Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045170.D
Acq On : 06 Oct 2021 01:29
Operator : SY/MD
Sample : M3996-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A32

Quant Time: Oct 06 04:40:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

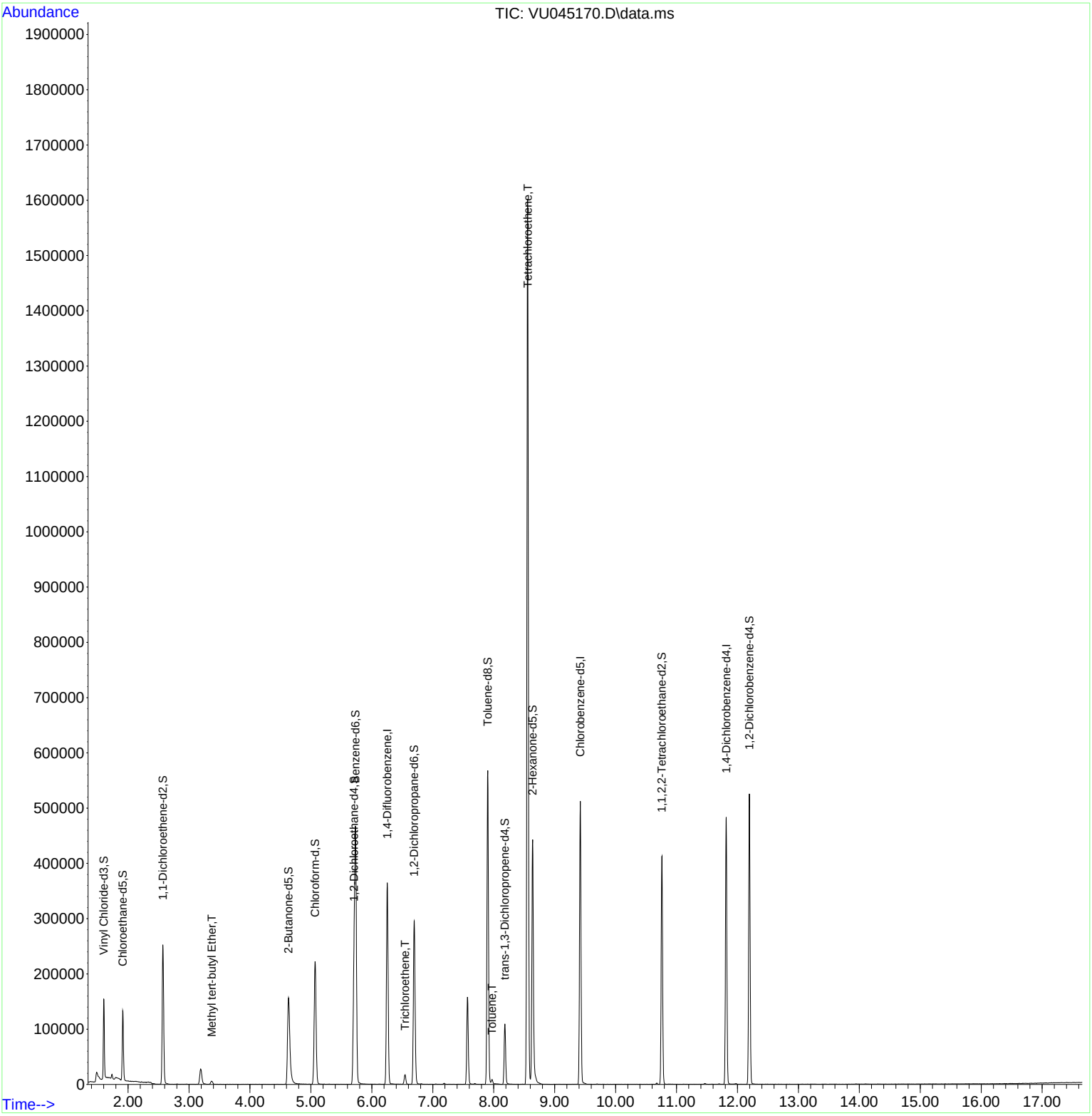
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282542	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	265511	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	120272	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102532	33.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.30%			
7) Chloroethane-d5	1.912	69	94114	38.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.80%			
11) 1,1-Dichloroethene-d2	2.572	63	151834	29.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.46%#			
21) 2-Butanone-d5	4.633	46	226105	92.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.47%			
24) Chloroform-d	5.070	84	202585	41.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.94%			
26) 1,2-Dichloroethane-d4	5.707	65	145355	43.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.86%			
32) Benzene-d6	5.732	84	416525	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.42%			
36) 1,2-Dichloropropane-d6	6.694	67	135854	45.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.44%			
41) Toluene-d8	7.903	98	361011	45.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.82%			
43) trans-1,3-Dichloroprop...	8.182	79	59097	44.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.44%			
47) 2-Hexanone-d5	8.639	63	155829	93.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.60%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205289	43.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.76%			
66) 1,2-Dichlorobenzene-d4	12.195	152	127467	48.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.372	73	6271	0.83	ug/L #	85
34) Trichloroethene	6.546	95	5216	2.21	ug/L	94
42) Toluene	7.973	91	5329	0.53	ug/L	96
46) Tetrachloroethene	8.559	164	332245	196.52	ug/L	99

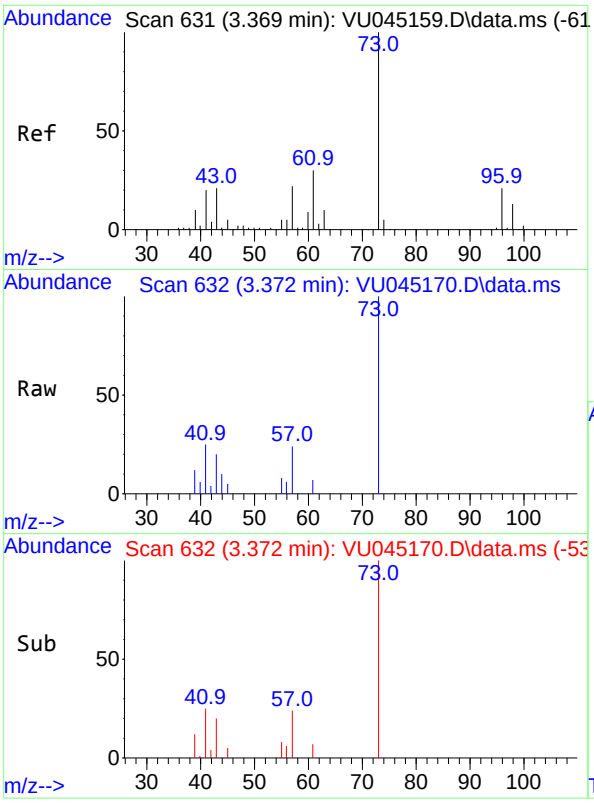
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045170.D
Acq On : 06 Oct 2021 01:29
Operator : SY/MD
Sample : M3996-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A32

Quant Time: Oct 06 04:40:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

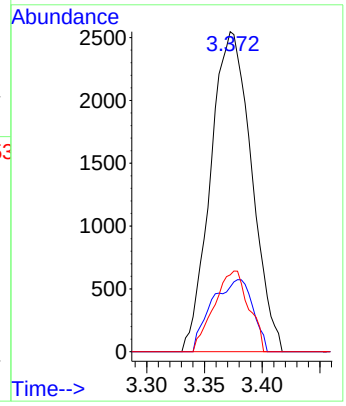




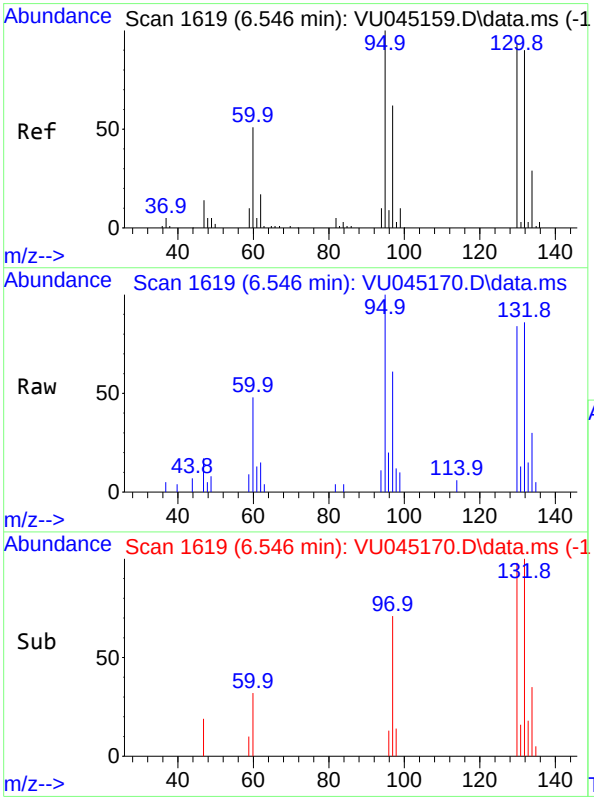
#18
Methyl tert-butyl Ether
Concen: 0.83 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 73 Resp: 6271

Ion	Ratio	Lower	Upper
73	100		
43	8.5	17.3	25.9#
57	21.4	18.7	28.1



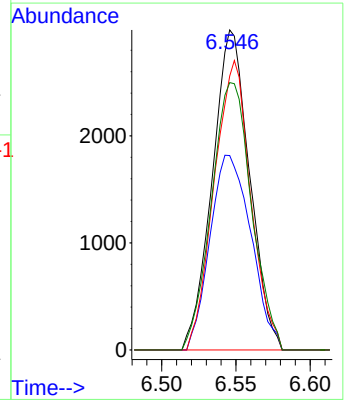
Instrument :
MSVOA_U
ClientSampleId :
F4A32

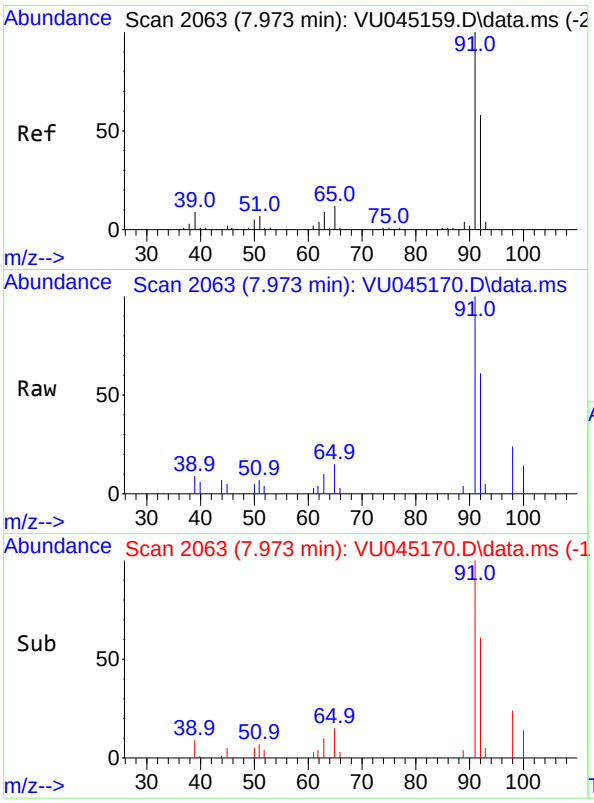


#34
Trichloroethene
Concen: 2.21 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 95 Resp: 5216

Ion	Ratio	Lower	Upper
95	100		
97	60.7	44.4	82.4
132	85.6	62.9	116.9
130	83.5	65.0	120.8

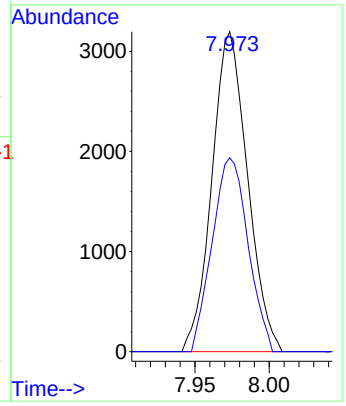




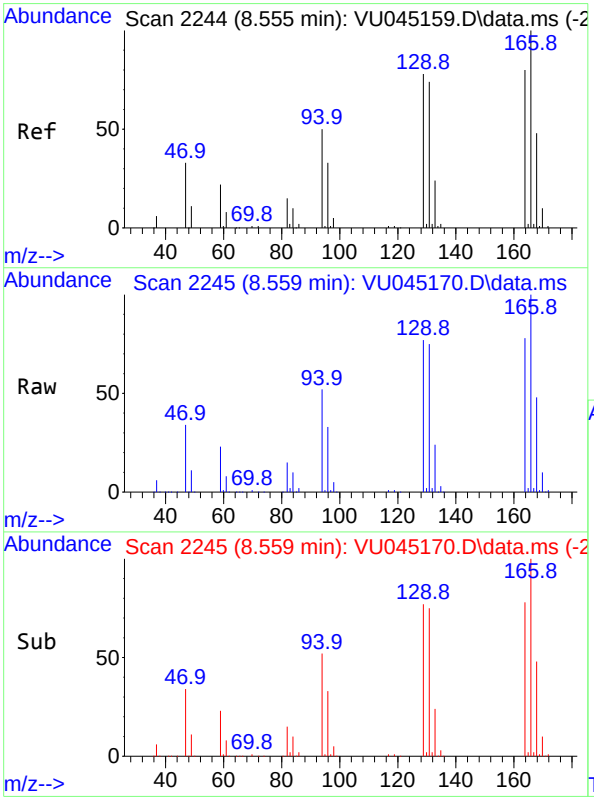
#42
Toluene
Concen: 0.53 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion: 91 Resp: 5329

Ion	Ratio	Lower	Upper
91	100		
92	60.6	40.5	75.1



Instrument :
MSVOA_U
ClientSampleId :
F4A32



#46
Tetrachloroethene
Concen: 196.52 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045170.D
Acq: 06 Oct 2021 01:29

Tgt Ion:164 Resp: 332245

Ion	Ratio	Lower	Upper
164	100		
129	99.1	69.8	129.6
131	96.1	66.4	123.2
166	128.5	91.1	169.3