Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058445.D
Acq On : 06 Apr 2024 01:45
Operator : MD/SY
Sample : P1948-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AK7

Quant Time: Apr 06 06:00:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 06 00:37:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81195	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21146	3.934	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.600%			
7) Chloroethane-d5	1.907	69	20193	4.322	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.400%			
11) 1,1-Dichloroethene-d2	2.560	65	10459	4.299	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.000%			
20) 2-Butanone-d5	4.628	46	52863	46.663	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.320%			
24) Chloroform-d	5.052	84	47876	4.461	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.695	65	23002	4.593	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.718	84	93528	4.348	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.682	67	30602	4.536	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.800%			
41) Toluene-d8	7.891	98	78609	4.121	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
43) trans-1,3-Dichloroprop...	8.177	79	8464	4.042	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.800%			
46) 2-Hexanone-d5	8.631	63	36582	42.357	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.720%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19991	4.198	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	25458	4.335	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.600%			
Target Compounds						Qvalue
8) Chloroethane	1.930	64	11320	2.166	ug/L	94
12) 1,1-Dichloroethene	2.576	96	9937	1.727	ug/L #	70
19) 1,1-Dichloroethane	3.856	63	447443	33.991	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	13793	1.288	ug/L	97

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

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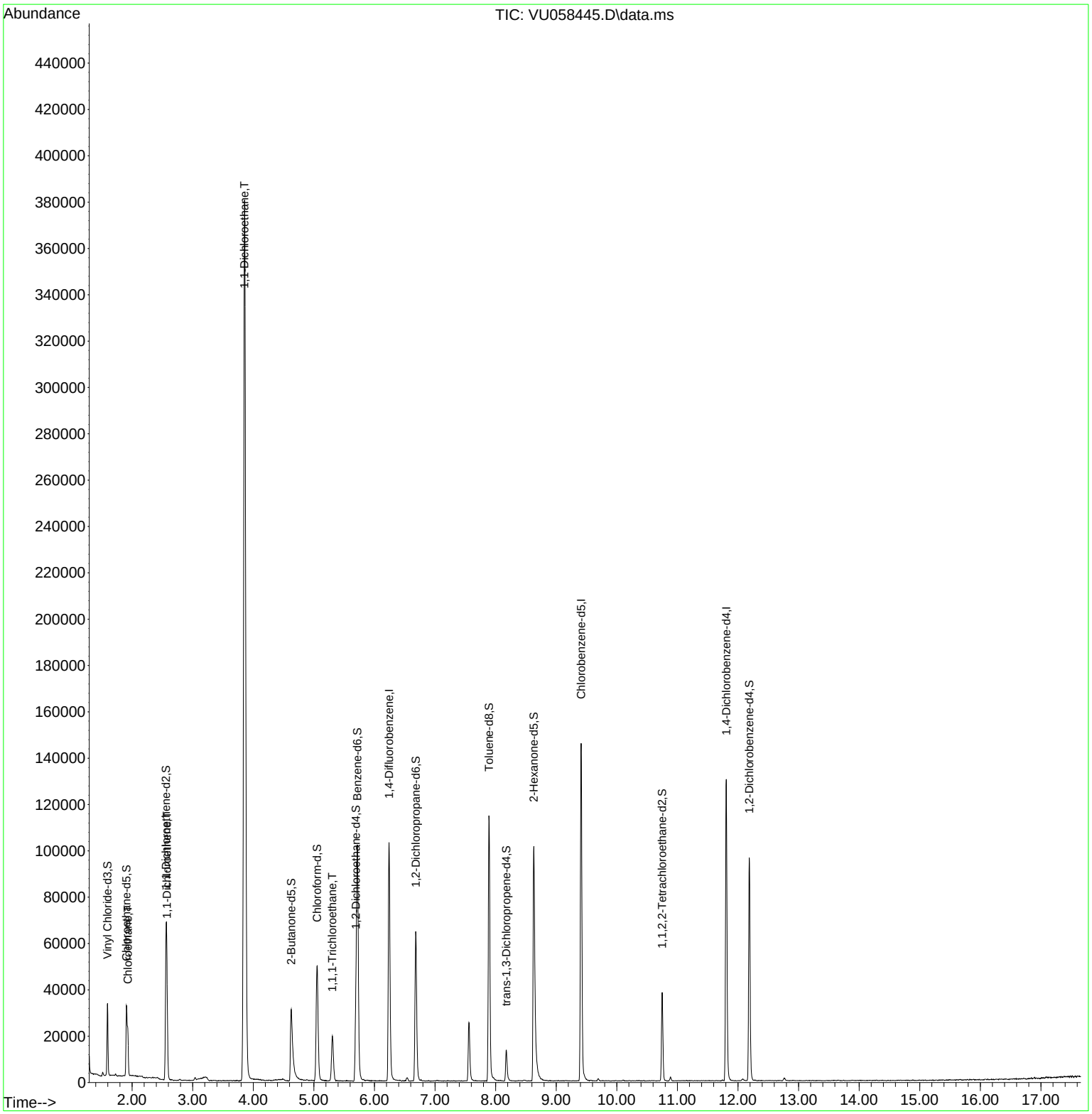
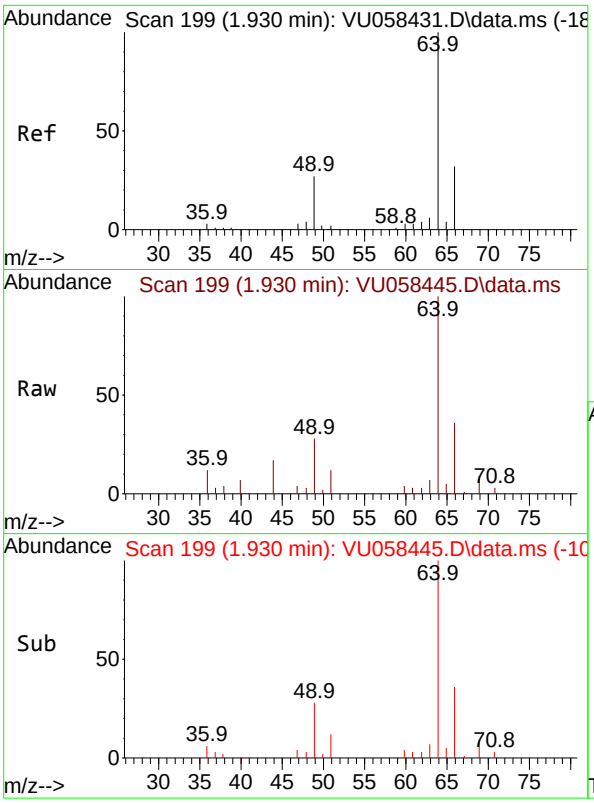


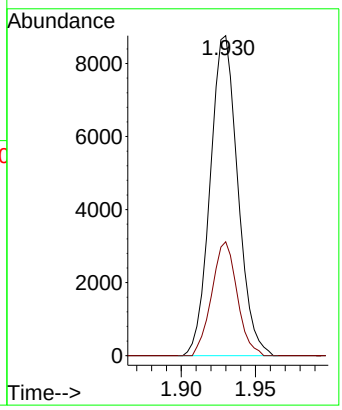


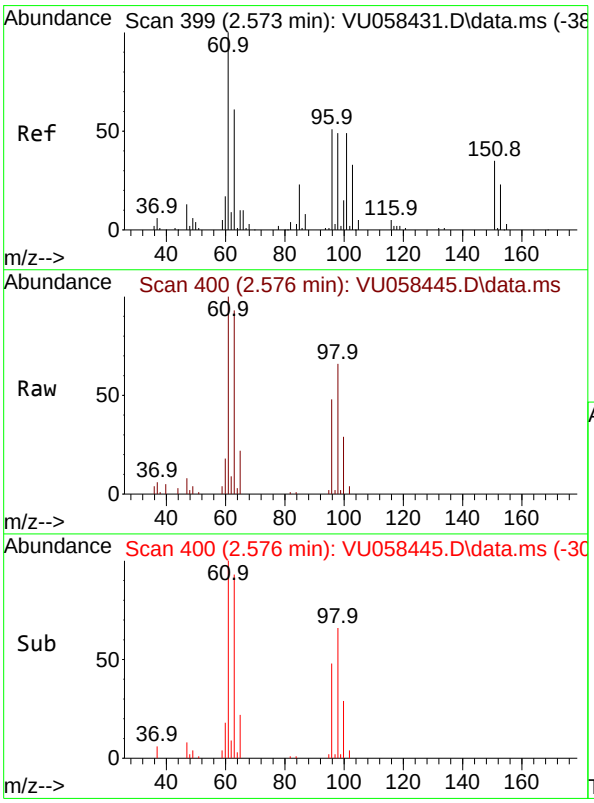
#8
Chloroethane
Concen: 2.166 ug/L
RT: 1.930 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Instrument :
MSVOA_U
ClientSampleId :
C0AK7

Tgt Ion: 64 Resp: 11320

Ion	Ratio	Lower	Upper
64	100		
66	35.6	22.5	41.9

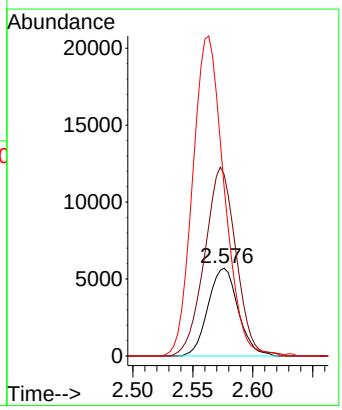


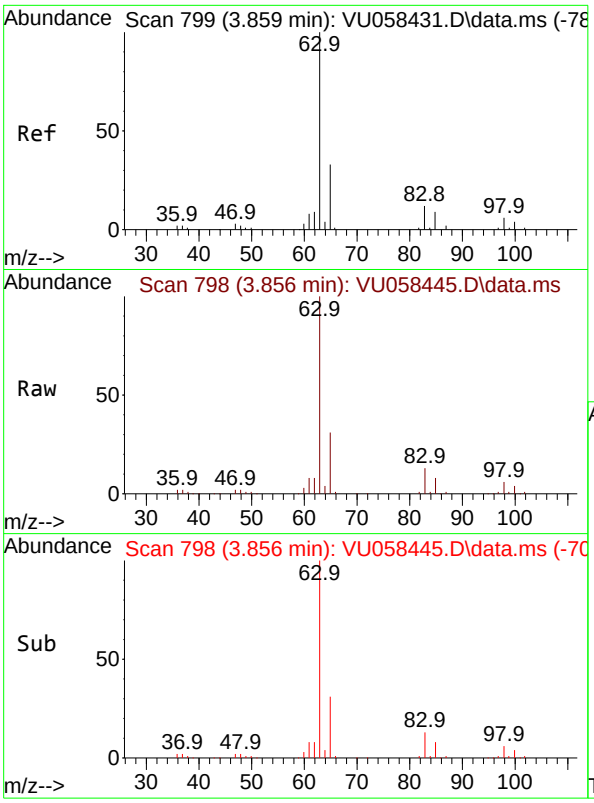


#12
1,1-Dichloroethene
Concen: 1.727 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Tgt Ion: 96 Resp: 9937

Ion	Ratio	Lower	Upper
96	100		
61	206.4	132.5	246.1
63	192.2	87.7	162.9#



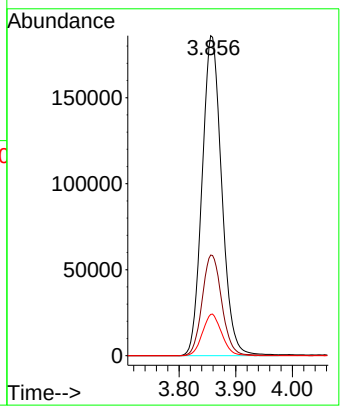


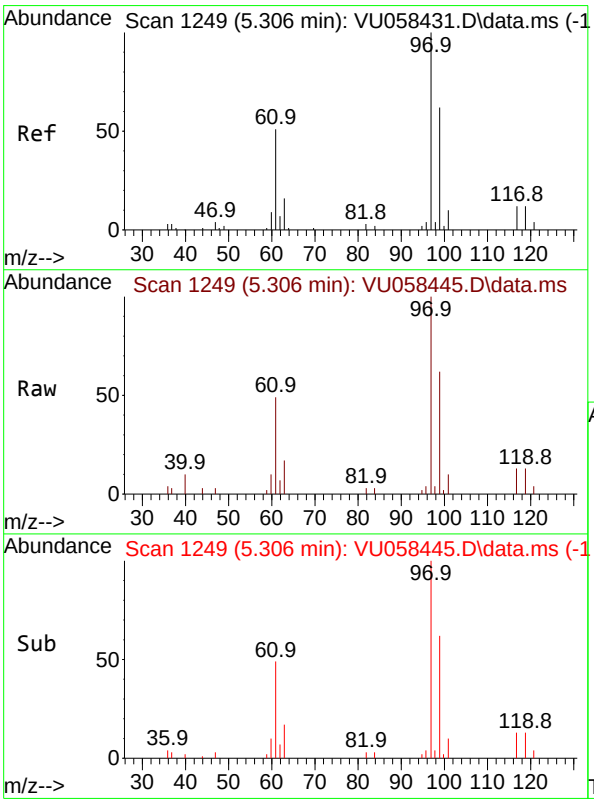
#19
1,1-Dichloroethane
Concen: 33.991 ug/L
RT: 3.856 min Scan# 7
Delta R.T. -0.003 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Instrument :
MSVOA_U
ClientSampleId :
C0AK7

Tgt Ion: 63 Resp: 447443

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.9	42.5
83	12.9	9.6	17.8





#29
1,1,1-Trichloroethane
Concen: 1.288 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058445.D
Acq: 06 Apr 2024 01:45

Tgt Ion: 97 Resp: 13793

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.4	75.6
61	50.4	39.4	59.0