Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040887.D
Acq On : 21 Oct 2020 20:59
Operator : SY/MD
Sample : L4428-10DL2 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ45DL2

Quant Time: Oct 22 02:19:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	224571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	232354	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	97111	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	70181	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.92	69	62629	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.58	63	108583	3.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%			
20) 2-Butanone-d5	4.65	46	344999	63.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.22%			
24) Chloroform-d	5.08	84	159219	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.72	65	101976	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.74	84	284676	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.70	67	100784	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.91	98	215008	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
43) trans-1,3-Dichloropropene-	8.19	79	38321	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.64	63	246904	59.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	96020	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	91940	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	88556	3.849	ug/L	90
18) trans-1,2-Dichloroethene	3.38	96	1394	0.082	ug/L #	71
22) cis-1,2-Dichloroethene	4.69	96	207080	11.056	ug/L	99
47) Tetrachloroethene	8.56	164	3070	0.217	ug/L	89

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

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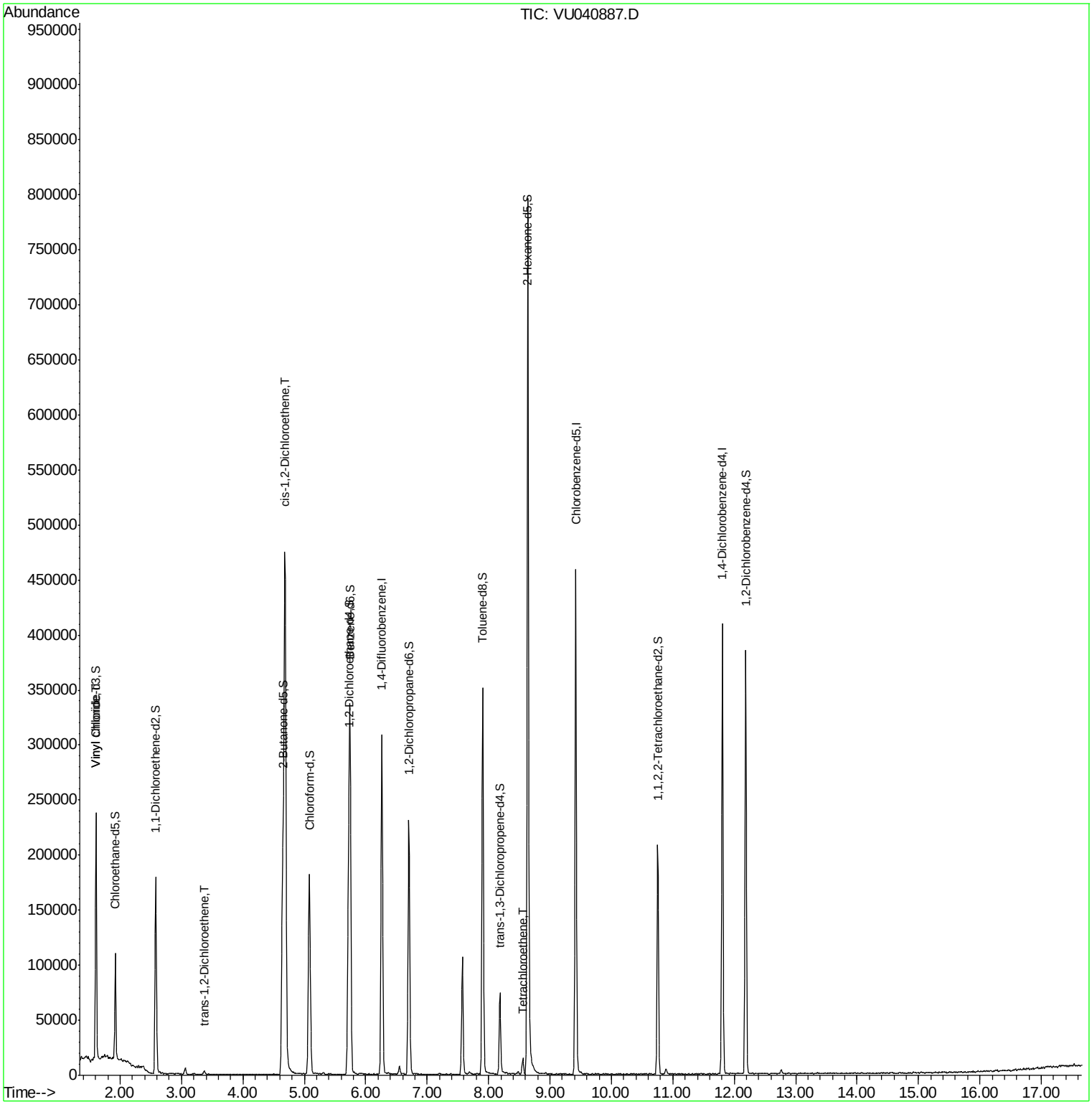
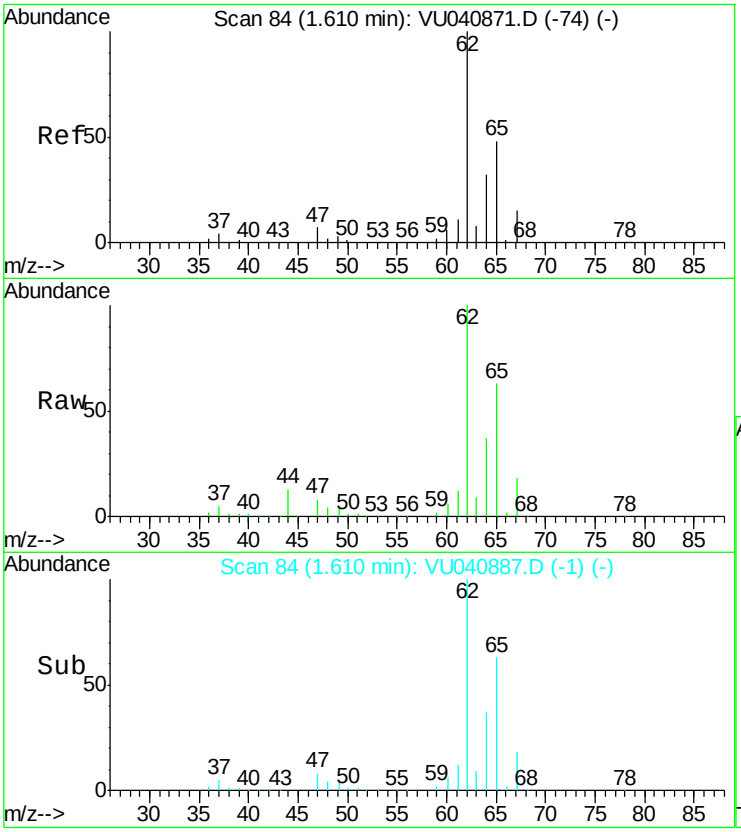


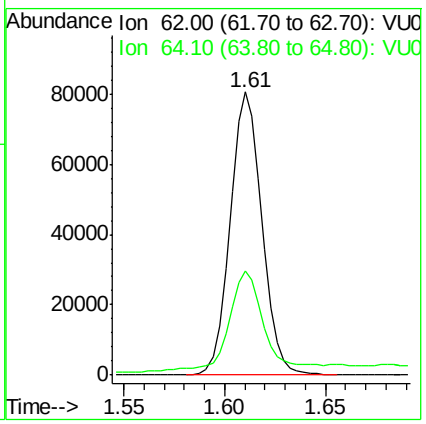


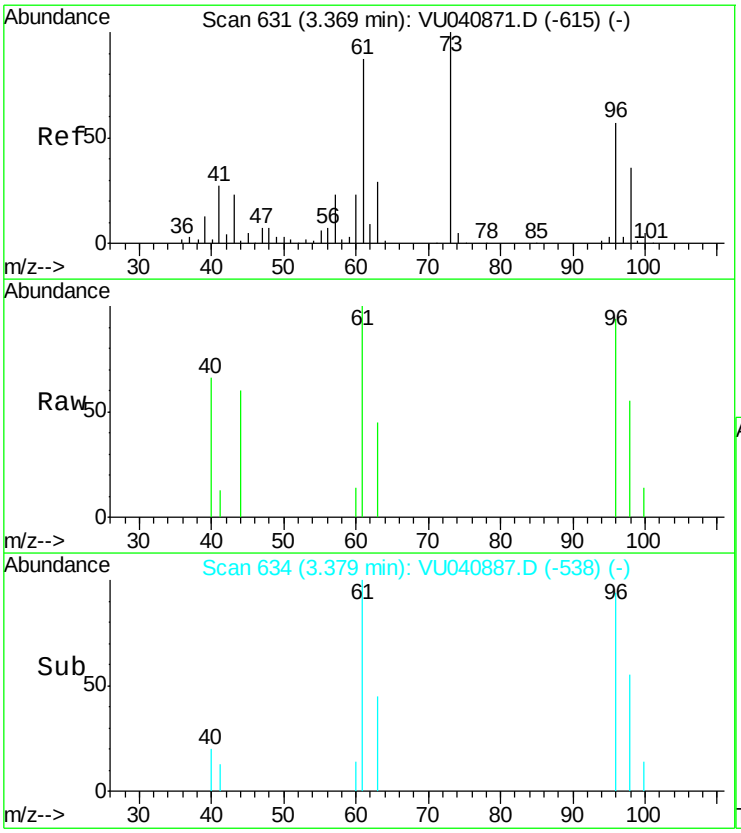
#5
Vinyl chloride
Concen: 3.849 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040887.D
Acq: 21 Oct 2020 20:59

Instrument :
MSVOA_U
ClientSampleId :
ETZ45DL2

Tgt Ion: 62 Resp: 88556

Ion	Ratio	Lower	Upper
62	100		
64	36.6	21.8	40.6

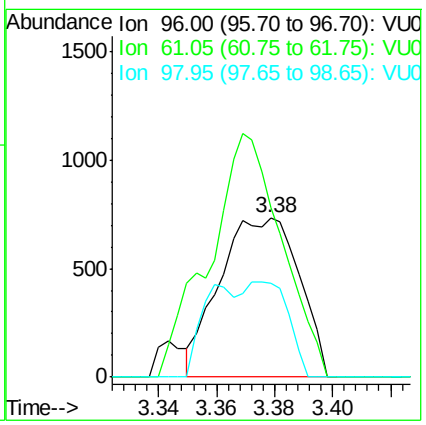


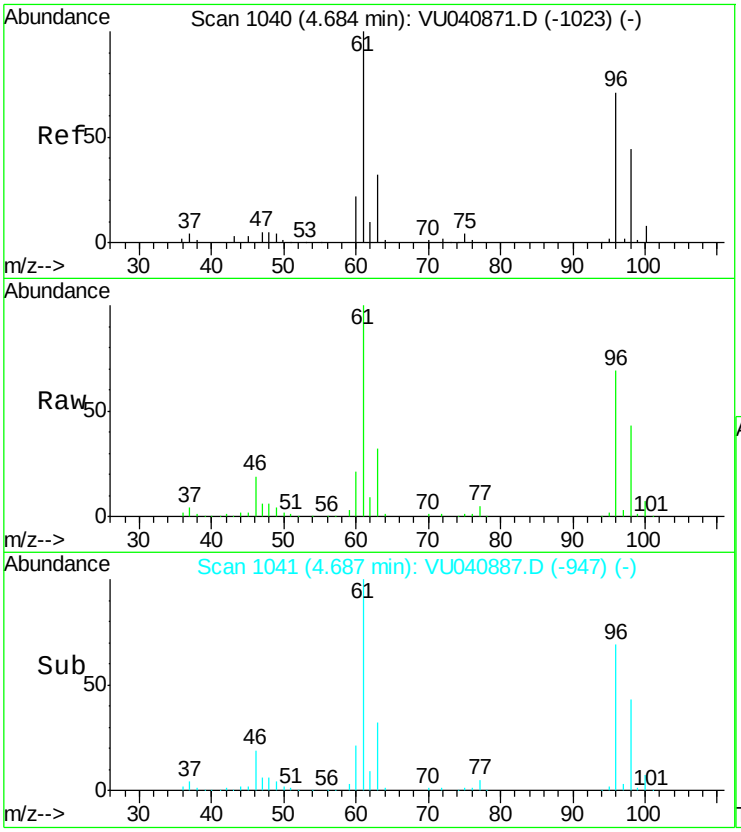


#18
trans-1,2-Dichloroethene
Concen: 0.082 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU040887.D
Acq: 21 Oct 2020 20:59

Tgt Ion: 96 Resp: 1394

Ion	Ratio	Lower	Upper
96	100		
61	106.1	107.9	200.3#
98	58.6	47.5	88.1



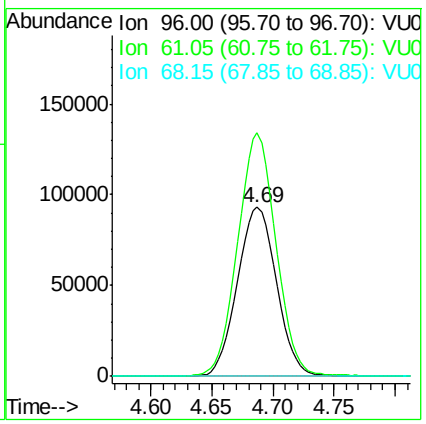


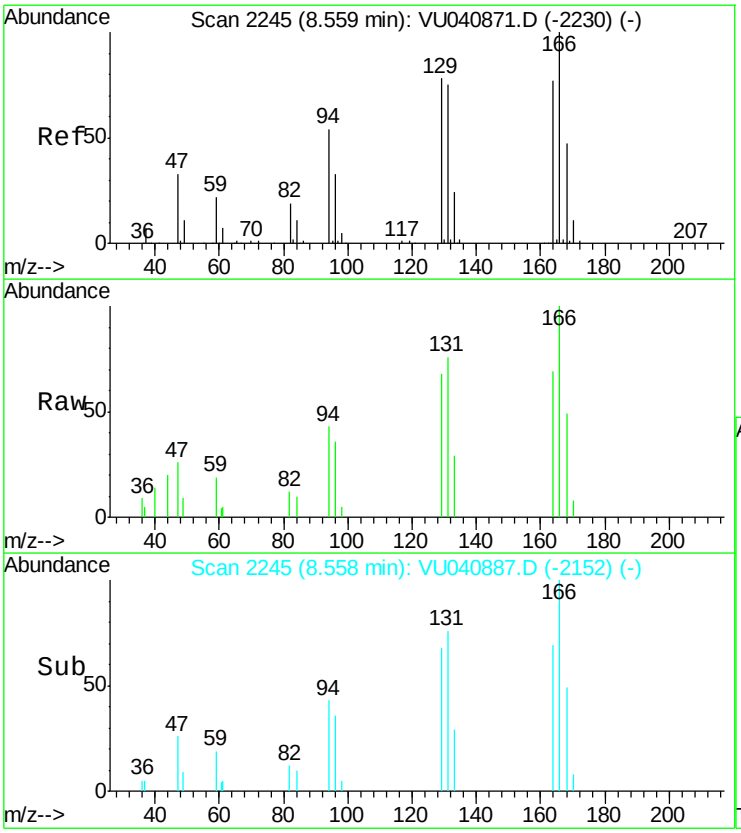
#22
cis-1,2-Dichloroethene
Concen: 11.056 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040887.D
Acq: 21 Oct 2020 20:59

Instrument : MSVOA_U
ClientSampleId : ETZ45DL2

Tgt Ion: 96 Resp: 207080

Ion	Ratio	Lower	Upper
96	100		
61	144.2	100.0	185.6
68	0.0	0.0	0.0





#47
Tetrachloroethene
Concen: 0.217 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU040887.D
Acq: 21 Oct 2020 20:59

Tgt Ion:164 Resp: 3070

Ion	Ratio	Lower	Upper
164	100		
129	98.8	69.7	129.4
131	110.1	65.4	121.4
166	144.6	90.0	167.2