Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058401.D
Acq On : 05 Apr 2024 05:26
Operator : MD/SY
Sample : P1948-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Quant Time: Apr 05 05:47:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 00:02:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26502	4.963	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.200%			
7) Chloroethane-d5	1.907	69	23684	5.103	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.000%			
11) 1,1-Dichloroethene-d2	2.563	65	12221	5.056	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.200%			
20) 2-Butanone-d5	4.631	46	61062	54.256	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.520%			
24) Chloroform-d	5.055	84	53971	5.062	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.200%			
26) 1,2-Dichloroethane-d4	5.695	65	26858	5.398	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.000%			
32) Benzene-d6	5.721	84	107427	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.000%			
36) 1,2-Dichloropropane-d6	6.682	67	33842	5.019	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.400%			
41) Toluene-d8	7.891	98	89341	4.685	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
43) trans-1,3-Dichloroprop...	8.174	79	9752	4.659	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.631	63	40997	47.485	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.980%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21850	4.590	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	28416	4.785	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.600%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	3712	0.649	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	359622	27.500	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	236903	22.123	ug/L	99
42) Toluene	7.965	91	17553	0.578	ug/L	99

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

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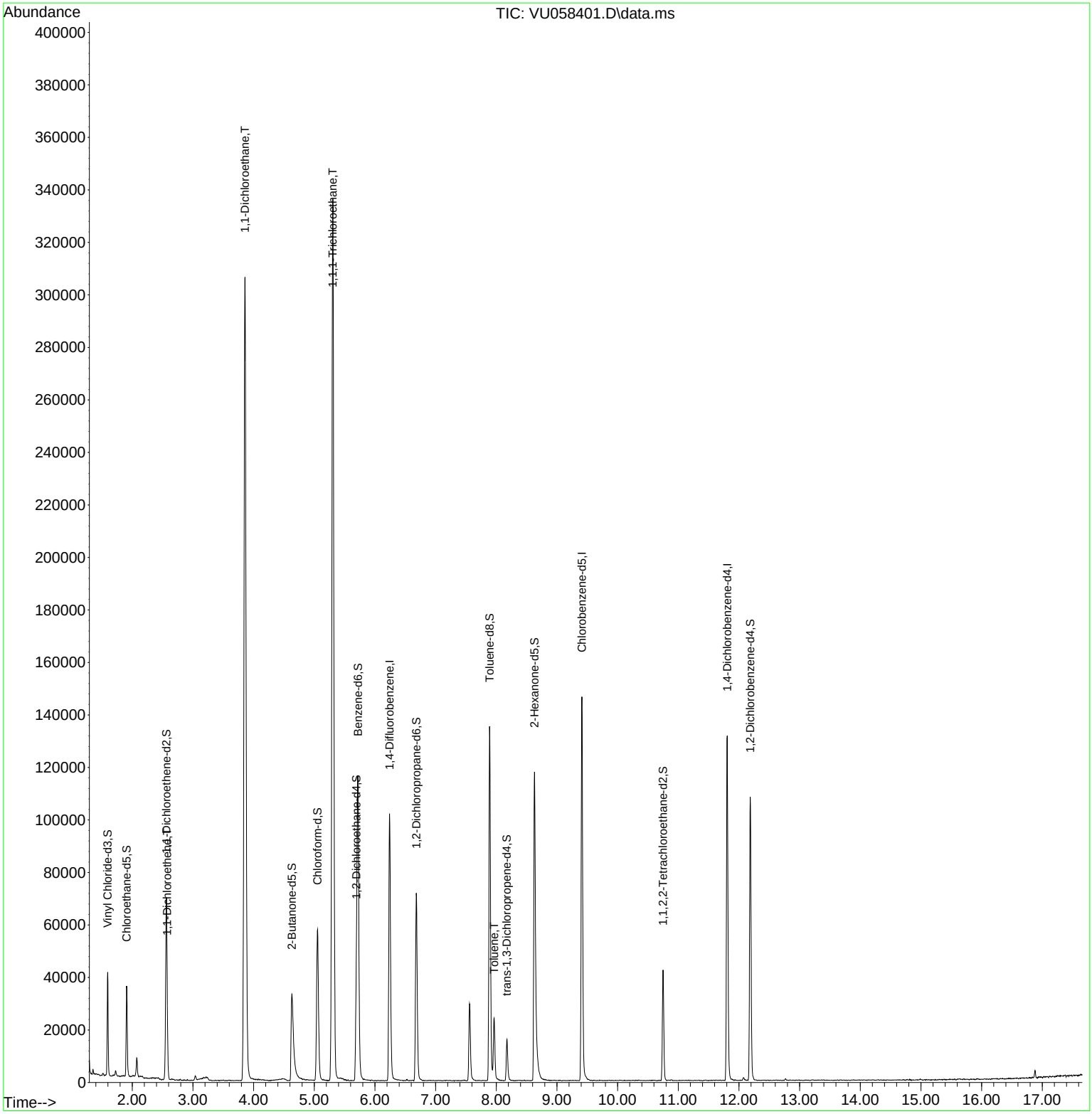
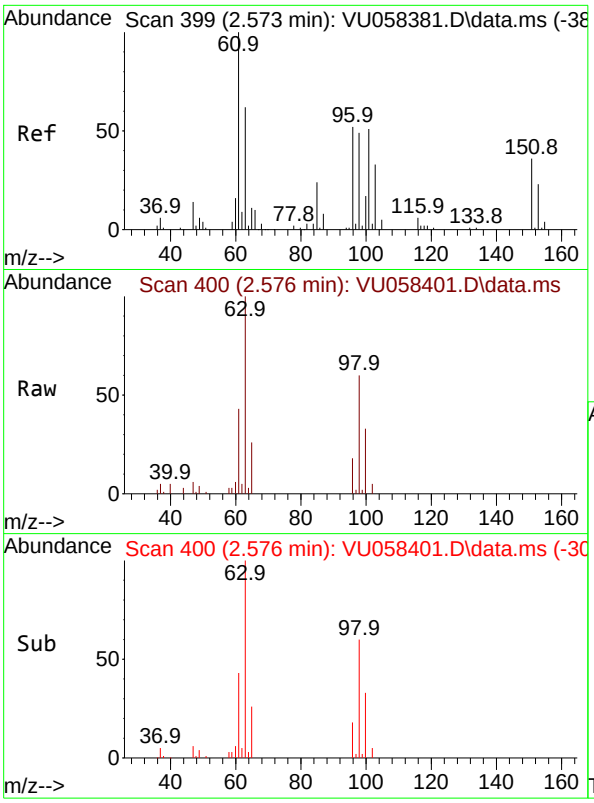


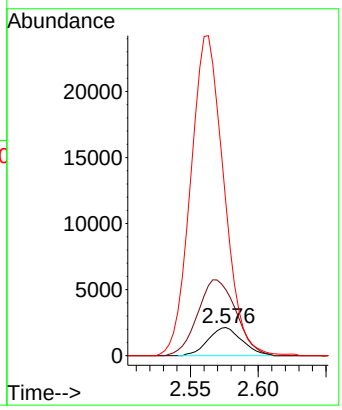


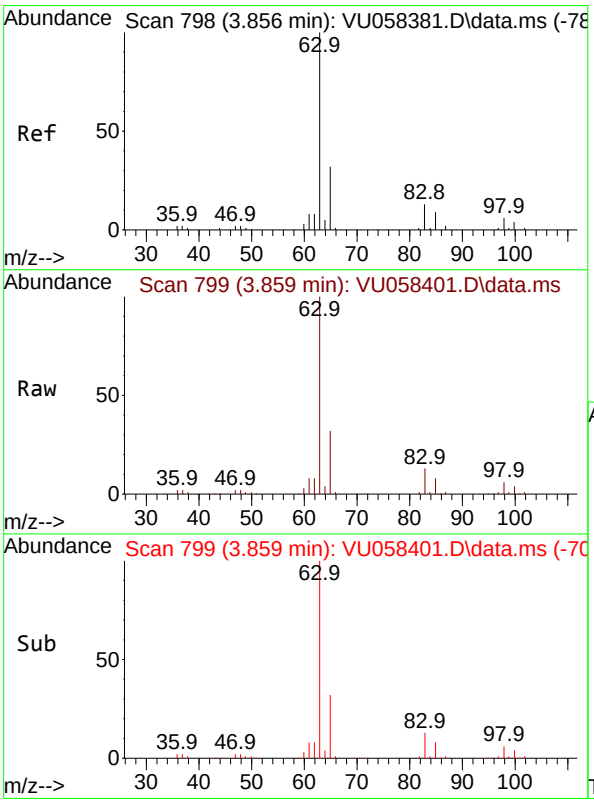
#12
1,1-Dichloroethene
Concen: 0.649 ug/L
RT: 2.576 min Scan# 4(
Delta R.T. 0.003 min
Lab File: VU058401.D
Acq: 05 Apr 2024 05:26

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tgt Ion: 96 Resp: 3712

Ion	Ratio	Lower	Upper
96	100		
61	233.8	132.5	246.1
63	540.8	87.7	162.9#

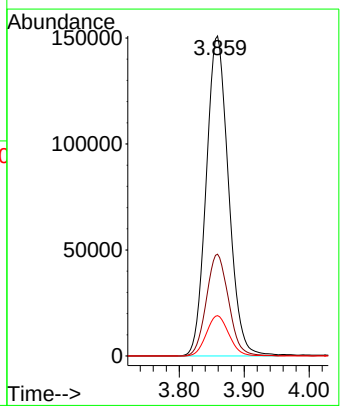


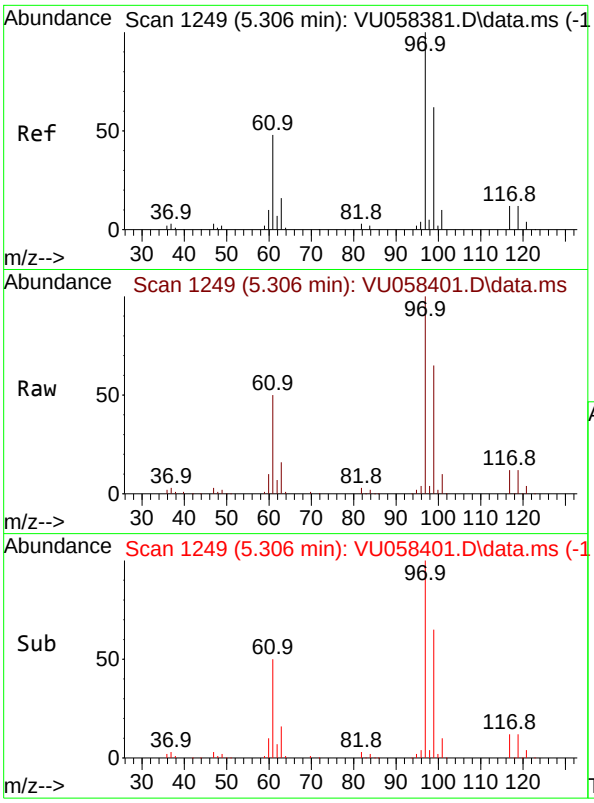


#19
1,1-Dichloroethane
Concen: 27.500 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU058401.D
Acq: 05 Apr 2024 05:26

Tgt Ion: 63 Resp: 359622

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.9	42.5
83	12.6	9.6	17.8



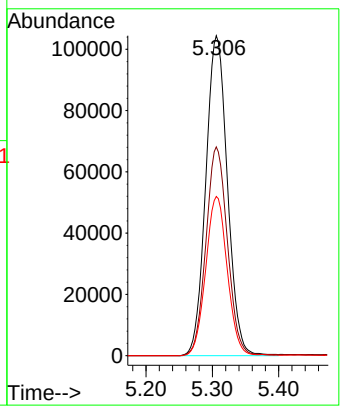


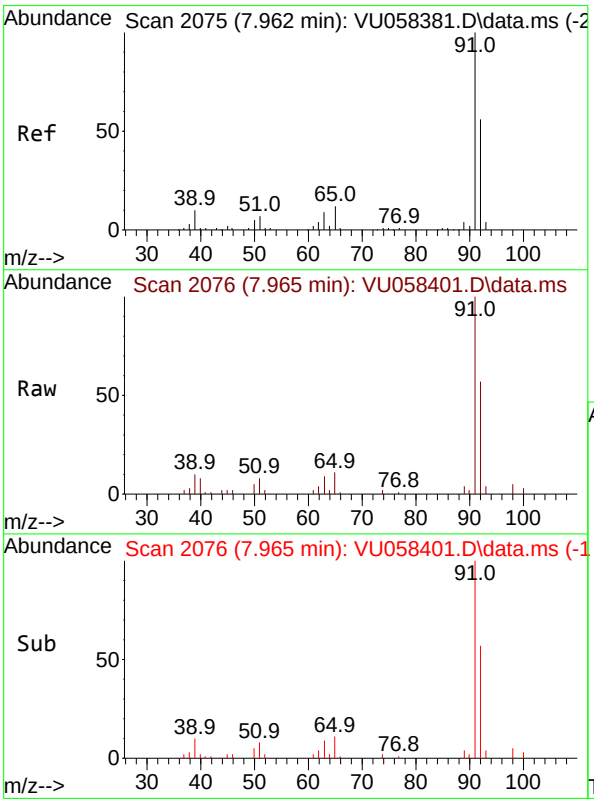
#29
1,1,1-Trichloroethane
Concen: 22.123 ug/L
RT: 5.306 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058401.D
Acq: 05 Apr 2024 05:26

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tgt Ion: 97 Resp: 236903

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.4	75.6
61	49.5	39.4	59.0





#42
Toluene
Concen: 0.578 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058401.D
Acq: 05 Apr 2024 05:26

Tgt Ion: 91 Resp: 17553

Ion	Ratio	Lower	Upper
91	100		
92	56.9	39.5	73.3