Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062218\
Data File : VV006410.D
Acq On : 22 Jun 2018 13:19
Operator : SY/MD
Sample : J3615-05 1000X
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEXW1

Quant Time: Jun 24 21:21:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 23:56:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	261206	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100161	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	69449	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.58	69	67084	5.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.40%			
11) 1,1-Dichloroethene-d2	2.13	63	90779	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	3.97	46	222221	73.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 146.72%#			
24) Chloroform-d	4.41	84	147474	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
26) 1,2-Dichloroethane-d4	5.09	65	78793	5.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.00%			
32) Benzene-d6	5.11	84	297552	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
36) 1,2-Dichloropropane-d6	6.12	67	97284	5.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.60%			
41) Toluene-d8	7.37	98	243154	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	7.67	79	27103	3.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.60%			
46) 2-Hexanone-d5	8.14	63	177107	54.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.90%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63177	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	93032	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	38241	1.90	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	140840	7.96	ug/L #	98
33) Benzene	5.15	78	139002	2.18	ug/L	100
42) Toluene	7.44	91	9012158	128.25	ug/L	94
51) Chlorobenzene	8.93	112	30047	0.67	ug/L	98
52) Ethylbenzene	9.06	91	132114	1.69	ug/L	99
53) m,p-xylene	9.19	106	240392	7.87	ug/L	99
54) o-xylene	9.59	106	82921	2.78	ug/L	98

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

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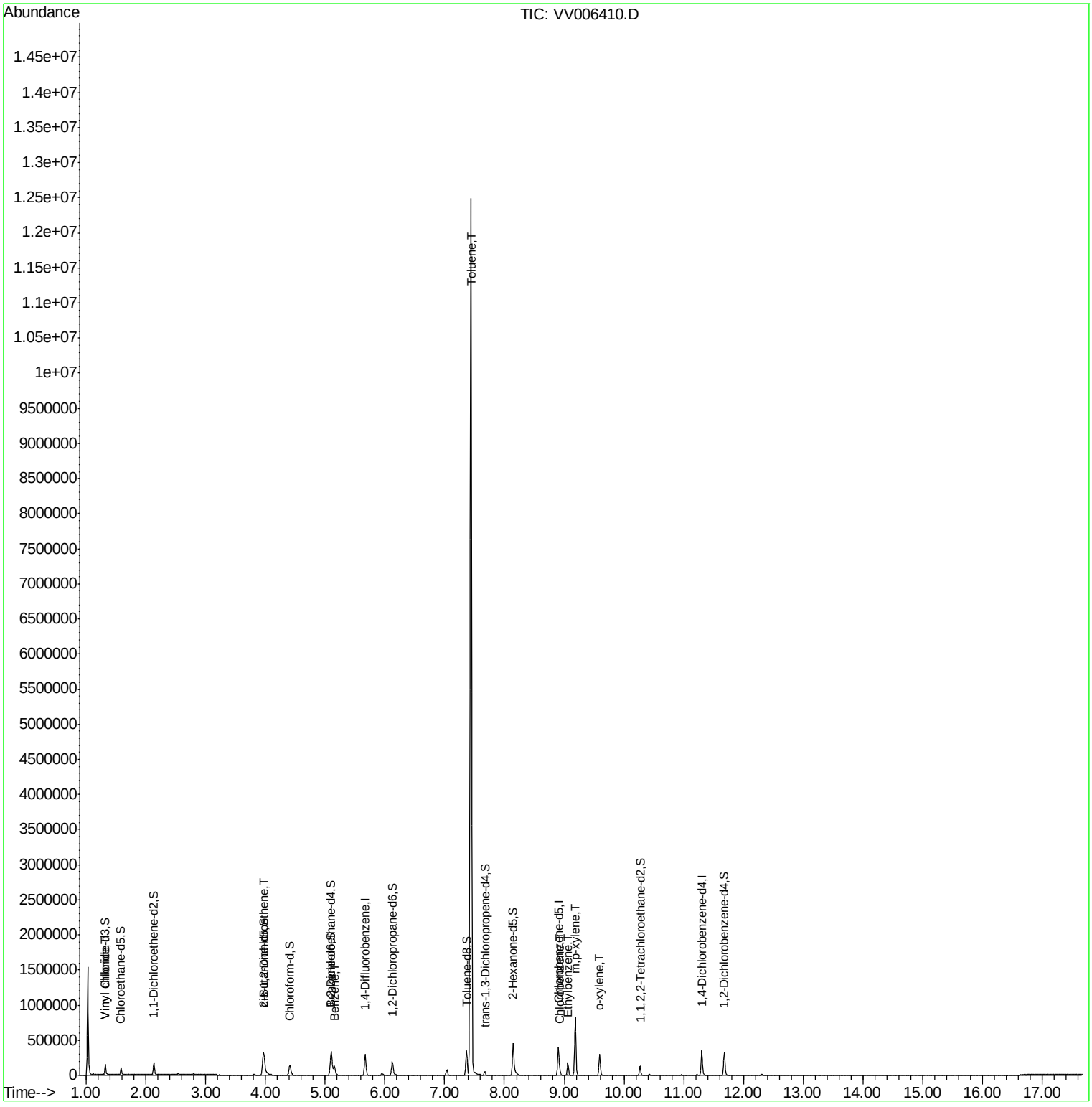
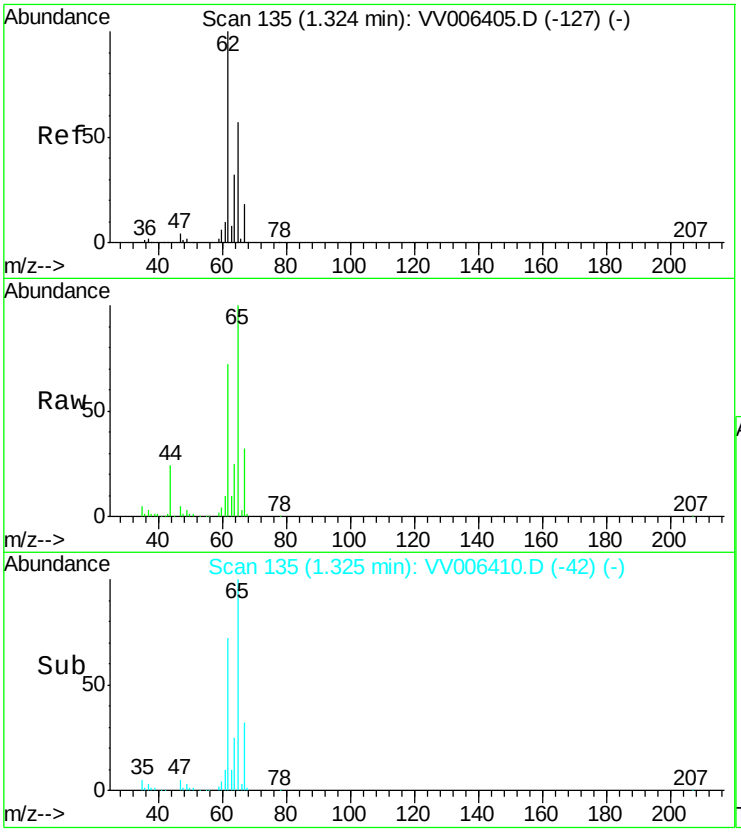


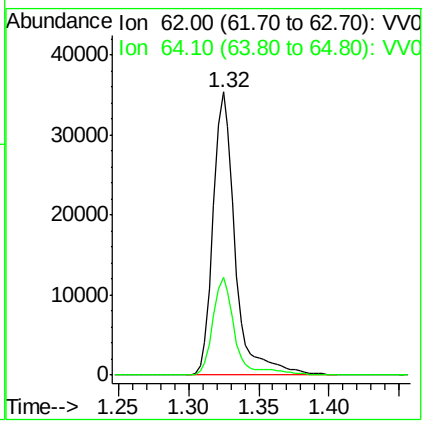


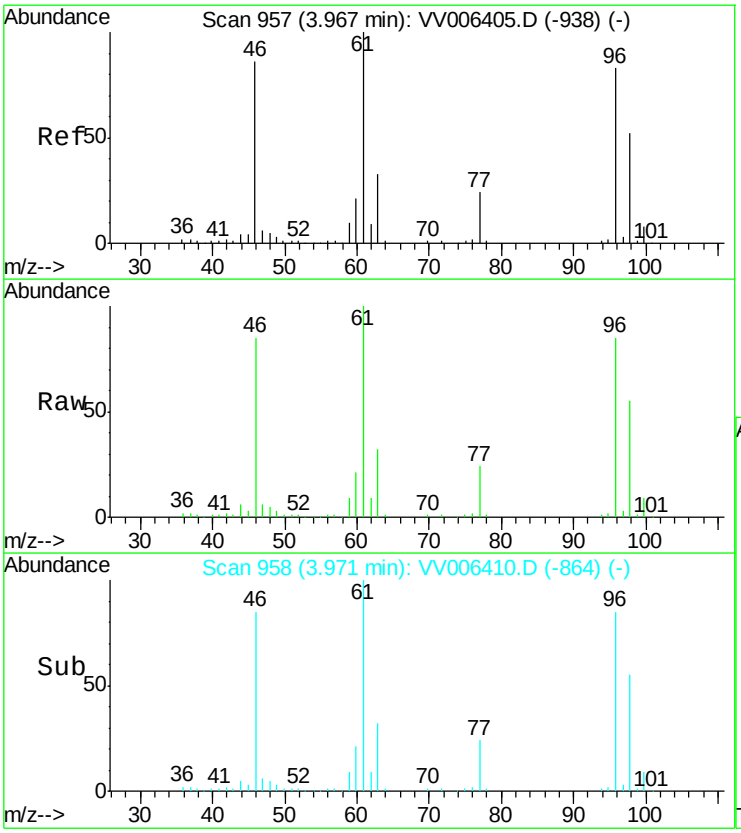
#5
Vinyl chloride
Concen: 1.90 ug/L
RT: 1.32 min Scan# 135
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Instrument :
MSVOA_V
ClientSampleId :
BEXW1

Tgt Ion: 62 Resp: 38241

Ion	Ratio	Lower	Upper
62	100		
64	34.3	23.1	42.9

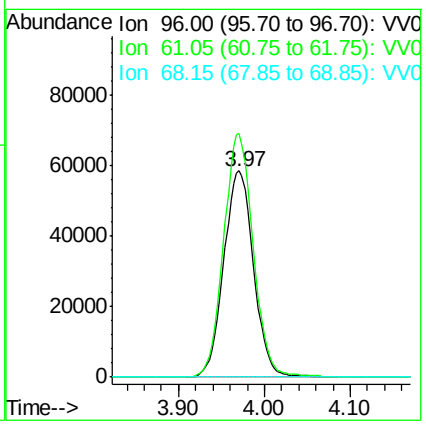


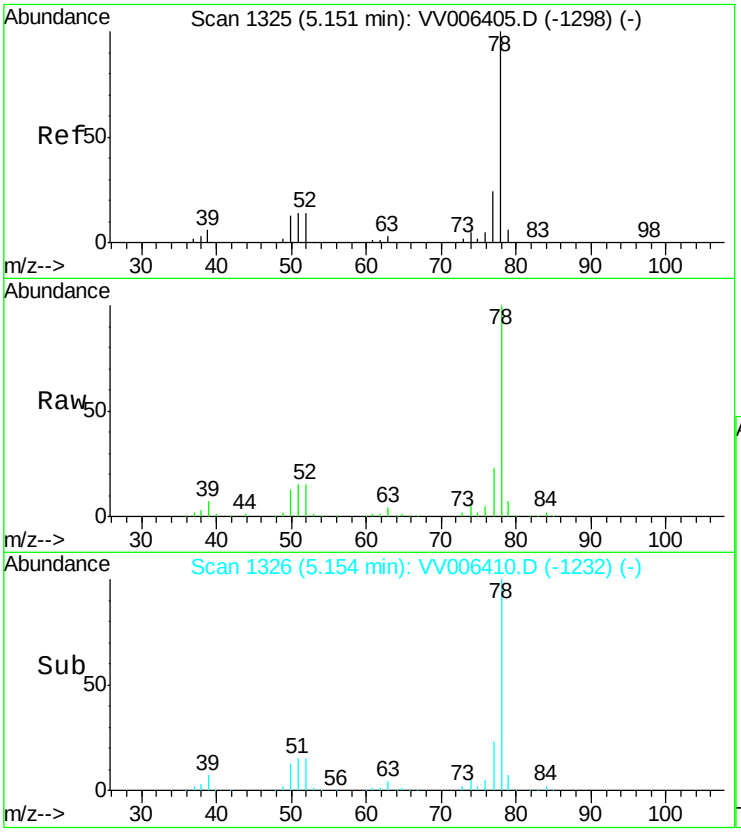


#22
cis-1,2-Dichloroethene
Concen: 7.96 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Tgt Ion: 96 Resp: 140840

Ion	Ratio	Lower	Upper
96	100		
61	118.0	84.1	156.3
68	0.0	0.3	0.5#

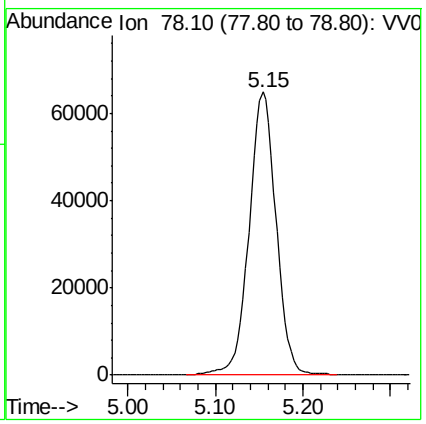


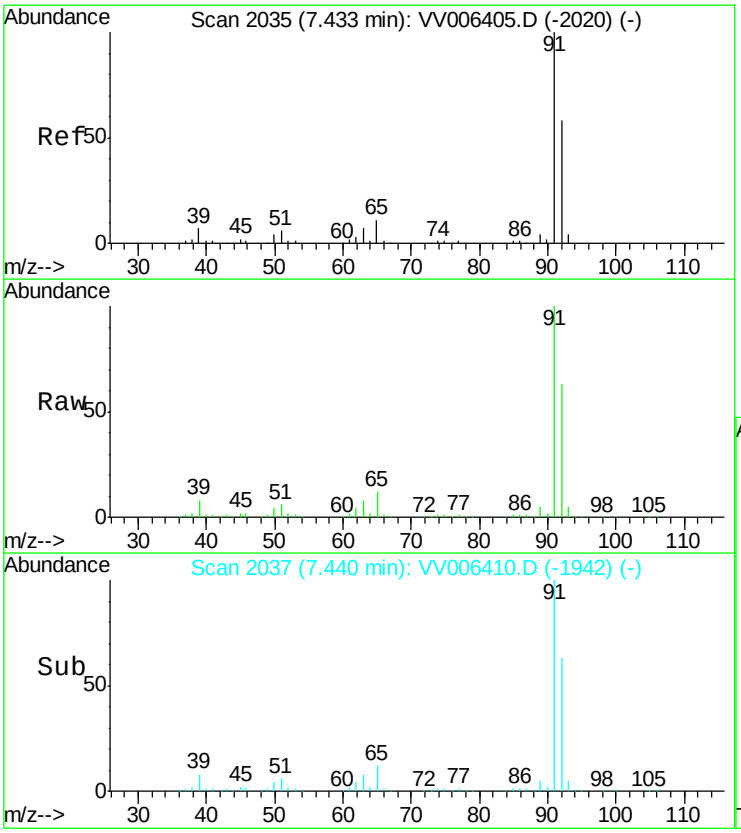


#33
Benzene
Concen: 2.18 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Instrument :
MSVOA_V
ClientSampleId :
BEXW1

Tgt Ion: 78 Resp: 139002

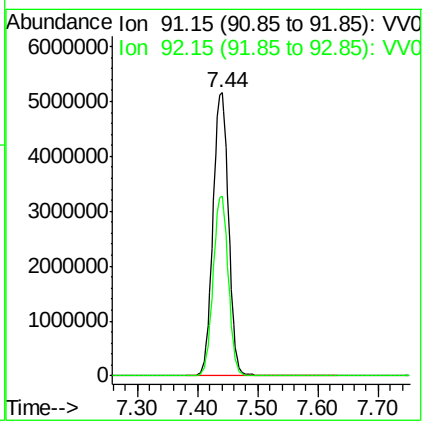


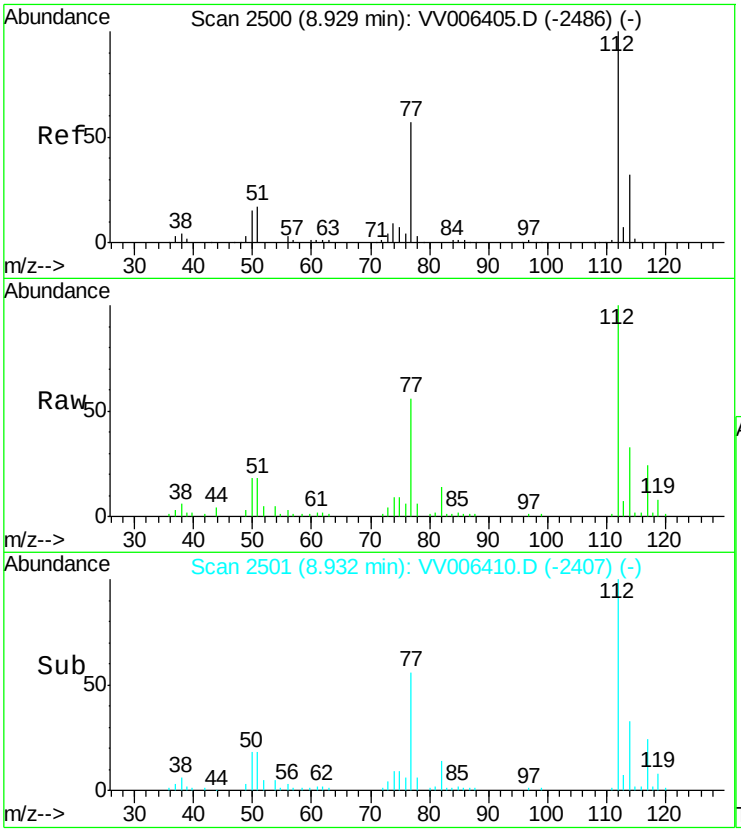


#42
Toluene
Concen: 128.25 ug/L
RT: 7.44 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Tgt Ion: 91 Resp: 9012158

Ion	Ratio	Lower	Upper
91	100		
92	63.4	41.1	76.3



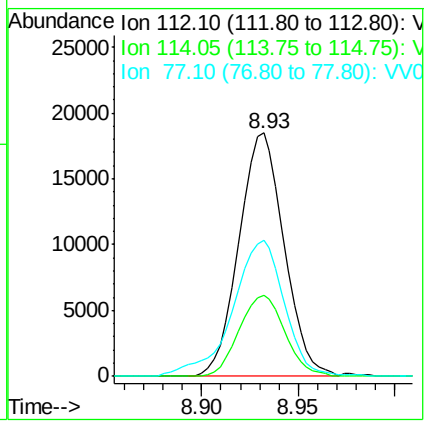


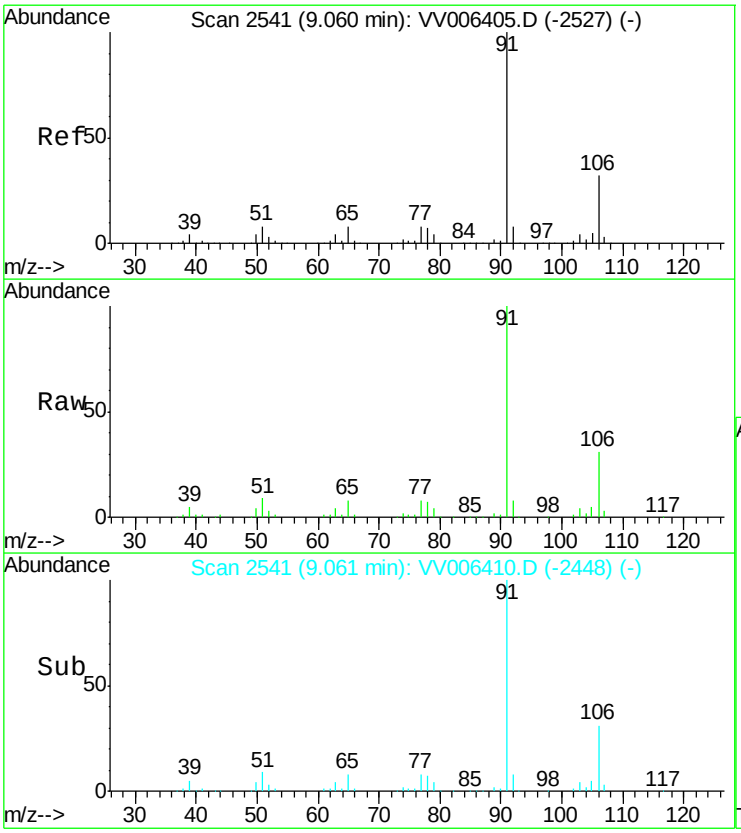
#51
Chlorobenzene
Concen: 0.67 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Instrument : MSVOA_V
ClientSampleId : BEXW1

Tgt Ion:112 Resp: 30047

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.2	41.2
77	55.7	45.2	67.8

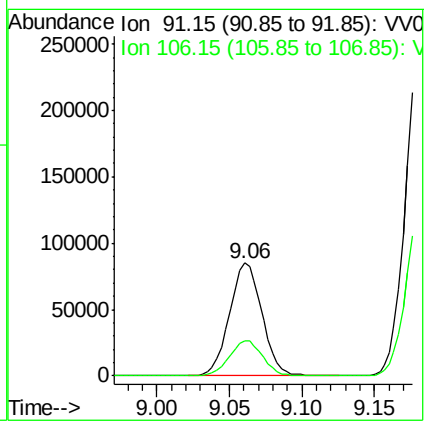


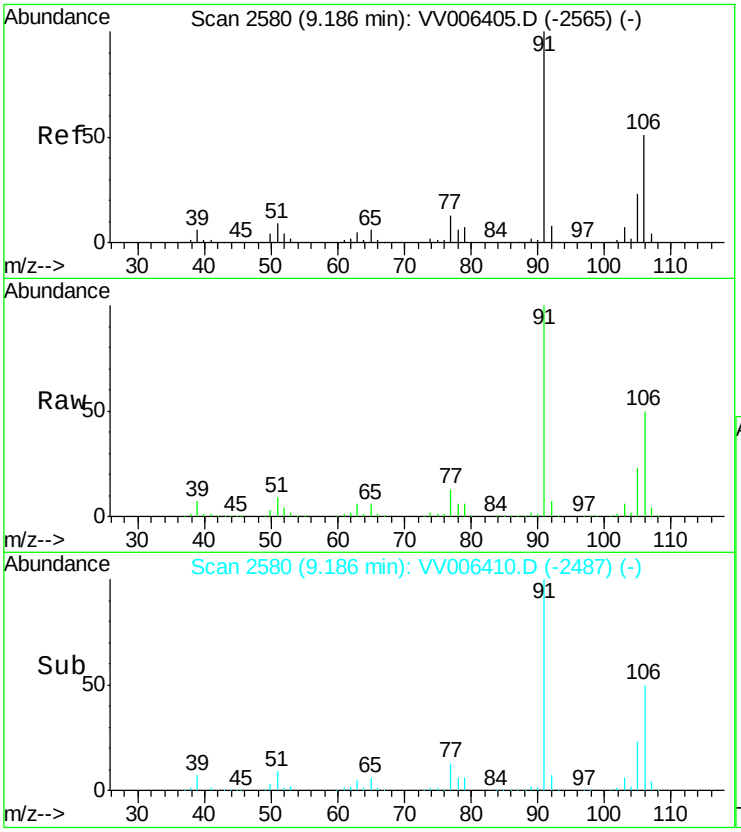


#52
Ethylbenzene
Concen: 1.69 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Tgt Ion: 91 Resp: 132114

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.9	40.7



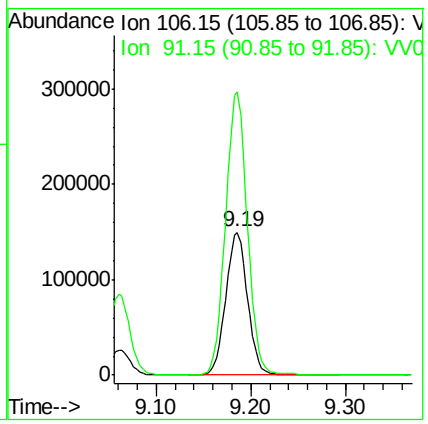


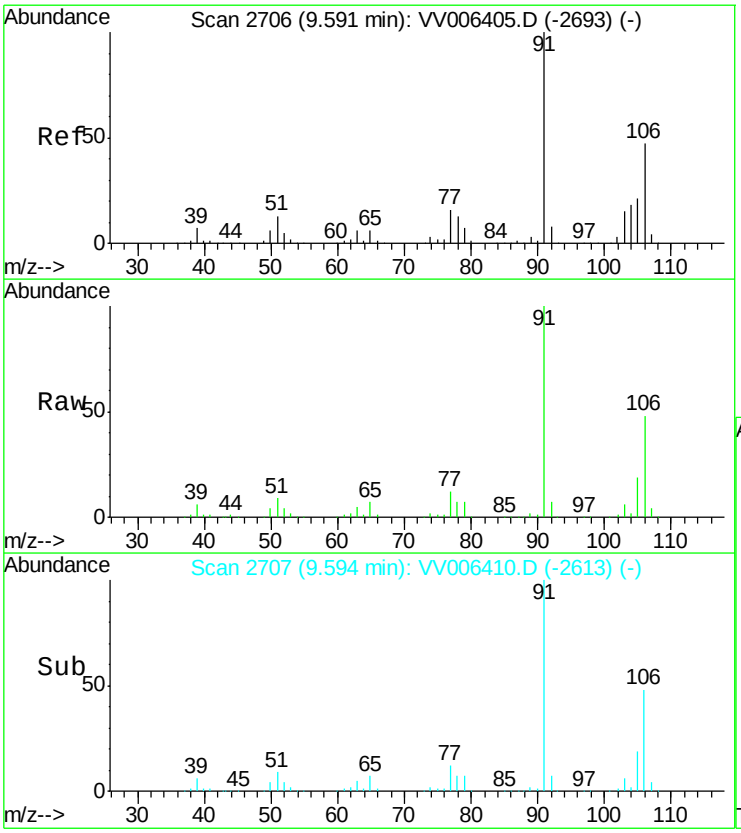
#53
m,p-xylene
Concen: 7.87 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Instrument :
MSVOA_V
ClientSampleId :
BEXW1

Tgt Ion:106 Resp: 240392

Ion	Ratio	Lower	Upper
106	100		
91	198.5	139.7	259.4





#54
o-xylene
Concen: 2.78 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV006410.D
Acq: 22 Jun 2018 13:19

Tgt Ion:106 Resp: 82921

Ion	Ratio	Lower	Upper
106	100		
91	207.8	147.9	274.7