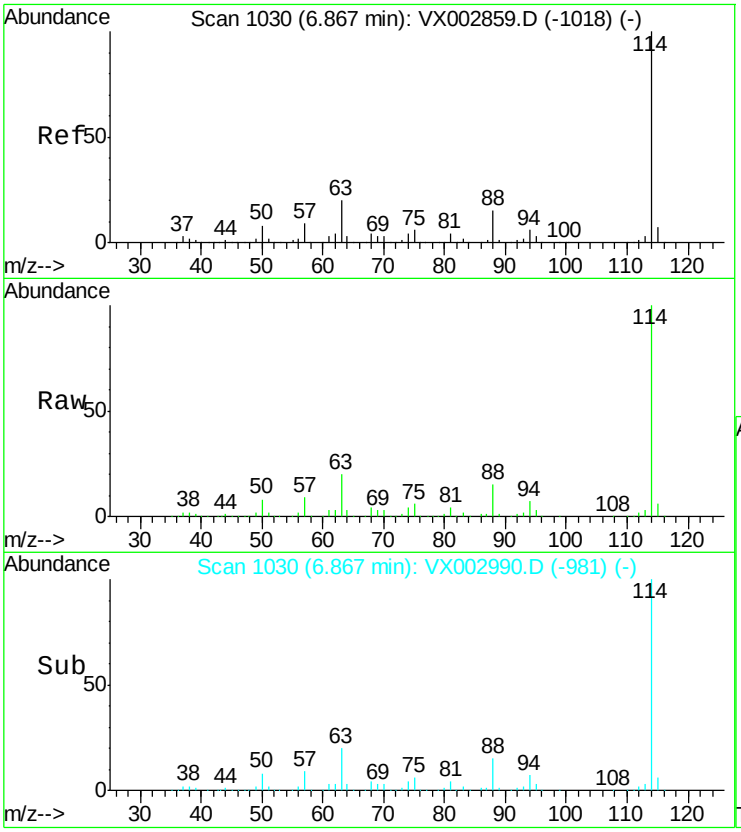


#33
1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 65 Resp: 177862

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6



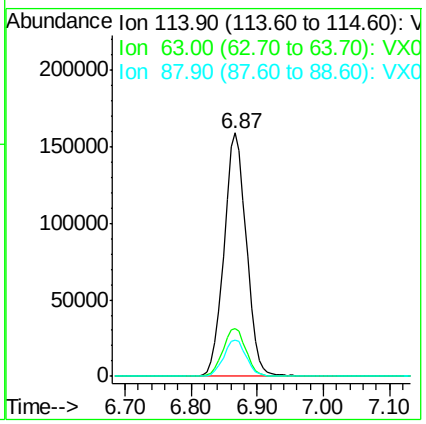


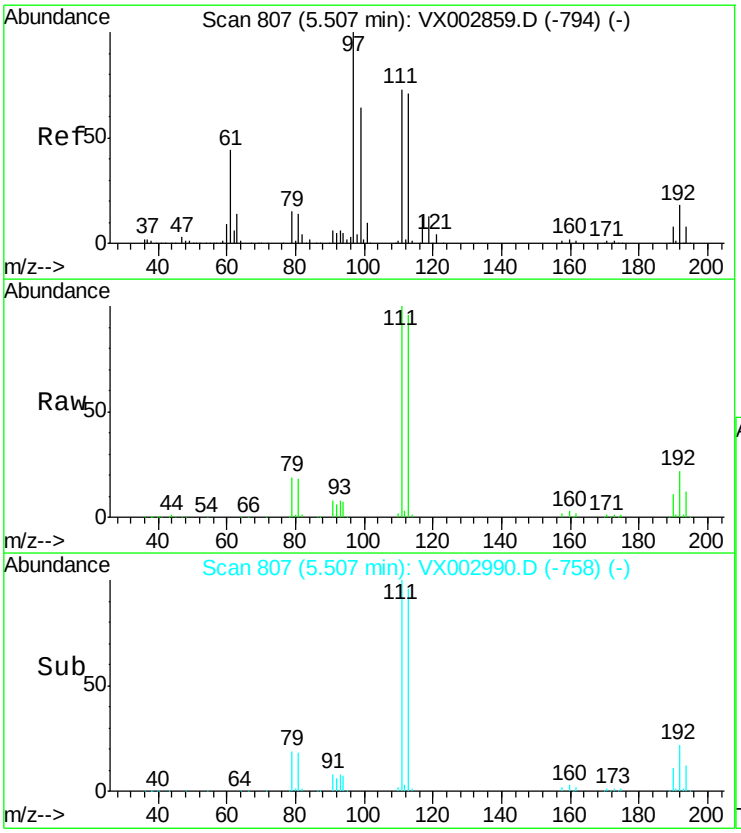
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion:114 Resp: 372379

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	14.7	0.0	30.0

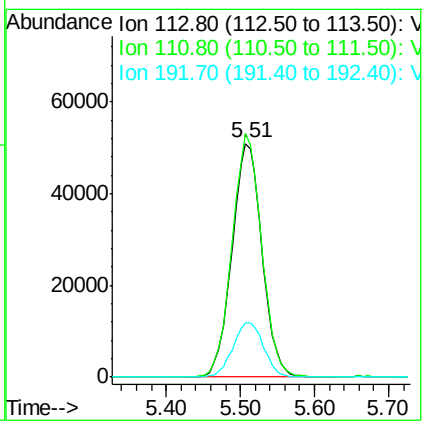


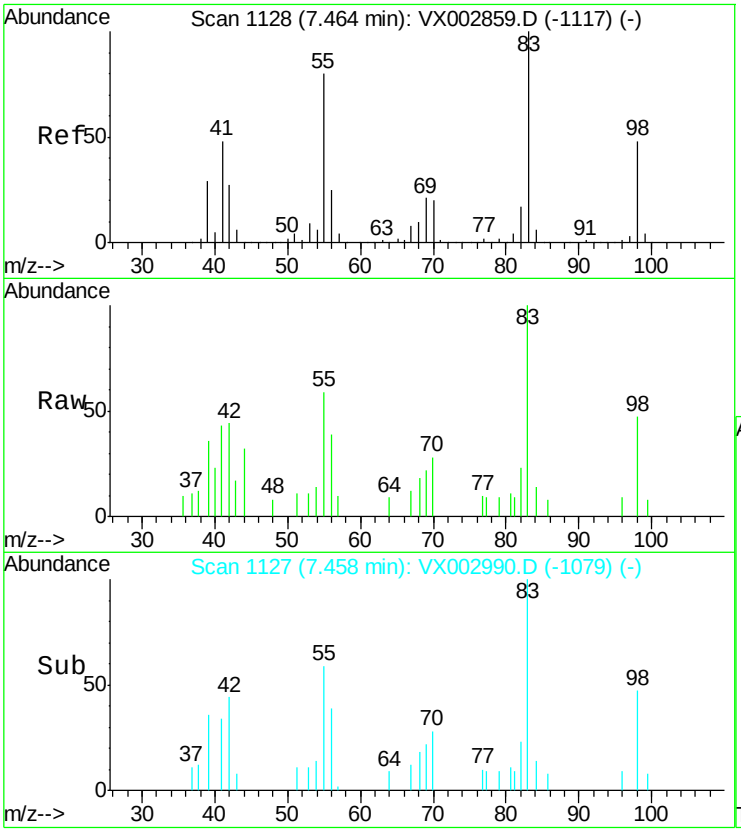


#35
Dibromofluoromethane
Concen: 48.78 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:113 Resp: 143849

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	24.1	19.1	28.7



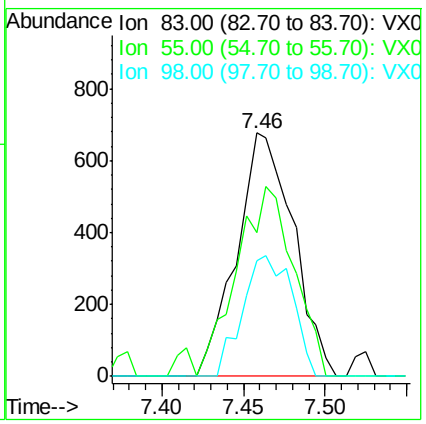


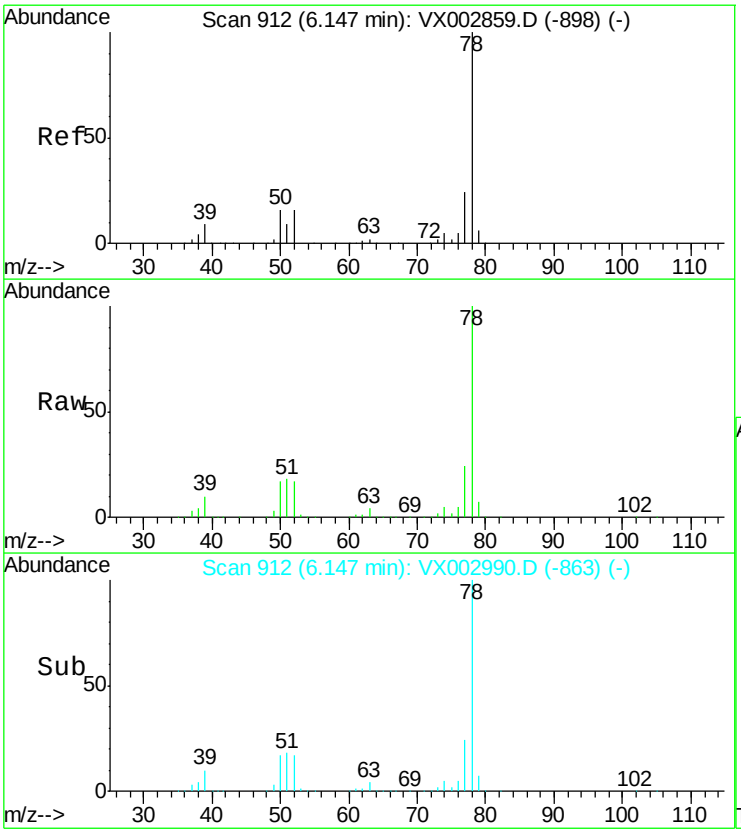
#39
Methylcyclohexane
Concen: 0.34 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion: 83 Resp: 1637

Ion	Ratio	Lower	Upper
83	100		
55	59.1	65.4	98.0#
98	47.4	37.4	56.0

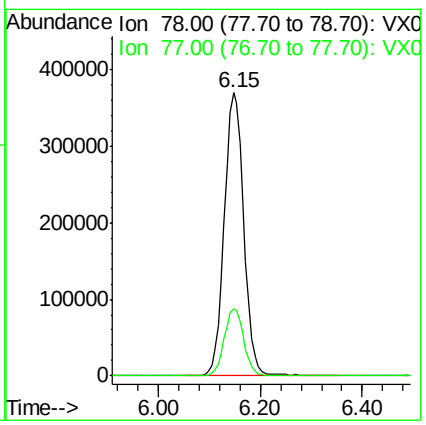


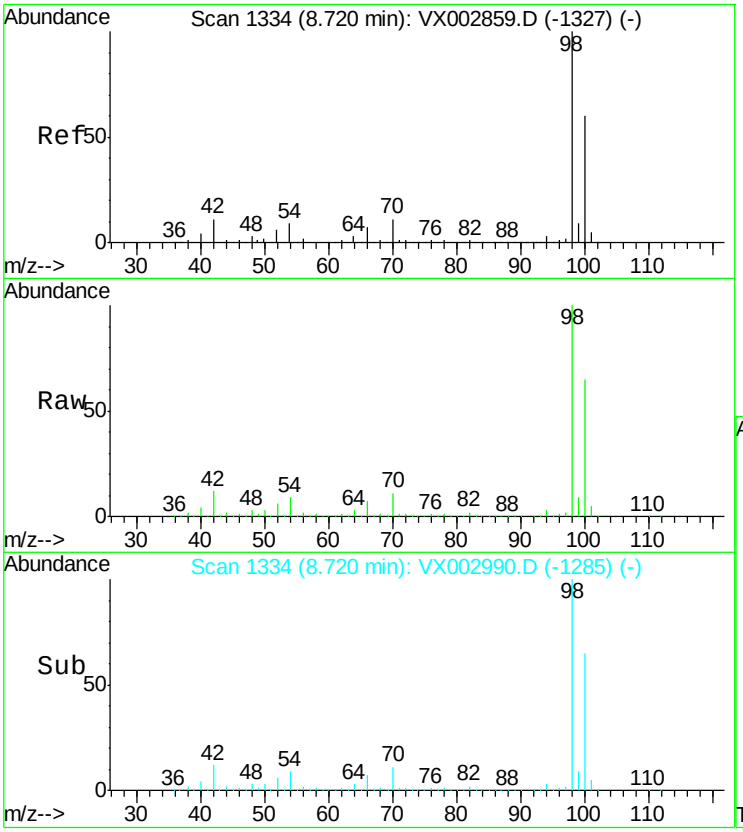


#40
Benzene
Concen: 82.36 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 78 Resp: 977205

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7



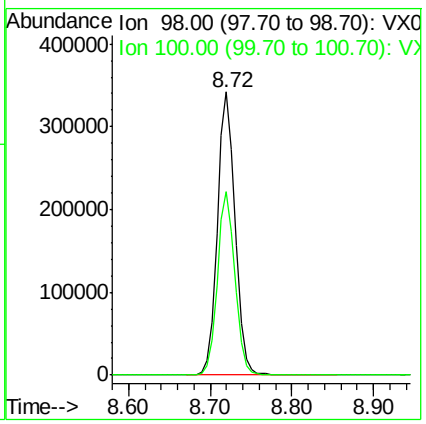


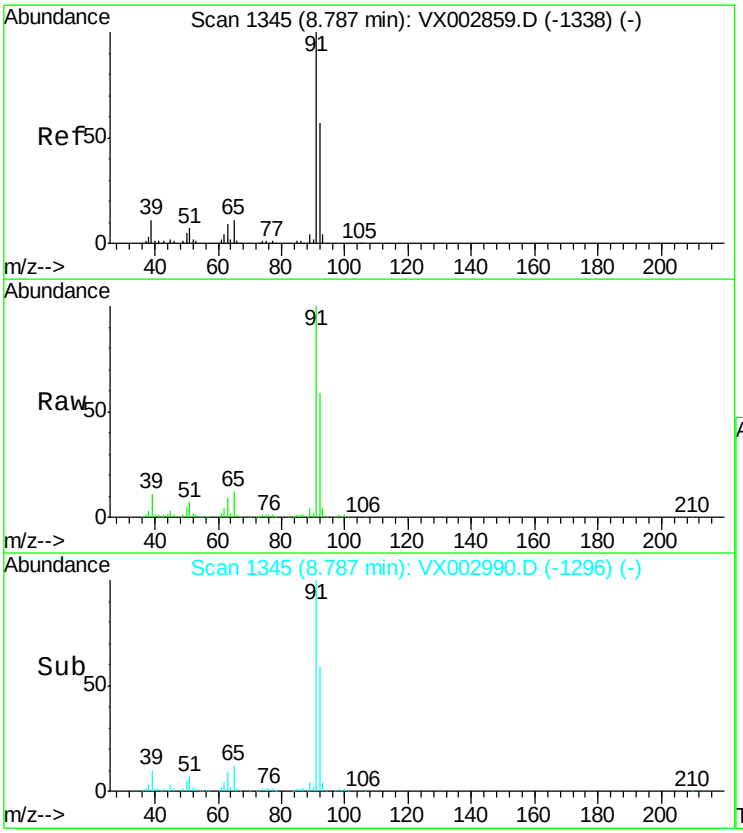
#50
Toluene-d8
Concen: 48.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion: 98 Resp: 519639

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

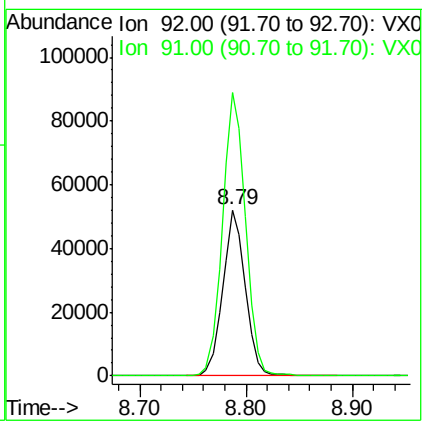


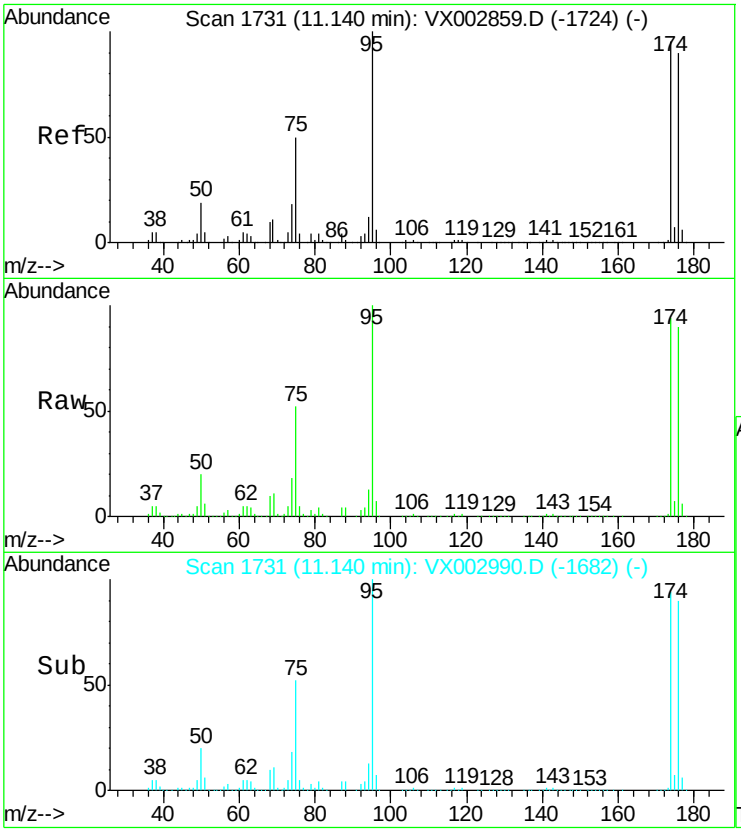


#52
Toluene
Concen: 10.12 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 92 Resp: 76909

Ion	Ratio	Lower	Upper
92	100		
91	175.4	140.4	210.6



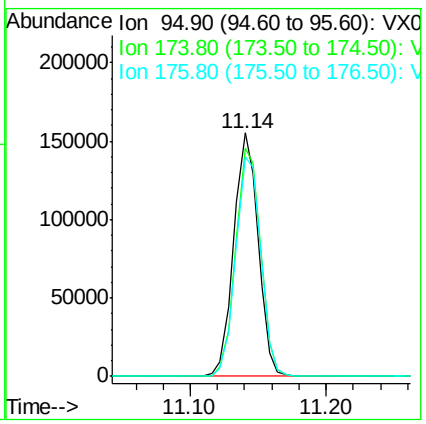


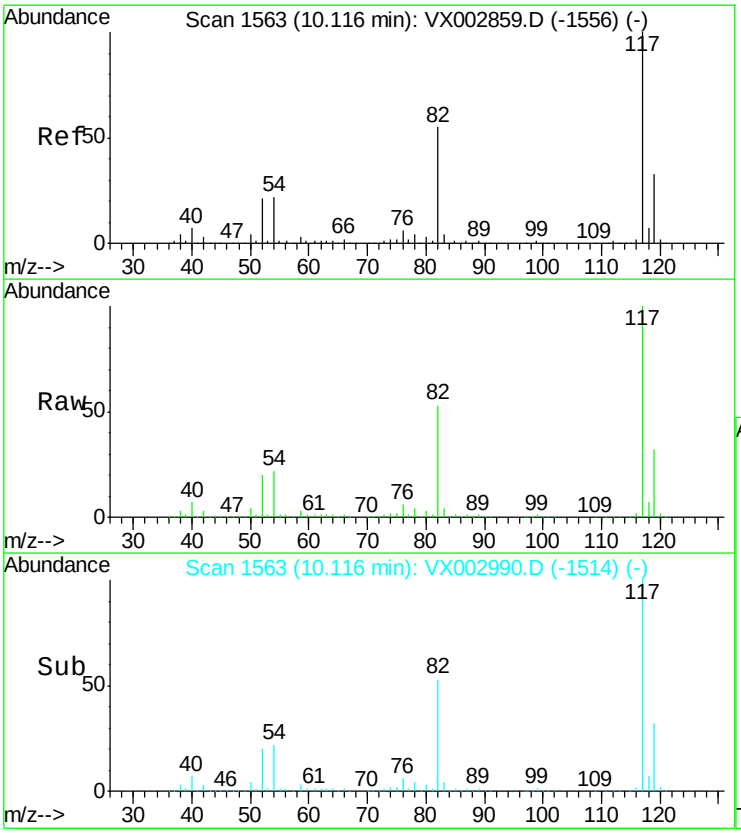
#62
4-Bromofluorobenzene
Concen: 46.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion: 95 Resp: 193634

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	187.4
176	92.7	0.0	181.0

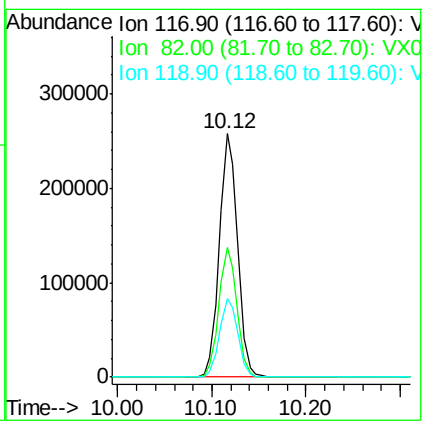


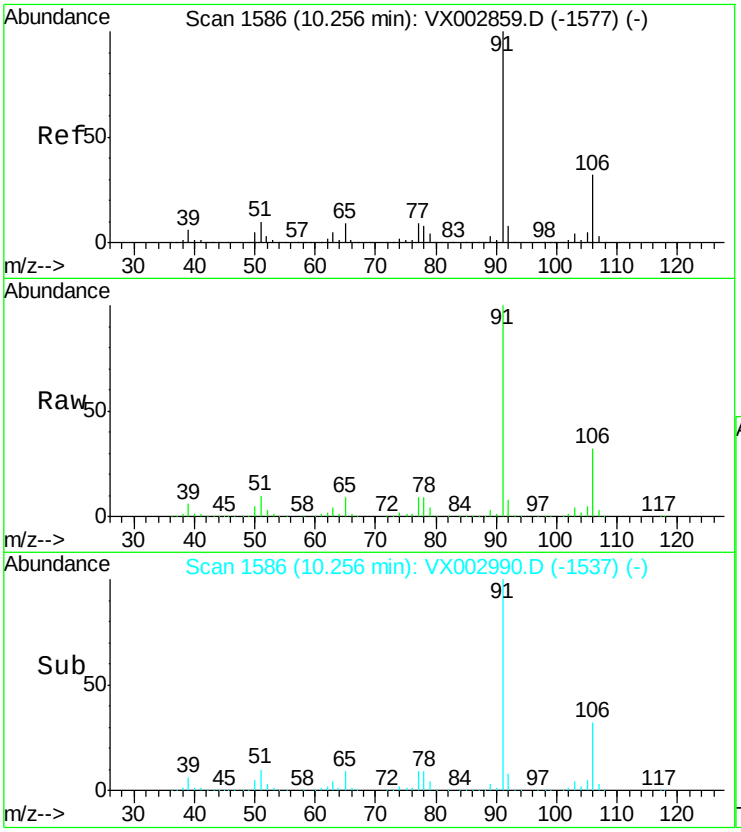


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:117 Resp: 344503

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.4	25.8	38.6



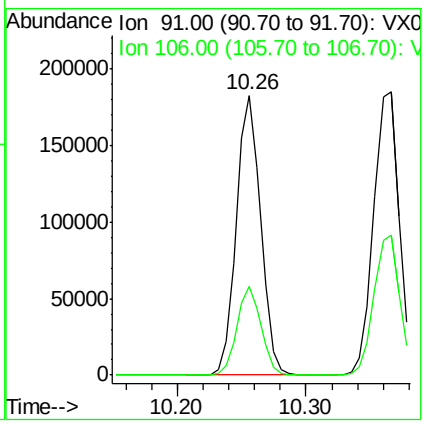


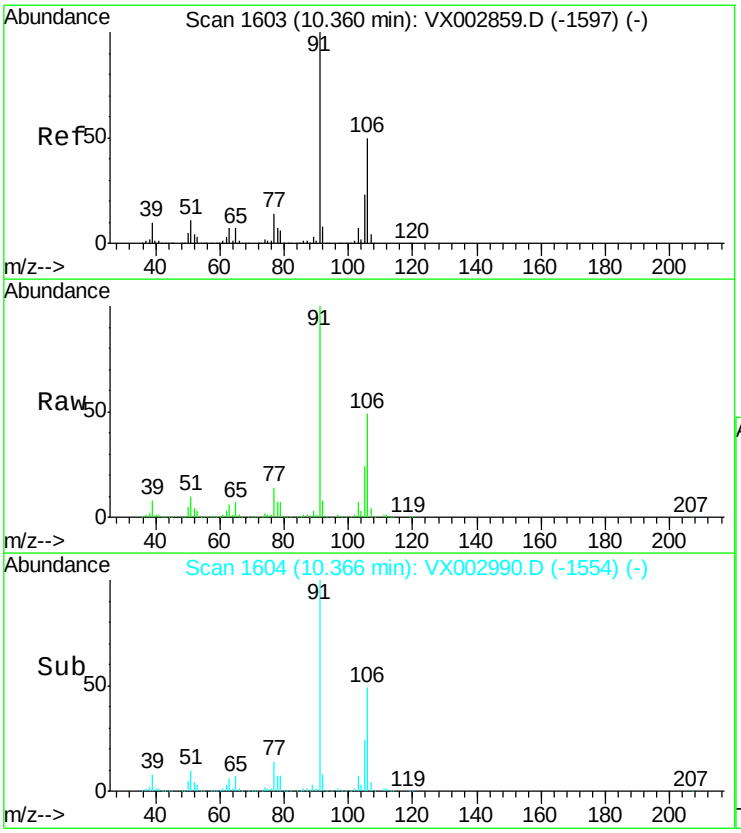
#67
Ethyl Benzene
Concen: 16.54 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument : MSVOA_X
ClientSampleId : QNWP8-26S-GW

Tgt Ion: 91 Resp: 239040

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.5	38.3

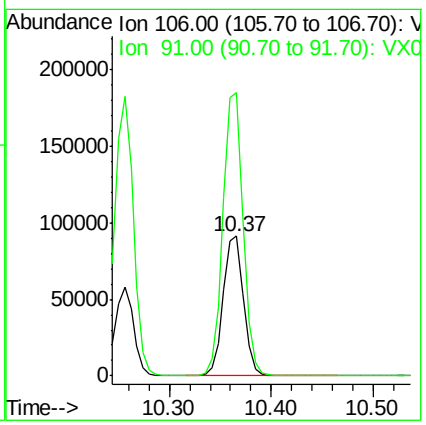


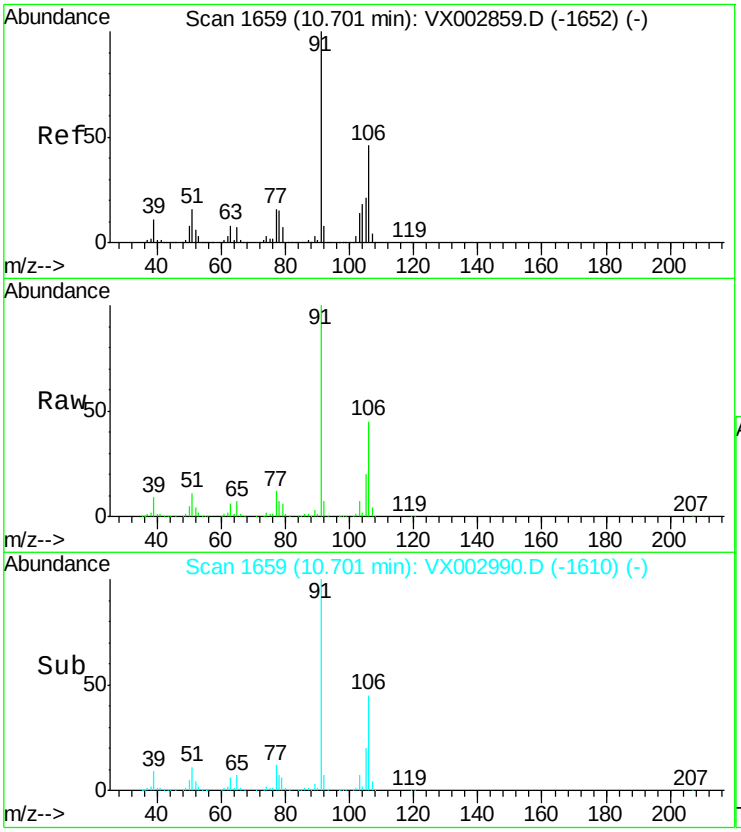


#68
m/p-Xylenes
Concen: 22.57 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:106 Resp: 125730

Ion	Ratio	Lower	Upper
106	100		
91	201.3	163.4	245.2



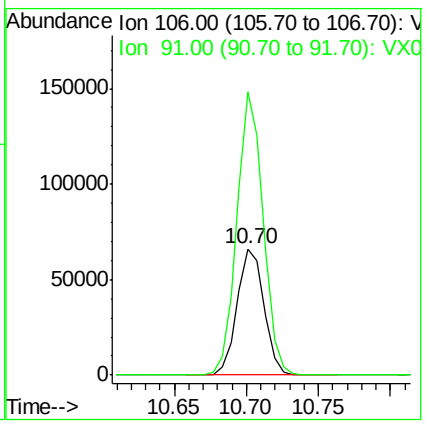


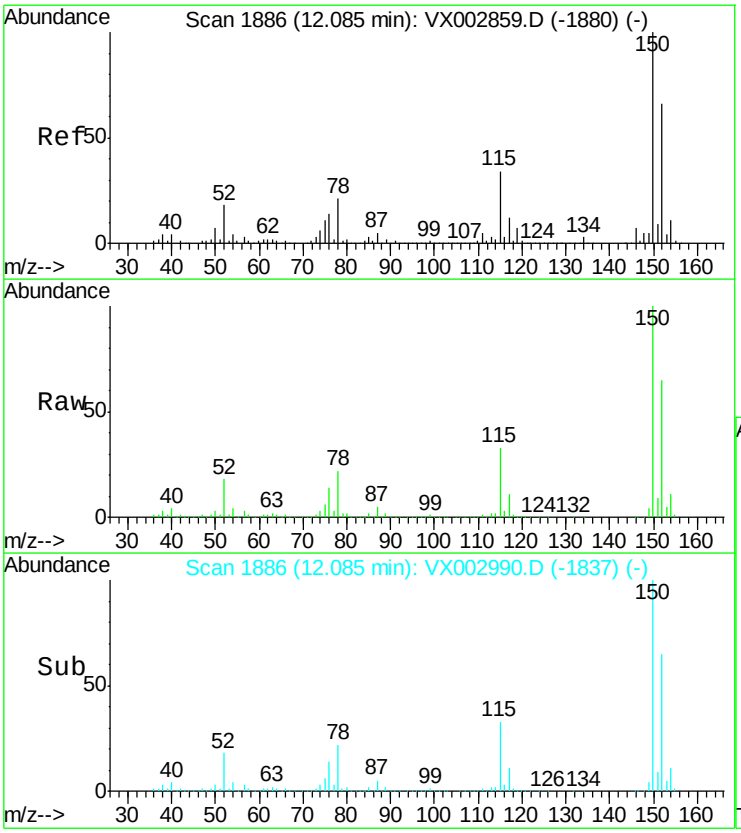
#69
o-Xylene
Concen: 15.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion:106 Resp: 85967

Ion	Ratio	Lower	Upper
106	100		
91	218.3	108.2	324.6

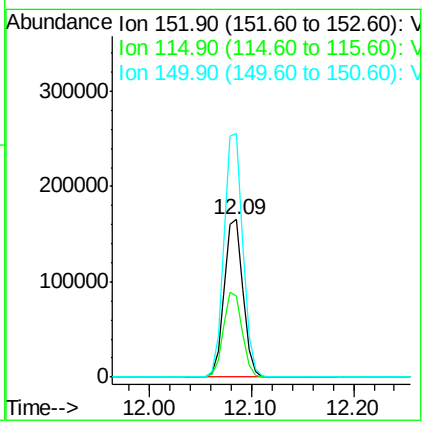


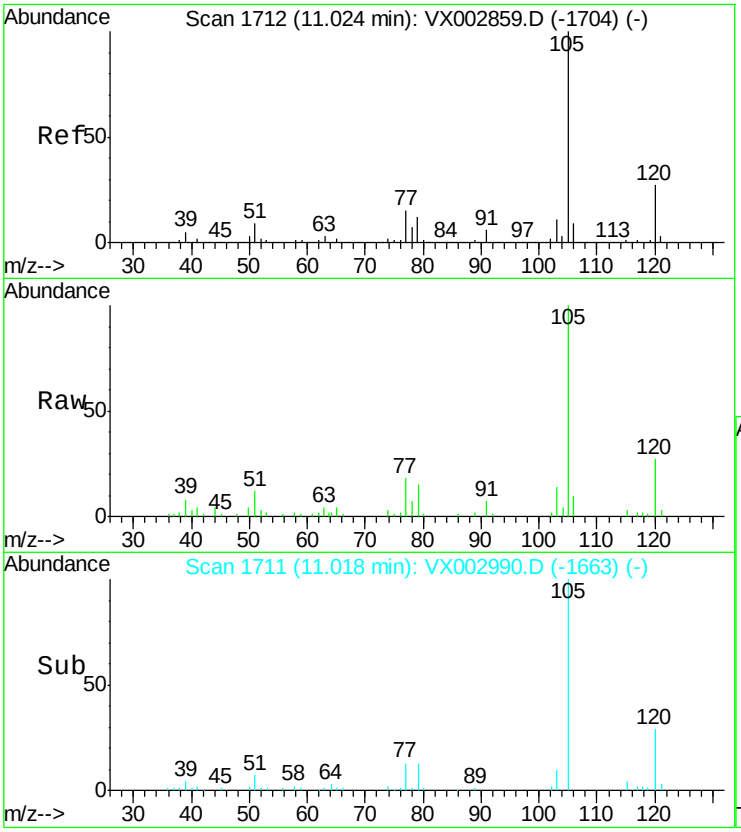


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:152 Resp: 209795

Ion	Ratio	Lower	Upper
152	100		
115	53.7	40.1	120.2
150	155.2	0.0	347.2



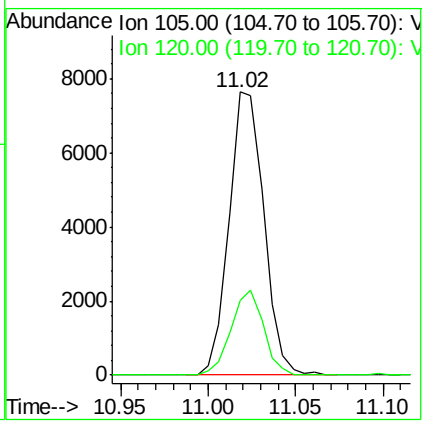


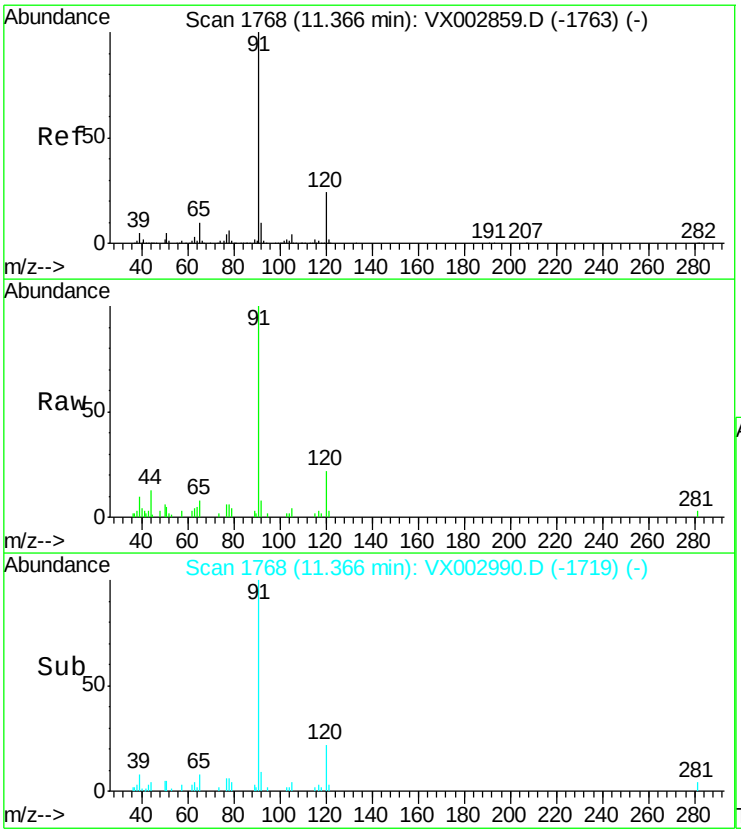
#73
Isopropylbenzene
Concen: 0.75 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion:105 Resp: 10601

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.5	40.4

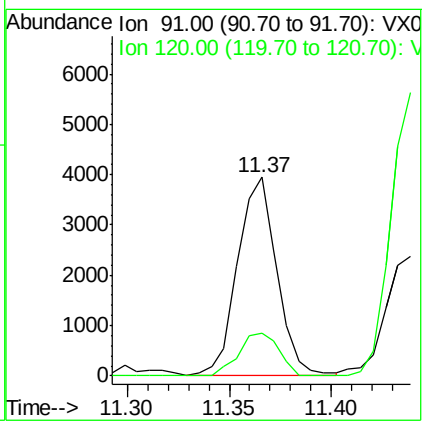


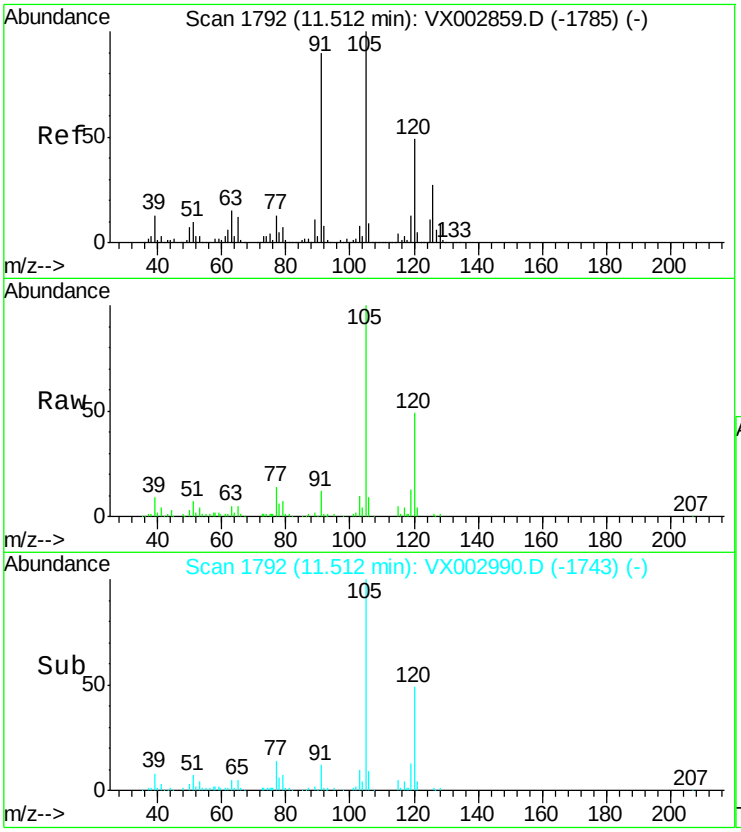


#78
n-propylbenzene
Concen: 0.33 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion: 91 Resp: 5294

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.8	35.4



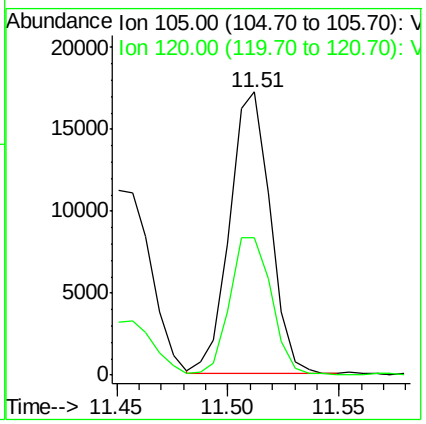


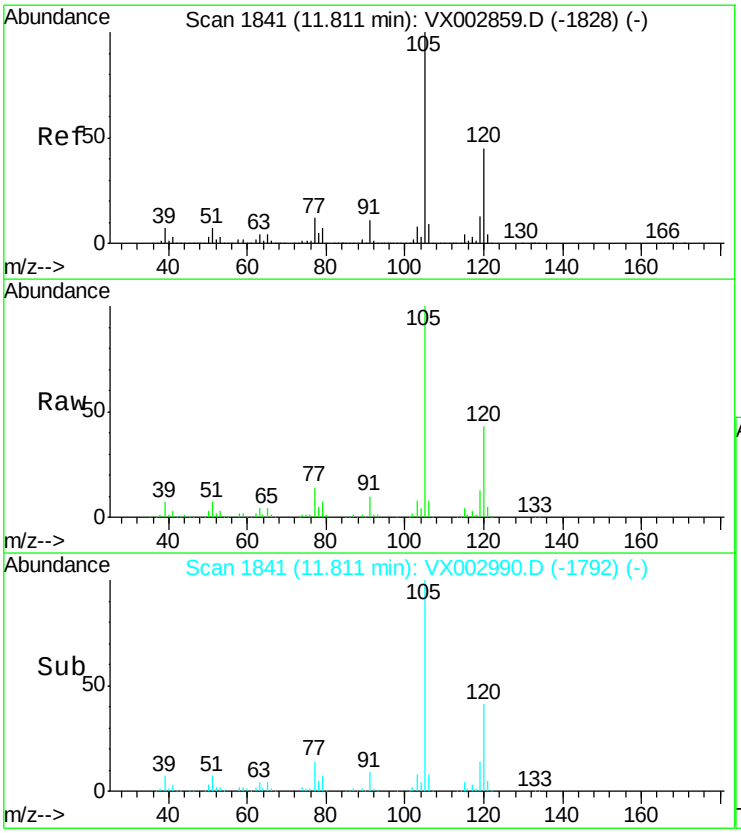
#80
1,3,5-Trimethylbenzene
Concen: 1.84 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion:105 Resp: 21839

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.4	73.4

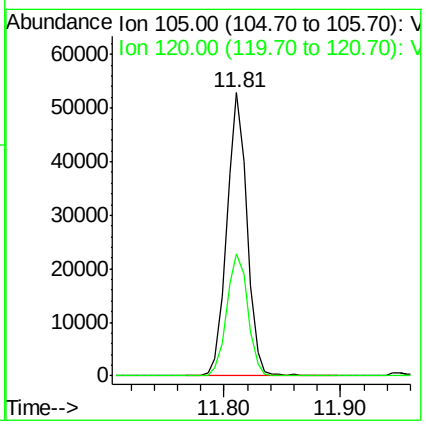


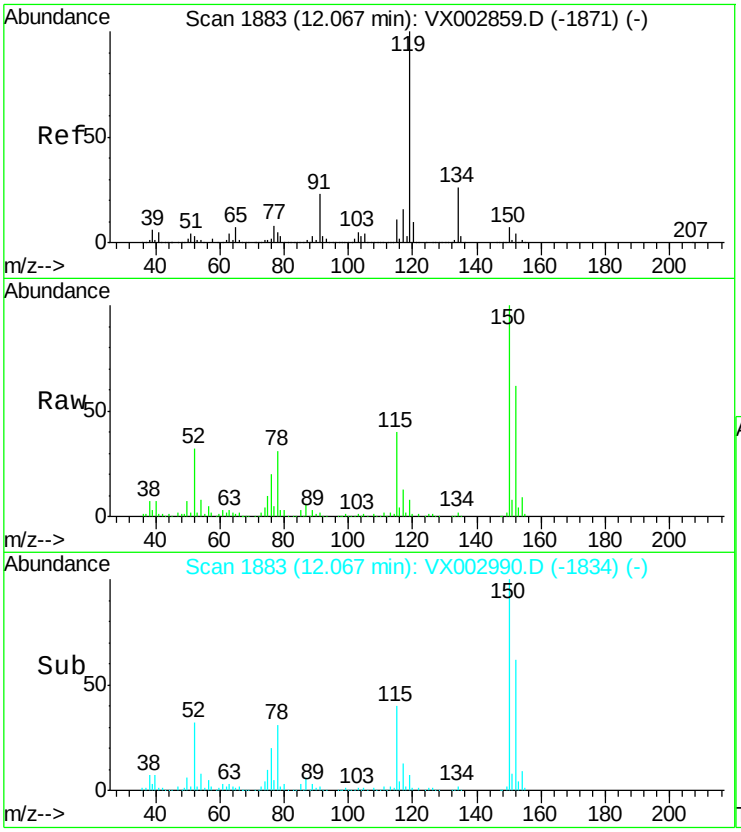


#84
1,2,4-Trimethylbenzene
Concen: 5.14 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:105 Resp: 63280

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8



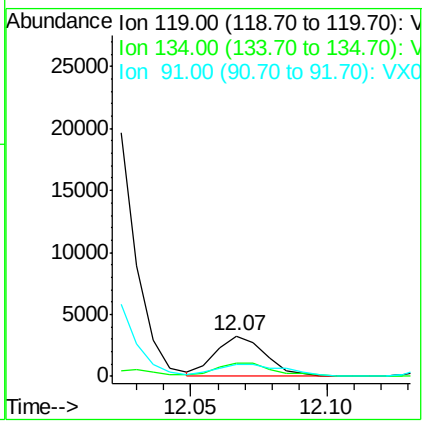


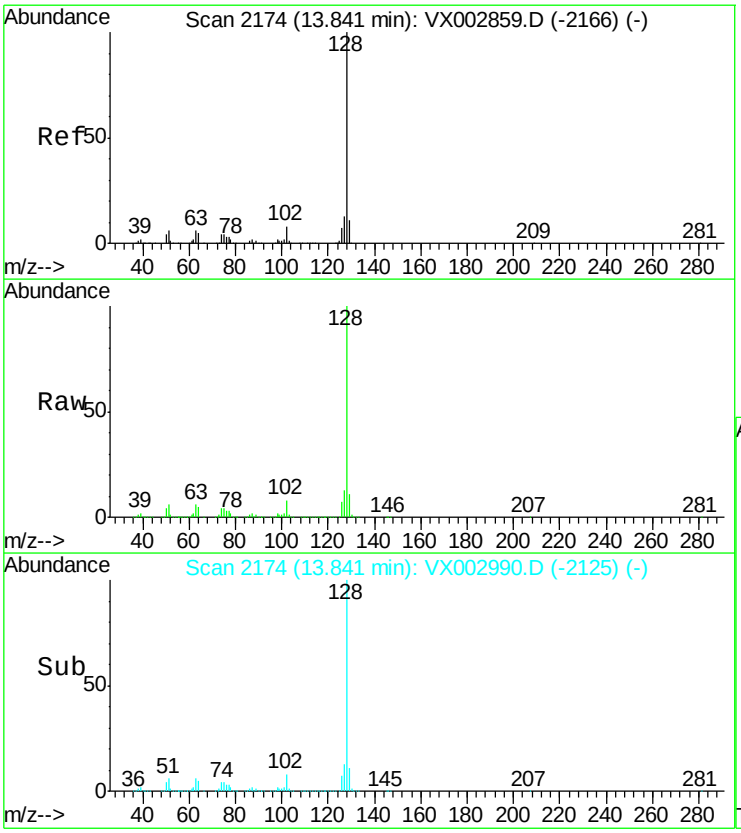
#86
p-Isopropyltoluene
Concen: 0.33 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-26S-GW

Tgt Ion:119 Resp: 4171

Ion	Ratio	Lower	Upper
119	100		
134	38.2	13.4	40.1
91	41.8	11.9	35.7#





#95
Naphthalene
Concen: 159.80 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002990.D
Acq: 28 Jun 2018 17:27

Tgt Ion:128 Resp: 2294944

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0