Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042885.D
Acq On : 01 Apr 2021 19:14
Operator : SY/MD
Sample : M1847-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAR17

Quant Time: Apr 02 05:20:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82078	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	81072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	39951	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25525	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.919	69	24142	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.40%			
11) 1,1-Dichloroethene-d2	2.575	63	42335	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.642	46	106334	51.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.90%			
24) Chloroform-d	5.073	84	56582	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.713	65	36801	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.735	84	102839	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.700	67	35186	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.906	98	95031	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloroprop...	8.186	79	14185	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.645	63	79957	51.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.36%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29024	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	38752	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
13) Acetone	2.652	43	15382	12.43	ug/L	91
22) cis-1,2-Dichloroethene	4.681	96	1370	0.22	ug/L	91
34) Trichloroethene	6.552	95	168653	26.65	ug/L	98
47) Tetrachloroethene	8.559	164	16858	3.26	ug/L	97

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

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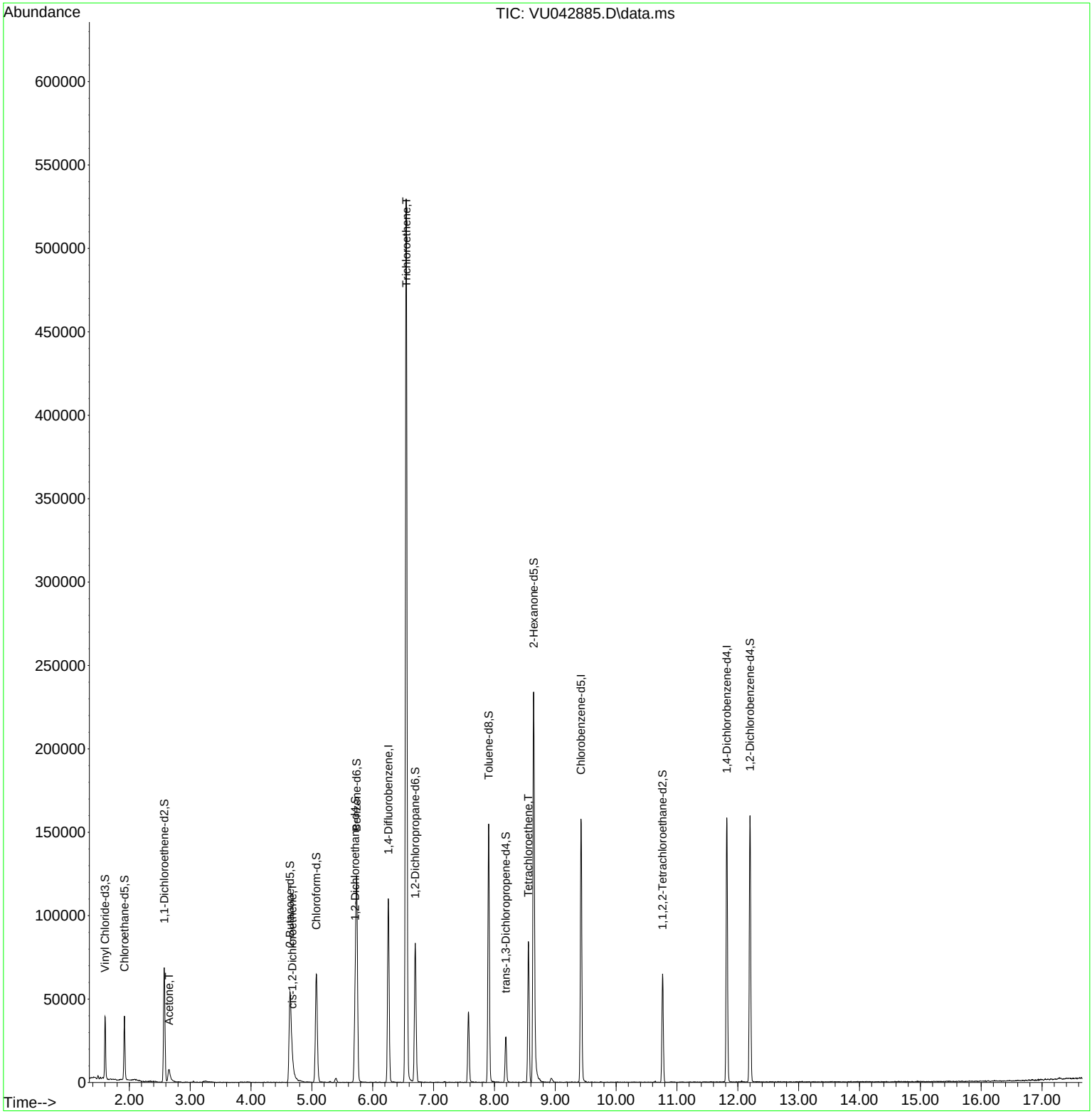
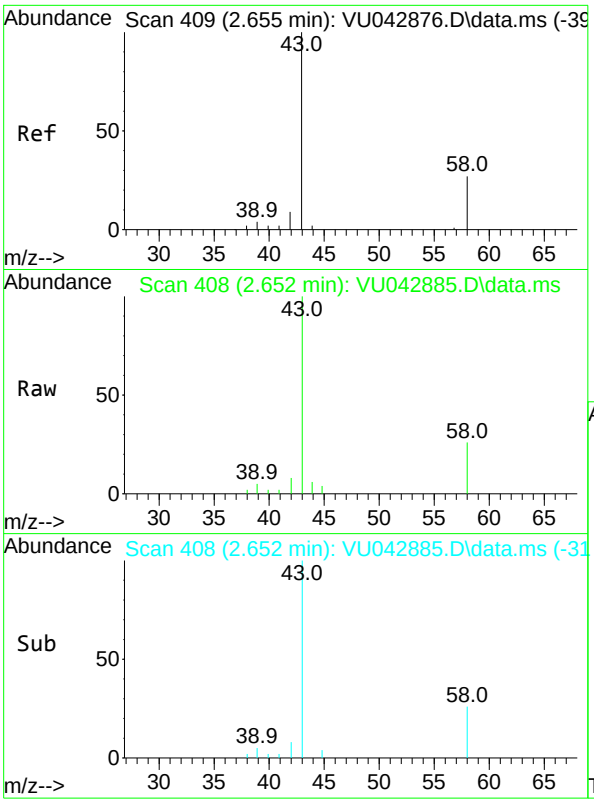
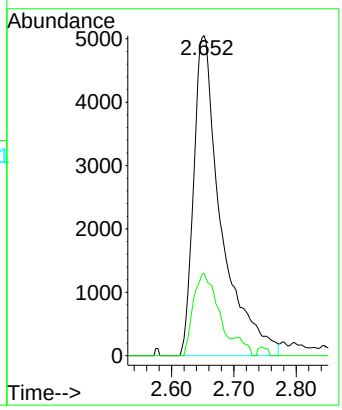




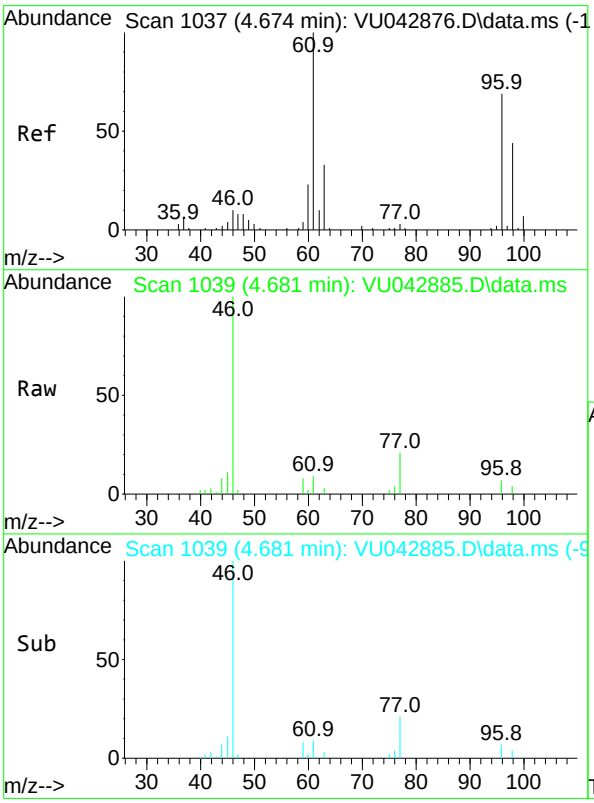
#13
Acetone
Concen: 12.43 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 43 Resp: 15382

Ion	Ratio	Lower	Upper
43	100		
58	23.1	0.0	55.8



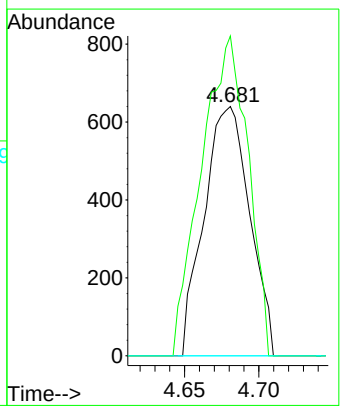
Instrument :
MSVOA_U
ClientSampleId :
YAR17



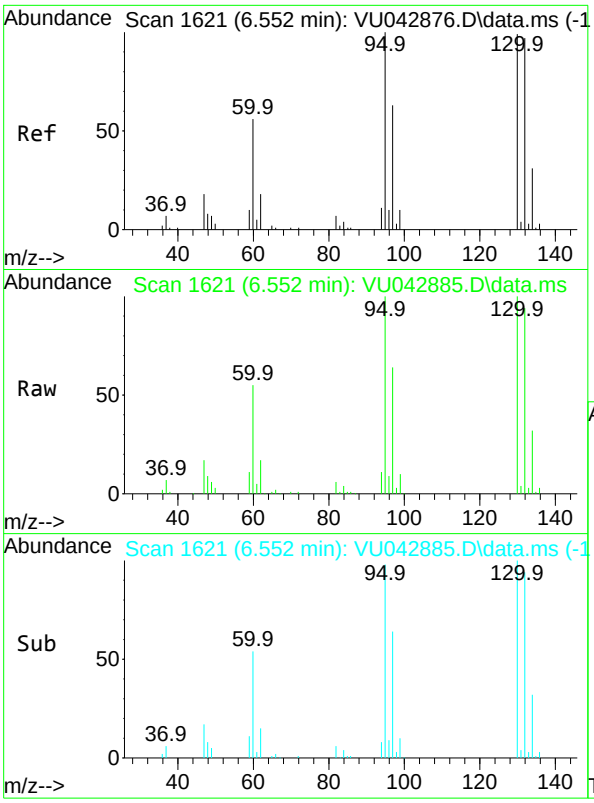
#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 96 Resp: 1370

Ion	Ratio	Lower	Upper
96	100		
61	128.3	97.8	181.6
68	0.0	0.0	0.0



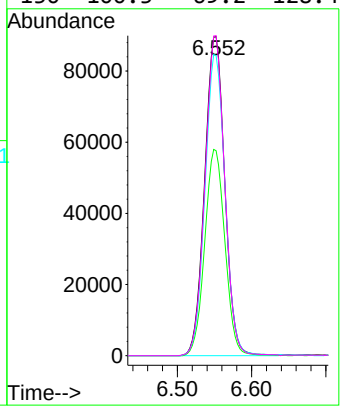
Instrument :
MSVOA_U
ClientSampleId :
YAR17

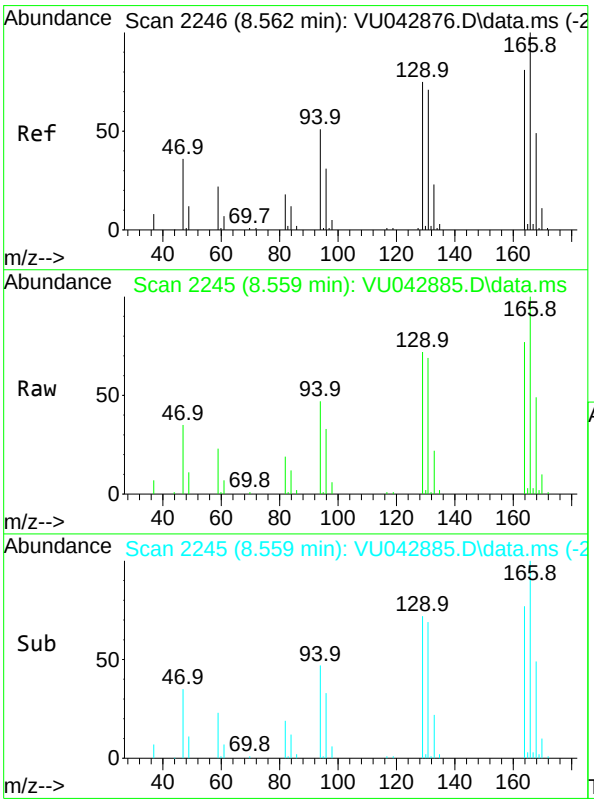


#34
Trichloroethene
Concen: 26.65 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 95 Resp: 168653

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	94.1	68.0	126.4
130	100.3	69.2	128.4





#47
Tetrachloroethene
Concen: 3.26 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion:164 Resp: 16858

Ion	Ratio	Lower	Upper
164	100		
129	94.7	64.3	119.5
131	89.6	62.2	115.6
166	130.6	88.6	164.6