Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
Data File : VU058568.D
Acq On : 10 Apr 2024 18:29
Operator : MD/SY
Sample : P2013-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0MC1

Quant Time: Apr 11 01:33:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 01:28:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85166	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24970	4.428	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.904	69	21676	4.424	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	2.557	65	10492	4.111	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.200%			
20) 2-Butanone-d5	4.618	46	48493	40.810	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.620%			
24) Chloroform-d	5.052	84	47427	4.213	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.692	65	23270	4.430	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.600%			
32) Benzene-d6	5.718	84	94869	4.169	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
36) 1,2-Dichloropropane-d6	6.682	67	29809	4.177	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.600%			
41) Toluene-d8	7.891	98	77256	3.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	8.177	79	8385	3.785	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.800%			
46) 2-Hexanone-d5	8.627	63	32357	35.412	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.820%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18123	3.597	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 72.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	22907	3.970	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 79.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.596	62	65675	7.569	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	30486	4.291	ug/L	100
30) Cyclohexane	5.377	56	4095	0.342	ug/L	96
35) Methylcyclohexane	6.756	83	1777	0.153	ug/L	93

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

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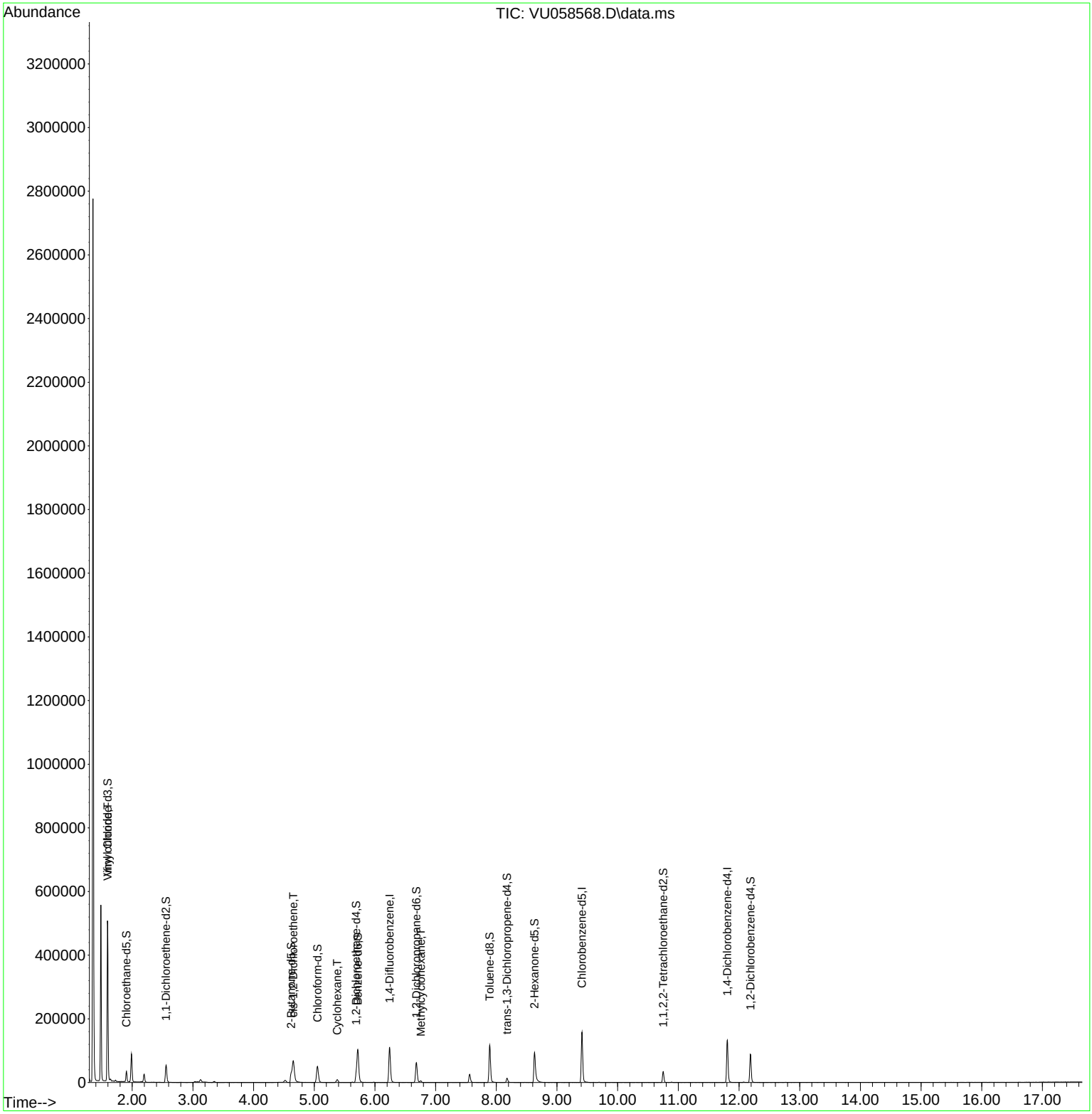
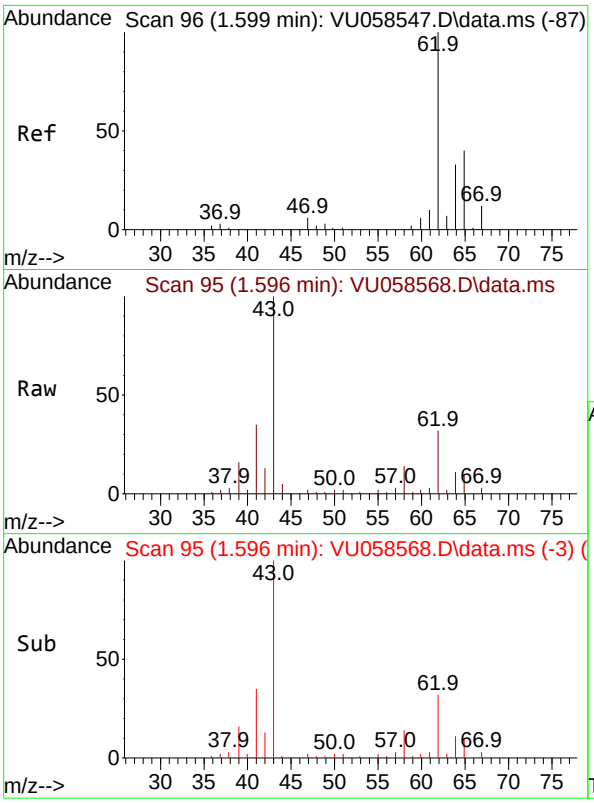


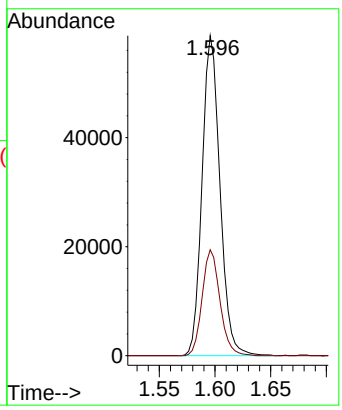


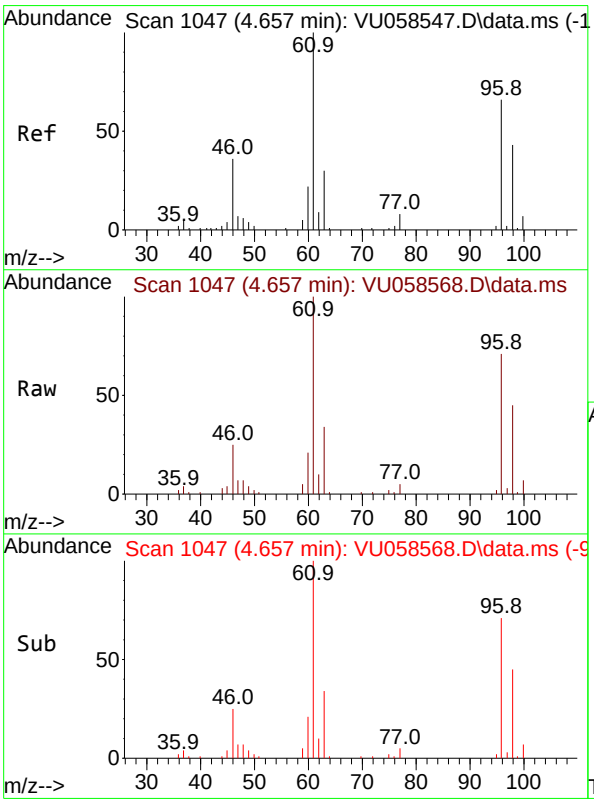
#5
Vinyl chloride
Concen: 7.569 ug/L
RT: 1.596 min Scan# 9
Delta R.T. -0.003 min
Lab File: VU058568.D
Acq: 10 Apr 2024 18:29

Instrument :
MSVOA_U
ClientSampleId :
E0MC1

Tgt Ion: 62 Resp: 65675

Ion	Ratio	Lower	Upper
62	100		
64	33.1	22.6	42.0

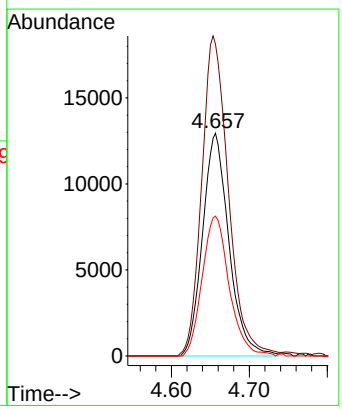


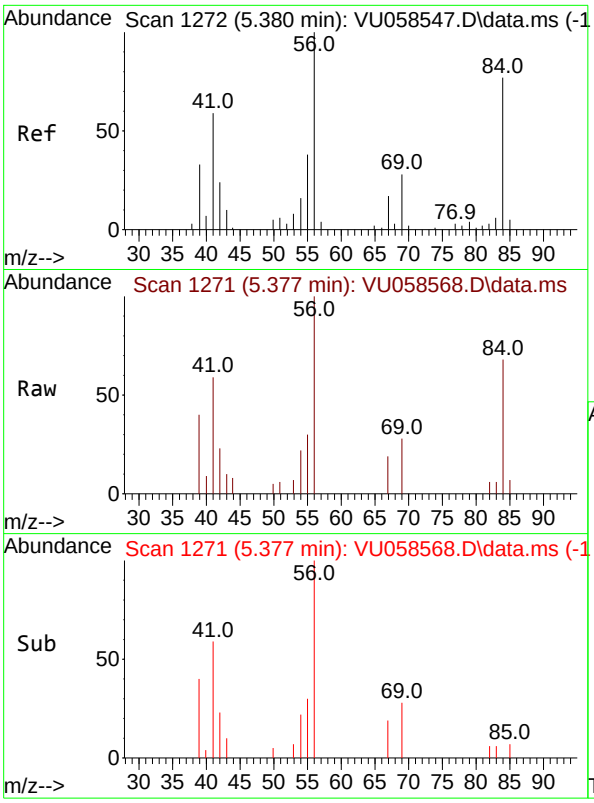


#22
cis-1,2-Dichloroethene
Concen: 4.291 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058568.D
Acq: 10 Apr 2024 18:29

Tgt Ion: 96 Resp: 30486

Ion	Ratio	Lower	Upper
96	100		
61	140.0	98.1	182.3
98	62.8	43.6	81.0



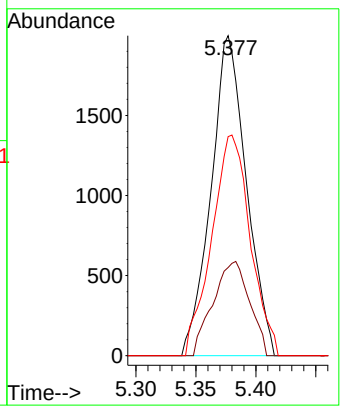


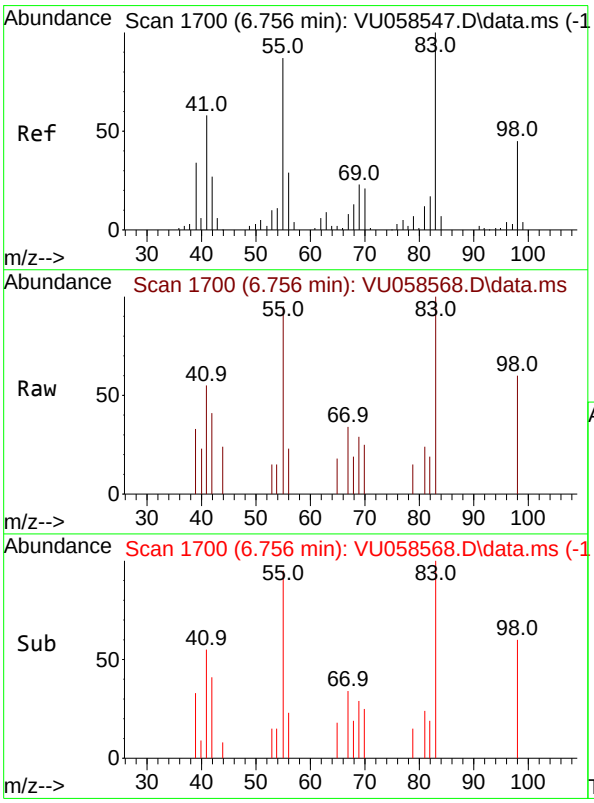
#30
Cyclohexane
Concen: 0.342 ug/L
RT: 5.377 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058568.D
Acq: 10 Apr 2024 18:29

Instrument :
MSVOA_U
ClientSampleId :
E0MC1

Tgt Ion: 56 Resp: 4095

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.2	34.8
84	75.2	63.3	94.9





#35
Methylcyclohexane
Concen: 0.153 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058568.D
Acq: 10 Apr 2024 18:29

Tgt Ion: 83 Resp: 1777

Ion	Ratio	Lower	Upper
83	100		
55	88.0	66.2	99.4
98	37.8	34.6	52.0