Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062791.D
Acq On : 16 Jan 2025 02:03
Operator : MD/SY
Sample : Q1071-19
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ83

Quant Time: Jan 16 04:43:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95121	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	87547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	15167	2.879	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 57.600%			
7) Chloroethane-d5	1.904	69	16048	3.787	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	2.557	65	9419	3.451	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.000%			
20) 2-Butanone-d5	4.605	46	64820	60.202	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.400%			
24) Chloroform-d	5.049	84	60396	4.660	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.689	65	36047	5.127	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
32) Benzene-d6	5.714	84	96325	4.501	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.000%			
36) 1,2-Dichloropropane-d6	6.679	67	28795	4.853	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.000%			
41) Toluene-d8	7.888	98	88690	4.254	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.171	79	13818	4.672	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.621	63	51416	55.273	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.540%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27483	5.531	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	35318	5.272	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.400%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	11154	1.889	ug/L #	70
17) Methyl tert-butyl Ether	3.351	73	15090	0.930	ug/L	98
19) 1,1-Dichloroethane	3.853	63	43727	3.866	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	37101	5.385	ug/L	96

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

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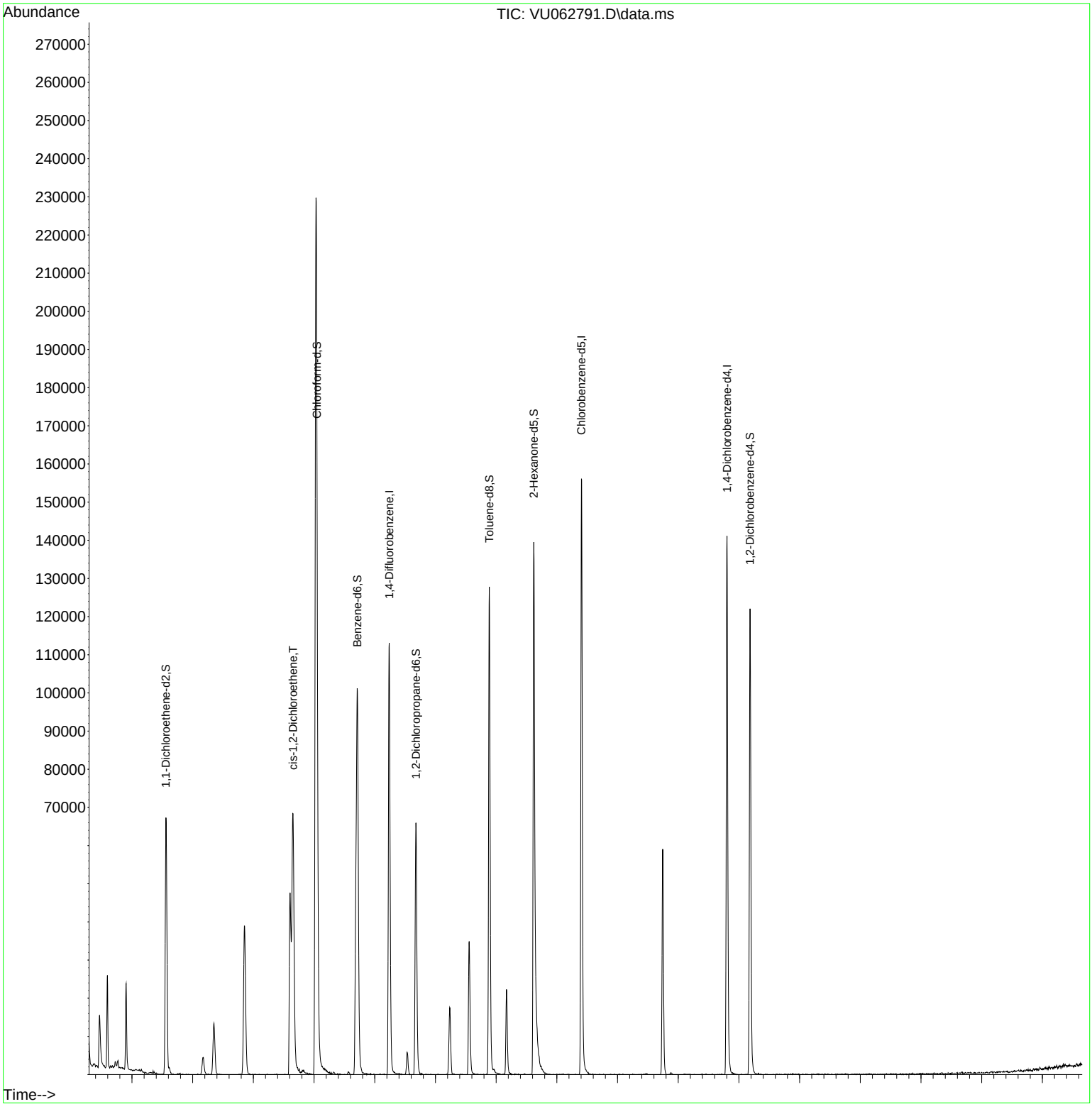
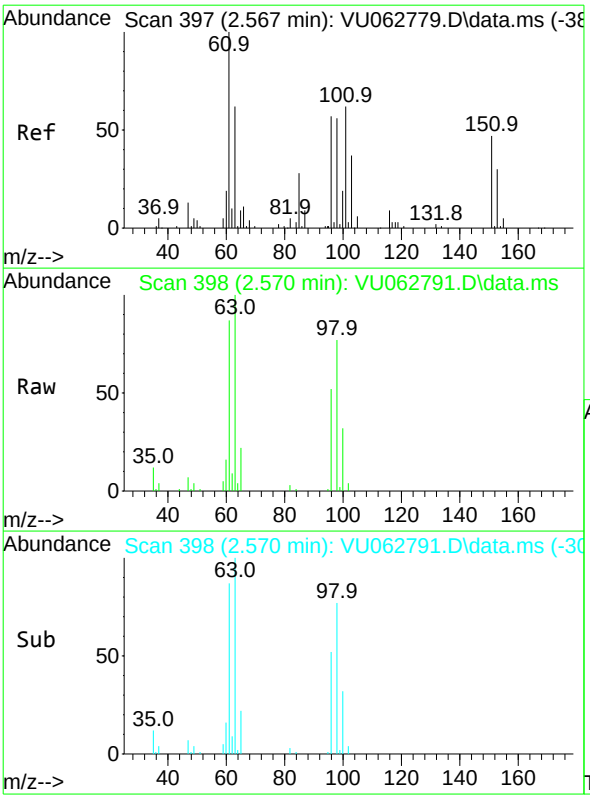


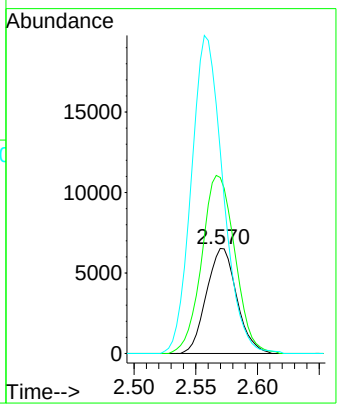


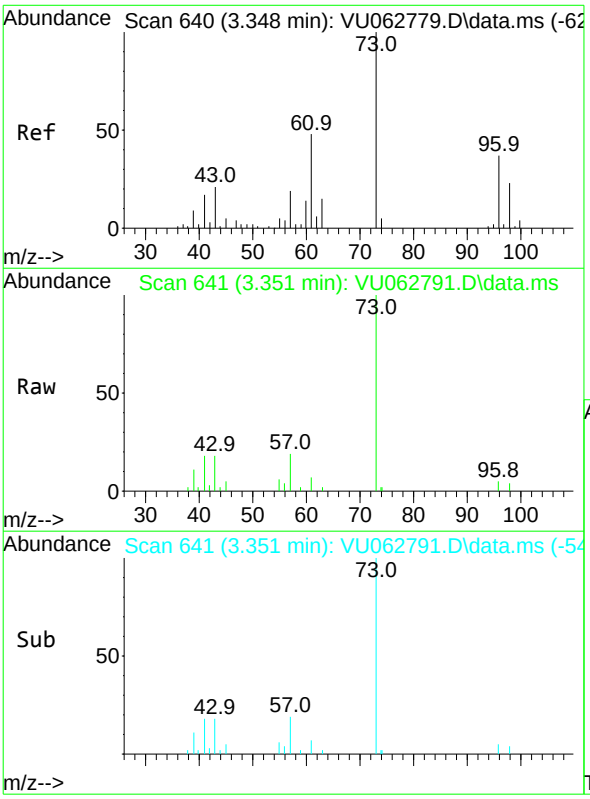
#12
1,1-Dichloroethene
Concen: 1.889 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.003 min
Lab File: VU062791.D
Acq: 16 Jan 2025 02:03

Instrument :
MSVOA_U
ClientSampleId :
GCQ83

Tgt Ion: 96 Resp: 11154

Ion	Ratio	Lower	Upper
96	100		
61	167.6	120.4	223.6
63	193.5	82.3	152.9#

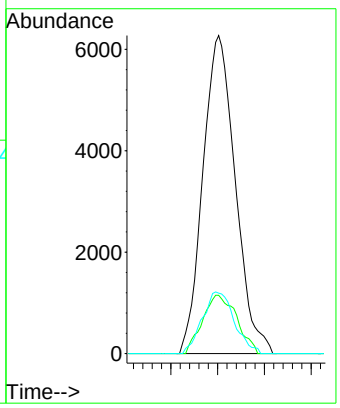


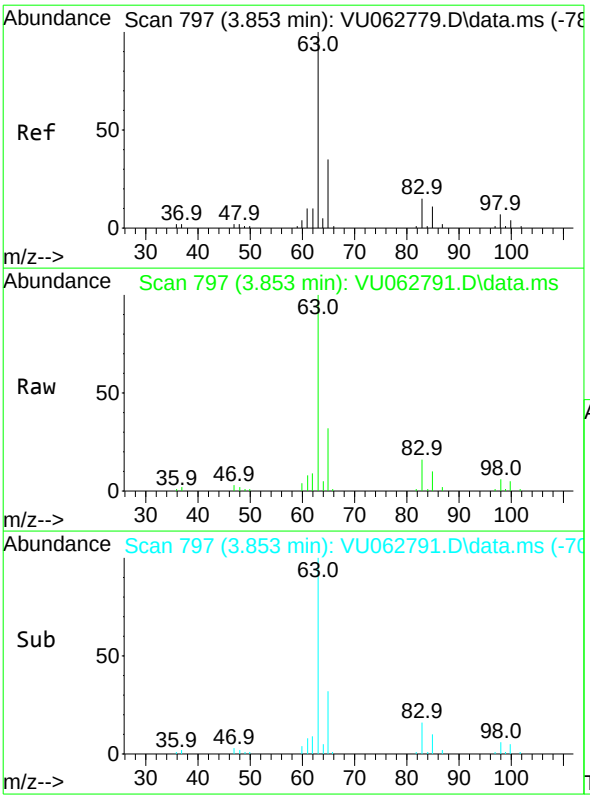


#17
Methyl tert-butyl Ether
Concen: 0.930 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062791.D
Acq: 16 Jan 2025 02:03

Tgt Ion: 73 Resp: 15090

Ion	Ratio	Lower	Upper
73	100		
43	19.4	16.2	24.4
57	19.1	14.6	22.0



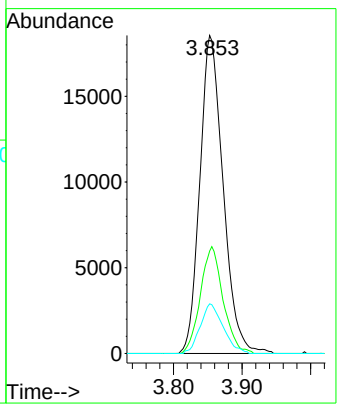


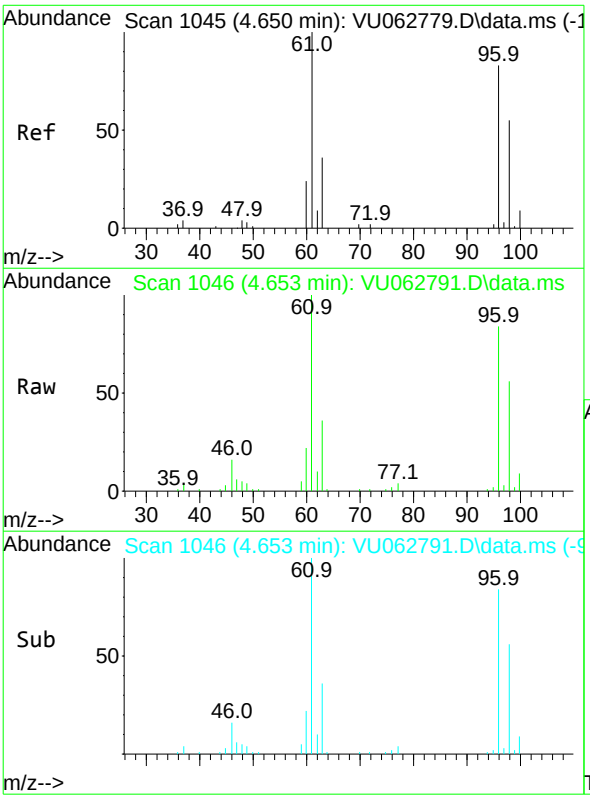
#19
1,1-Dichloroethane
Concen: 3.866 ug/L
RT: 3.853 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU062791.D
Acq: 16 Jan 2025 02:03

Instrument :
MSVOA_U
ClientSampleId :
GCQ83

Tgt Ion: 63 Resp: 43727

Ion	Ratio	Lower	Upper
63	100		
65	32.7	20.7	38.5
83	15.6	10.5	19.5





#22
cis-1,2-Dichloroethene
Concen: 5.385 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU062791.D
Acq: 16 Jan 2025 02:03

Tgt Ion: 96 Resp: 37101

Ion	Ratio	Lower	Upper
96	100		
61	119.0	84.8	157.6
98	66.8	43.1	80.1