Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023982.D
Acq On : 15 Dec 2021 15:39
Operator : SY/MD
Sample : M4971-15 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3D2

Quant Time: Dec 16 04:49:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	87563	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	92043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17784	3.778	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.600%			
7) Chloroethane-d5	1.568	69	19157	4.878	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.600%			
11) 1,1-Dichloroethene-d2	2.105	63	25075	2.729	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.600%#			
20) 2-Butanone-d5	3.896	46	52981	57.609	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.220%			
24) Chloroform-d	4.343	84	54589	5.120	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
26) 1,2-Dichloroethane-d4	5.027	65	28103	5.661	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.200%			
32) Benzene-d6	5.047	84	83658	4.589	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.066	67	28137	5.116	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.400%			
41) Toluene-d8	7.313	98	61207	3.729	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.600%			
43) trans-1,3-Dichloroprop...	7.622	79	10244	4.490	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.800%			
46) 2-Hexanone-d5	8.088	63	53215	52.097	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.200%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	23494	5.149	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	30929	5.183	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	30983	4.387	ug/L	98
16) Methylene chloride	2.507	84	3961	0.515	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	18386	2.827	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	101682	14.771	ug/L	99

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

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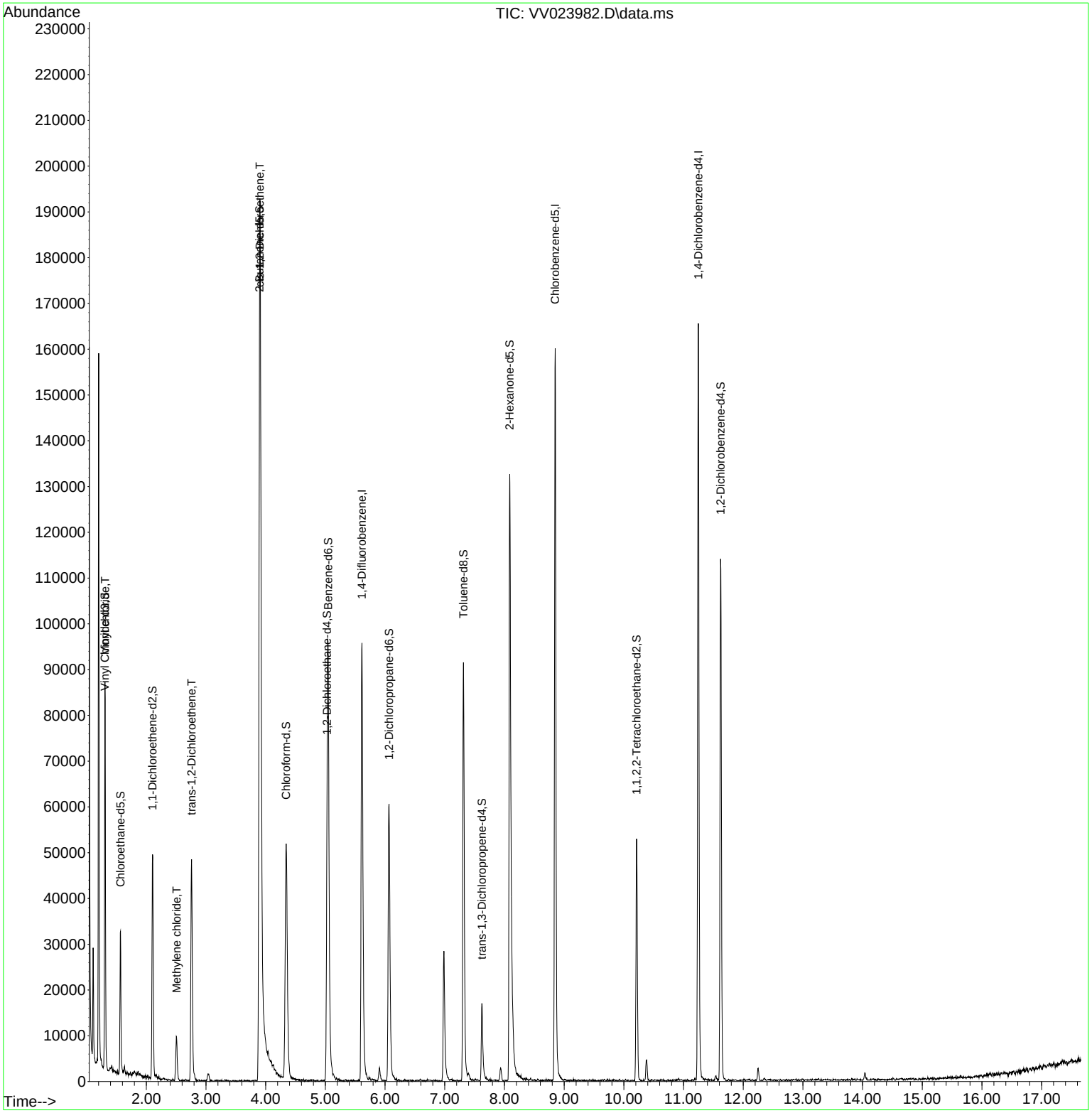
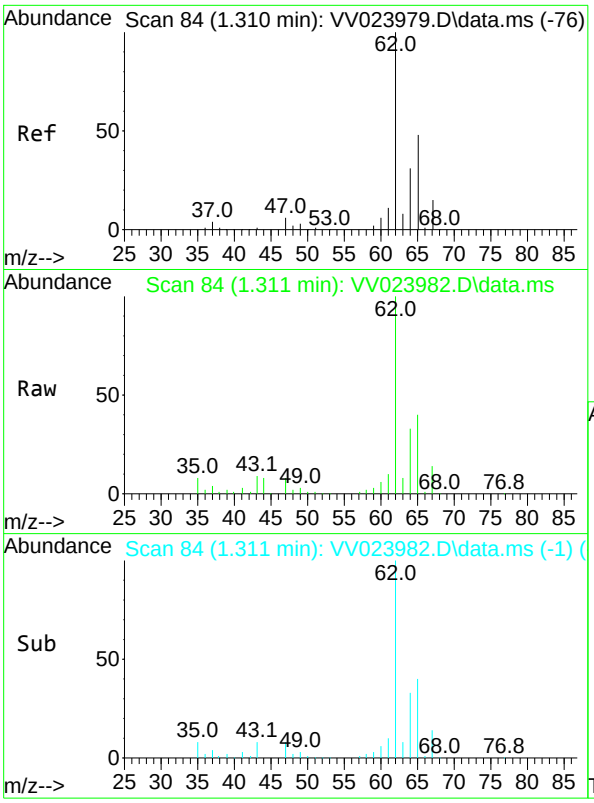


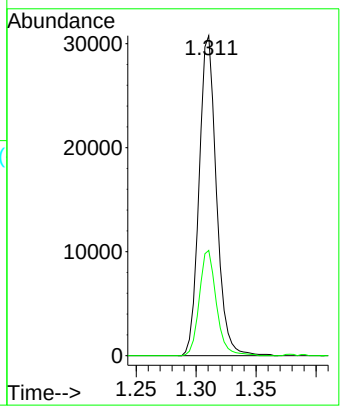


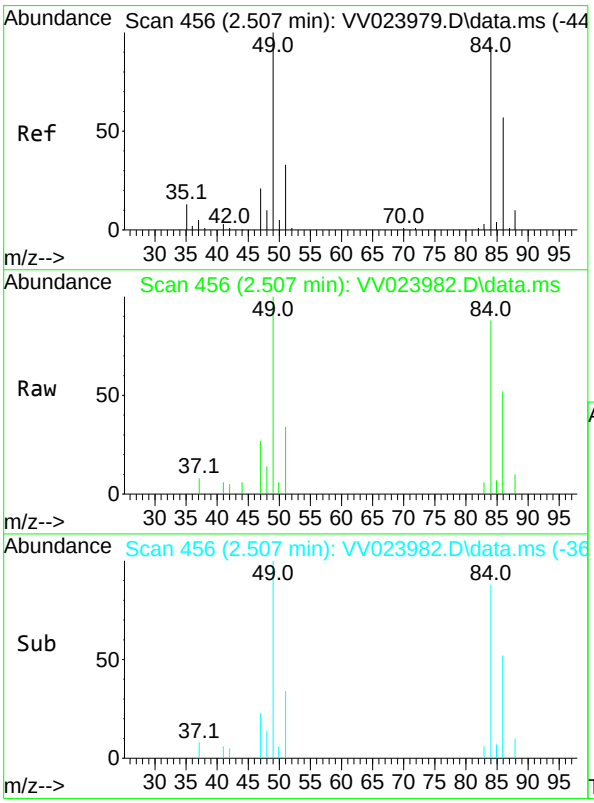
#5
Vinyl chloride
Concen: 4.387 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023982.D
Acq: 15 Dec 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :
BG3D2

Tgt Ion: 62 Resp: 30983

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.4	41.6

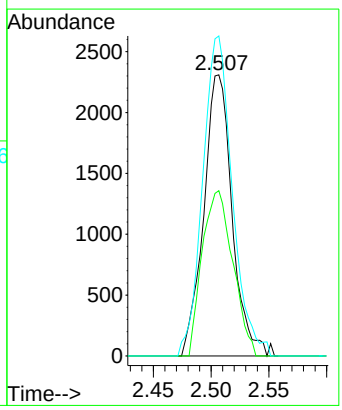


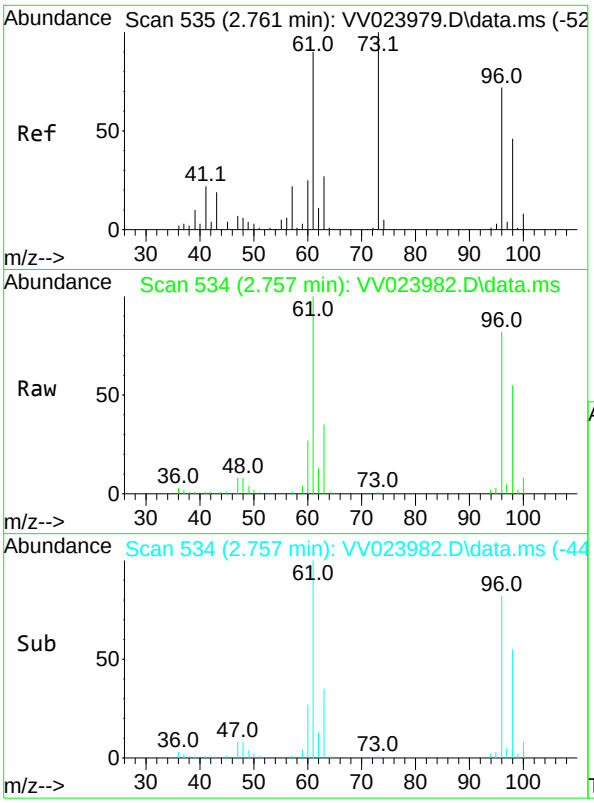


#16
Methylene chloride
Concen: 0.515 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023982.D
Acq: 15 Dec 2021 15:39

Tgt Ion: 84 Resp: 3961

Ion	Ratio	Lower	Upper
84	100		
86	58.8	42.6	79.0
49	113.8	79.7	147.9



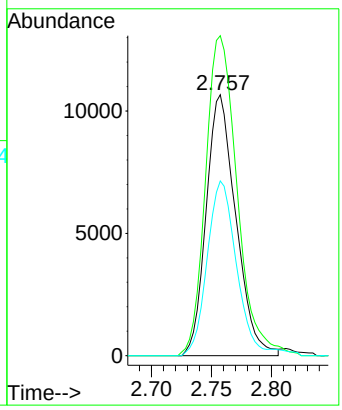


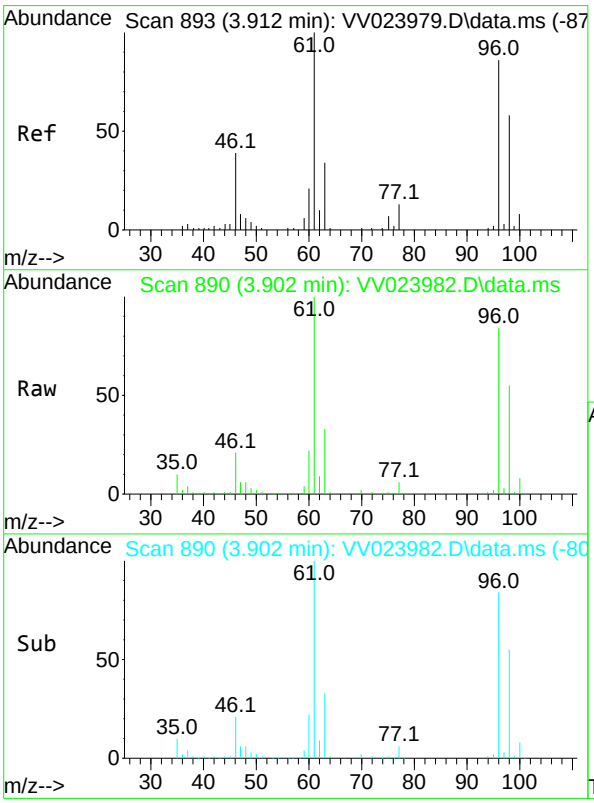
#18
trans-1,2-Dichloroethene
Concen: 2.827 ug/L
RT: 2.757 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV023982.D
Acq: 15 Dec 2021 15:39

Instrument :
MSVOA_V
ClientSampleId :
BG3D2

Tgt Ion: 96 Resp: 18386

Ion	Ratio	Lower	Upper
96	100		
61	122.6	88.2	163.8
98	66.9	44.9	83.5





#22
cis-1,2-Dichloroethene
Concen: 14.771 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.010 min
Lab File: VV023982.D
Acq: 15 Dec 2021 15:39

Tgt Ion: 96 Resp: 101682

Ion	Ratio	Lower	Upper
96	100		
61	119.7	83.4	154.8
68	0.0	0.0	0.0