Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033123\
Data File : VV030388.D
Acq On : 31 Mar 2023 16:40
Operator : SY/MD
Sample : 02099-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AA5DL

Quant Time: Apr 03 01:30:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129606	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	42868	4.994	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.800%			
7) Chloroethane-d5	1.539	69	41568	4.990	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.800%			
11) 1,1-Dichloroethene-d2	2.066	63	73722	3.619	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.400%			
20) 2-Butanone-d5	3.818	46	98942	44.595	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.200%			
24) Chloroform-d	4.259	84	97229	4.680	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
26) 1,2-Dichloroethane-d4	4.953	65	49821	5.083	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	4.969	84	176398	4.829	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	5.998	67	54199	4.739	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.252	98	151698	4.522	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	7.561	79	18764	4.357	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.033	63	74906	43.289	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.580%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37514	4.162	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.200%			
66) 1,2-Dichlorobenzene-d4	11.570	152	56978	5.082	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.600%			
Target Compounds						Qvalue
16) Methylene chloride	2.455	84	30046	2.346	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	186439	8.129	ug/L	99
42) Toluene	7.329	91	4674	0.095	ug/L	95
47) Tetrachloroethene	7.911	164	167399	15.274	ug/L	97

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

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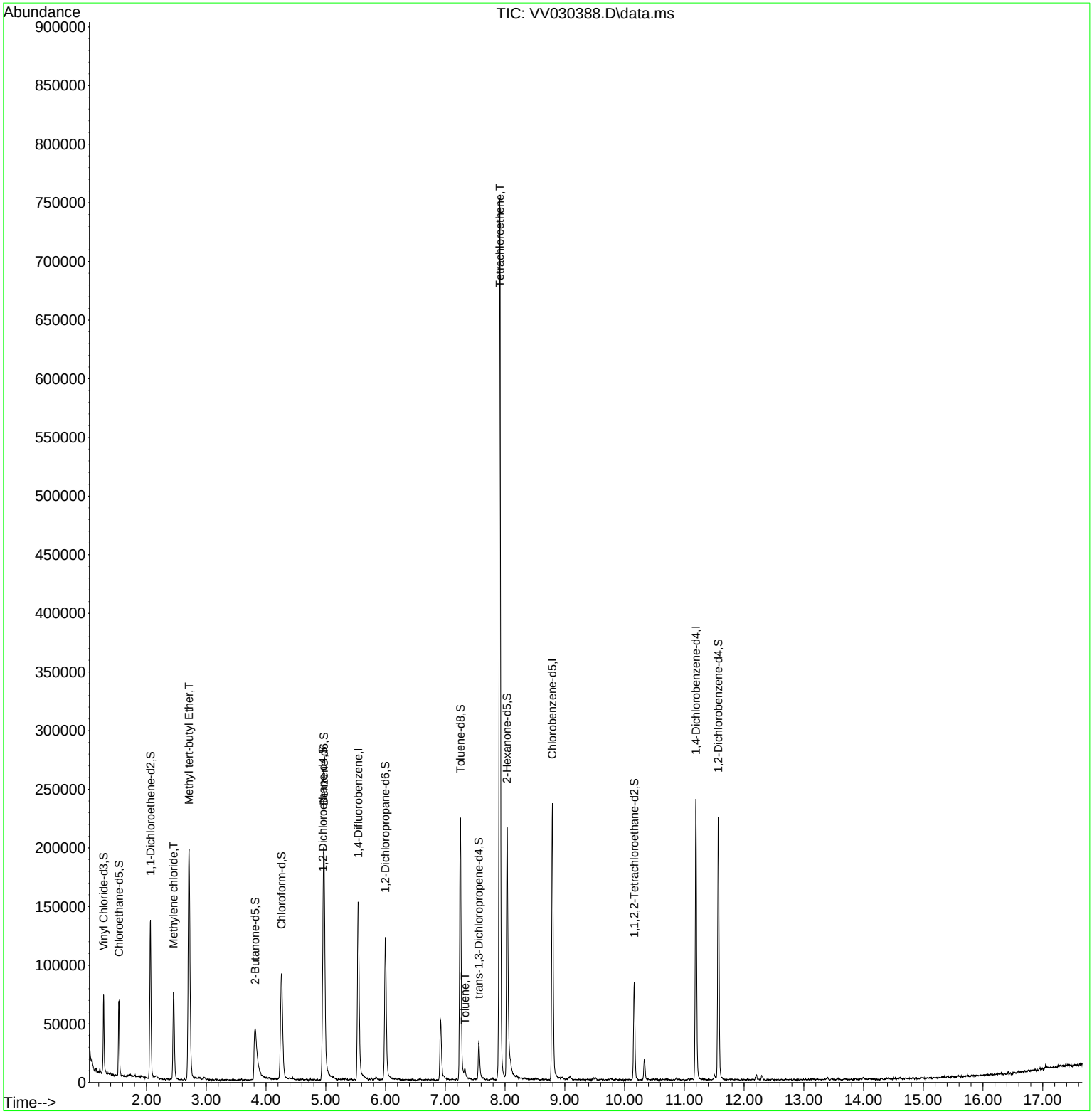
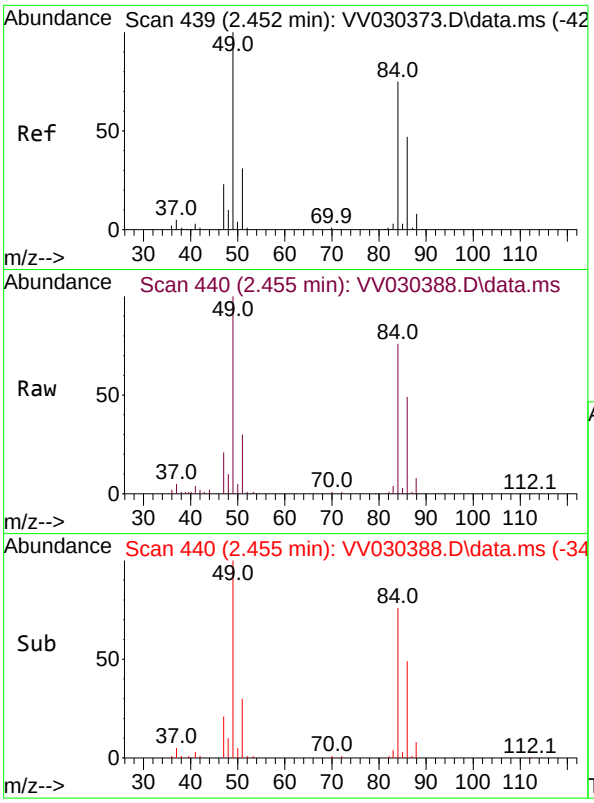


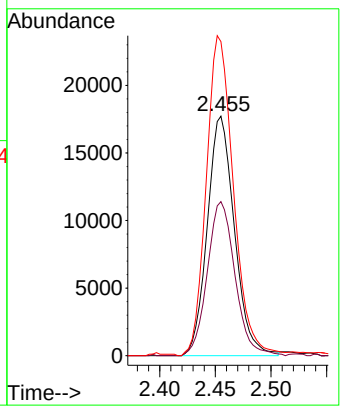


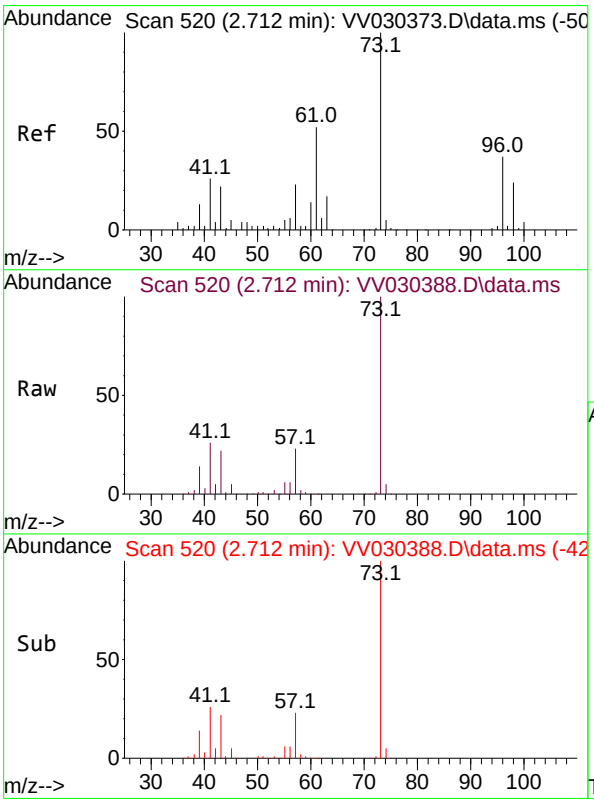
#16
Methylene chloride
Concen: 2.346 ug/L
RT: 2.455 min Scan# 44
Delta R.T. 0.003 min
Lab File: VV030388.D
Acq: 31 Mar 2023 16:40

Instrument :
MSVOA_V
ClientSampleId :
H0AA5DL

Tgt Ion: 84 Resp: 30046

Ion	Ratio	Lower	Upper
84	100		
86	64.3	44.0	81.6
49	131.2	90.6	168.3

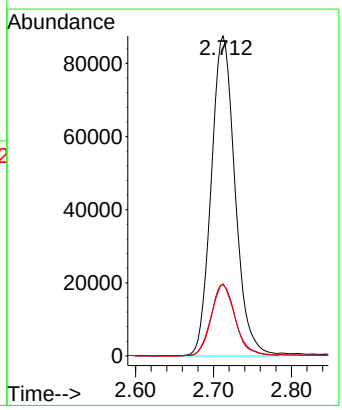


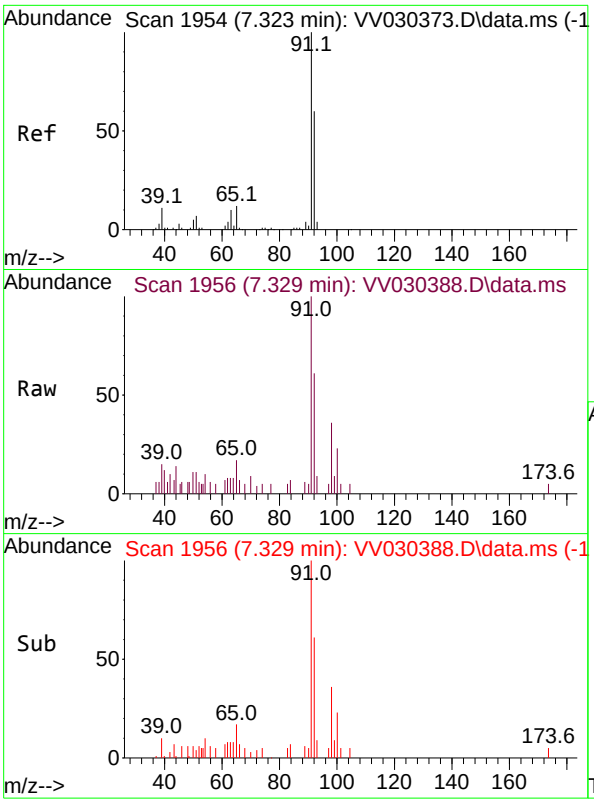


#17
Methyl tert-butyl Ether
Concen: 8.129 ug/L
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV030388.D
Acq: 31 Mar 2023 16:40

Tgt Ion: 73 Resp: 186439

Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.4	26.2
57	22.7	18.3	27.5



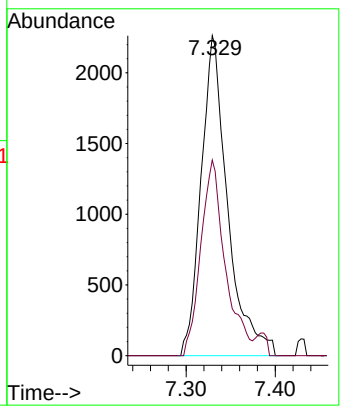


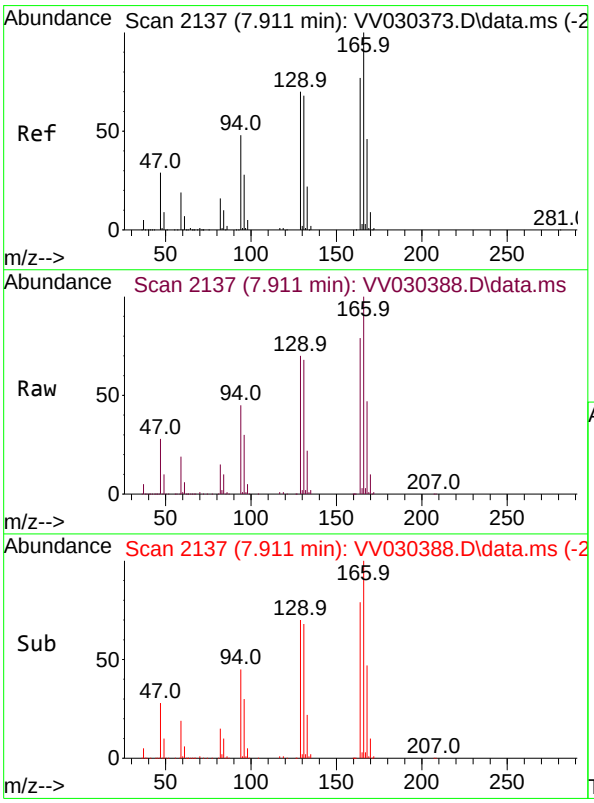
#42
Toluene
Concen: 0.095 ug/L
RT: 7.329 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV030388.D
Acq: 31 Mar 2023 16:40

Instrument :
MSVOA_V
ClientSampleId :
H0AA5DL

Tgt Ion: 91 Resp: 4674

Ion	Ratio	Lower	Upper
91	100		
92	61.2	40.4	75.0





#47
Tetrachloroethene
Concen: 15.274 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030388.D
Acq: 31 Mar 2023 16:40

Tgt Ion:164 Resp: 167399

Ion	Ratio	Lower	Upper
164	100		
129	89.4	60.8	112.8
131	86.1	61.7	114.7
166	127.3	85.6	159.0