Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082322\
Data File : VV027483.D
Acq On : 23 Aug 2022 12:53
Operator : SY/MD
Sample : N4252-05DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EX9C6DL

Quant Time: Aug 24 02:12:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 24 02:11:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121093	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36086	4.187	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.800%			
7) Chloroethane-d5	1.565	69	37775	5.989	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 119.800%			
11) 1,1-Dichloroethene-d2	2.105	63	72198	3.593	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.800%			
20) 2-Butanone-d5	3.892	46	42097	39.250	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.500%			
24) Chloroform-d	4.346	84	80974	4.699	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.000%			
26) 1,2-Dichloroethane-d4	5.031	65	37002	4.963	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.047	84	148635	4.456	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.066	67	44812	4.621	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.400%			
41) Toluene-d8	7.314	98	118740	3.942	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.800%			
43) trans-1,3-Dichloroprop...	7.625	79	14134	4.257	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.200%			
46) 2-Hexanone-d5	8.092	63	42890	39.240	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.480%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27302	4.421	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	38363	4.732	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	36718	3.251	ug/L	99
16) Methylene chloride	2.503	84	6443	0.466	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	3654	0.387	ug/L	88
22) cis-1,2-Dichloroethene	3.909	96	85275	8.477	ug/L	91
34) Trichloroethene	5.918	95	3111	0.295	ug/L	91

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

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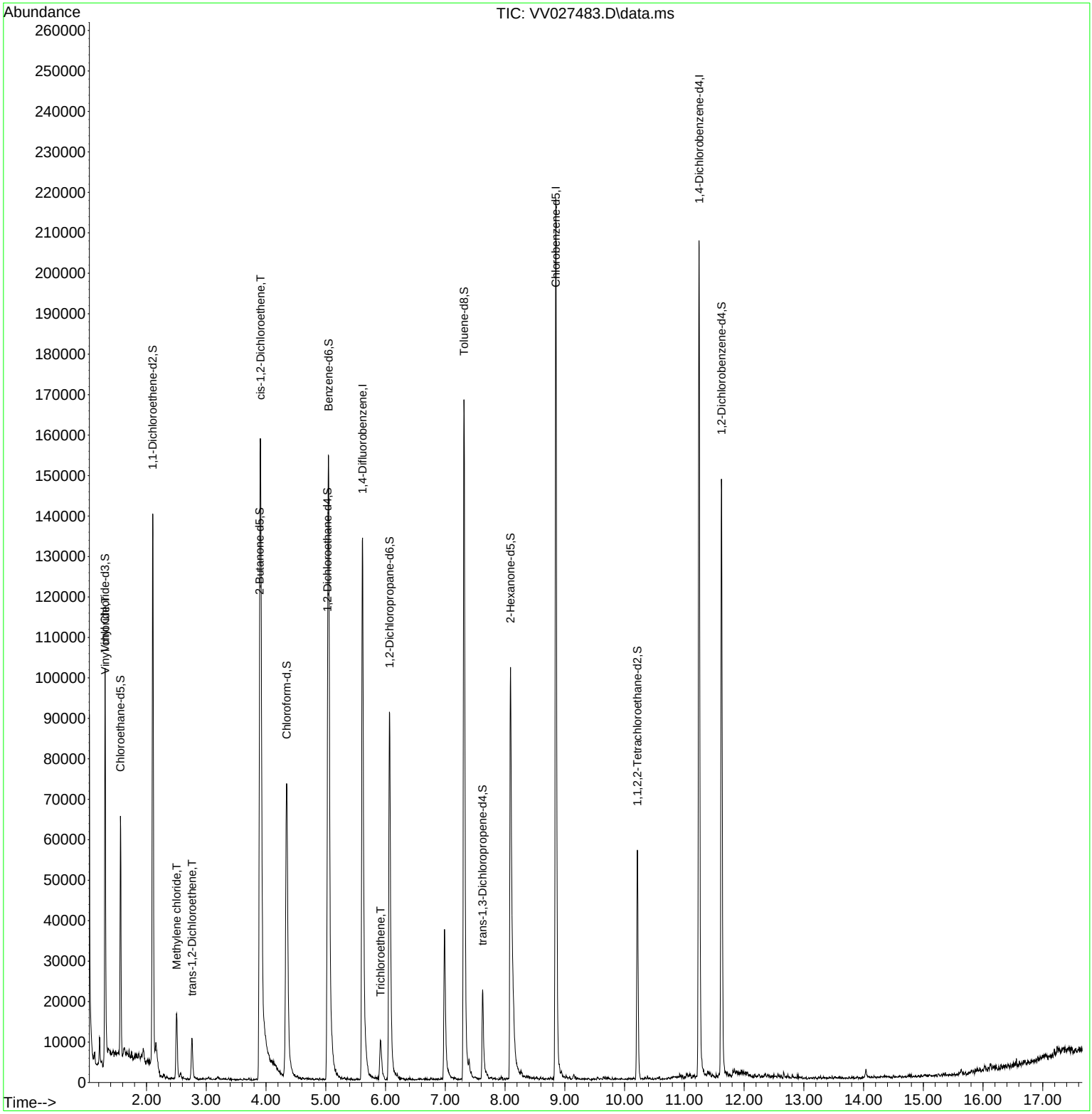
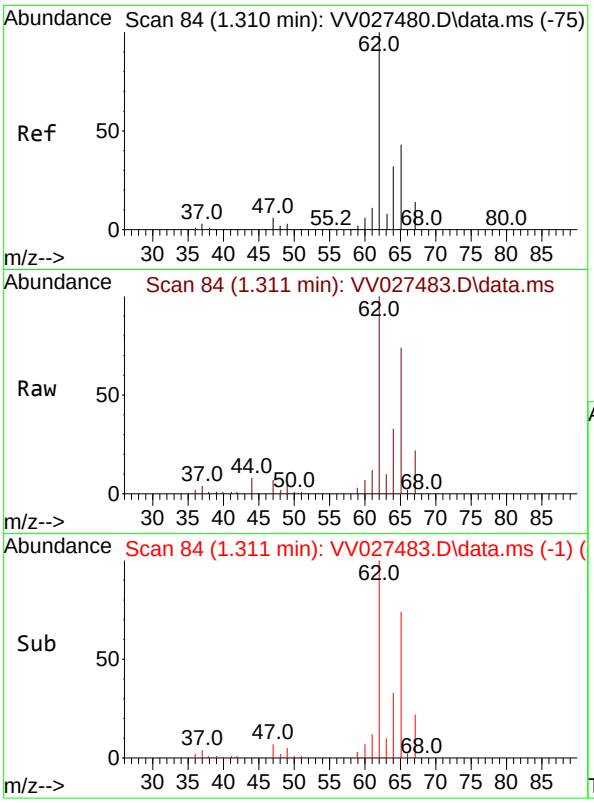


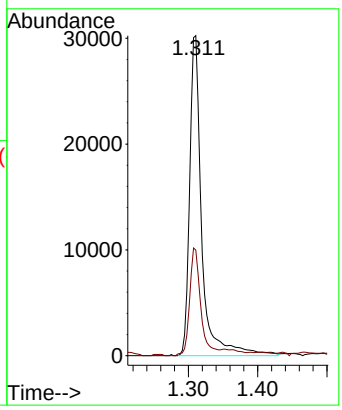


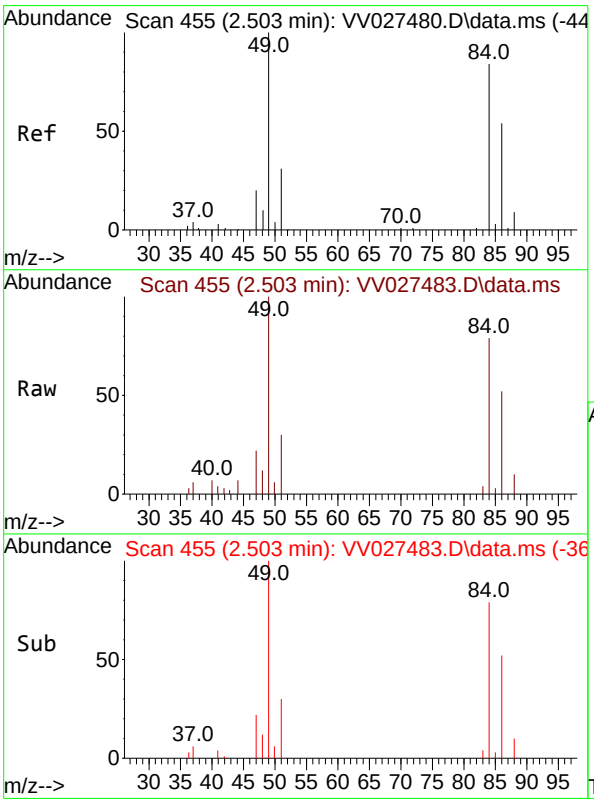
#5
Vinyl chloride
Concen: 3.251 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV027483.D
Acq: 23 Aug 2022 12:53

Instrument :
MSVOA_V
ClientSampleId :
EX9C6DL

Tgt Ion: 62 Resp: 36718

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.6	42.0

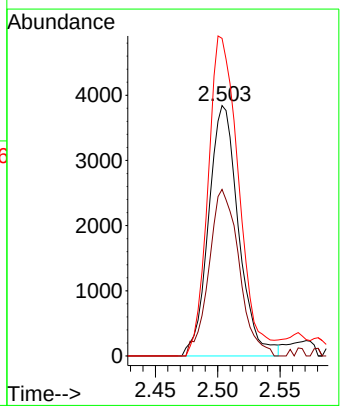


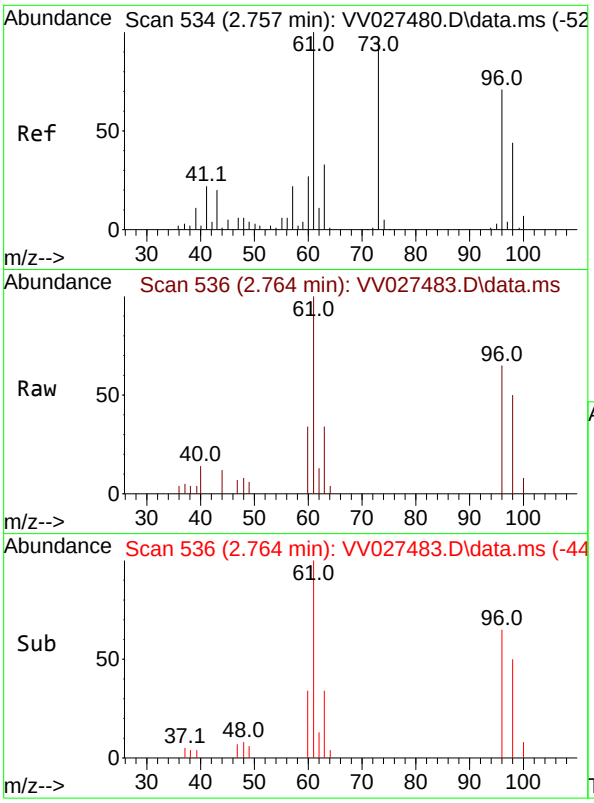


#16
Methylene chloride
Concen: 0.466 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027483.D
Acq: 23 Aug 2022 12:53

Tgt Ion: 84 Resp: 6443

Ion	Ratio	Lower	Upper
84	100		
86	66.5	44.0	81.6
49	126.8	89.4	166.0



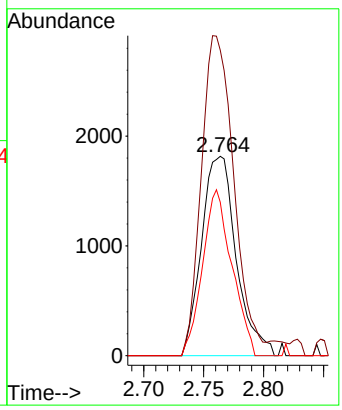


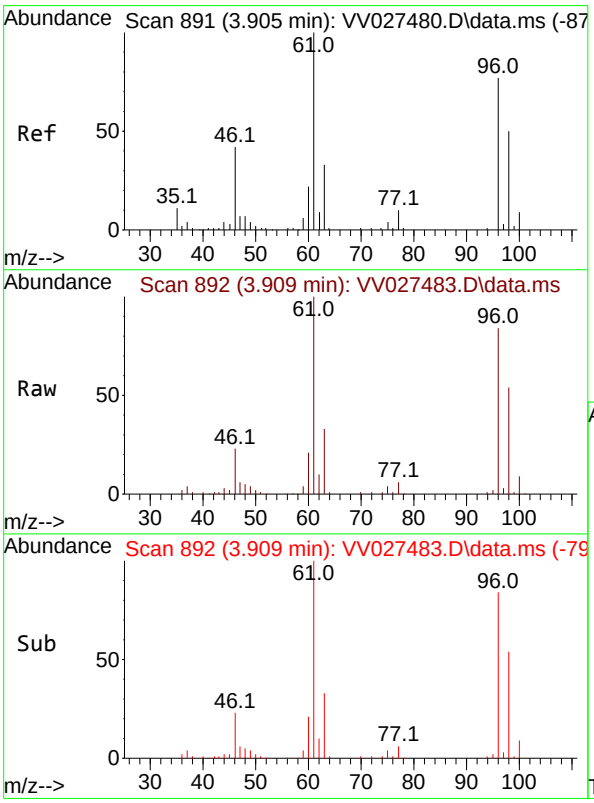
#18
trans-1,2-Dichloroethene
Concen: 0.387 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.007 min
Lab File: VV027483.D
Acq: 23 Aug 2022 12:53

Instrument :
MSVOA_V
ClientSampleId :
EX9C6DL

Tgt Ion: 96 Resp: 3654

Ion	Ratio	Lower	Upper
96	100		
61	153.2	97.6	181.4
98	77.0	45.9	85.3

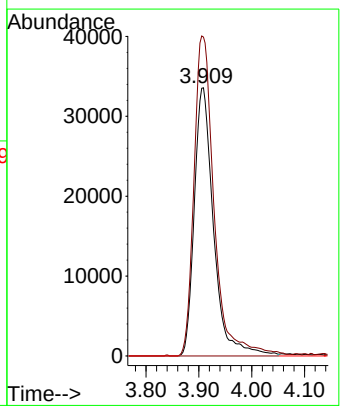


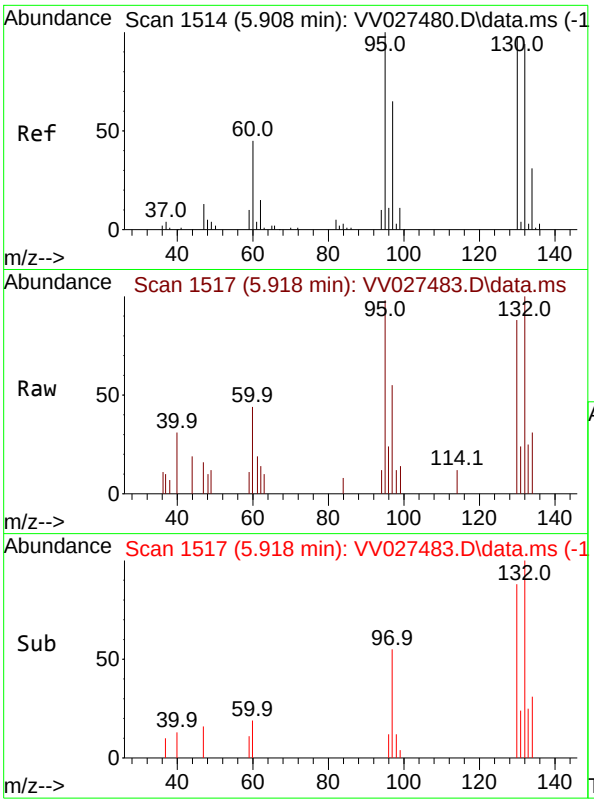


#22
cis-1,2-Dichloroethene
Concen: 8.477 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV027483.D
Acq: 23 Aug 2022 12:53

Tgt Ion: 96 Resp: 85275

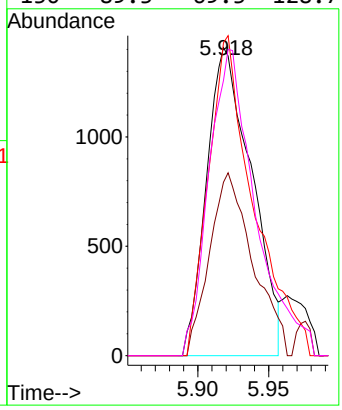
Ion	Ratio	Lower	Upper
96	100		
61	118.9	90.6	168.2
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 0.295 ug/L
RT: 5.918 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV027483.D
Acq: 23 Aug 2022 12:53

Instrument :
MSVOA_V
ClientSampleId :
EX9C6DL

Tgt Ion: 95 Resp: 3111

Ion	Ratio	Lower	Upper
95	100		
97	56.3	45.0	83.6
132	101.6	65.7	121.9
130	89.3	69.3	128.7