Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121521\
Data File : VV023983.D
Acq On : 15 Dec 2021 16:03
Operator : SY/MD
Sample : M4971-14 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3D1

Quant Time: Dec 16 04:50:08 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	5.619	114	94152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17367	3.431	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.600%			
7) Chloroethane-d5	1.568	69	18030	4.269	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.400%			
11) 1,1-Dichloroethene-d2	2.108	63	25239	2.555	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.000%#			
20) 2-Butanone-d5	3.899	46	47288	47.820	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.640%			
24) Chloroform-d	4.349	84	53289	4.648	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.037	65	27151	5.086	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
32) Benzene-d6	5.050	84	83219	4.101	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.000%			
36) 1,2-Dichloropropane-d6	6.069	67	28955	4.730	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.317	98	61966	3.392	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.800%#			
43) trans-1,3-Dichloroprop...	7.629	79	9140	3.599	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.000%			
46) 2-Hexanone-d5	8.092	63	51756	45.524	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.040%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23980	4.722	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	31836	4.901	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	12852	1.692	ug/L	98
16) Methylene chloride	2.510	84	3363	0.407	ug/L #	86
18) trans-1,2-Dichloroethene	2.761	96	11981	1.713	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	72650	9.815	ug/L	99

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

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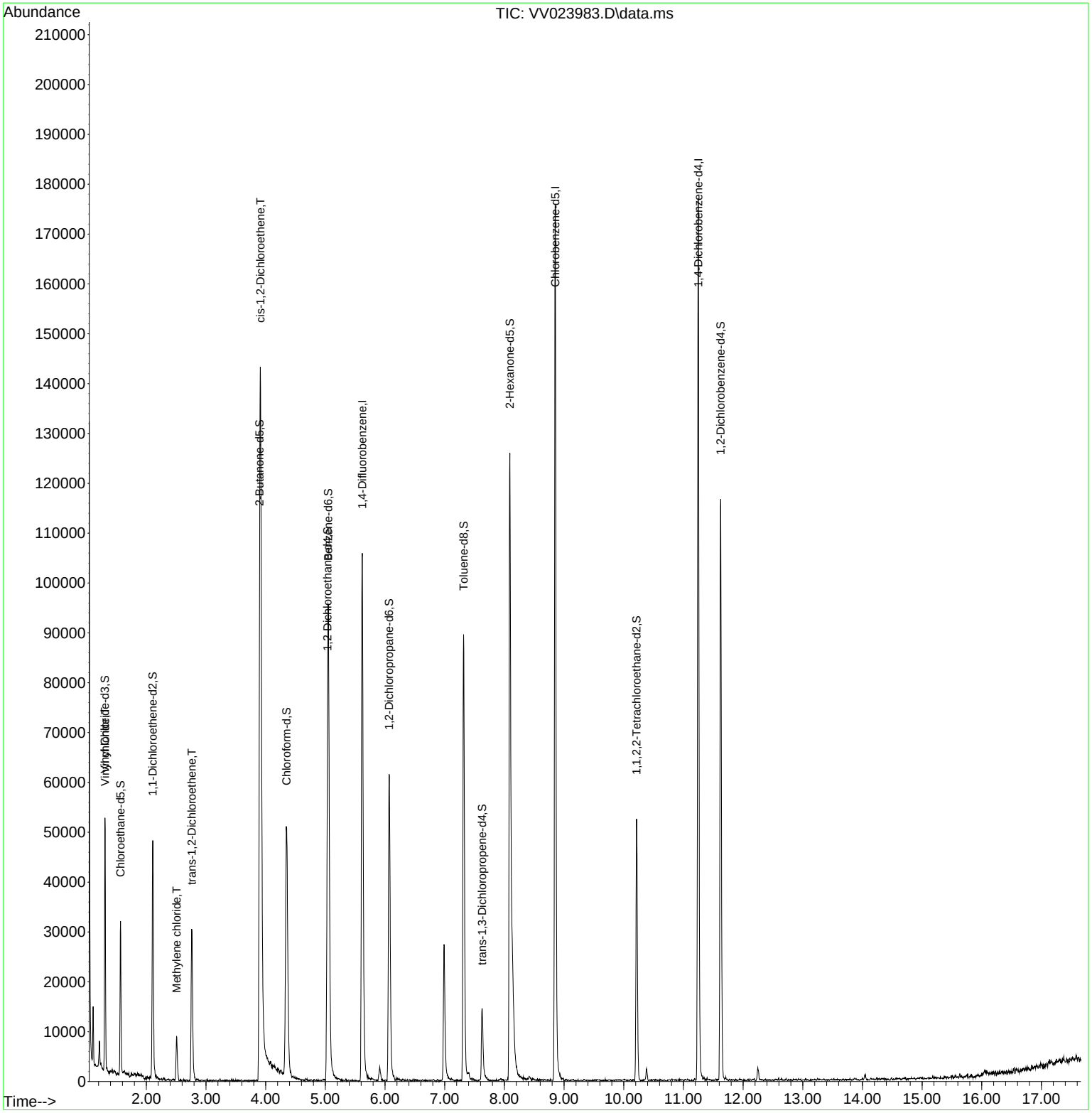
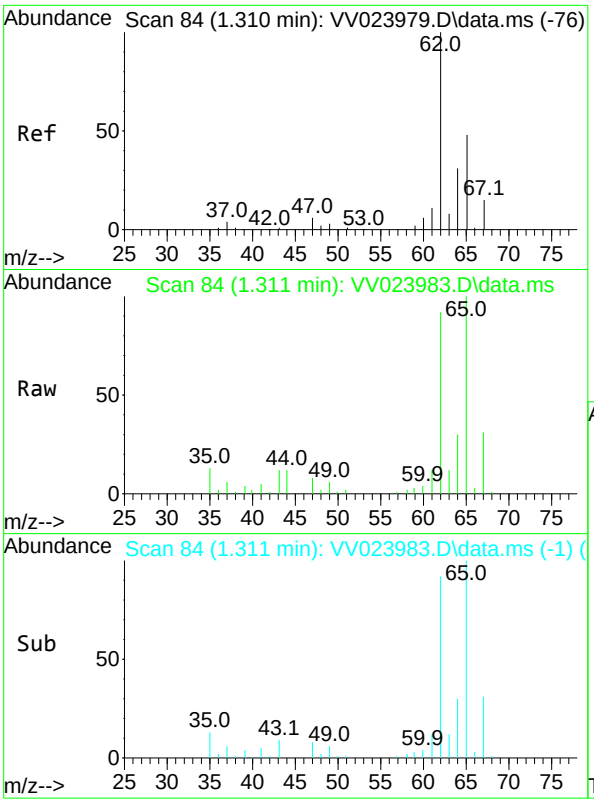


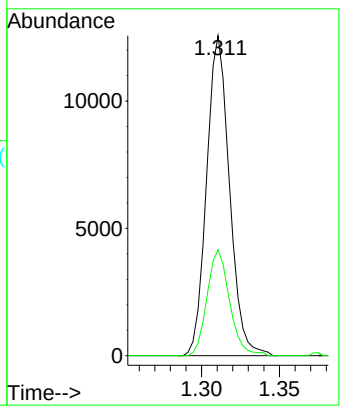


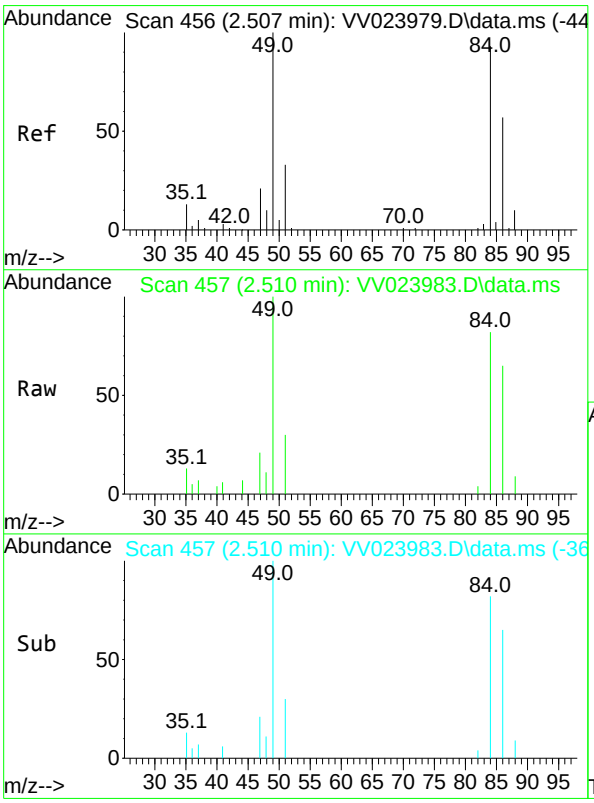
#5
Vinyl chloride
Concen: 1.692 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023983.D
Acq: 15 Dec 2021 16:03

Instrument :
MSVOA_V
ClientSampleId :
BG3D1

Tgt Ion: 62 Resp: 12852

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.4	41.6

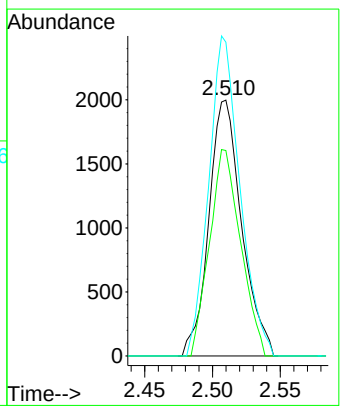


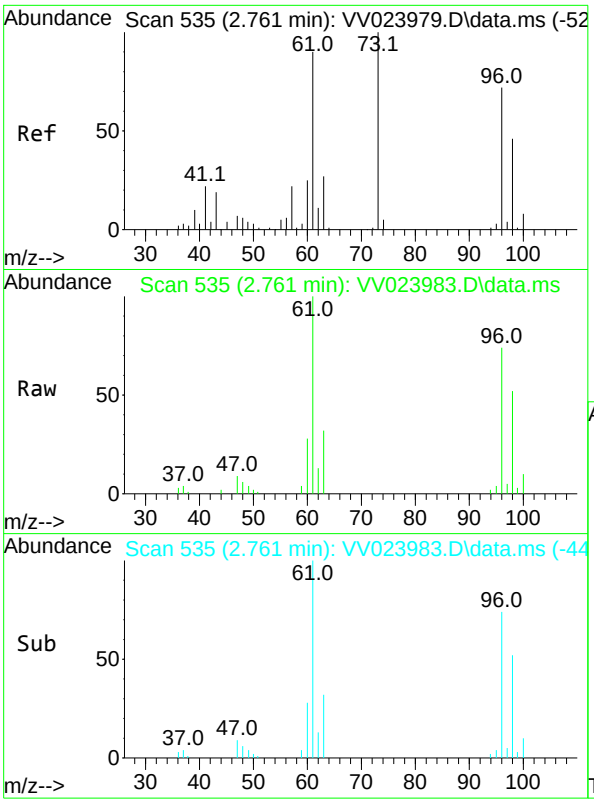


#16
Methylene chloride
Concen: 0.407 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023983.D
Acq: 15 Dec 2021 16:03

Tgt Ion: 84 Resp: 3363

Ion	Ratio	Lower	Upper
84	100		
86	80.3	42.6	79.0#
49	122.6	79.7	147.9



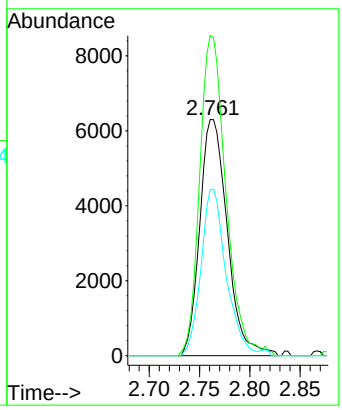


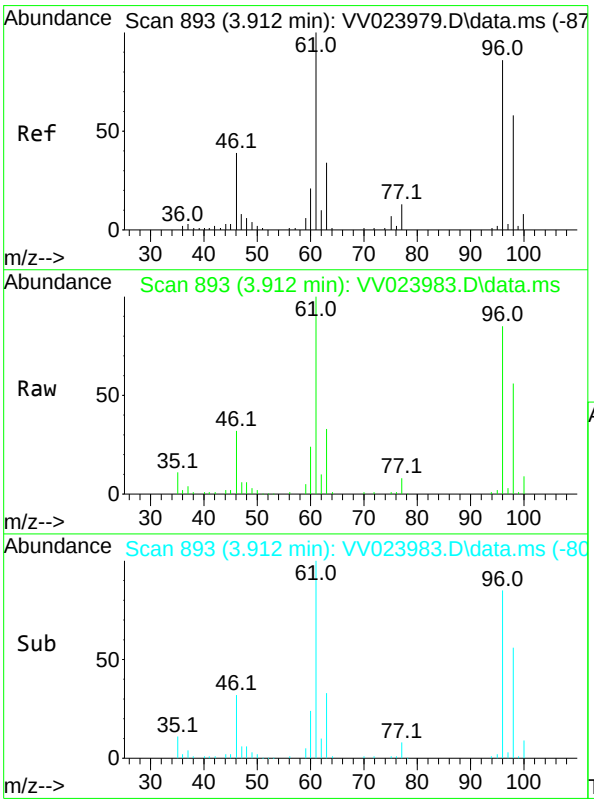
#18
trans-1,2-Dichloroethene
Concen: 1.713 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV023983.D
Acq: 15 Dec 2021 16:03

Instrument :
MSVOA_V
ClientSampleId :
BG3D1

Tgt Ion: 96 Resp: 11981

Ion	Ratio	Lower	Upper
96	100		
61	135.5	88.2	163.8
98	70.2	44.9	83.5





#22
cis-1,2-Dichloroethene
Concen: 9.815 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV023983.D
Acq: 15 Dec 2021 16:03

Tgt Ion: 96 Resp: 72650

Ion	Ratio	Lower	Upper
96	100		
61	117.9	83.4	154.8
68	0.0	0.0	0.0