Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\
Data File : VV011399.D
Acq On : 11 Jun 2019 17:59
Operator : SY/MD
Sample : K3226-17
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFCP1

Quant Time: Jun 12 04:22:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146361	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55066	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35103	3.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.40%			
7) Chloroethane-d5	1.55	69	32359	3.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.20%			
11) 1,1-Dichloroethene-d2	2.12	63	59385	2.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.60%#			
20) 2-Butanone-d5	3.94	46	140676	56.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.68%			
24) Chloroform-d	4.40	84	80712	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
26) 1,2-Dichloroethane-d4	5.08	65	46963	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.09	84	151543	3.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.40%			
36) 1,2-Dichloropropane-d6	6.12	67	50059	3.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.60%			
41) Toluene-d8	7.36	98	129731	3.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.40%#			
43) trans-1,3-Dichloropropene-	7.66	79	13620	2.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 56.20%			
46) 2-Hexanone-d5	8.13	63	102436	49.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.90%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40373	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	45246	4.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	145318	10.792	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	503694	48.786	ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	2703432	236.437	ug/L	98
34) Trichloroethene	5.96	95	3845340	338.496	ug/L	98
42) Toluene	7.43	91	11958	0.255	ug/L	97
53) m,p-xylene	9.18	106	2500	0.130	ug/L	75

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

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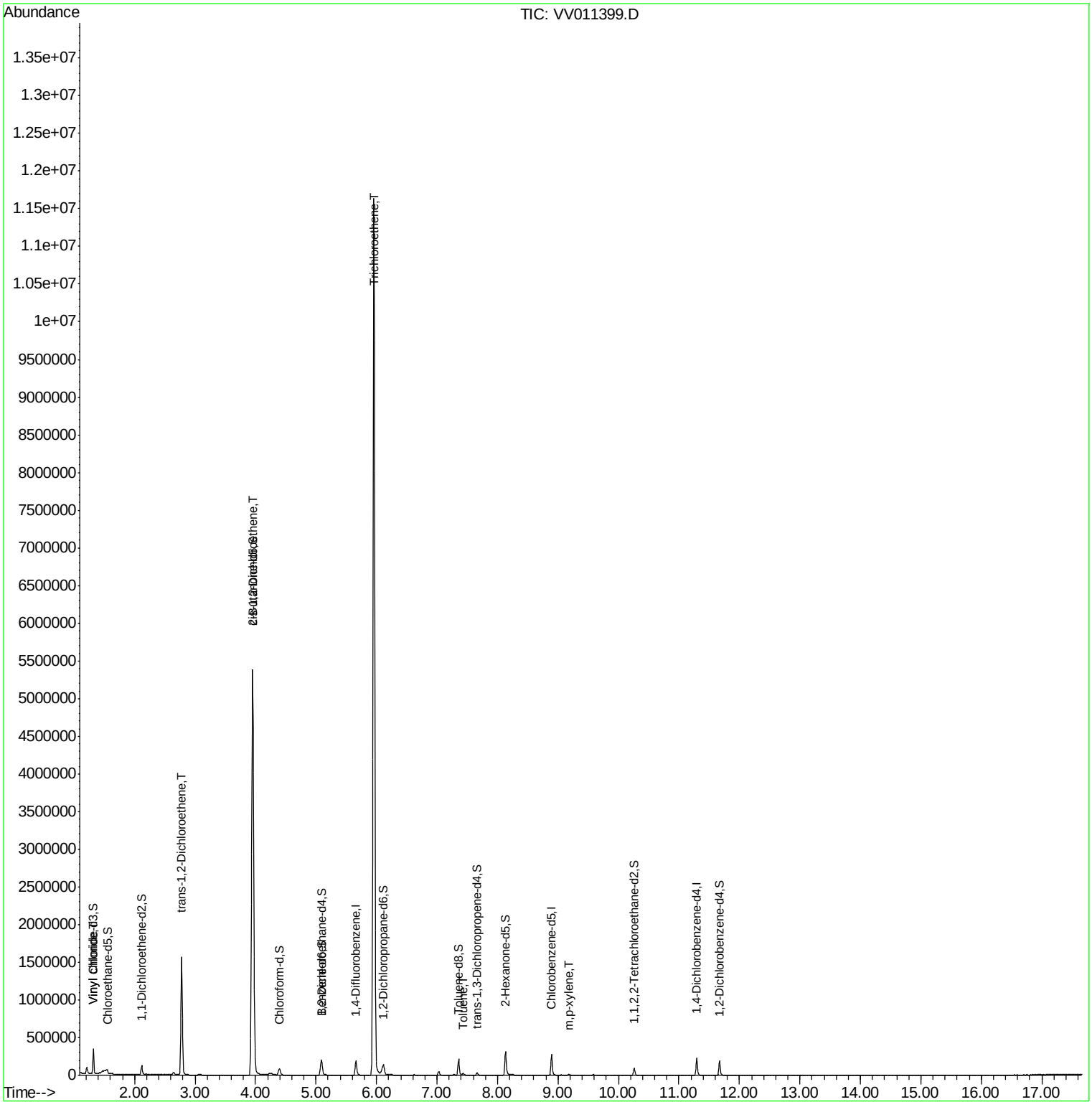
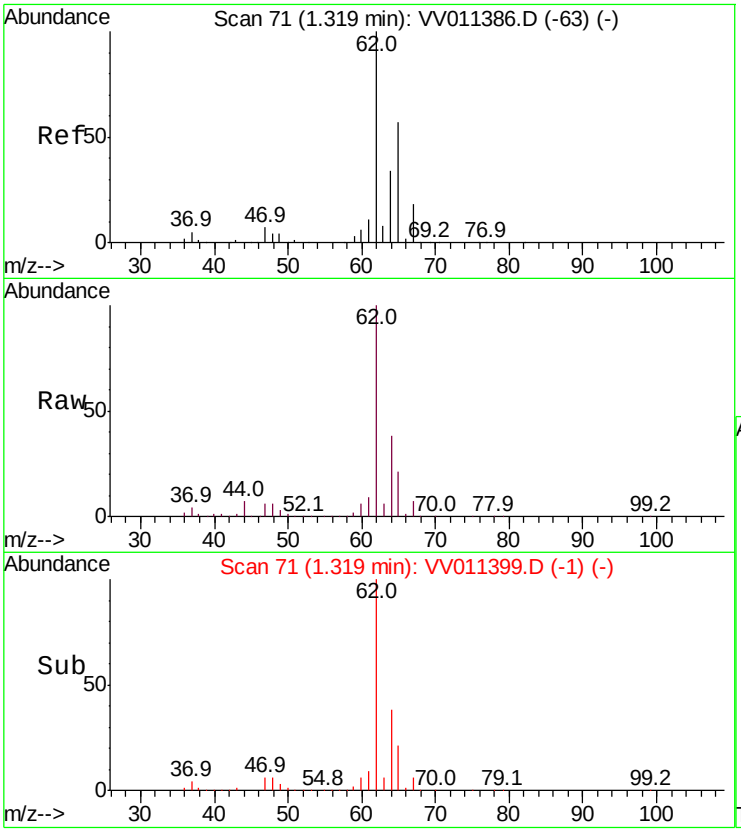


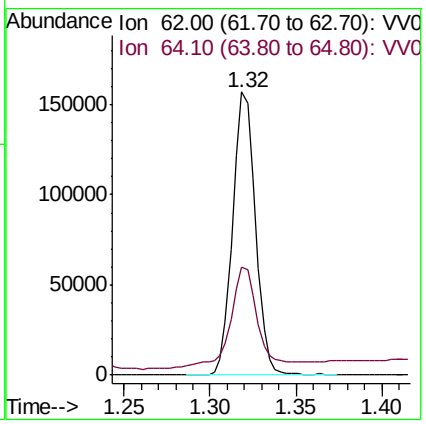


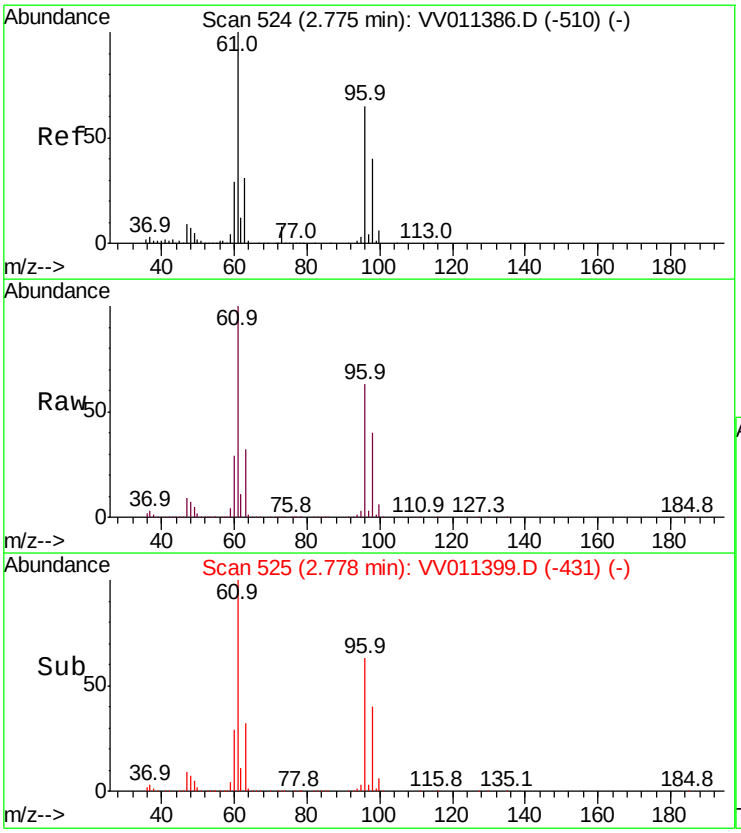
#5
Vinyl chloride
Concen: 10.792 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV011399.D
Acq: 11 Jun 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
BFCP1

Tgt Ion: 62 Resp: 145318

Ion	Ratio	Lower	Upper
62	100		
64	38.2	25.9	48.1

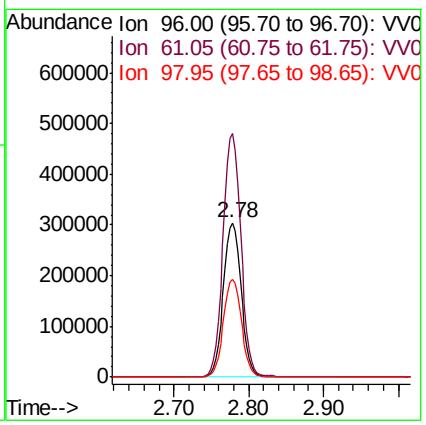


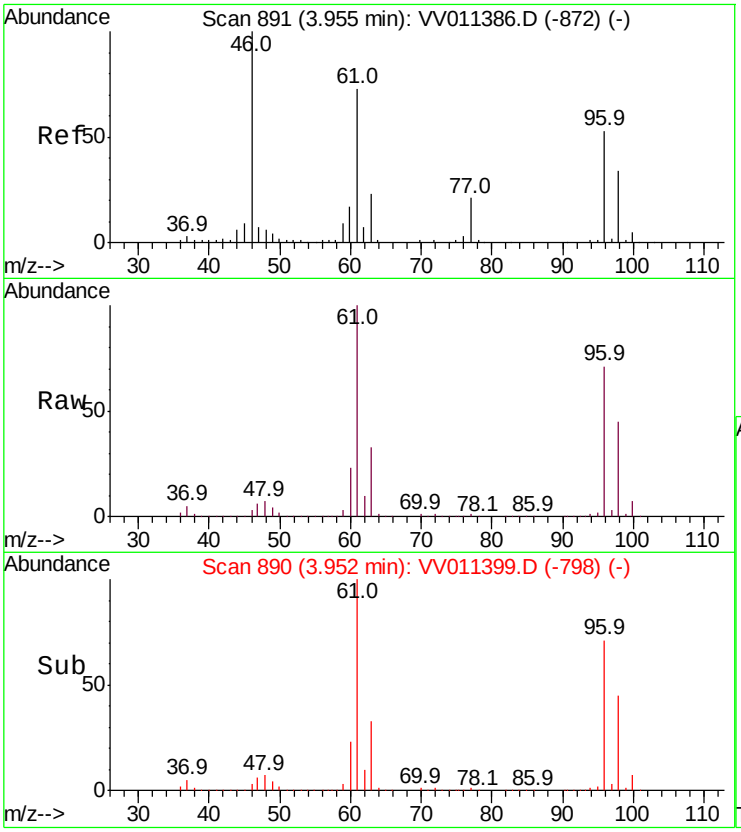


#18
trans-1,2-Dichloroethene
Concen: 48.786 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV011399.D
Acq: 11 Jun 2019 17:59

Tgt Ion: 96 Resp: 503694

Ion	Ratio	Lower	Upper
96	100		
61	158.0	104.0	193.2
98	63.8	45.7	84.9



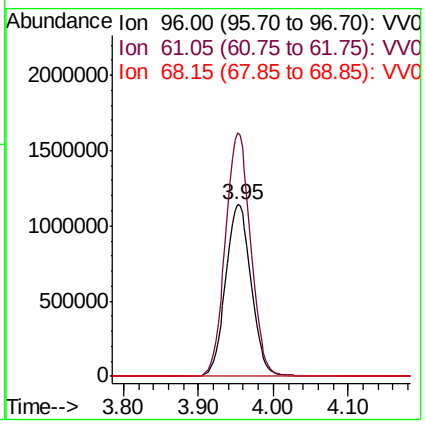


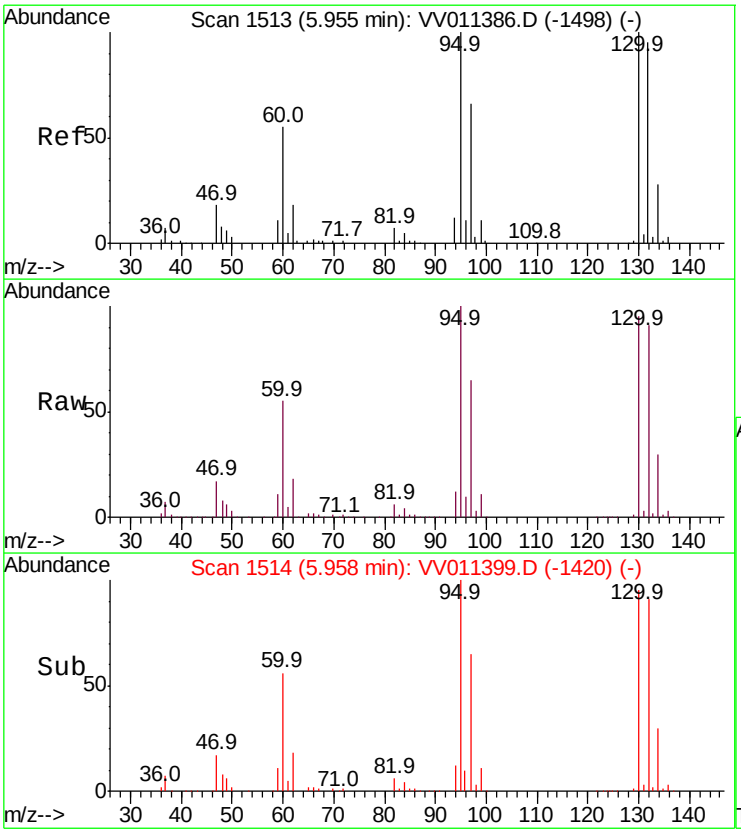
#22
cis-1,2-Dichloroethene
Concen: 236.437 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV011399.D
Acq: 11 Jun 2019 17:59

Instrument :
MSVOA_V
ClientSampleId :
BFCP1

Tgt Ion: 96 Resp: 2703432

Ion	Ratio	Lower	Upper
96	100		
61	141.8	100.8	187.2
68	0.0	0.0	0.0

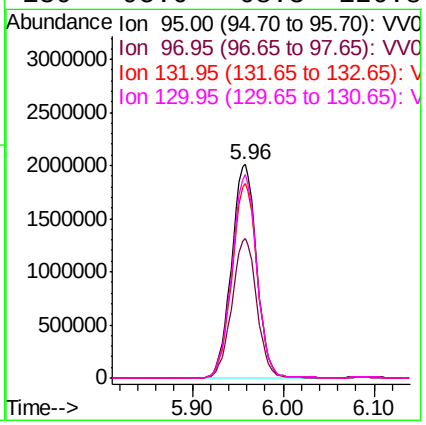


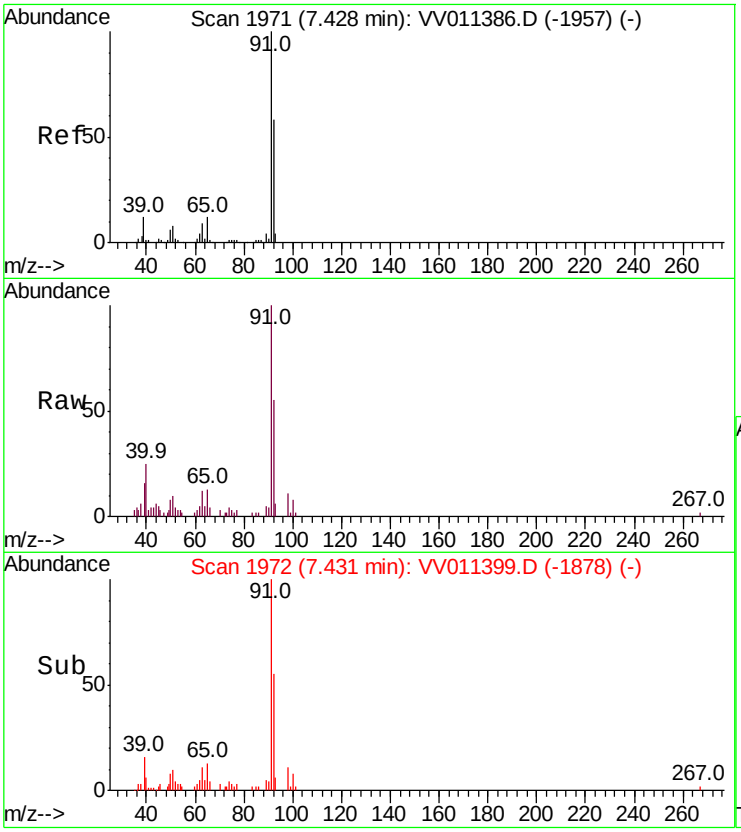


#34
Trichloroethene
Concen: 338.496 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011399.D
Acq: 11 Jun 2019 17:59

Tgt Ion: 95 Resp: 3845340

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	91.3	66.4	123.2
130	95.0	68.3	126.8



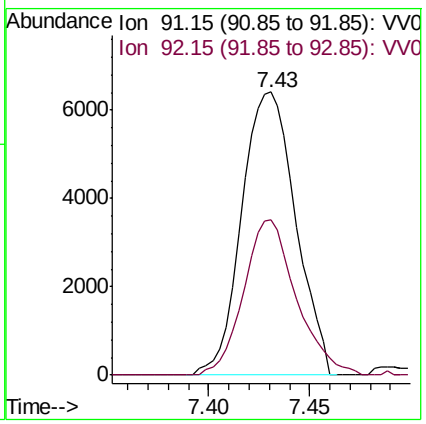


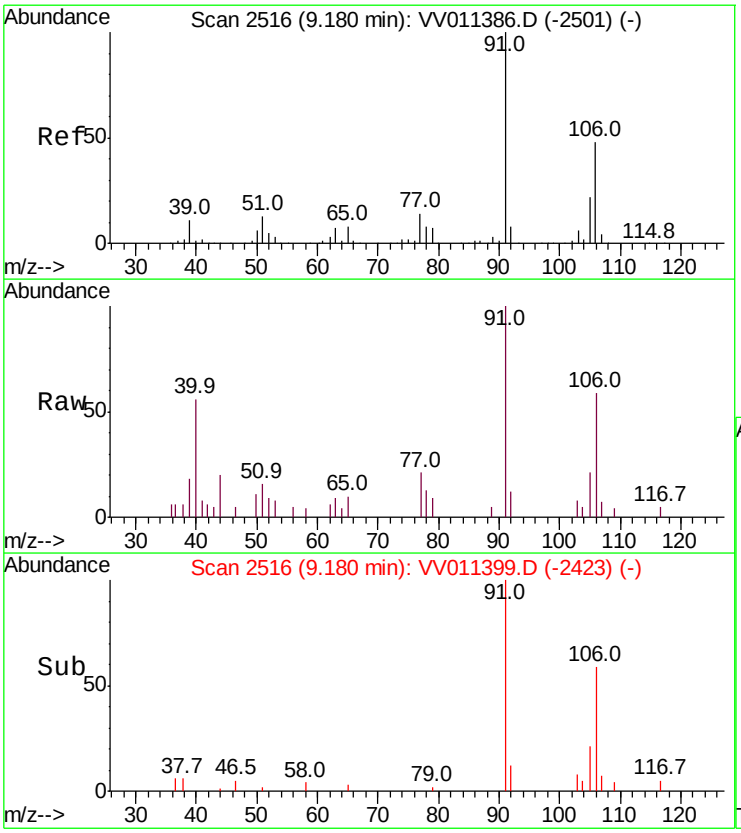
#42
Toluene
Concen: 0.255 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011399.D
Acq: 11 Jun 2019 17:59

Instrument : MSVOA_V
ClientSampleId : BFCP1

Tgt Ion: 91 Resp: 11958

Ion	Ratio	Lower	Upper
91	100		
92	55.1	39.9	74.1





#53
m,p-xylene
Concen: 0.130 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV011399.D
Acq: 11 Jun 2019 17:59

Tgt Ion:106 Resp: 2500

Ion	Ratio	Lower	Upper
106	100		
91	169.1	145.5	270.3