Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050169.D
Acq On : 09 Aug 2022 06:01
Operator : SY/MD
Sample : N4075-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBUY0

Quant Time: Aug 09 07:01:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 03:59:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	20235	2.816	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 56.400%			
7) Chloroethane-d5	1.912	69	19625	3.385	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.600%			
11) 1,1-Dichloroethene-d2	2.565	65	8593	3.059	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.200%			
20) 2-Butanone-d5	4.645	46	75732	43.212	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.420%			
24) Chloroform-d	5.063	84	52241	3.908	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.200%			
26) 1,2-Dichloroethane-d4	5.703	65	28110	4.096	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
32) Benzene-d6	5.729	84	93489	3.442	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.800%#			
36) 1,2-Dichloropropane-d6	6.694	67	35172	3.933	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.600%			
41) Toluene-d8	7.899	98	73193	3.051	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 61.000%#			
43) trans-1,3-Dichloroprop...	8.182	79	10060	3.139	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.800%			
46) 2-Hexanone-d5	8.639	63	58326	51.319	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.640%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33842	4.309	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	28277	4.098	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.000%			
Target Compounds						Qvalue
14) Carbon disulfide	2.793	76	3770	0.177	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	359205	23.056	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	837	0.125	ug/L #	80
22) cis-1,2-Dichloroethene	4.668	96	1904	0.257	ug/L	97

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

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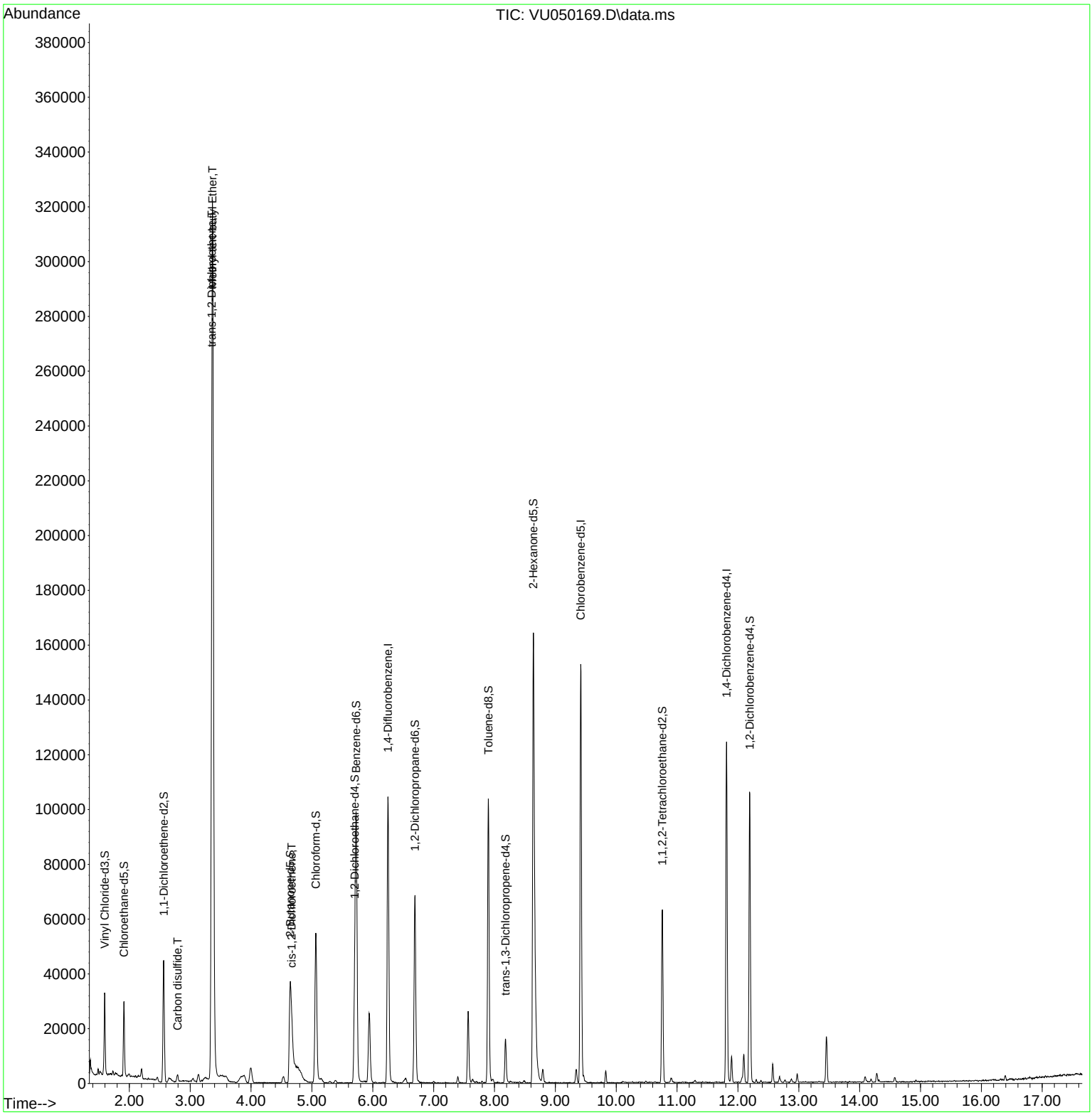
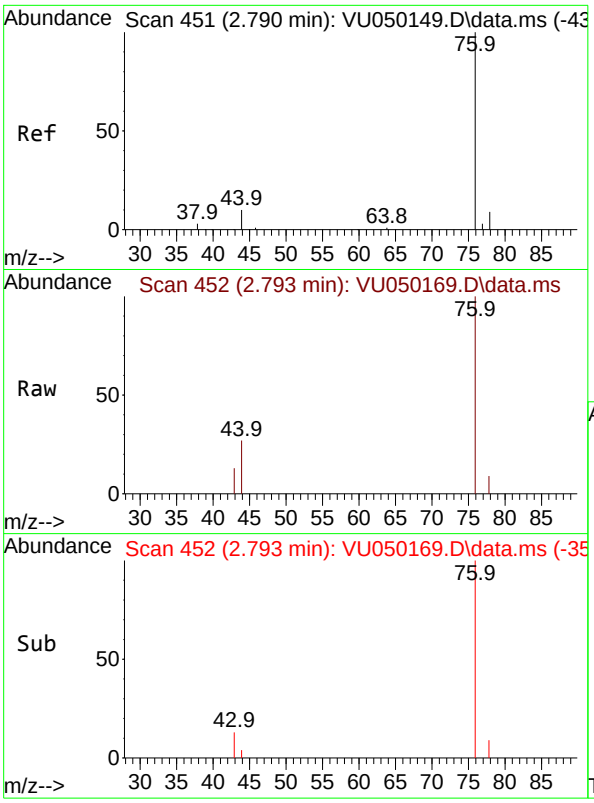


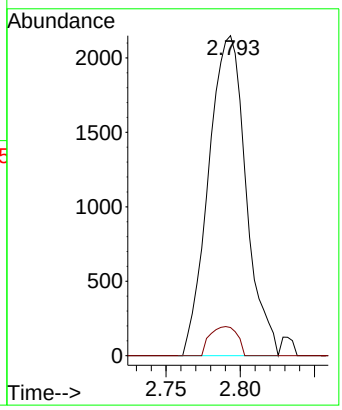


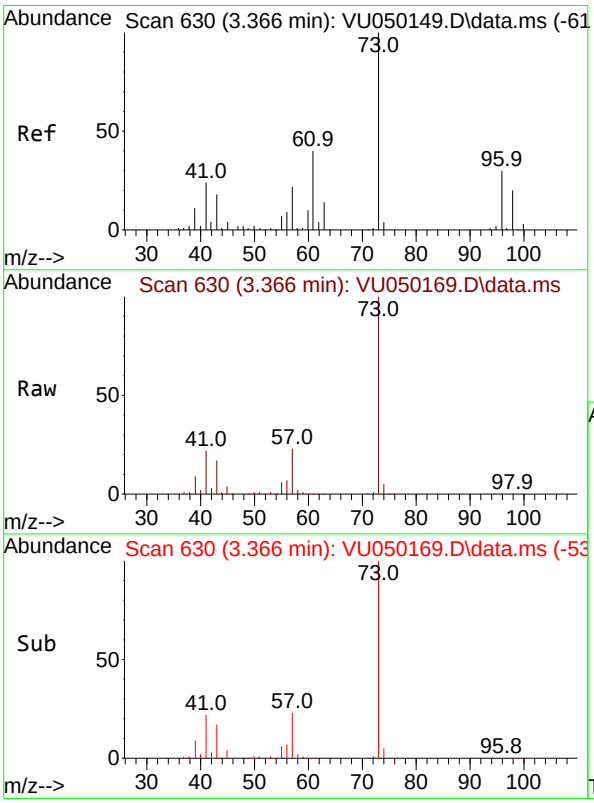
#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.793 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

Instrument :
MSVOA_U
ClientSampleId :
DBUY0

Tgt Ion: 76 Resp: 3770

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

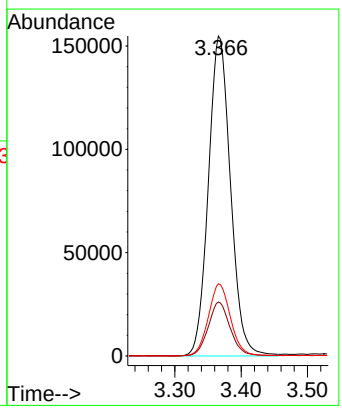


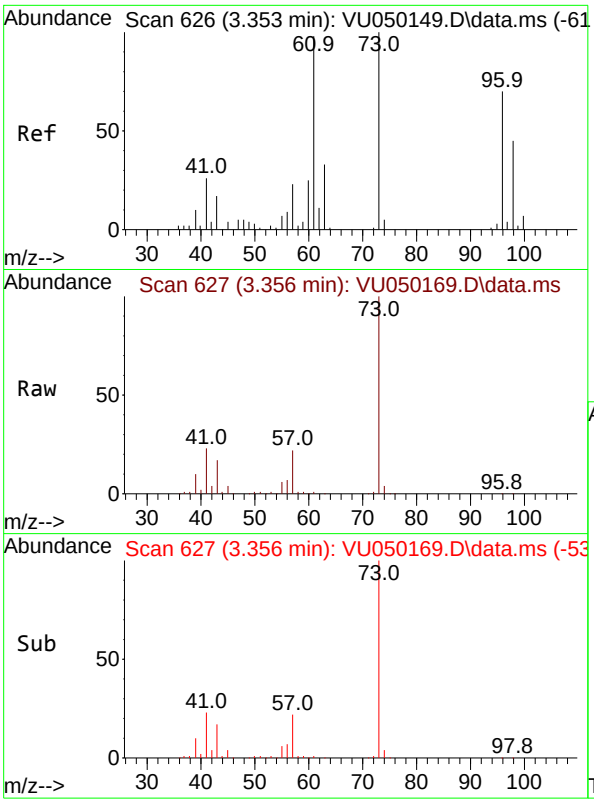


#17
Methyl tert-butyl Ether
Concen: 23.056 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

Tgt Ion: 73 Resp: 359205

Ion	Ratio	Lower	Upper
73	100		
43	16.8	13.5	20.3
57	22.7	17.4	26.2



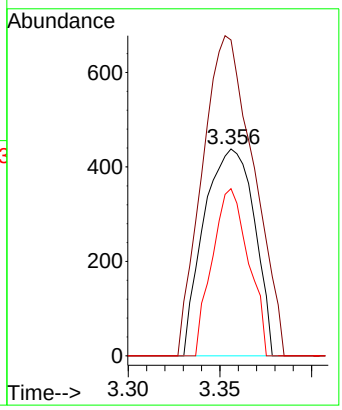


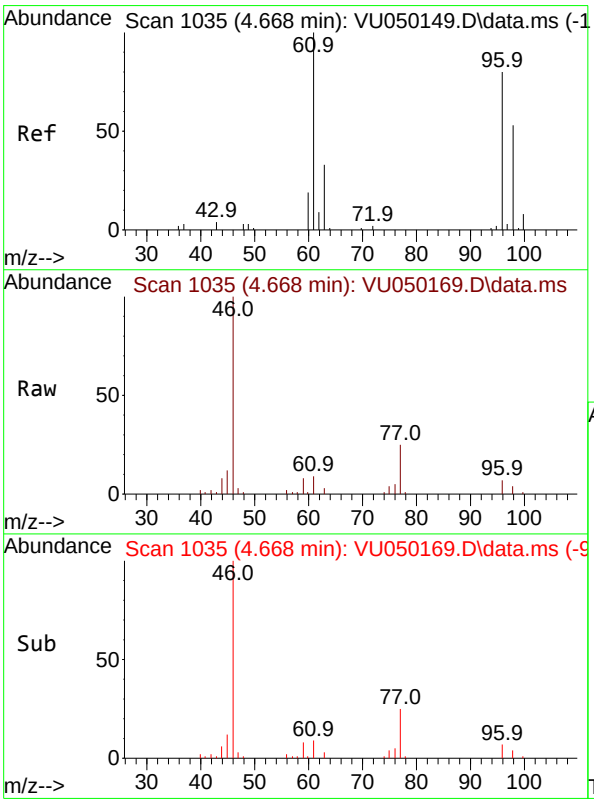
#18
trans-1,2-Dichloroethene
Concen: 0.125 ug/L
RT: 3.356 min Scan# 6
Delta R.T. 0.003 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

Instrument :
MSVOA_U
ClientSampleId :
DBUY0

Tgt Ion: 96 Resp: 837

Ion	Ratio	Lower	Upper
96	100		
61	152.7	92.3	171.5
98	80.8	43.2	80.2#





#22
cis-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050169.D
Acq: 09 Aug 2022 06:01

Tgt Ion: 96 Resp: 1904

Ion	Ratio	Lower	Upper
96	100		
61	123.5	89.0	165.4
98	63.0	45.2	84.0