Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015803.D
Acq On : 29 Apr 2020 19:23
Operator : SY/MD
Sample : L2421-07DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSA8DL

Quant Time: Apr 30 06:45:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140761	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64760	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	39215	5.33	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.60%			
7) Chloroethane-d5	1.58	69	32743	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.12	63	58809	3.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.00%			
20) 2-Butanone-d5	3.92	46	102424	43.36	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.72%			
24) Chloroform-d	4.38	84	60898	3.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.00%			
26) 1,2-Dichloroethane-d4	5.06	65	46720	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.07	84	157489	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.09	67	50223	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.34	98	141386	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	7.64	79	17008	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.12	63	71572	36.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.92%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31914	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.40%			
64) 1,2-Dichlorobenzene-d4	11.65	152	50823	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.94	96	7651	0.754	ug/L	91
25) Chloroform	4.40	83	23649	1.237	ug/L	96
34) Trichloroethene	5.94	95	60444	5.613	ug/L	98
42) Toluene	7.41	91	4677	0.112	ug/L	91

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

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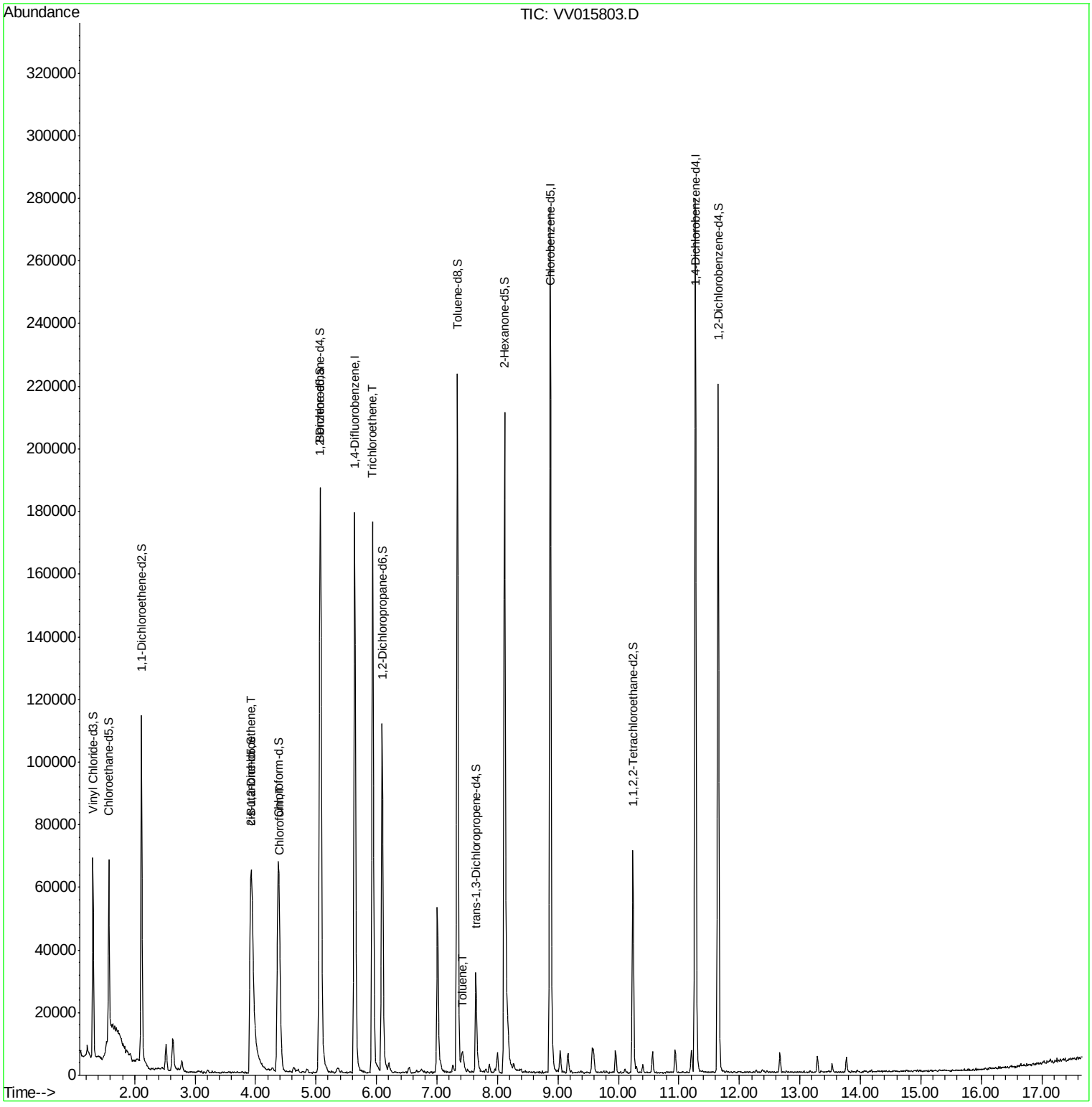
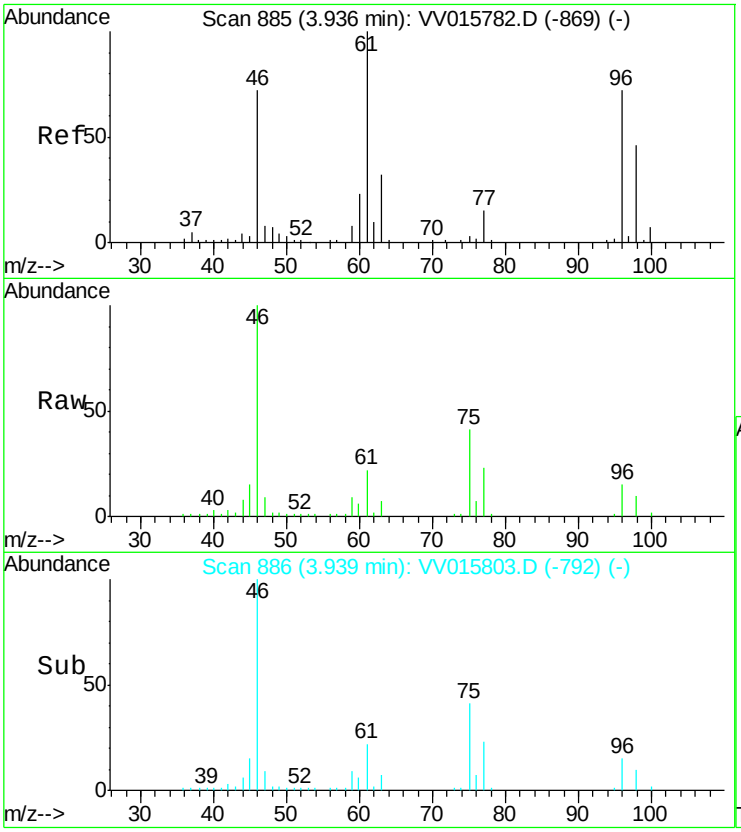


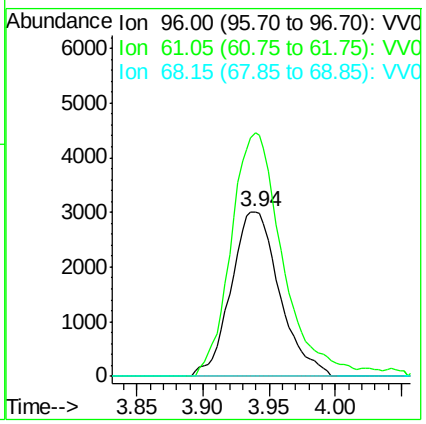


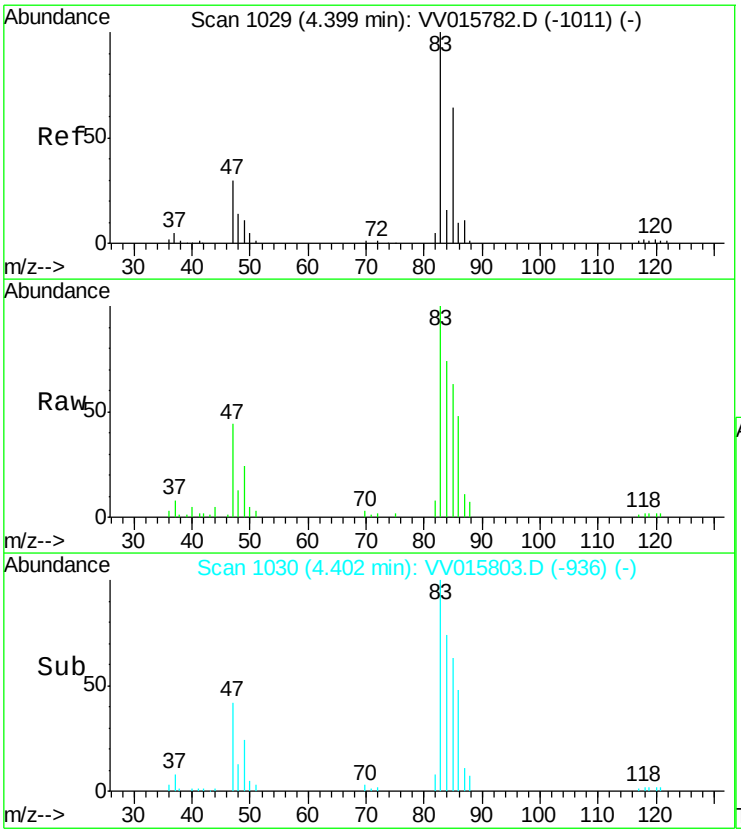
#22
cis-1,2-Dichloroethene
Concen: 0.754 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015803.D
Acq: 29 Apr 2020 19:23

Instrument :
MSVOA_V
ClientSampleId :
BFSA8DL

Tgt Ion: 96 Resp: 7651

Ion	Ratio	Lower	Upper
96	100		
61	148.1	96.4	179.0
68	0.0	0.0	0.0

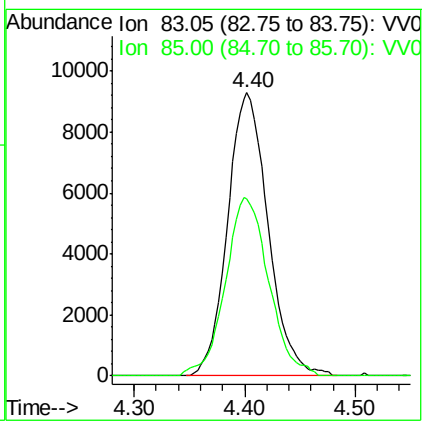


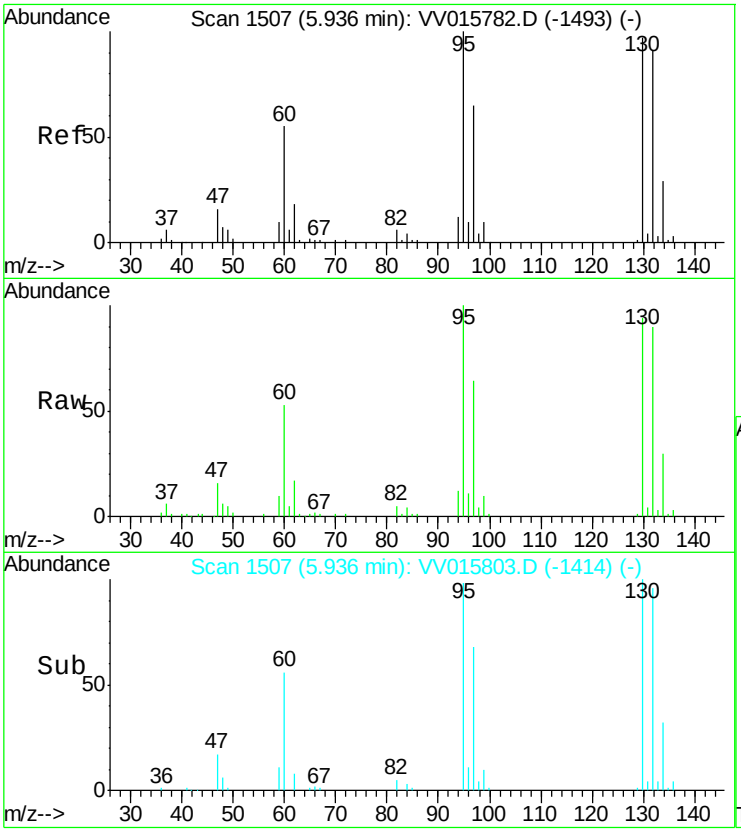


#25
Chloroform
Concen: 1.237 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015803.D
Acq: 29 Apr 2020 19:23

Tgt Ion: 83 Resp: 23649

Ion	Ratio	Lower	Upper
83	100		
85	62.5	46.1	85.5



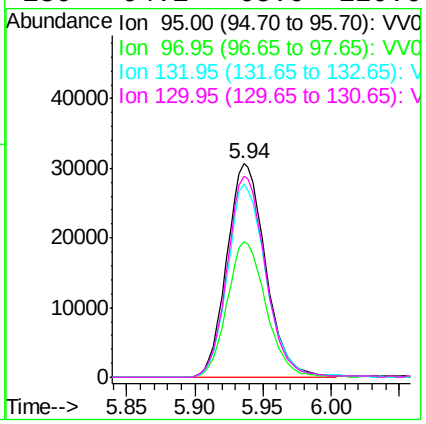


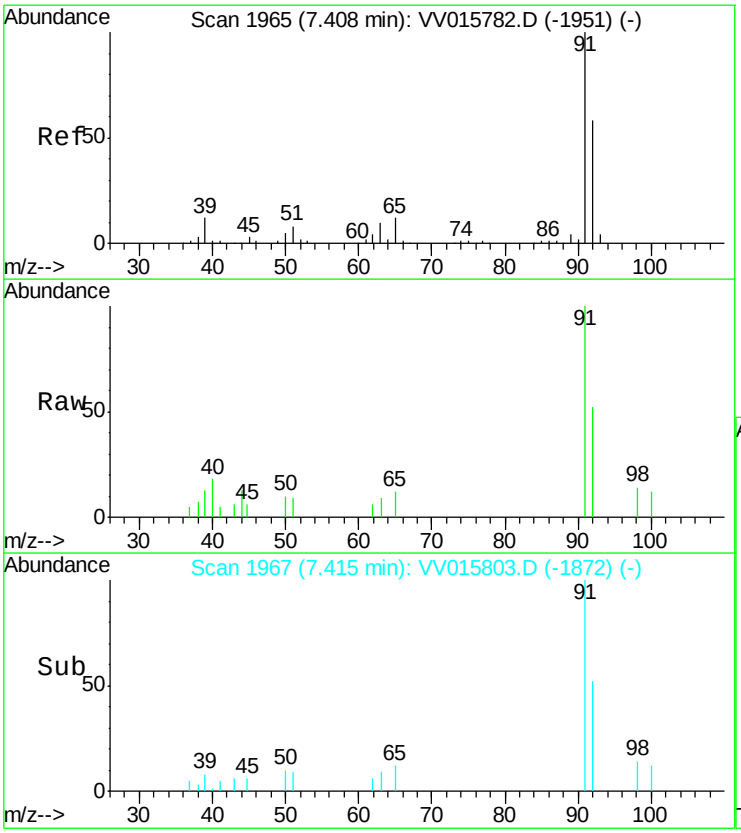
#34
Trichloroethene
Concen: 5.613 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV015803.D
Acq: 29 Apr 2020 19:23

Instrument :
MSVOA_V
ClientSampleId :
BFSA8DL

Tgt Ion: 95 Resp: 60444

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.7	82.9
132	90.3	65.2	121.0
130	94.1	65.0	120.6





#42
Toluene
Concen: 0.112 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV015803.D
Acq: 29 Apr 2020 19:23

Tgt Ion: 91 Resp: 4677

Ion	Ratio	Lower	Upper
91	100		
92	51.7	40.7	75.7