Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
Data File : VU059495.D
Acq On : 26 Jun 2024 01:19
Operator : MD/SY
Sample : P3006-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
JMRG9

Quant Time: Jun 26 06:19:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 26 05:55:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.367	114	131971	5.000	ug/L	0.13
28) Chlorobenzene-d5	9.444	117	138636	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.817	152	60400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.689	65	28025	3.054	ug/L	0.10
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.000%			
7) Chloroethane-d5	2.042	69	35973	4.074	ug/L	0.14
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.400%			
11) 1,1-Dichloroethene-d2	2.705	65	13377	3.514	ug/L	0.15
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.200%			
20) 2-Butanone-d5	4.840	46	188481	99.712	ug/L	0.22
Spiked Amount 50.000	Range 40 - 130		Recovery = 199.420%#			
24) Chloroform-d	5.193	84	127703	6.780	ug/L	0.14
Spiked Amount 5.000	Range 70 - 125		Recovery = 135.600%#			
26) 1,2-Dichloroethane-d4	5.856	65	40145	4.425	ug/L	0.16
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
32) Benzene-d6	5.878	84	129188	3.386	ug/L	0.16
Spiked Amount 5.000	Range 70 - 125		Recovery = 67.800%#			
36) 1,2-Dichloropropane-d6	6.791	67	48651	4.161	ug/L	0.11
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.200%			
41) Toluene-d8	7.955	98	94850	2.674	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery = 53.400%#			
43) trans-1,3-Dichloroprop...	8.229	79	12447	3.400	ug/L	0.05
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.000%			
46) 2-Hexanone-d5	8.672	63	83246	54.725	ug/L	0.05
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.460%			
56) 1,1,2,2-Tetrachloroeth...	10.762	84	47376	4.904	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.000%			
66) 1,2-Dichlorobenzene-d4	12.193	152	52911	4.922	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
34) Trichloroethene	6.650	95	14351	1.259	ug/L	91
42) Toluene	8.026	91	37088	0.832	ug/L	100
47) Tetrachloroethene	8.595	164	20203	2.284	ug/L	96

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

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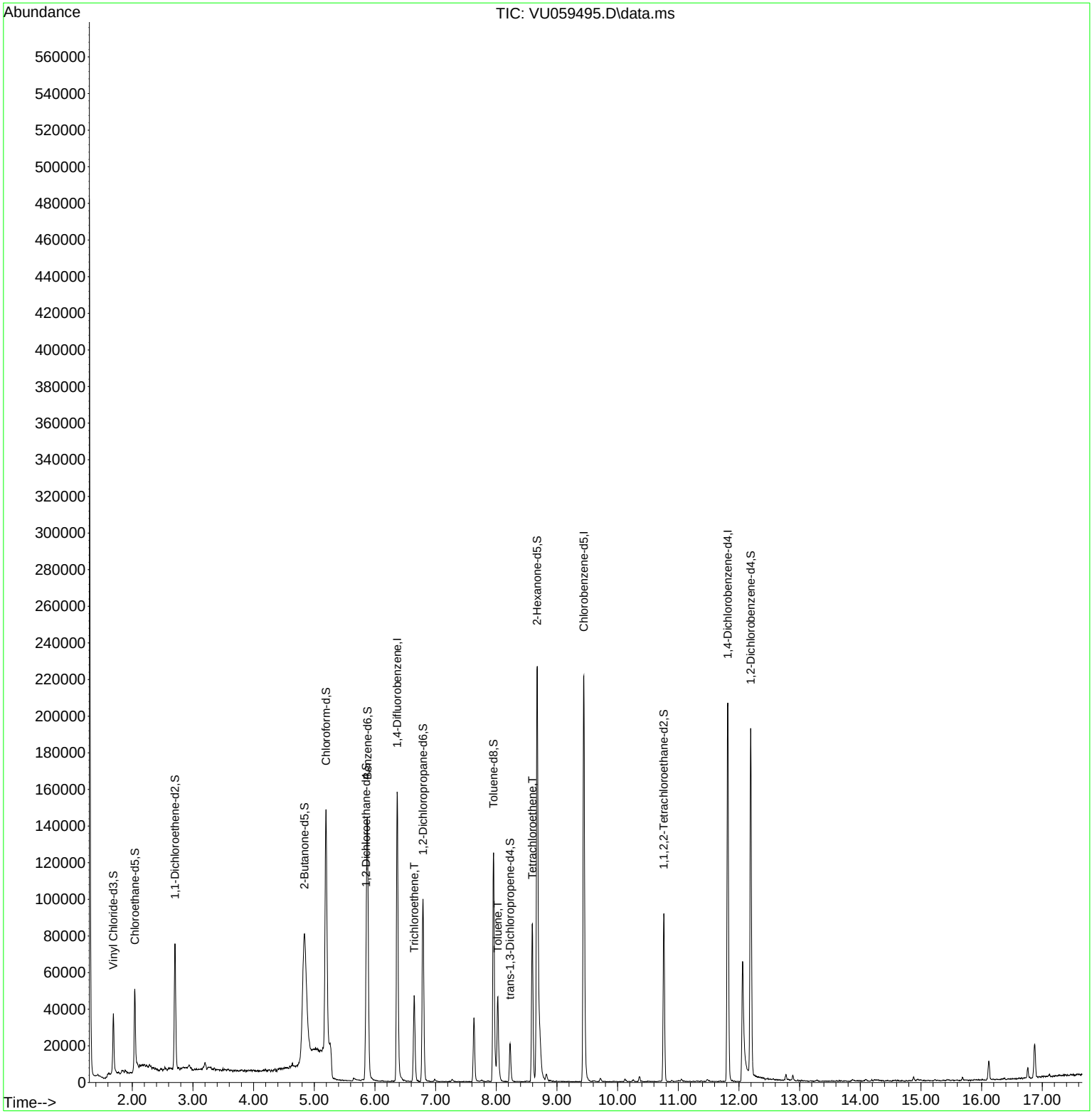
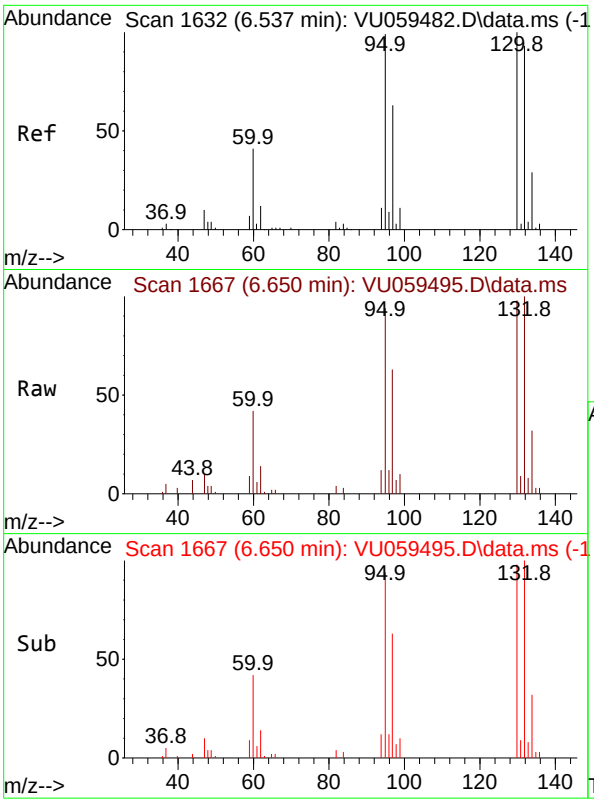


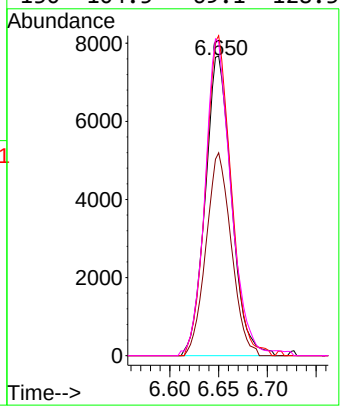


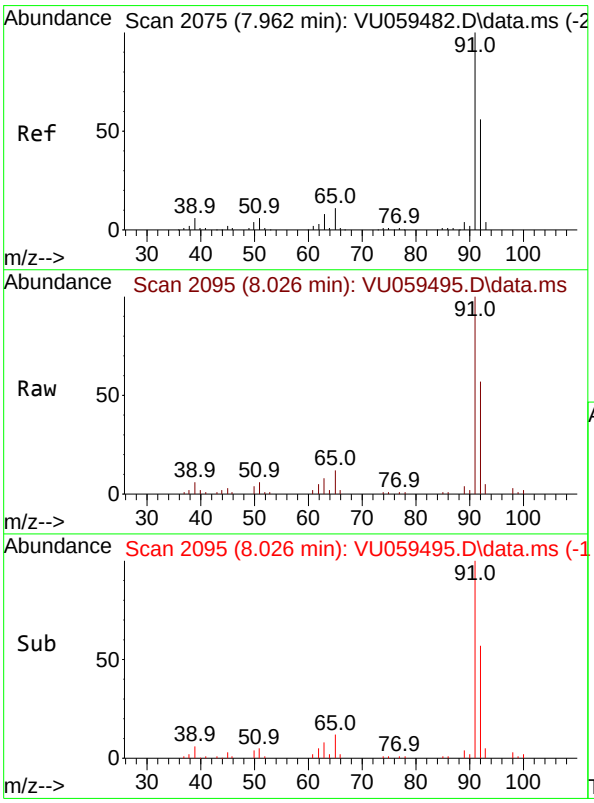
#34
Trichloroethene
Concen: 1.259 ug/L
RT: 6.650 min Scan# 1
Delta R.T. 0.113 min
Lab File: VU059495.D
Acq: 26 Jun 2024 01:19

Instrument :
MSVOA_U
ClientSampleId :
JMRG9

Tgt Ion: 95 Resp: 14351

Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.3	84.1
132	106.8	64.0	119.0
130	104.5	69.1	128.3

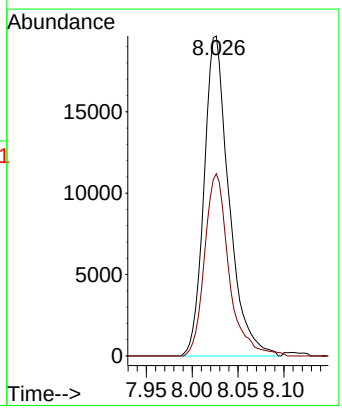


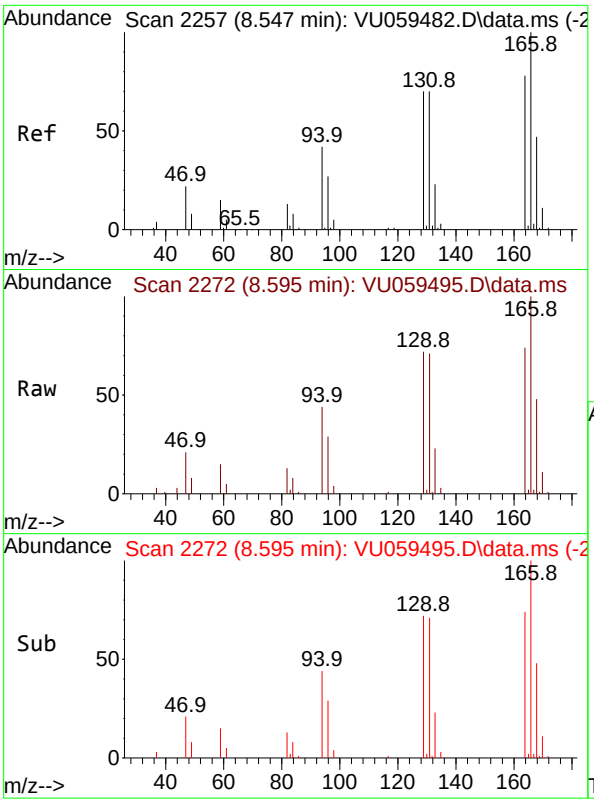


#42
Toluene
Concen: 0.832 ug/L
RT: 8.026 min Scan# 2095
Delta R.T. 0.064 min
Lab File: VU059495.D
Acq: 26 Jun 2024 01:19

Tgt Ion: 91 Resp: 37088

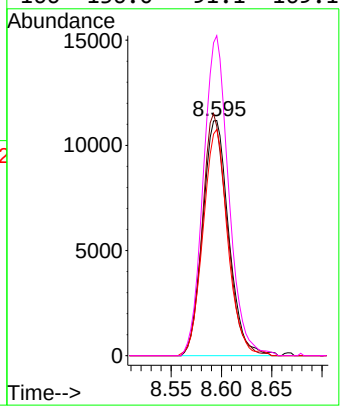
Ion	Ratio	Lower	Upper
91	100		
92	57.0	39.7	73.7





#47
Tetrachloroethene
Concen: 2.284 ug/L
RT: 8.595 min Scan# 2
Delta R.T. 0.048 min
Lab File: VU059495.D
Acq: 26 Jun 2024 01:19

Instrument :
MSVOA_U
ClientSampleId :
JMRG9

Tgt Ion:164 Resp: 20203

Ion	Ratio	Lower	Upper
164	100		
129	97.5	70.8	131.4
131	96.2	64.8	120.3
166	136.0	91.1	169.1