Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
Data File : VV006633.D
Acq On : 18 Jul 2018 17:09
Operator : SY/MD
Sample : J3983-08
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB174

Quant Time: Jul 19 03:06:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91530	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	100710	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.58	69	73081	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.13	63	127082	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	3.98	46	196881	68.11	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.22%#			
24) Chloroform-d	4.41	84	148650	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.09	65	70747	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
32) Benzene-d6	5.10	84	314689	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.12	67	100181	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.36	98	272380	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.67	79	31382	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.14	63	165782	42.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.94%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69578	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	101467	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1450151	55.89	ug/L	89
12) 1,1-Dichloroethene	2.14	96	20989	1.21	ug/L #	31
18) trans-1,2-Dichloroethene	2.79	96	6480121	340.85	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	8582680	430.32	ug/L	98
34) Trichloroethene	5.96	95	567284	31.33	ug/L	99
47) Tetrachloroethene	8.02	164	5878	0.41	ug/L	93
52) Ethylbenzene	9.06	91	20395	0.26	ug/L	98
53) m,p-xylene	9.19	106	9473	0.31	ug/L	96
54) o-xylene	9.59	106	6111	0.21	ug/L	88

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

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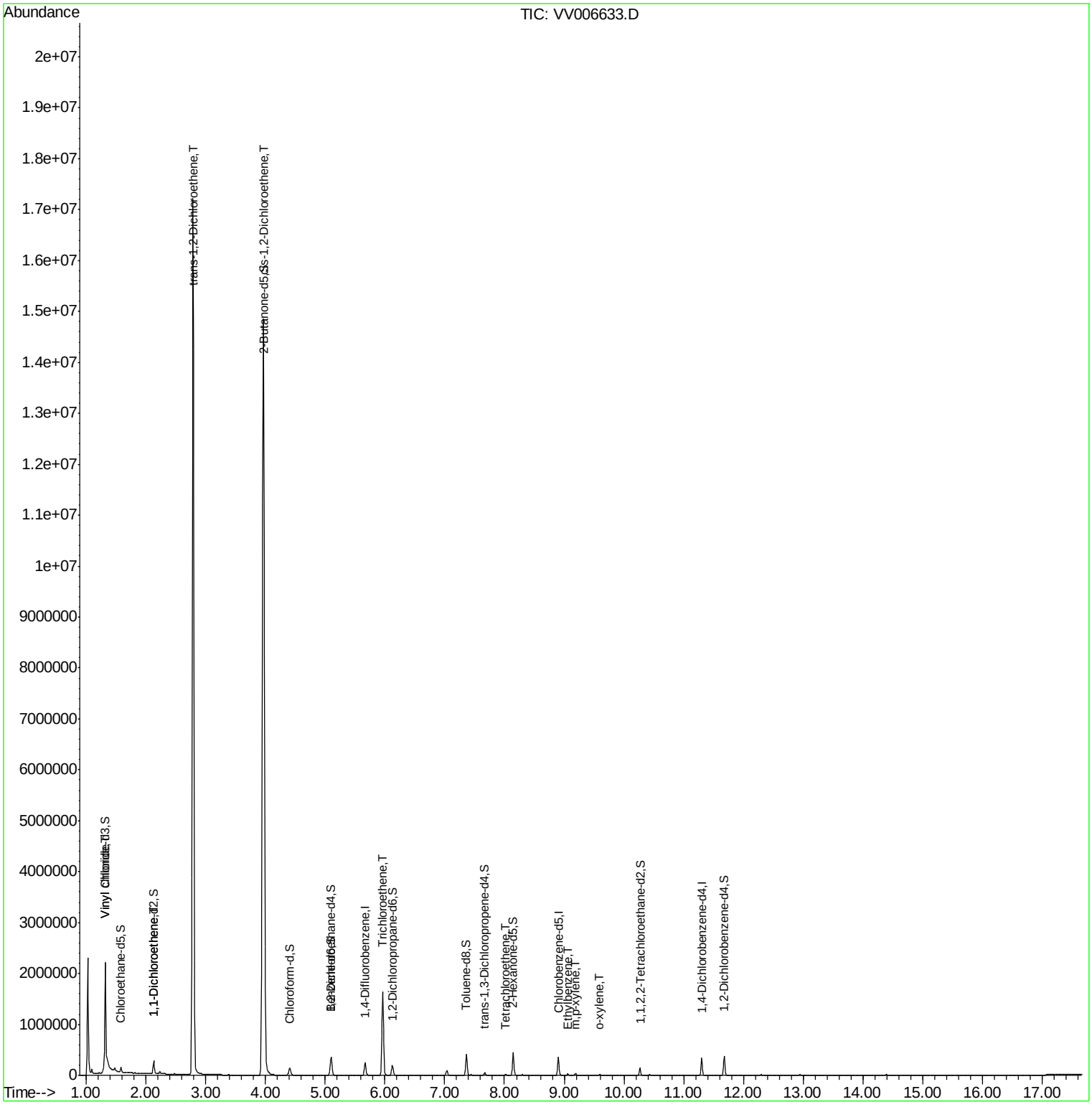
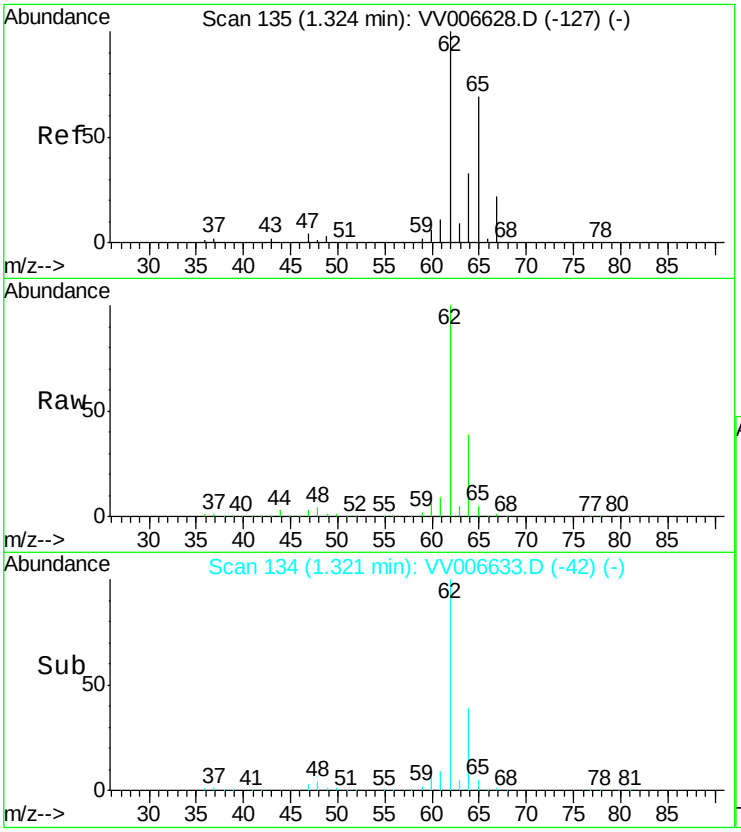


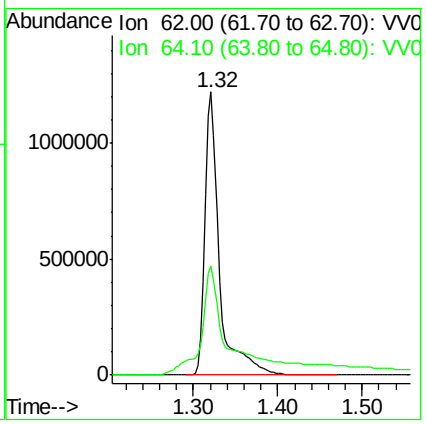


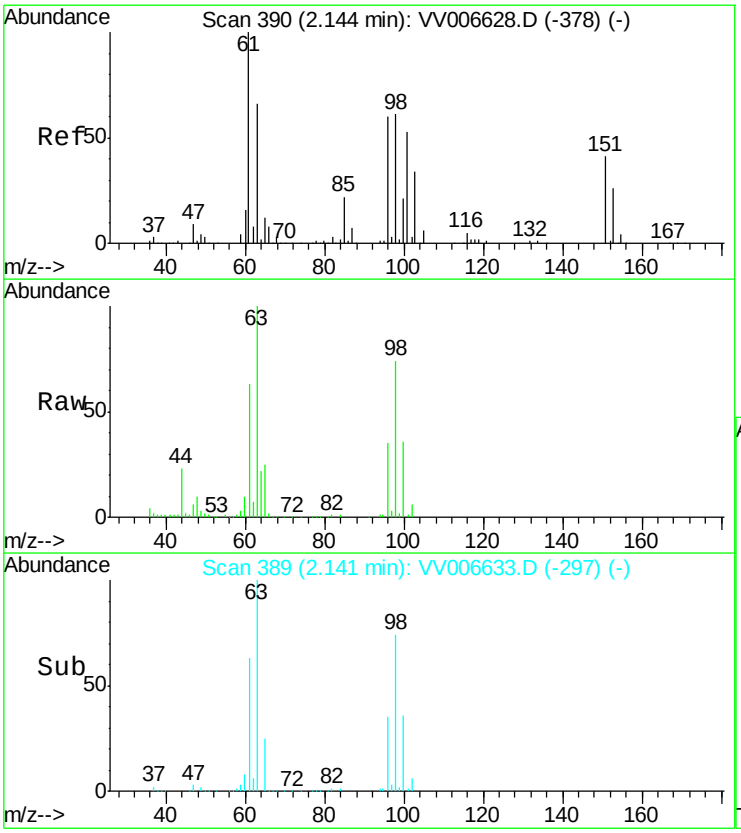
#5
Vinyl chloride
Concen: 55.89 ug/L
RT: 1.32 min Scan# 134
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Instrument : MSVOA_V
ClientSampleId : DB174

Tgt Ion: 62 Resp: 1450151

Ion	Ratio	Lower	Upper
62	100		
64	38.7	22.6	42.0

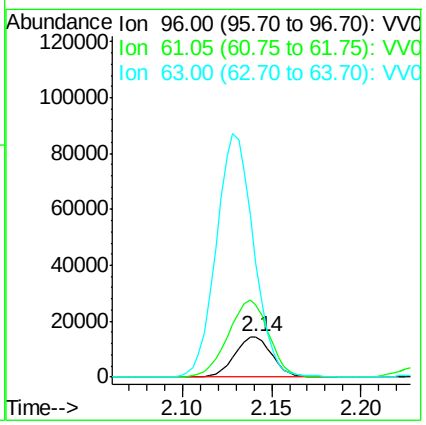


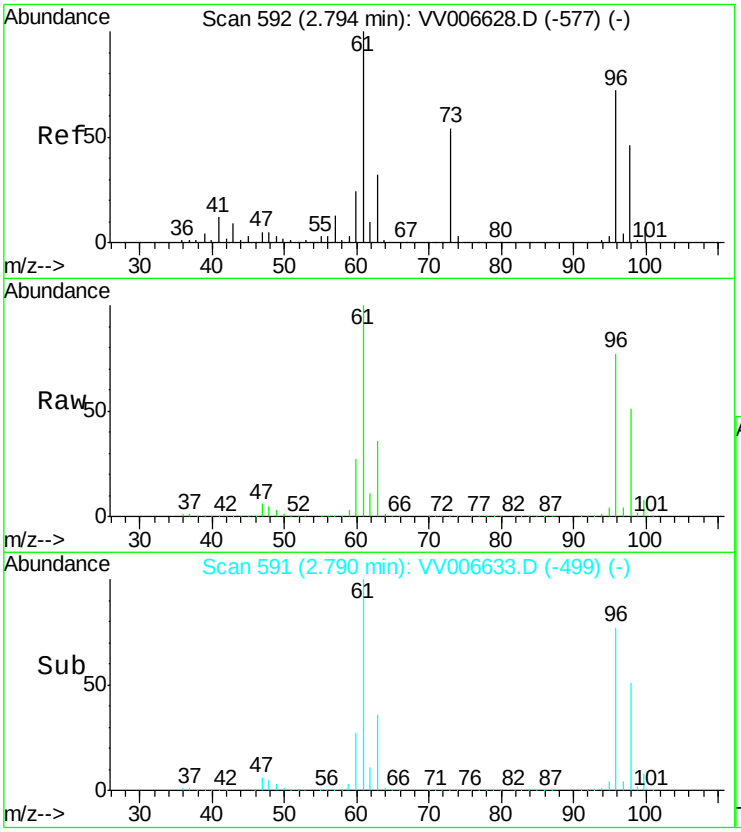


#12
1,1-Dichloroethene
Concen: 1.21 ug/L
RT: 2.14 min Scan# 389
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion: 96 Resp: 20989

Ion	Ratio	Lower	Upper
96	100		
61	178.5	114.9	213.5
63	282.2	81.9	152.1#



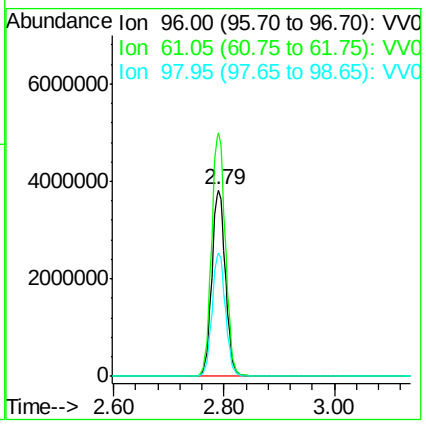


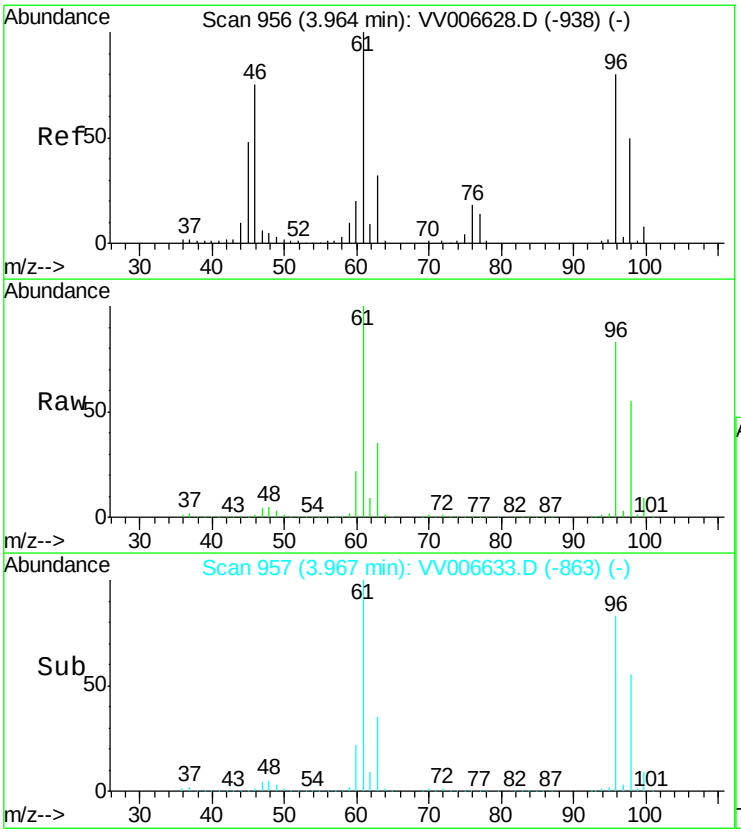
#18
trans-1,2-Dichloroethene
Concen: 340.85 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Instrument :
MSVOA_V
ClientSampleId :
DB174

Tgt Ion: 96 Resp: 6480121

Ion	Ratio	Lower	Upper
96	100		
61	130.5	98.1	182.1
98	66.3	44.4	82.4

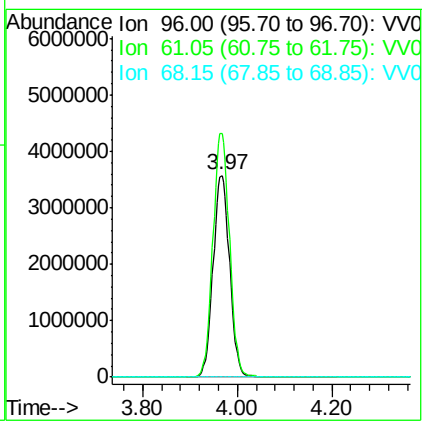


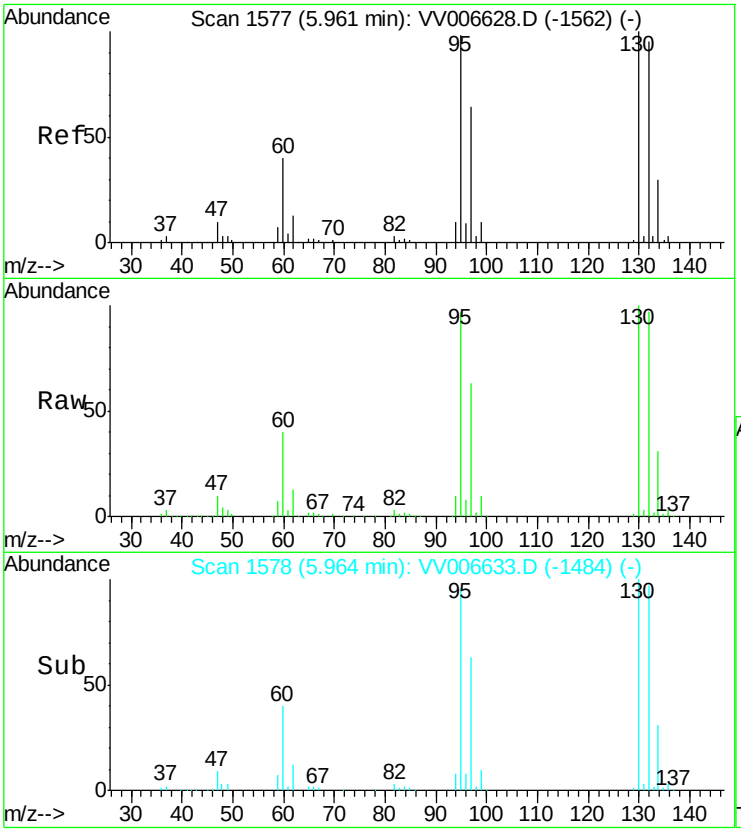


#22
cis-1,2-Dichloroethene
Concen: 430.32 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion: 96 Resp: 8582680

Ion	Ratio	Lower	Upper
96	100		
61	120.5	86.2	160.2
68	0.0	0.0	0.0



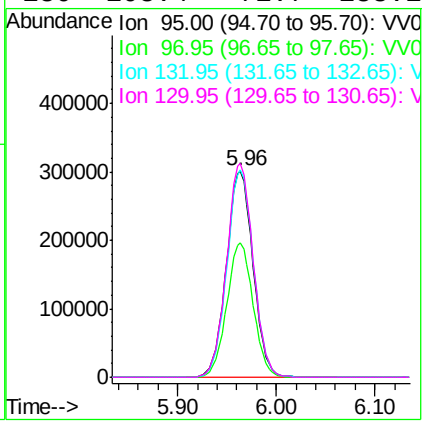


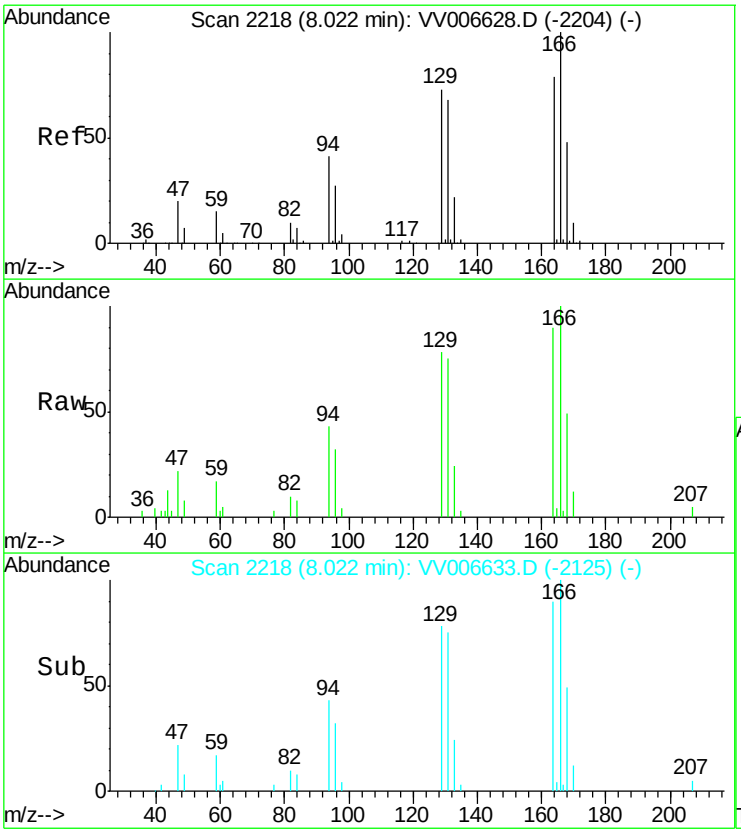
#34
Trichloroethene
Concen: 31.33 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Instrument : MSVOA_V
ClientSampleId : DB174

Tgt Ion: 95 Resp: 567284

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.7
132	100.4	69.0	128.2
130	103.4	71.7	133.1

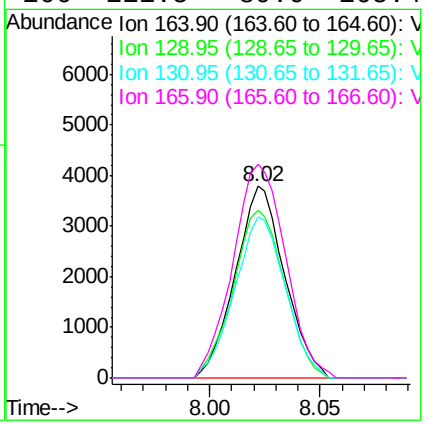


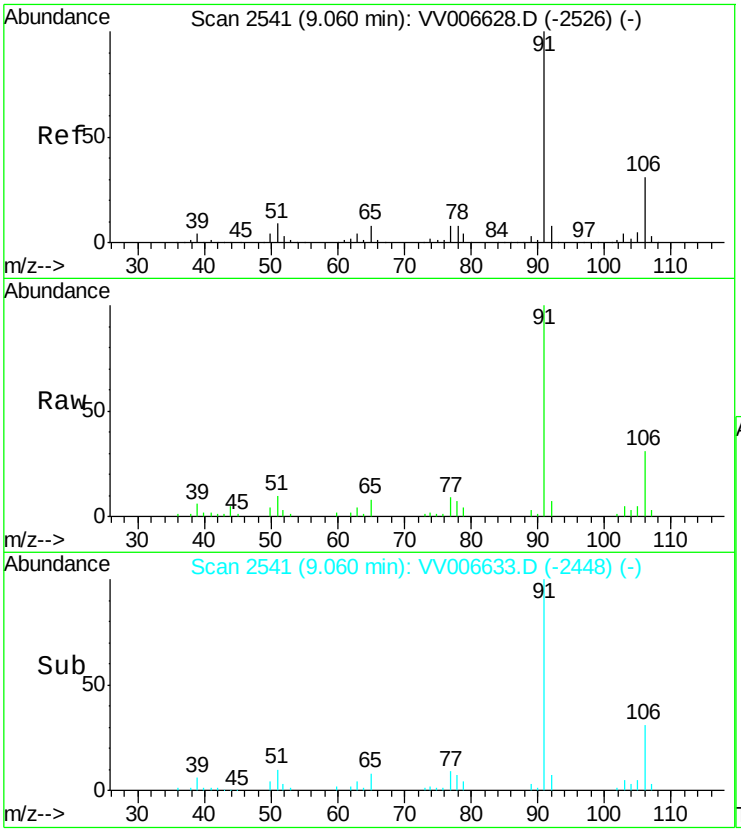


#47
Tetrachloroethene
Concen: 0.41 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion:164 Resp: 5878

Ion	Ratio	Lower	Upper
164	100		
129	87.3	62.7	116.5
131	84.1	60.0	111.4
166	111.5	89.0	165.4



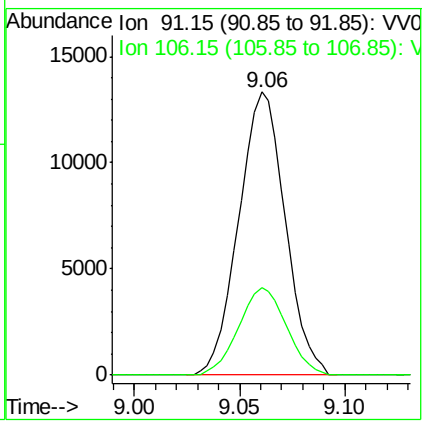


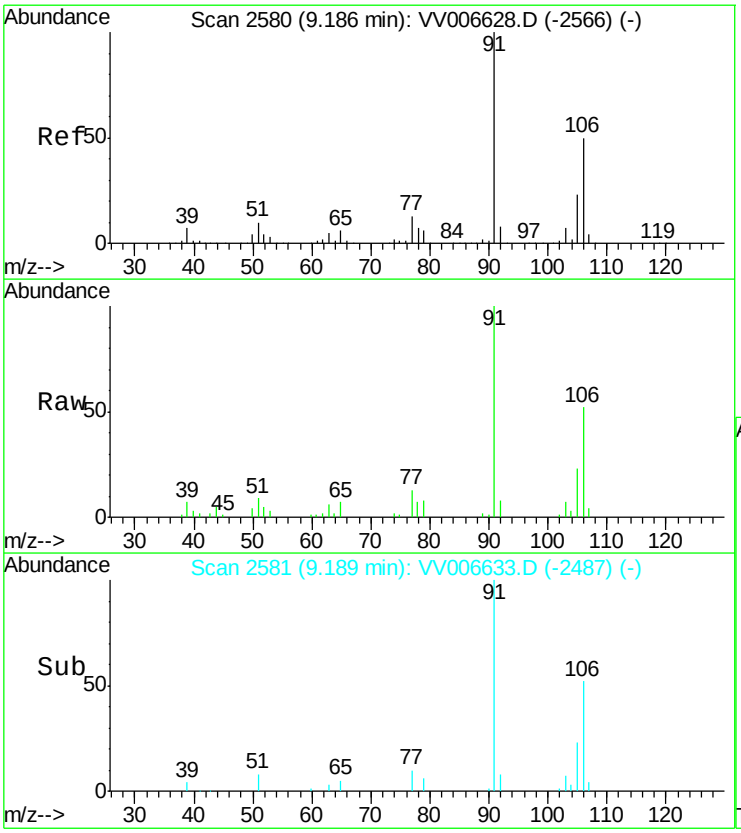
#52
Ethylbenzene
Concen: 0.26 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Instrument : MSVOA_V
ClientSampleId : DB174

Tgt Ion: 91 Resp: 20395

Ion	Ratio	Lower	Upper
91	100		
106	30.7	22.2	41.2

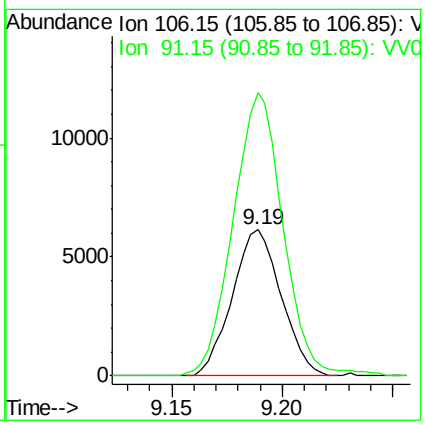


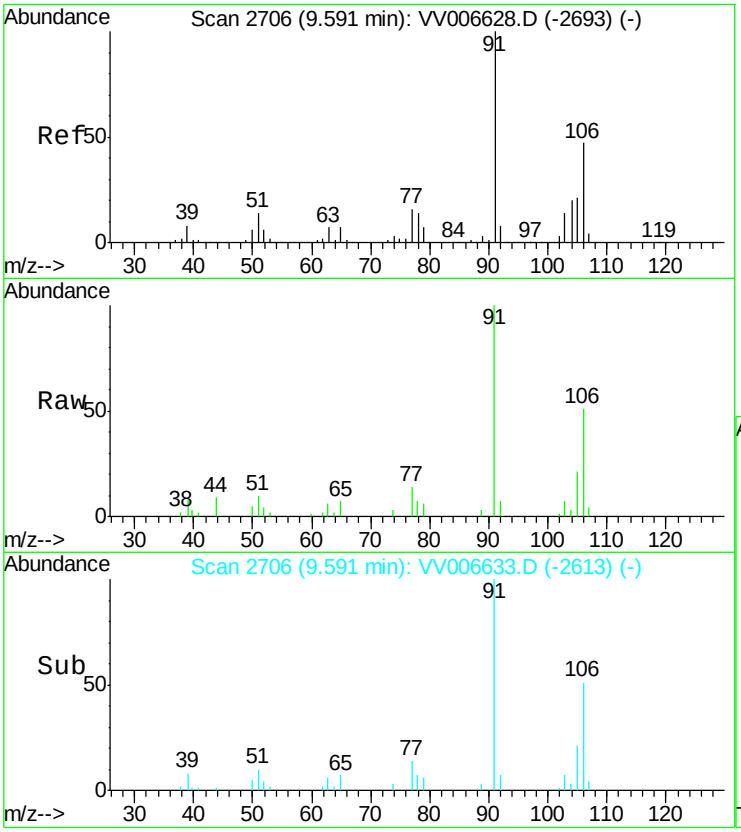


#53
m,p-xylene
Concen: 0.31 ug/L
RT: 9.19 min Scan# 2581
Delta R.T. 0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion:106 Resp: 9473

Ion	Ratio	Lower	Upper
106	100		
91	193.9	140.3	260.5

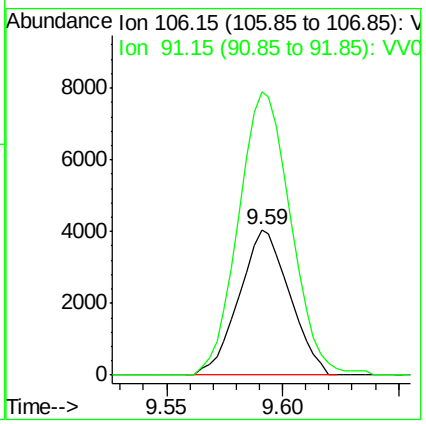




#54
o-xylene
Concen: 0.21 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VV006633.D
Acq: 18 Jul 2018 17:09

Tgt Ion:106 Resp: 6111

Ion	Ratio	Lower	Upper
106	100		
91	194.2	149.0	276.6



Instrument :
MSVOA_V
ClientSampleId :
DB174