Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
Data File : VU057196.D
Acq On : 22 Dec 2023 17:45
Operator : MD/SY
Sample : 05894-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH3L8

Quant Time: Dec 22 22:50:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 22:46:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71060	4.396	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.000%			
7) Chloroethane-d5	1.910	69	62979	4.733	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.563	65	31945	4.561	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.200%			
20) 2-Butanone-d5	4.624	46	148097	58.347	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.700%			
24) Chloroform-d	5.055	84	153565	4.919	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.695	65	76279	5.127	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
32) Benzene-d6	5.721	84	276761	4.805	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
36) 1,2-Dichloropropane-d6	6.682	67	85157	5.196	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.000%			
41) Toluene-d8	7.891	98	231844	4.409	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	8.174	79	32457	4.757	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.200%			
46) 2-Hexanone-d5	8.627	63	123339	53.097	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.200%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	62864	5.390	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	83674	5.085	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2791	0.189	ug/L #	34
19) 1,1-Dichloroethane	3.859	63	3749	0.153	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	10515	0.774	ug/L	91
51) Chlorobenzene	9.444	112	16184	0.441	ug/L	98

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

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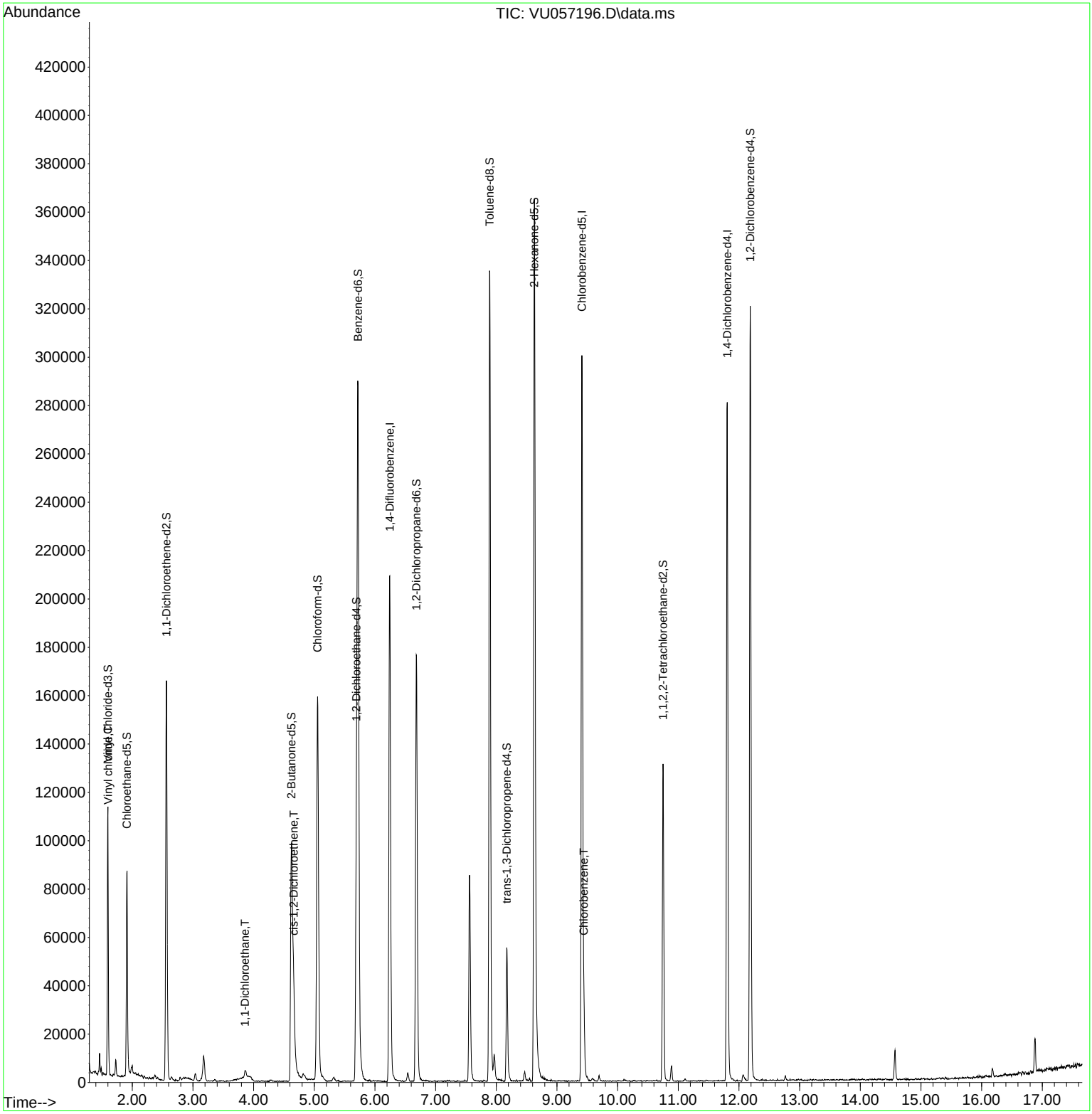
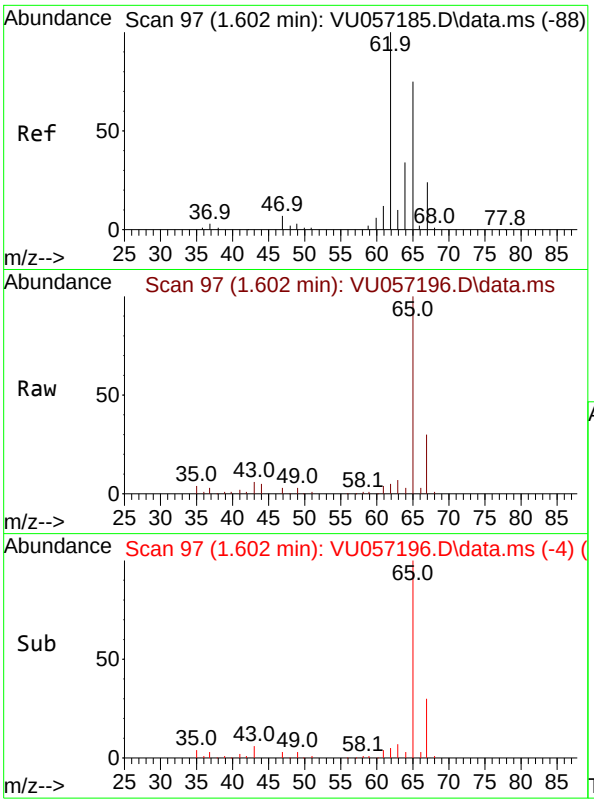


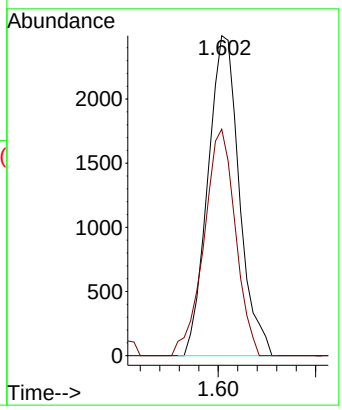


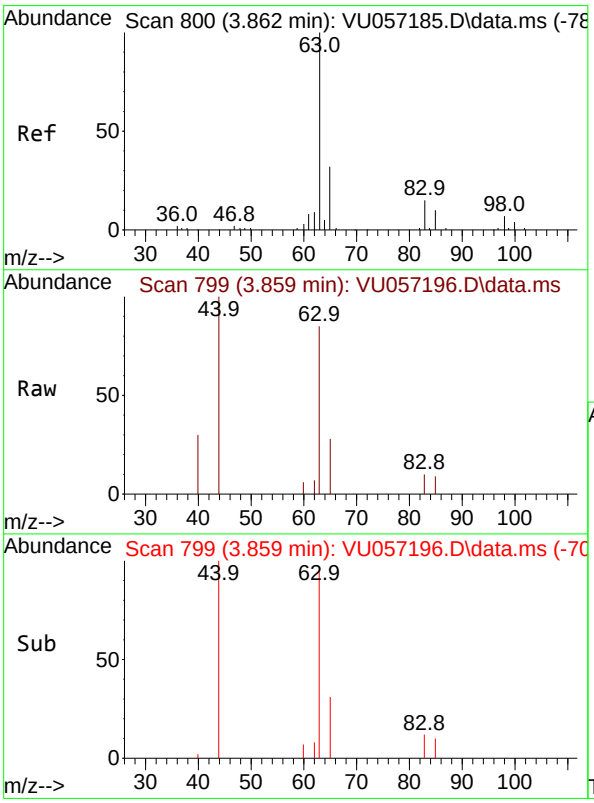
#5
Vinyl chloride
Concen: 0.189 ug/L
RT: 1.602 min Scan# 9
Delta R.T. -0.000 min
Lab File: VU057196.D
Acq: 22 Dec 2023 17:45

Instrument :
MSVOA_U
ClientSampleId :
BH3L8

Tgt Ion: 62 Resp: 2791

Ion	Ratio	Lower	Upper
62	100		
64	70.8	23.3	43.3#

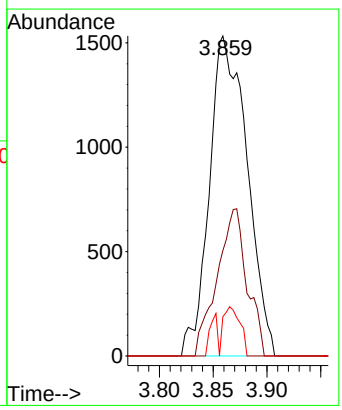


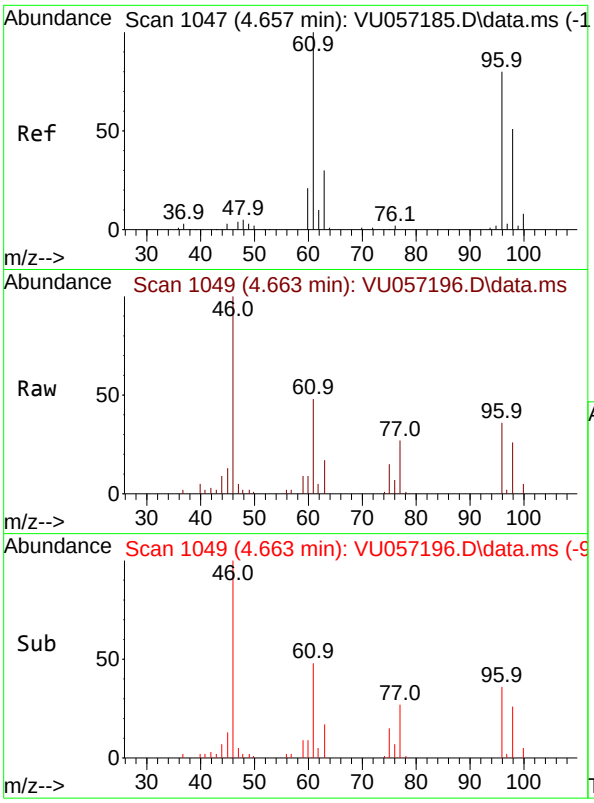


#19
1,1-Dichloroethane
Concen: 0.153 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU057196.D
Acq: 22 Dec 2023 17:45

Tgt Ion: 63 Resp: 3749

Ion	Ratio	Lower	Upper
63	100		
65	32.9	21.6	40.2
83	12.3	10.2	19.0



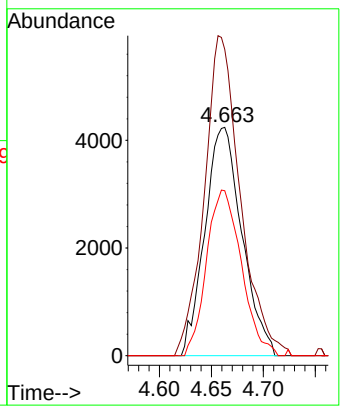


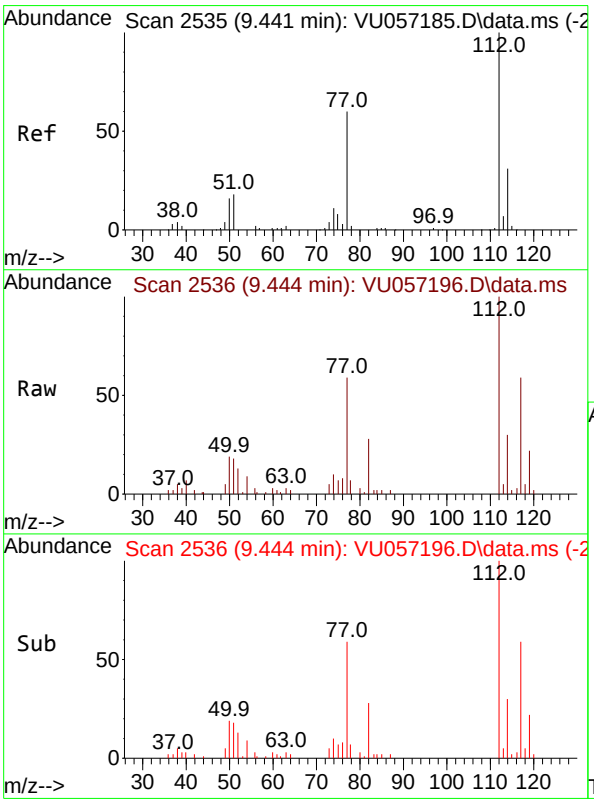
#22
cis-1,2-Dichloroethene
Concen: 0.774 ug/L
RT: 4.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU057196.D
Acq: 22 Dec 2023 17:45

Instrument :
MSVOA_U
ClientSampleId :
BH3L8

Tgt Ion: 96 Resp: 10515

Ion	Ratio	Lower	Upper
96	100		
61	134.1	86.8	161.2
98	72.3	45.5	84.5





#51
Chlorobenzene
Concen: 0.441 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU057196.D
Acq: 22 Dec 2023 17:45

Tgt Ion:112 Resp: 16184

Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.7	42.1
77	65.8	52.2	78.2