Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
Data File : VU055974.D
Acq On : 28 Oct 2023 15:16
Operator : MD/SY
Sample : O5114-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B58

Manual Integrations
APPROVED
Reviewed By :John Carlone 10/30/2023
Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Oct 30 04:54:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 30 04:51:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	345358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	344287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	160856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	119817	4.386	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.800%			
7) Chloroethane-d5	1.914	69	106920	5.021	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.567	65	54829	4.727	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.600%			
20) 2-Butanone-d5	4.624	46	265736	54.524	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.040%			
24) Chloroform-d	5.062	84	286634	5.662	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.200%			
26) 1,2-Dichloroethane-d4	5.698	65	123853	5.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
32) Benzene-d6	5.724	84	529616	5.164	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.200%			
36) 1,2-Dichloropropane-d6	6.689	67	162582	5.348	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.000%			
41) Toluene-d8	7.894	98	462958	4.976	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.600%			
43) trans-1,3-Dichloroprop...	8.177	79	56173	4.724	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.400%			
46) 2-Hexanone-d5	8.631	63	211614	70.108	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 140.220%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	116918	5.281	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.600%			
66) 1,2-Dichlorobenzene-d4	12.190	152	166174	5.537	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.800%			
Target Compounds						Qvalue
13) Acetone	2.641	43	14048	5.058	ug/L	98
21) 2-Butanone	4.721	43	11927m	2.921	ug/L	
25) Chloroform	5.084	83	663566	18.365	ug/L	99
38) Bromodichloromethane	7.103	83	113786	4.493	ug/L	99
49) Dibromochloromethane	8.808	129	18839	1.210	ug/L	100

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

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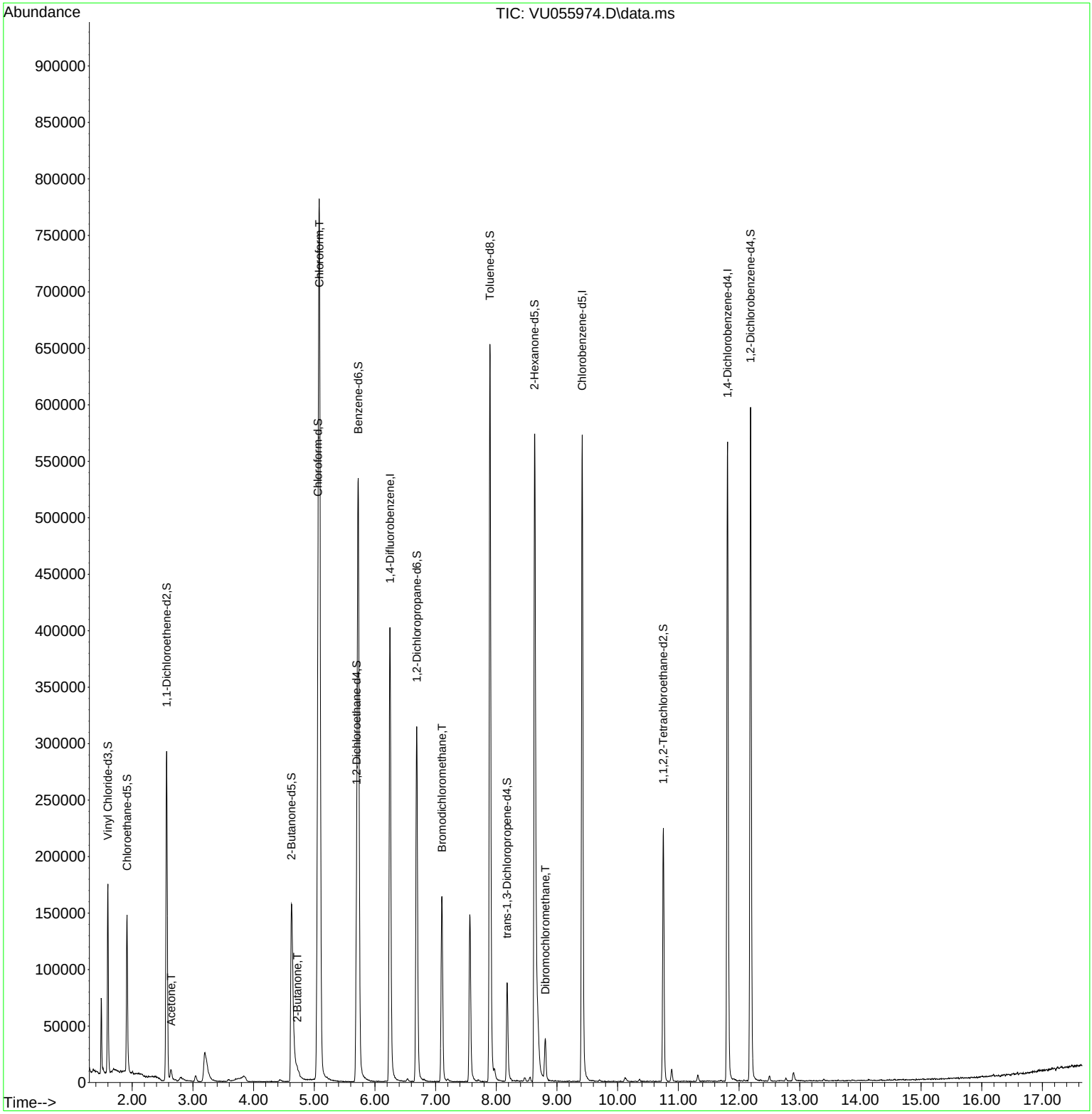

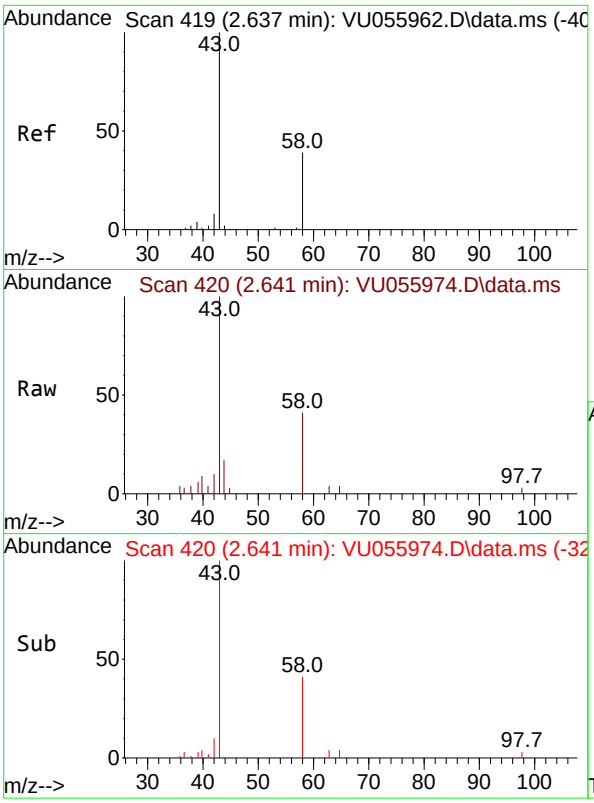

#13
Acetone
Concen: 5.058 ug/L
RT: 2.641 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

Tgt Ion: 43 Resp: 1404

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	69.0

Instrument :
MSVOA_U
ClientSampleId :
C0B58

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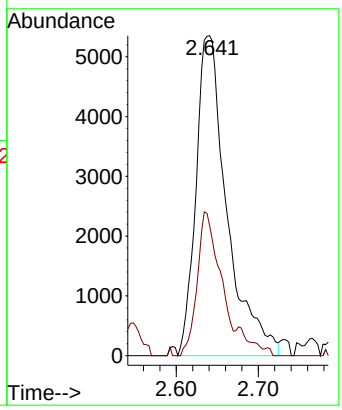
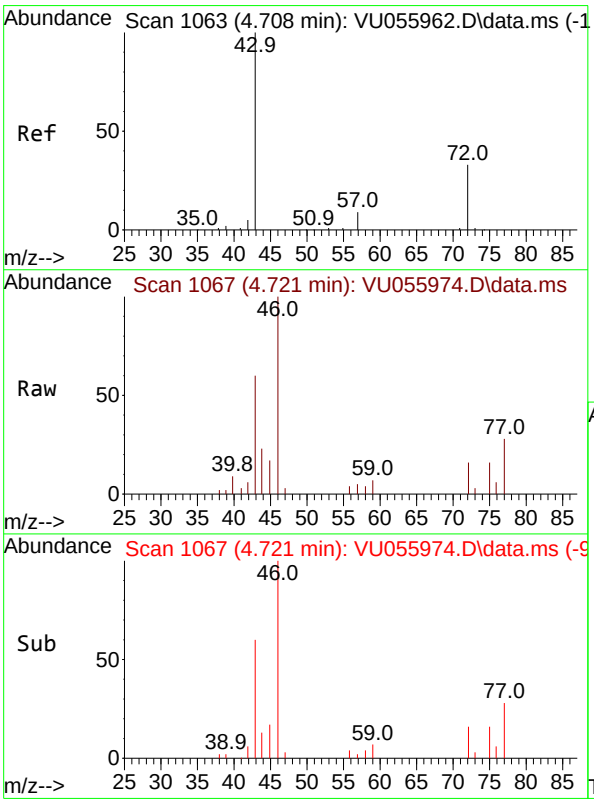
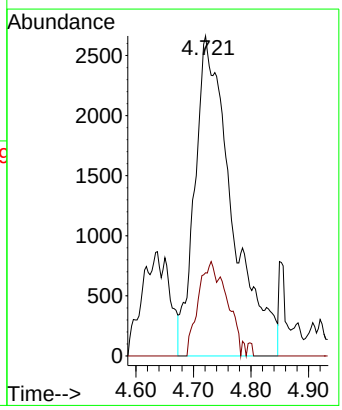


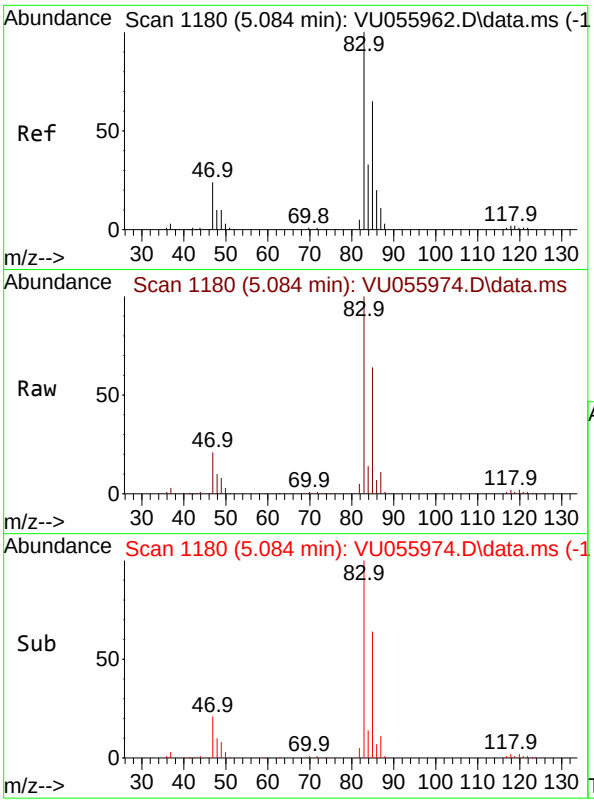


#21
2-Butanone
Concen: 2.921 ug/L m
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

Tgt Ion: 43 Resp: 11927

Ion	Ratio	Lower	Upper
43	100		
72	13.9	14.4	43.4#





#25
Chloroform
Concen: 18.365 ug/L
RT: 5.084 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

Tgt Ion: 83 Resp: 66356

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.6	84.8

Instrument :
MSVOA_U
ClientSampleId :
C0B58

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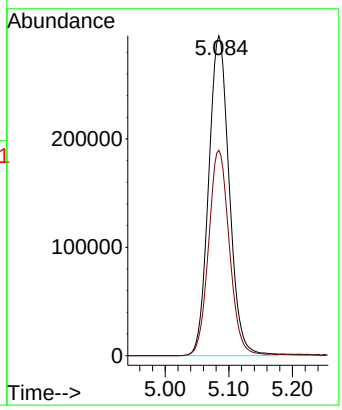
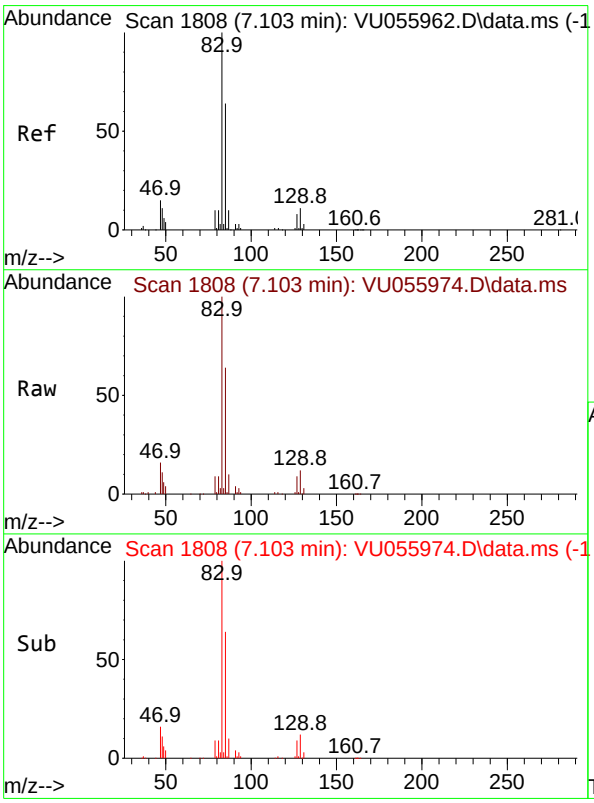
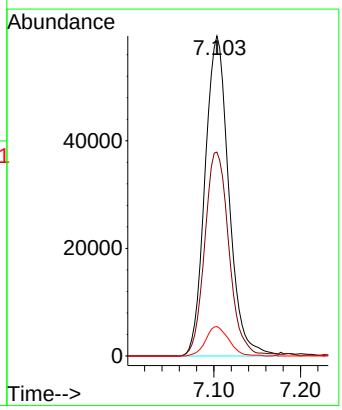


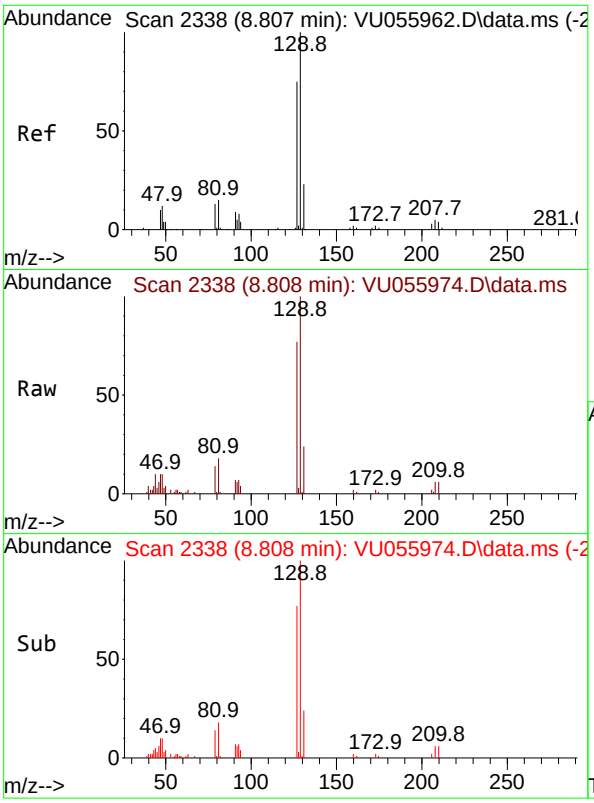


#38
Bromodichloromethane
Concen: 4.493 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

Tgt Ion: 83 Resp: 113786

Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.9	83.3
127	9.2	6.6	9.8





#49
Dibromochloromethane
Concen: 1.210 ug/L
RT: 8.808 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU055974.D
Acq: 28 Oct 2023 15:16

Tgt Ion:129 Resp: 1883

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.5	99.5

Instrument :
MSVOA_U
ClientSampleId :
C0B58

Manual Integrations
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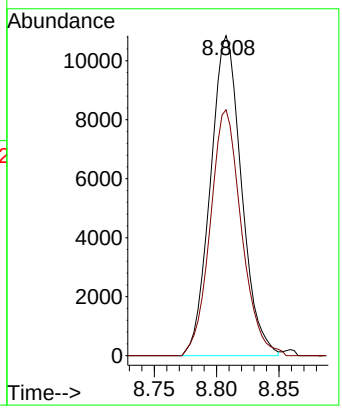
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