Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007790.D
Acq On : 23 Sep 2018 15:58
Operator : SY/MD
Sample : J5014-05MS
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 68 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E8JB4MS

Quant Time: Sep 24 08:09:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	184476	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183300	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106283	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36139	36.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.08%			
7) Chloroethane-d5	1.59	69	37949	41.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.30%			
11) 1,1-Dichloroethene-d2	2.14	63	104264	44.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.22%			
21) 2-Butanone-d5	3.95	46	64946	98.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.08%			
24) Chloroform-d	4.41	84	91670	42.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.09	65	63577	46.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.86%			
32) Benzene-d6	5.11	84	183105	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.92%			
36) 1,2-Dichloropropane-d6	6.13	67	55459	44.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.14%			
41) Toluene-d8	7.36	98	191687	43.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.08%			
43) trans-1,3-Dichloropropene-	7.67	79	25091	40.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.00%			
47) 2-Hexanone-d5	8.14	63	51964	94.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.84%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89608	46.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.28%			
64) 1,2-Dichlorobenzene-d4	11.68	152	102566	46.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.82%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.15	96	60724	49.629	ug/L	96
20) cis-1,2-Dichloroethene	3.97	96	2936	2.372	ug/L	85
33) Benzene	5.15	78	215145	49.001	ug/L	100
34) Trichloroethene	5.96	95	61903	47.672	ug/L	98
42) Toluene	7.44	91	255444	49.082	ug/L	100
51) Chlorobenzene	8.93	112	180275	48.087	ug/L	100
52) Ethylbenzene	9.06	91	8576	1.458	ug/L	94
56) Isopropylbenzene	9.98	105	25037	4.042	ug/L	98

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

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QLast Update : Mon Sep 24 07:19:48 2018
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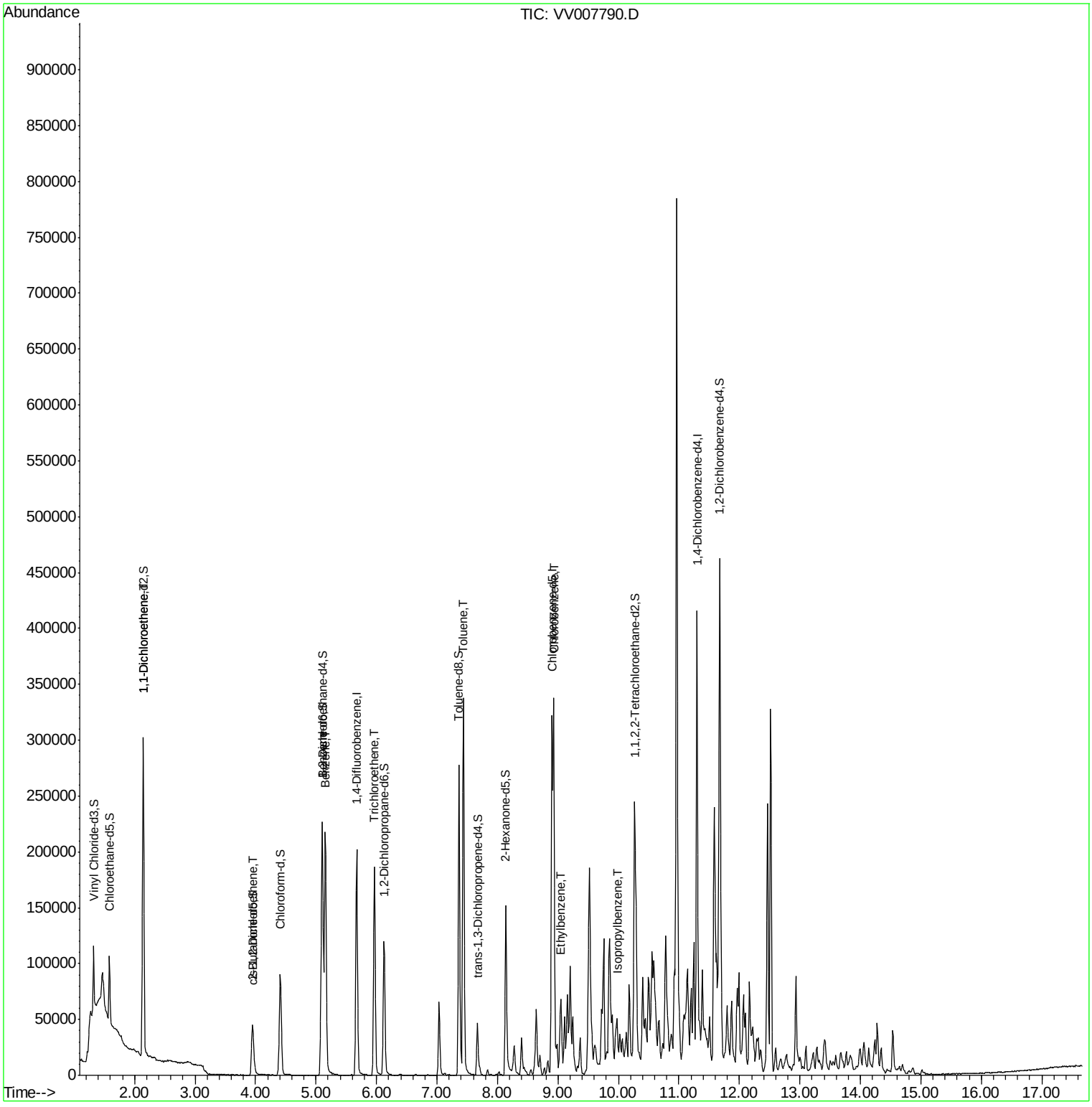
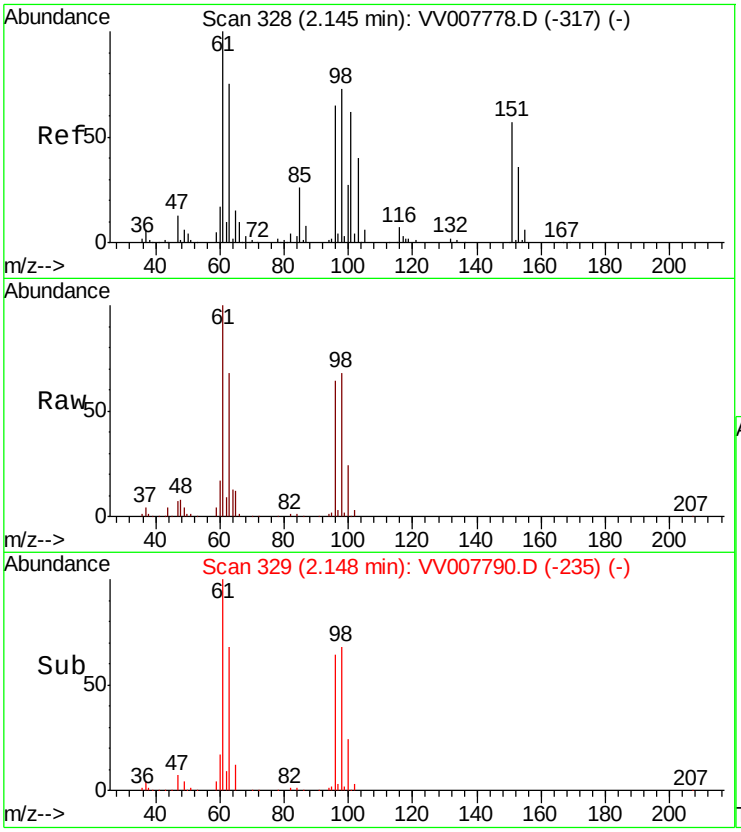


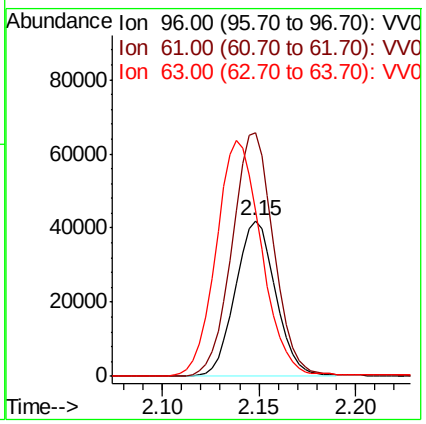


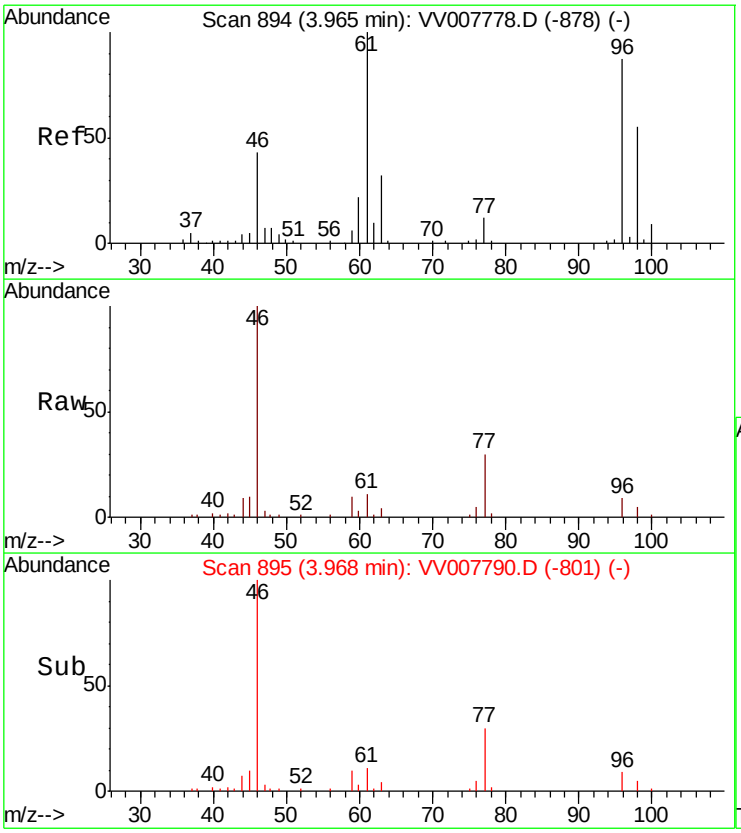
#12
1,1-Dichloroethene
Concen: 49.629 ug/L
RT: 2.15 min Scan# 329
Delta R.T. 0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MS

Tgt Ion: 96 Resp: 60724

Ion	Ratio	Lower	Upper
96	100		
61	156.4	107.3	199.3
63	106.5	78.8	146.4

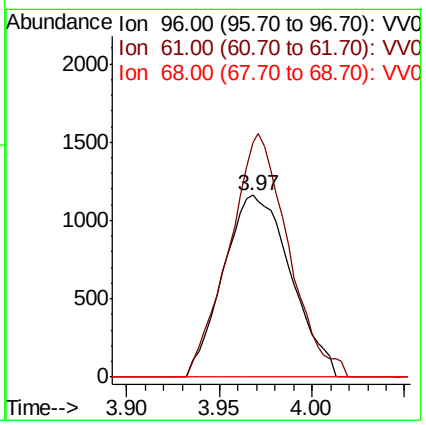


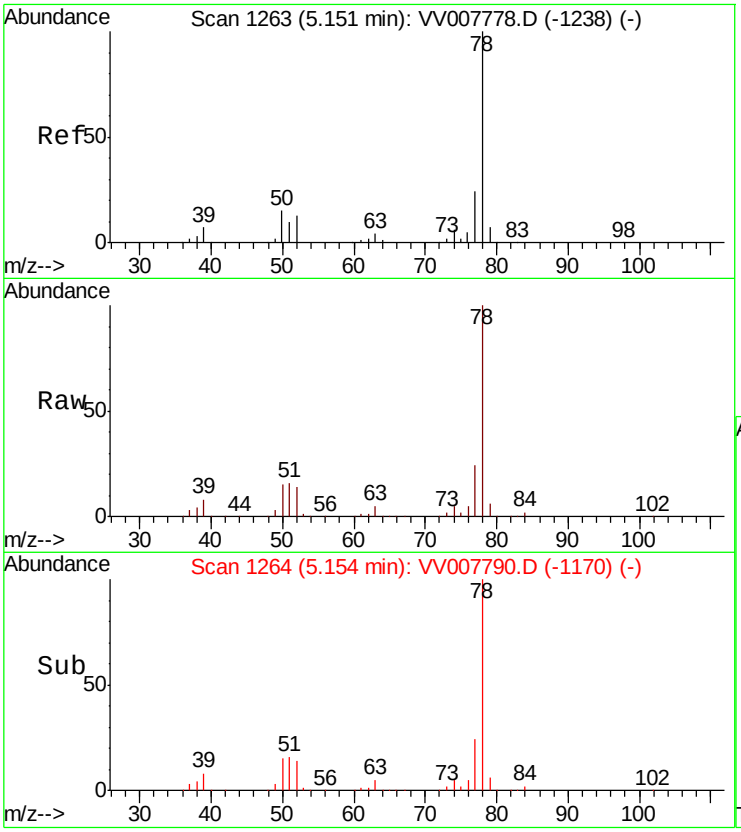


#20
cis-1,2-Dichloroethene
Concen: 2.372 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Tgt Ion: 96 Resp: 2936

Ion	Ratio	Lower	Upper
96	100		
61	129.1	78.8	146.3
68	0.0	0.0	0.0

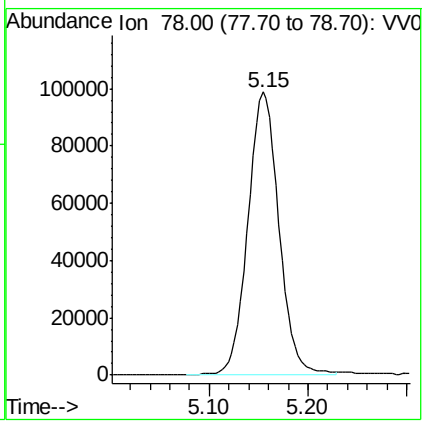


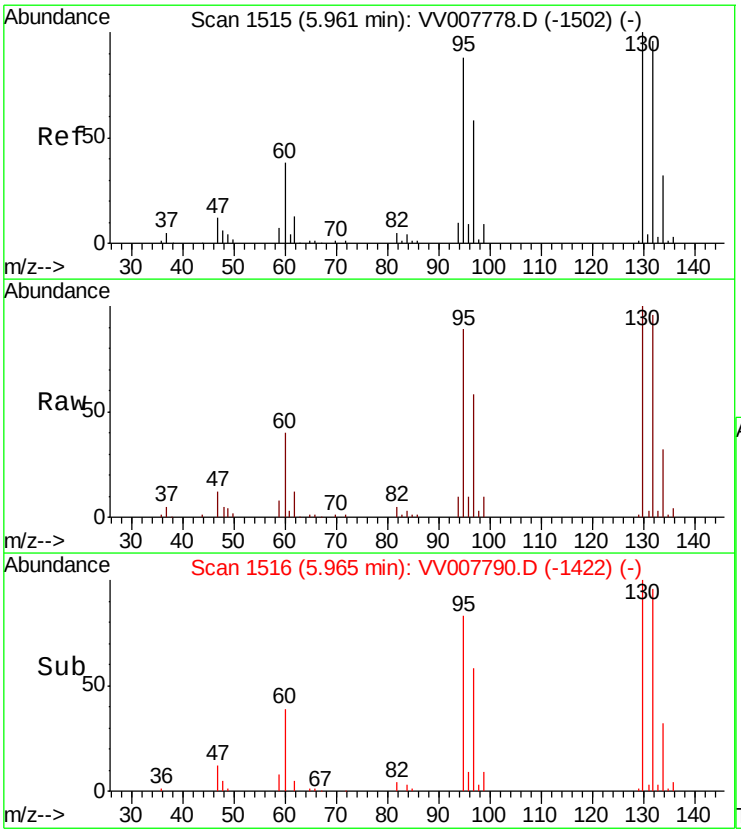


#33
Benzene
Concen: 49.001 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MS

Tgt Ion: 78 Resp: 215145

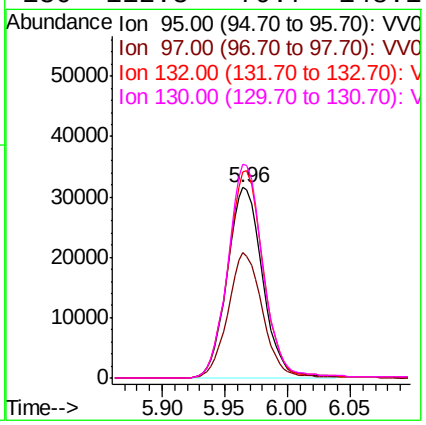


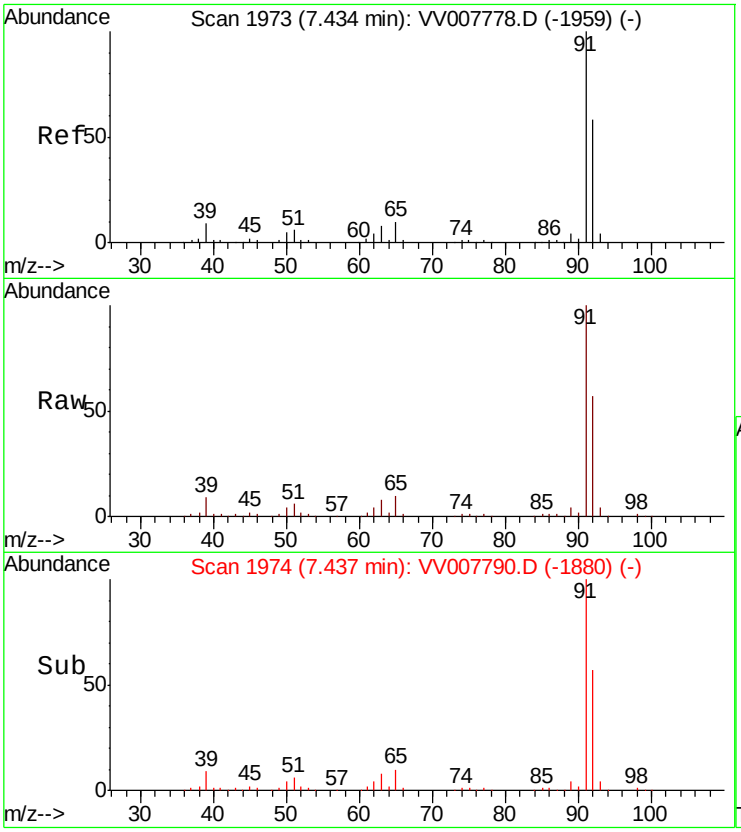


#34
Trichloroethene
Concen: 47.672 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Tgt Ion: 95 Resp: 61903

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.2	84.0
132	108.4	77.7	144.3
130	112.3	79.7	148.1



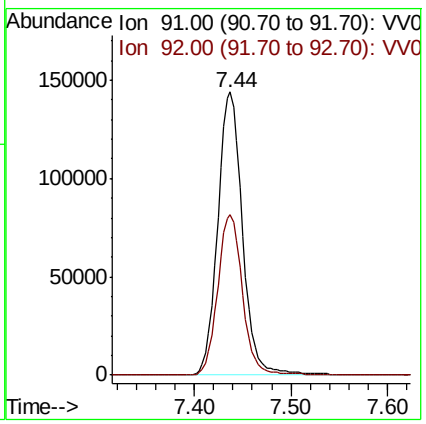


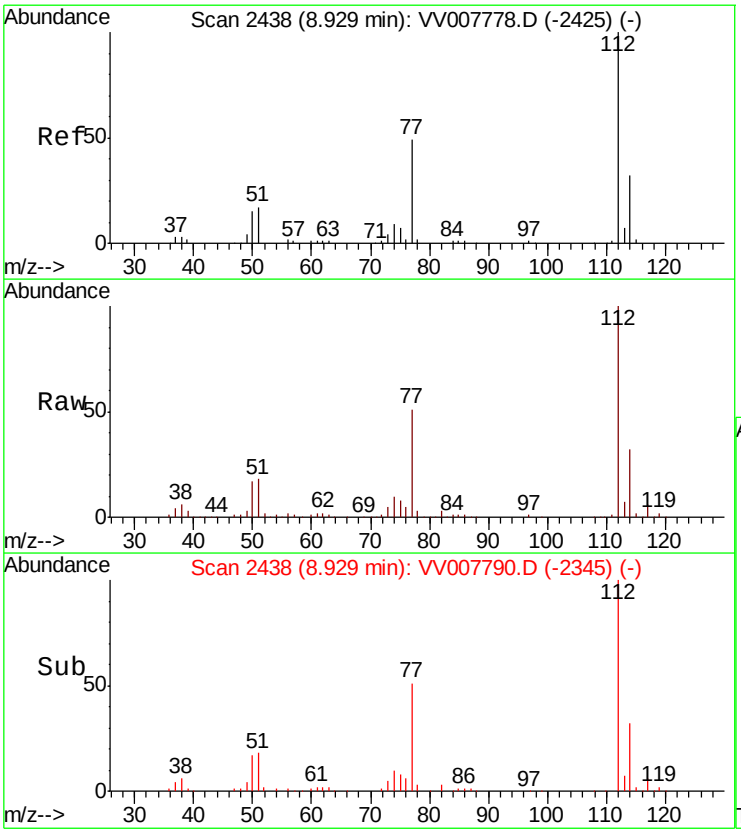
#42
Toluene
Concen: 49.082 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Instrument : MSVOA_V
ClientSampleId : E8JB4MS

Tgt Ion: 91 Resp: 255444

Ion	Ratio	Lower	Upper
91	100		
92	56.8	39.7	73.7

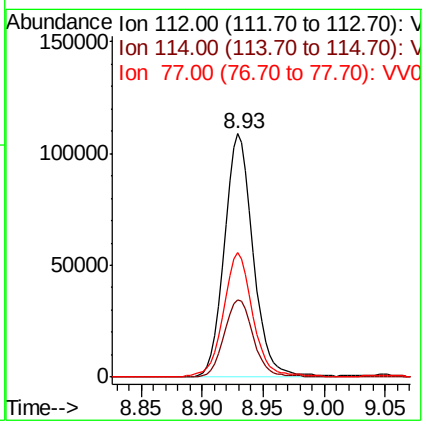


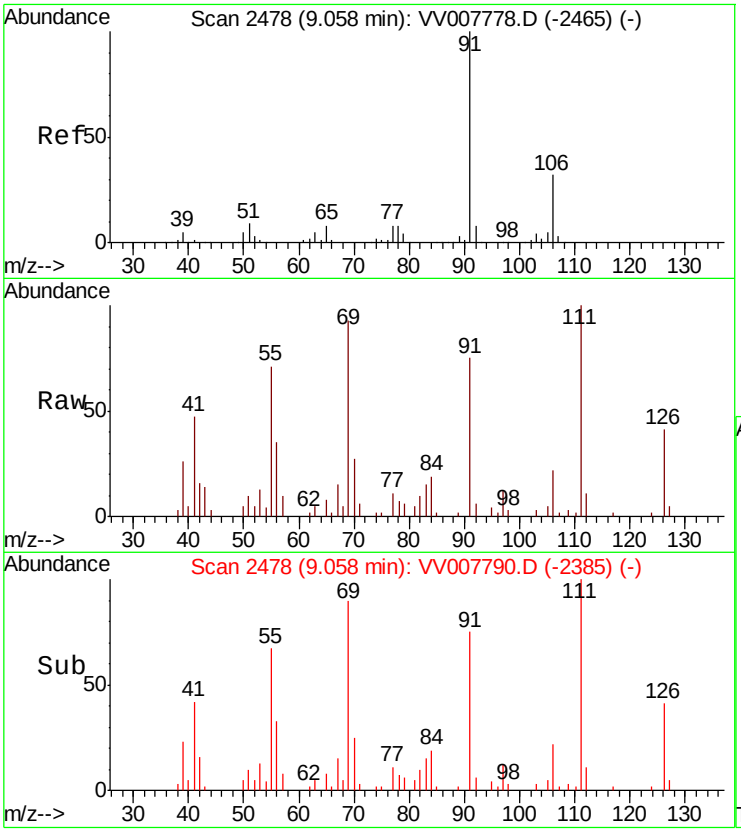


#51
Chlorobenzene
Concen: 48.087 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Tgt Ion:112 Resp: 180275

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.3
77	51.0	40.6	60.8



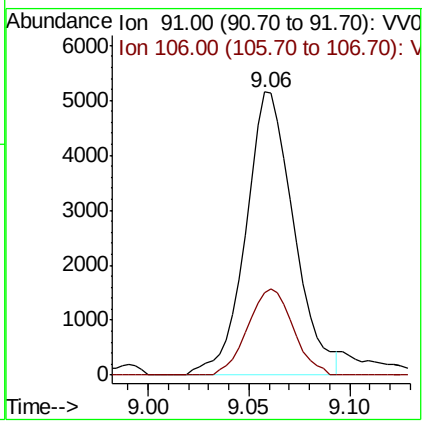


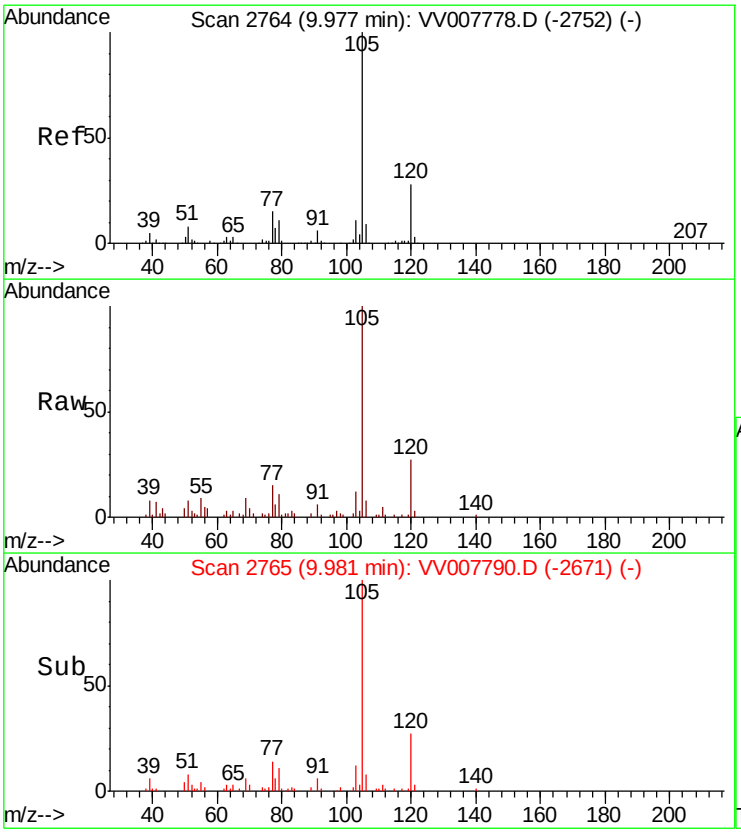
#52
Ethylbenzene
Concen: 1.458 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Instrument : MSVOA_V
ClientSampleId : E8JB4MS

Tgt Ion: 91 Resp: 8576

Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.7	42.1





#56
Isopropylbenzene
Concen: 4.042 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV007790.D
Acq: 23 Sep 2018 15:58

Tgt Ion:105 Resp: 25037

Ion	Ratio	Lower	Upper
105	100		
120	27.5	22.0	33.0
77	17.3	12.1	18.1