Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
Data File : VU042166.D
Acq On : 22 Jan 2021 13:45
Operator : SY/MD
Sample : M1222-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F1E00

Quant Time: Jan 23 06:20:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 23 06:18:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	95300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49219	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27008	4.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.40%			
7) Chloroethane-d5	1.919	69	23537	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.20%			
11) 1,1-Dichloroethene-d2	2.571	63	41721	2.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.80%#			
20) 2-Butanone-d5	4.655	46	91508	38.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.60%			
24) Chloroform-d	5.073	84	63638	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.713	65	38973	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.735	84	118355	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.700	67	39158	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.906	98	106045	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloroprop...	8.189	79	17842	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.645	63	92015	51.94	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.88%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34026	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	44145	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.674	96	5472	0.70	ug/L	91
40) 4-Methyl-2-pentanone	7.800	43	3143	0.50	ug/L #	78
47) Tetrachloroethene	8.562	164	6017	0.96	ug/L	96
48) 2-Hexanone	8.697	43	3271	0.74	ug/L #	85

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

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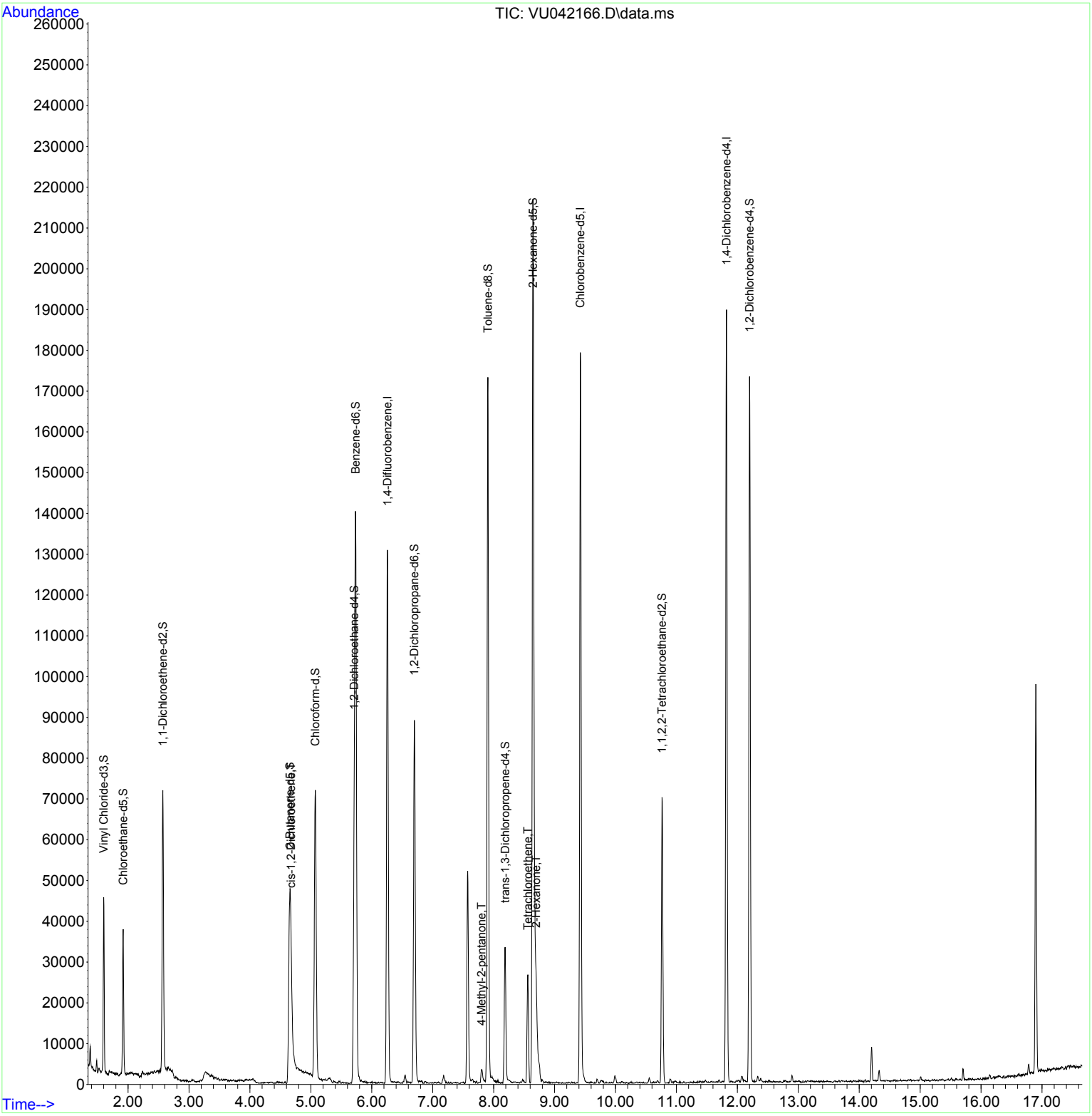
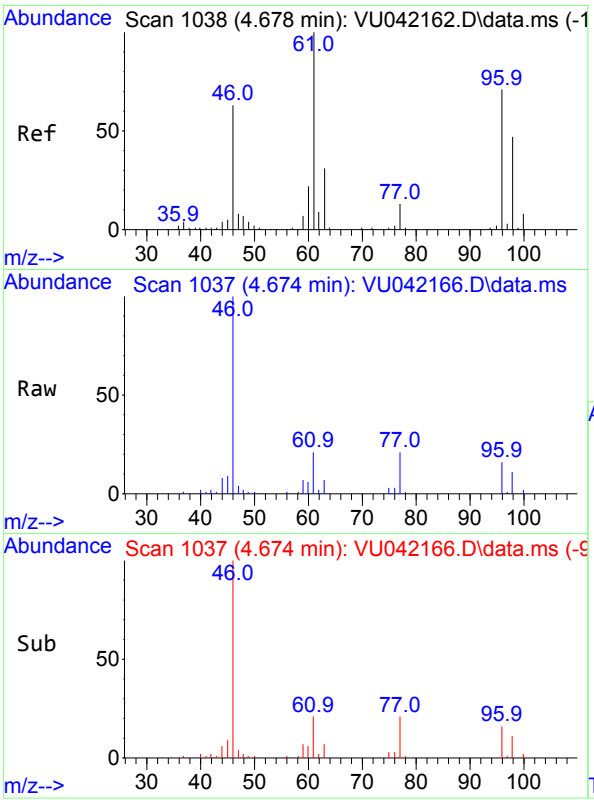
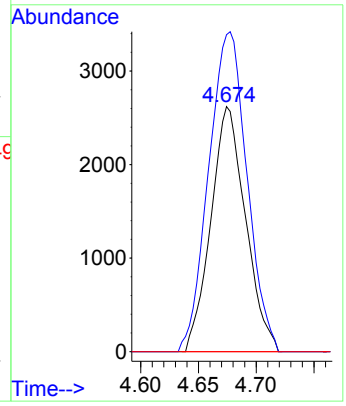




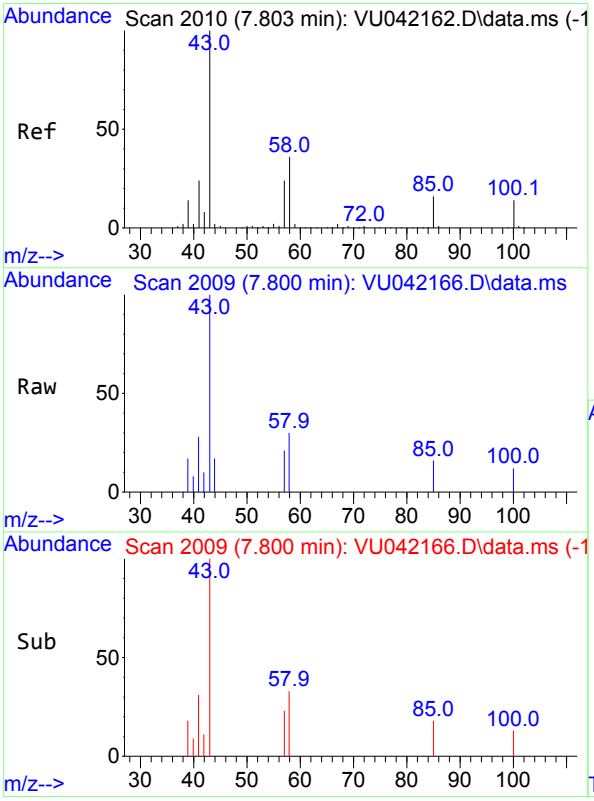
#22
cis-1,2-Dichloroethene
Concen: 0.70 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 96 Resp: 5472

Ion	Ratio	Lower	Upper
96	100		
61	129.3	97.8	181.6
68	0.0	0.0	0.0



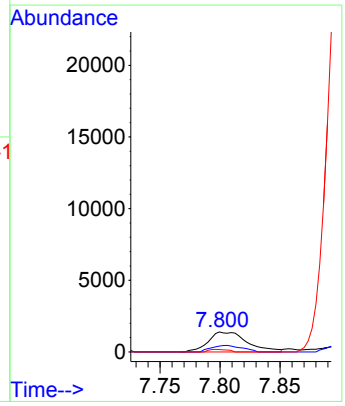
Instrument :
MSVOA_U
ClientSampleId :
F1E00



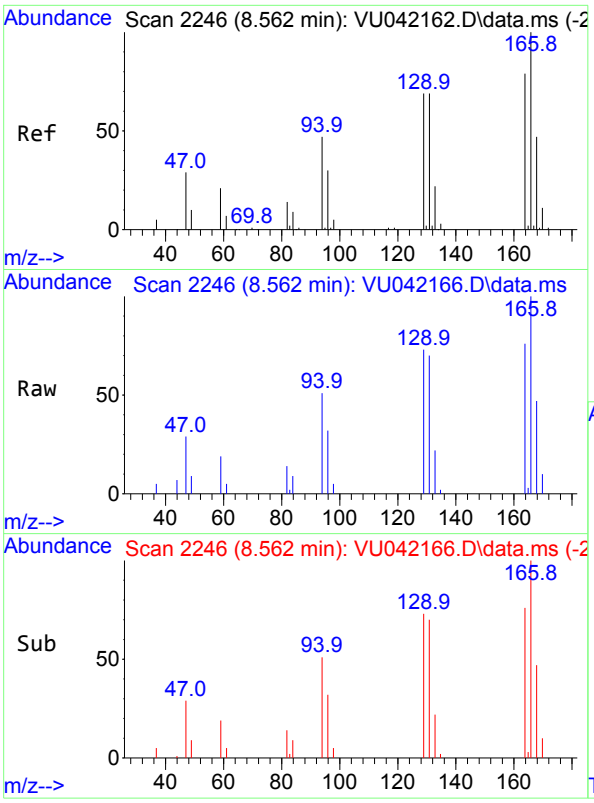
#40
4-Methyl-2-pentanone
Concen: 0.50 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 43 Resp: 3143

Ion	Ratio	Lower	Upper
43	100		
58	25.8	29.1	43.7#
100	0.0	11.0	16.4#



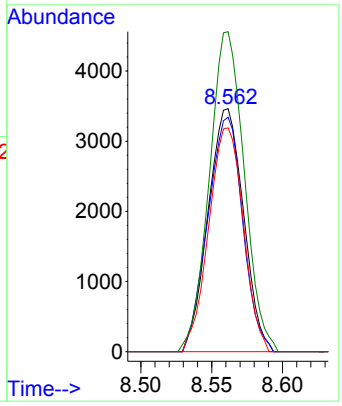
Instrument :
MSVOA_U
ClientSampleId :
F1E00

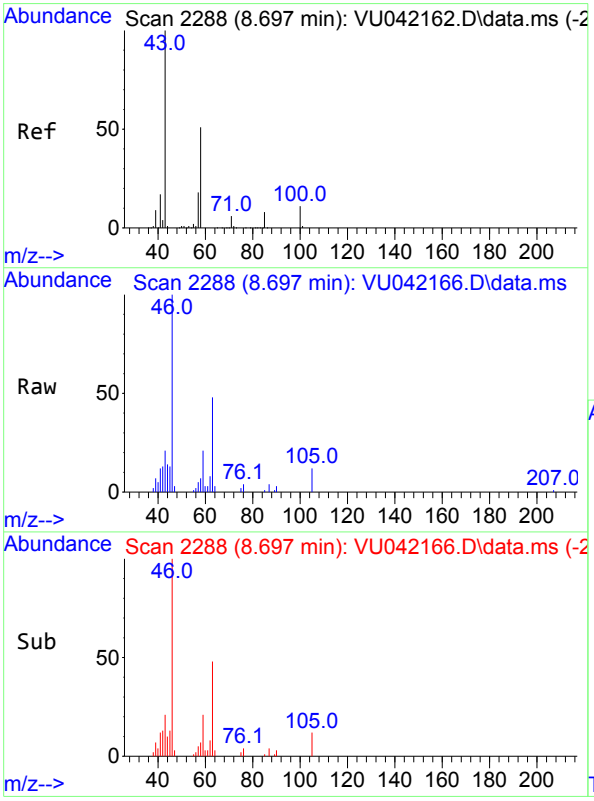


#47
Tetrachloroethene
Concen: 0.96 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion:164 Resp: 6017

Ion	Ratio	Lower	Upper
164	100		
129	96.5	64.3	119.5
131	92.1	62.2	115.6
166	131.7	88.6	164.6





#48
2-Hexanone
Concen: 0.74 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 43 Resp: 3271

Ion	Ratio	Lower	Upper
43	100		
58	38.6	40.6	61.0#
57	17.8	14.9	22.3
100	0.0	8.6	12.8#