Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070720\
Data File : VV017379.D
Acq On : 07 Jul 2020 15:26
Operator : SY/MD
Sample : L3154-12DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4272DL

Quant Time: Jul 08 03:18:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159888	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153858	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75880	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41806	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.58	69	34200	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.13	63	66244	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	3.93	46	100541	41.11	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.22%			
24) Chloroform-d	4.38	84	95046	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.06	65	52727	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.08	84	170242	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
36) 1,2-Dichloropropane-d6	6.10	67	48598	4.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.40%			
41) Toluene-d8	7.34	98	152725	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
45) trans-1,3-Dichloropropene-	7.64	79	20243	4.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%			
48) 2-Hexanone-d5	8.11	63	66396	35.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.02%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35440	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64479	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	129296	12.324	ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	16560	2.037	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	67370	6.059	ug/L	97
34) Trichloroethene	5.94	95	3098	0.263	ug/L #	80

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

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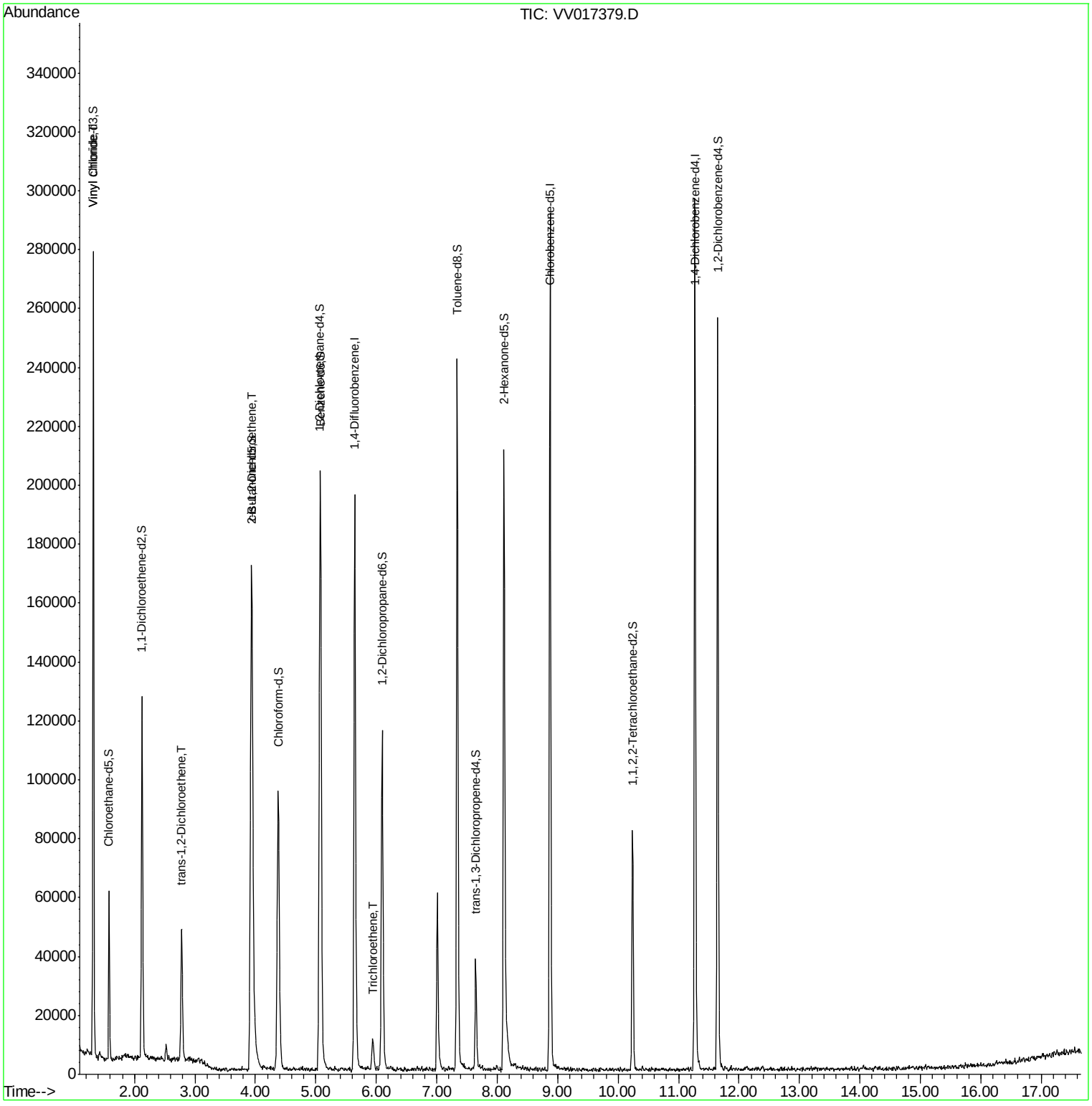
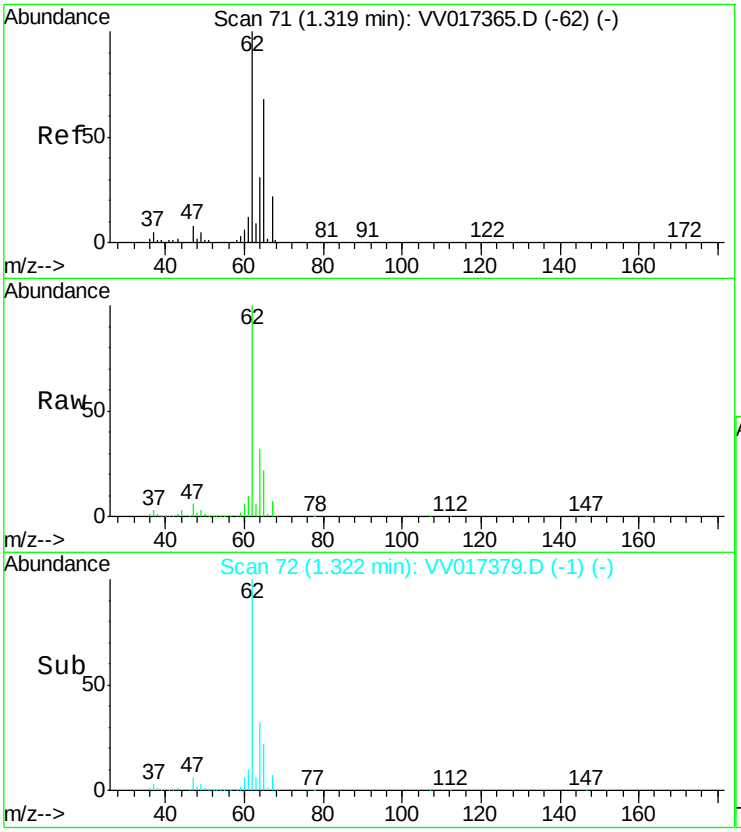


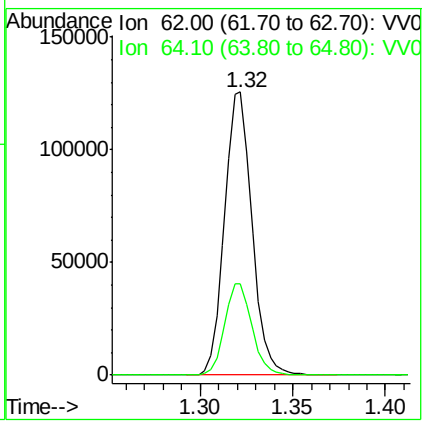


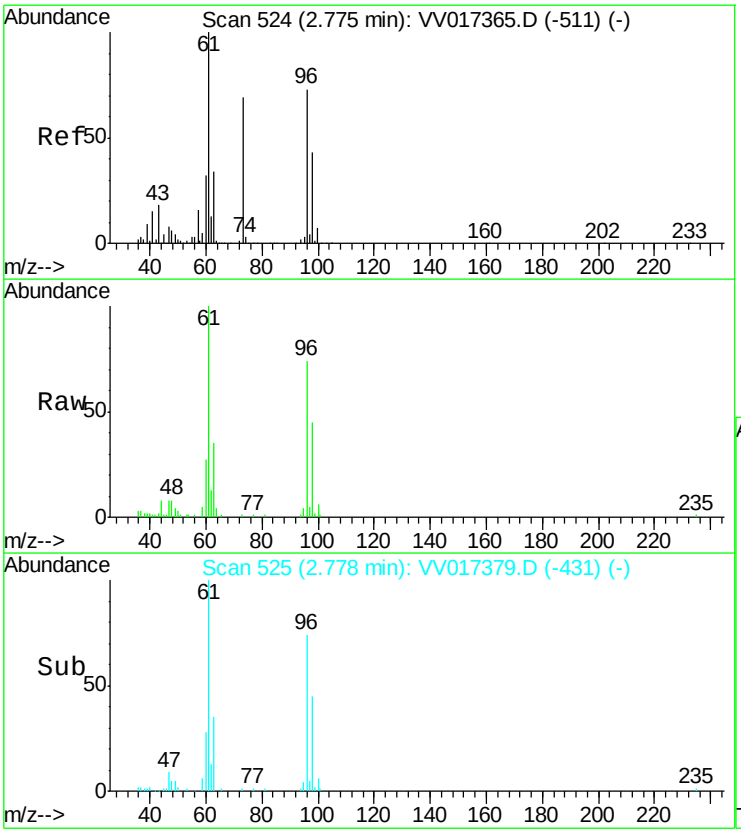
#5
Vinyl chloride
Concen: 12.324 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Instrument :
MSVOA_V
ClientSampleId :
H4272DL

Tgt Ion: 62 Resp: 129296

Ion	Ratio	Lower	Upper
62	100		
64	32.1	22.5	41.7

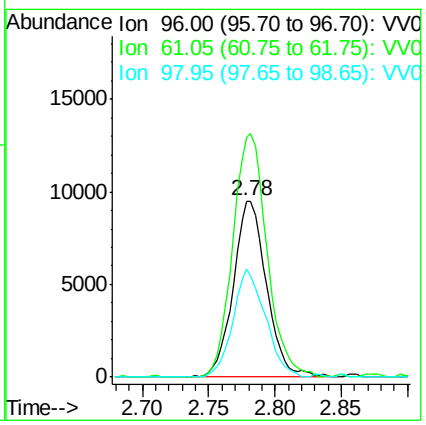


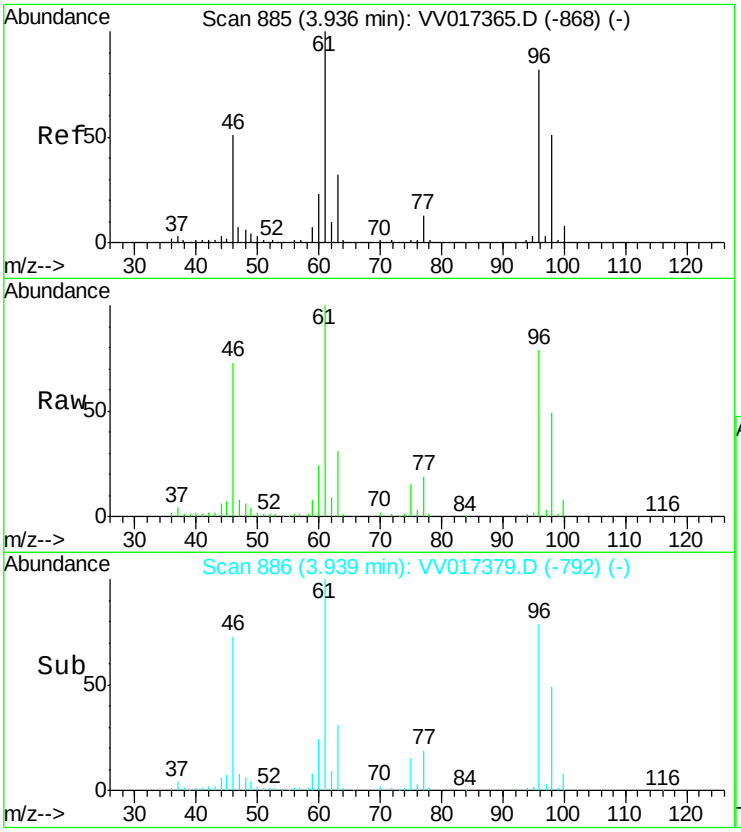


#18
trans-1,2-Dichloroethene
Concen: 2.037 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Tgt Ion: 96 Resp: 16560

Ion	Ratio	Lower	Upper
96	100		
61	136.0	102.3	189.9
98	61.1	44.7	82.9



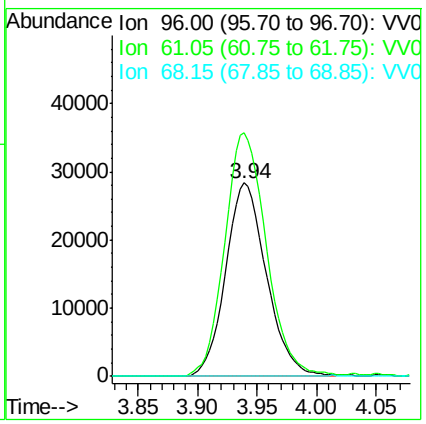


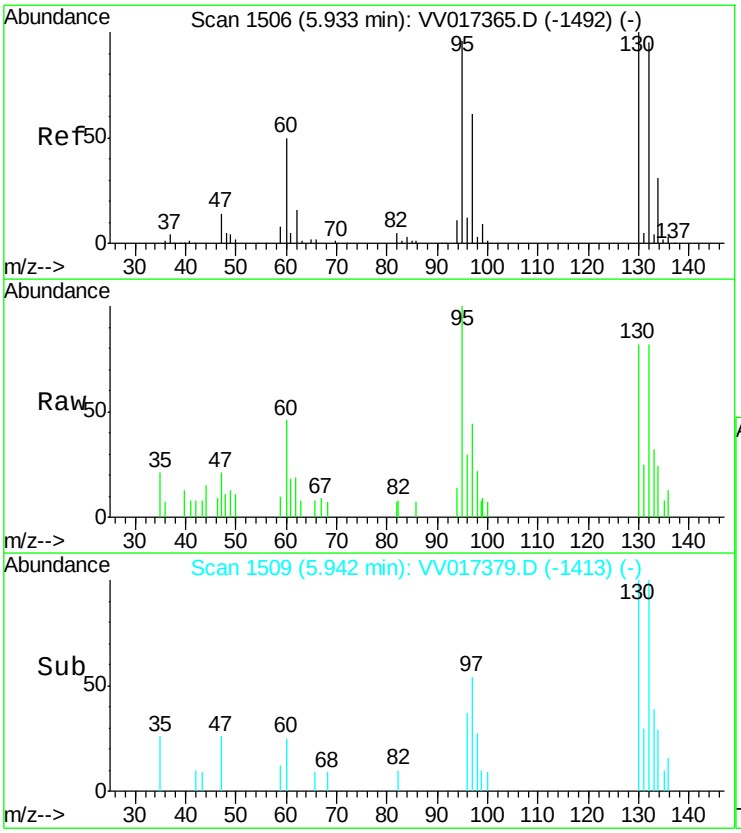
#22
cis-1,2-Dichloroethene
Concen: 6.059 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Instrument : MSVOA_V
ClientSampleId : H4272DL

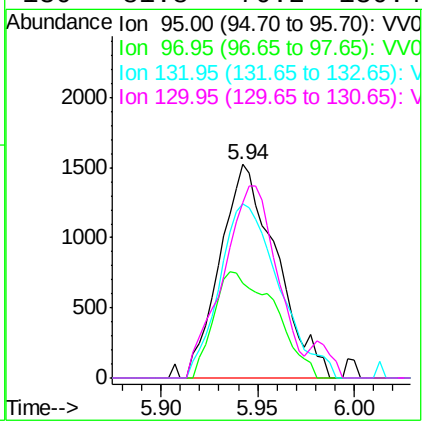
Tgt Ion: 96 Resp: 67370

Ion	Ratio	Lower	Upper
96	100		
61	126.1	91.0	169.0
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.263 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Tgt Ion: 95 Resp: 3098

Ion	Ratio	Lower	Upper
95	100		
97	44.2	45.3	84.1#
132	81.6	68.8	127.8
130	81.8	70.2	130.4