Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
Data File : VU057728.D
Acq On : 29 Jan 2024 19:47
Operator : MD/SY
Sample : VIBLK179
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK179

Quant Time: Jan 30 00:36:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 00:30:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64209	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18713	5.290	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.800%			
7) Chloroethane-d5	1.911	69	16433	5.544	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.800%			
11) 1,1-Dichloroethene-d2	2.563	65	8641	5.195	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.800%			
20) 2-Butanone-d5	4.624	46	36322	54.424	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.840%			
24) Chloroform-d	5.055	84	35439	4.935	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.695	65	17877	5.478	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.600%			
32) Benzene-d6	5.721	84	71934	5.254	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.000%			
36) 1,2-Dichloropropane-d6	6.682	67	21300	5.158	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.200%			
41) Toluene-d8	7.894	98	65025	5.004	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
43) trans-1,3-Dichloroprop...	8.177	79	7965	4.840	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.800%			
46) 2-Hexanone-d5	8.627	63	28542	54.357	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.720%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13805	4.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	19628	5.397	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1862	0.321	ug/L	89
16) Methylene chloride	3.039	84	1162	0.232	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	577	0.117	ug/L	85
22) cis-1,2-Dichloroethene	4.660	96	63353	11.990	ug/L	99

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

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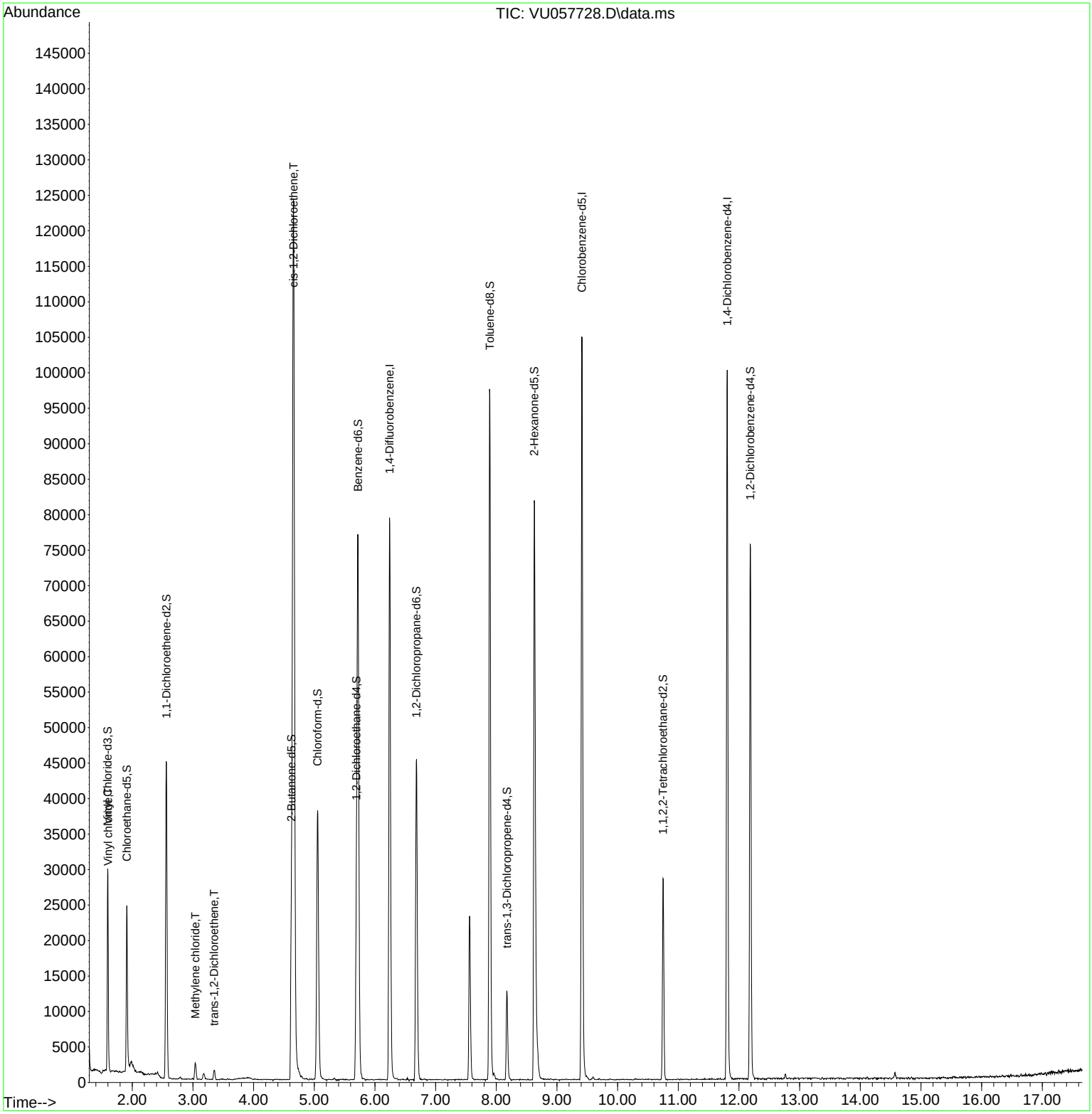
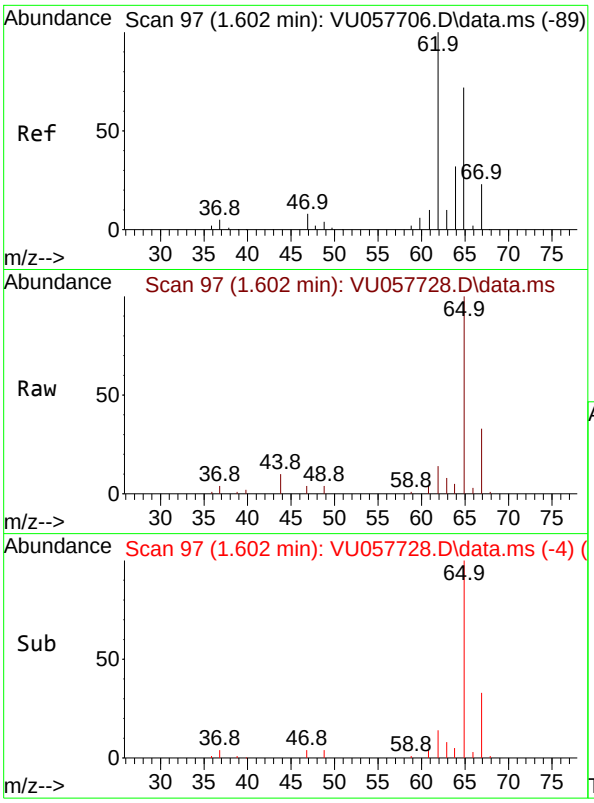


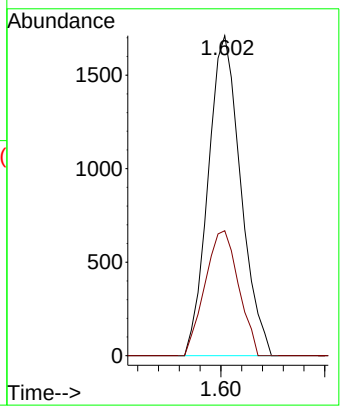


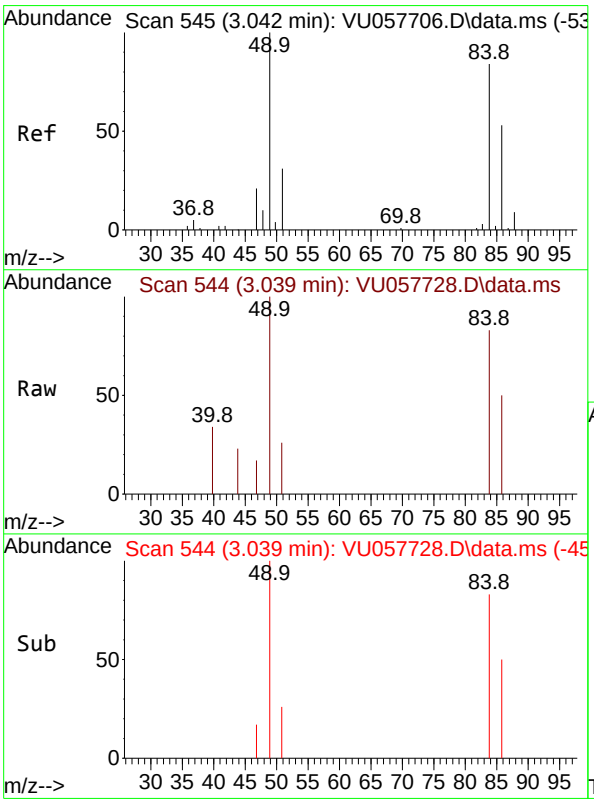
#5
Vinyl chloride
Concen: 0.321 ug/L
RT: 1.602 min Scan# 9
Delta R.T. 0.000 min
Lab File: VU057728.D
Acq: 29 Jan 2024 19:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK179

Tgt Ion: 62 Resp: 1862

Ion	Ratio	Lower	Upper
62	100		
64	39.0	22.8	42.4

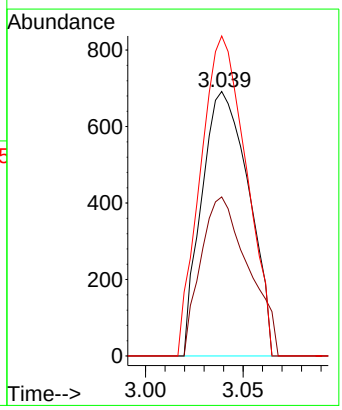


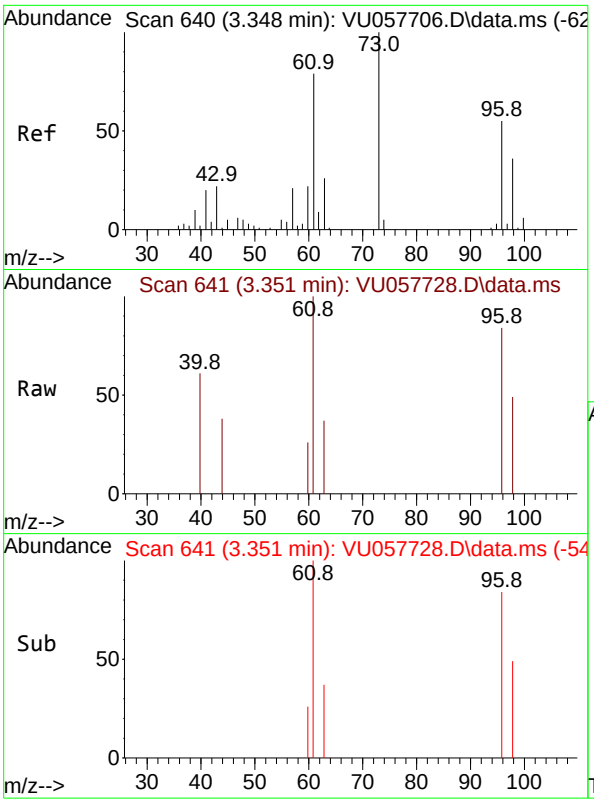


#16
Methylene chloride
Concen: 0.232 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057728.D
Acq: 29 Jan 2024 19:47

Tgt Ion: 84 Resp: 1162

Ion	Ratio	Lower	Upper
84	100		
86	60.1	43.5	80.9
49	121.0	82.5	153.1



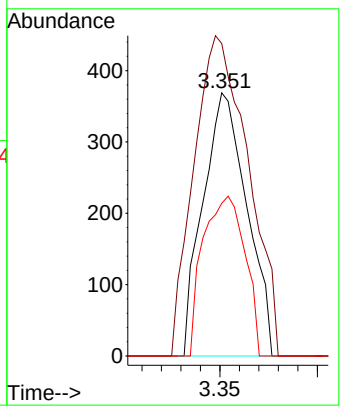


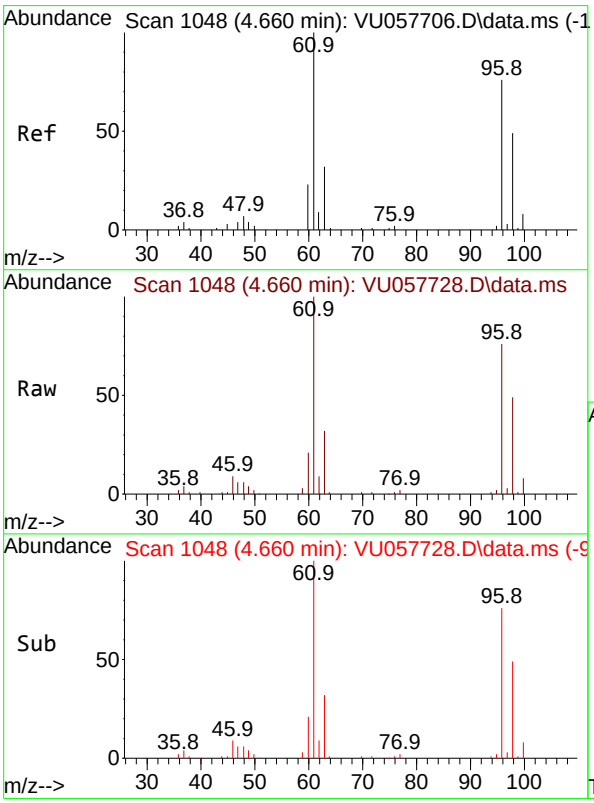
#18
trans-1,2-Dichloroethene
Concen: 0.117 ug/L
RT: 3.351 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU057728.D
Acq: 29 Jan 2024 19:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK179

Tgt Ion: 96 Resp: 577

Ion	Ratio	Lower	Upper
96	100		
61	118.7	99.3	184.5
98	58.0	44.5	82.7





#22
cis-1,2-Dichloroethene
Concen: 11.990 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057728.D
Acq: 29 Jan 2024 19:47

Tgt Ion: 96 Resp: 63353

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.7	172.1
98	64.0	44.9	83.5