Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
Data File : VX035307.D
Acq On : 26 Apr 2023 12:54
Operator : JC/MD
Sample : 02479-07ME
Misc : 4.39g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW948ME

Manual Integrations APPROVED

Reviewed By :John Carlone 04/27/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 27 04:41:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 25 03:03:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	736121	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	636136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	325994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	96808	20.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	40.800%#		
7) Chloroethane-d5	1.672	69	69371m	20.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.460%#		
11) 1,1-Dichloroethene-d2	2.288	65	54277	23.899	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.800%#		
21) 2-Butanone-d5	4.477	46	183179	57.912	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	57.910%		
24) Chloroform-d	5.056	84	234433	26.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	52.460%#		
26) 1,2-Dichloroethane-d4	5.952	65	168026	29.272	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	58.540%#		
32) Benzene-d6	5.970	84	532717	29.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	58.300%#		
36) 1,2-Dichloropropane-d6	7.305	67	166948	29.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	59.820%#		
41) Toluene-d8	8.647	98	484950	29.037	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	58.080%#		
43) trans-1,3-Dichloroprop...	8.951	79	61649	25.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.540%#		
47) 2-Hexanone-d5	9.415	63	130821	58.361	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	58.360%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	201416	29.464	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	58.920%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	193502	30.630	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	61.260%#		
Target Compounds						Qvalue
15) Methyl Acetate	2.715	43	6208	1.235	ug/L	95
25) Chloroform	5.086	83	12242	1.383	ug/L	91

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

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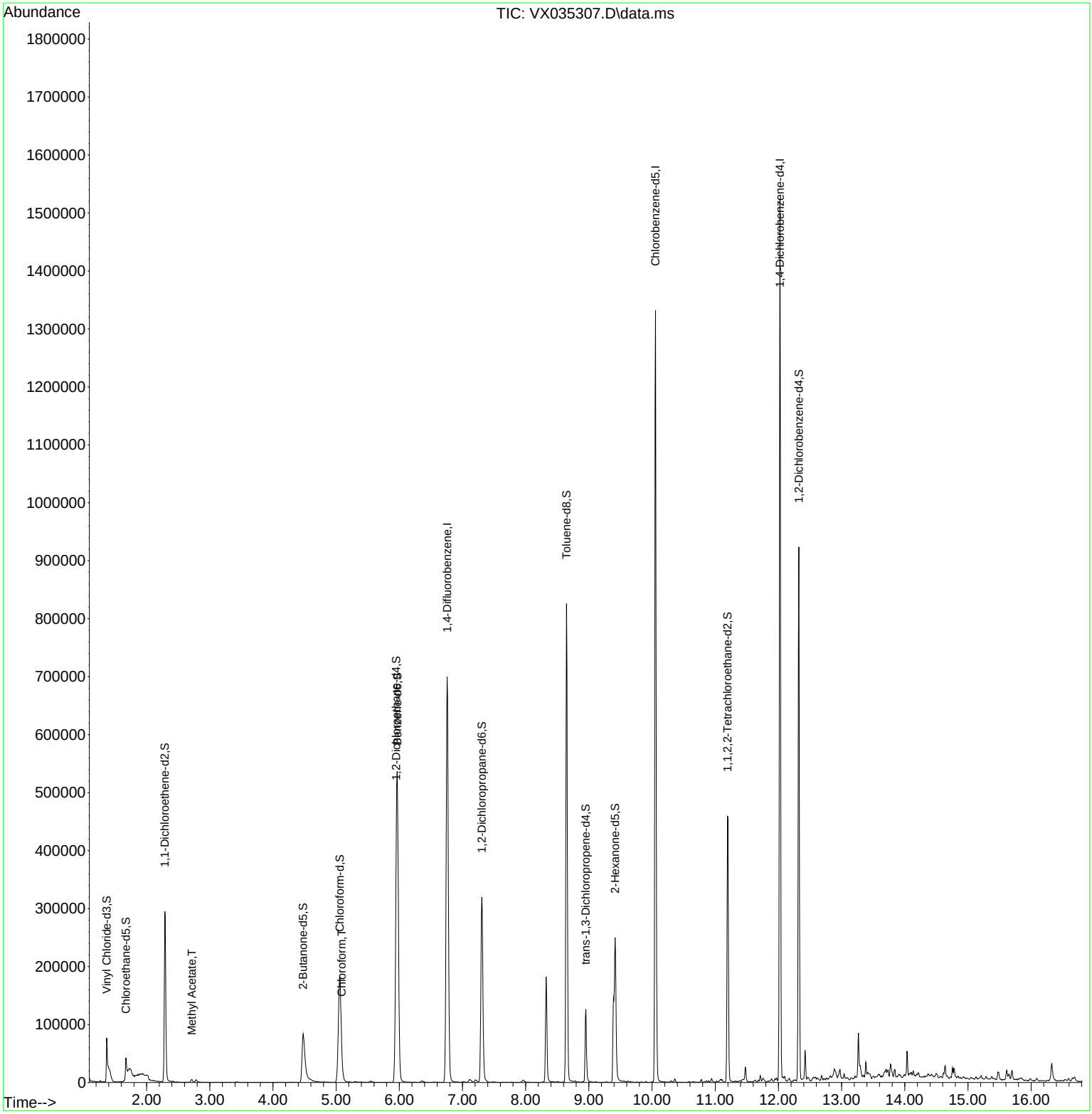

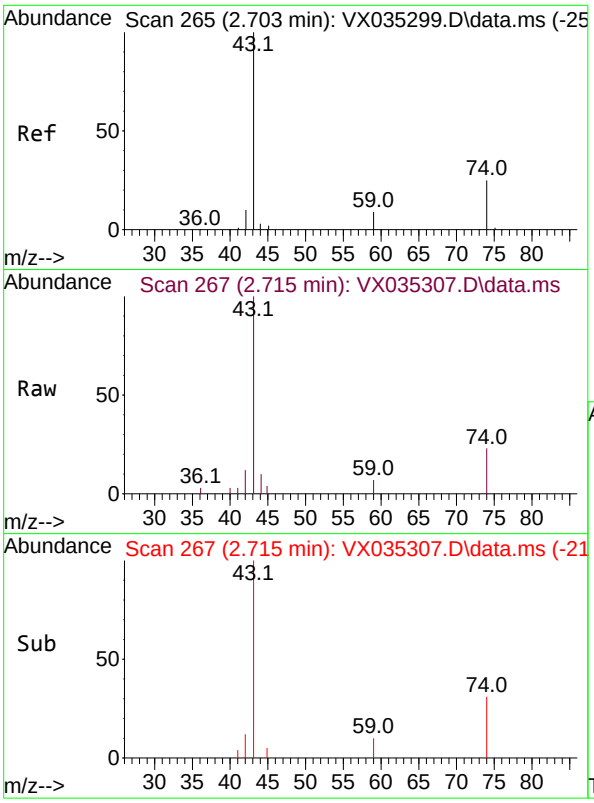

#15
Methyl Acetate
Concen: 1.235 ug/L
RT: 2.715 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX035307.D
Acq: 26 Apr 2023 12:54

Tgt Ion: 43 Resp: 620

Ion	Ratio	Lower	Upper
43	100		
74	25.2	18.2	27.4

Instrument :
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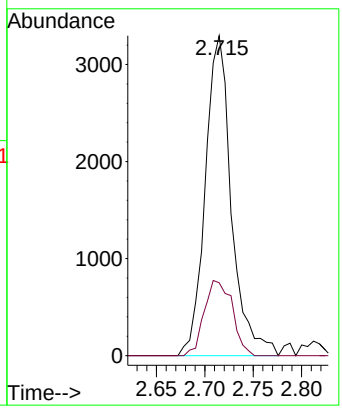
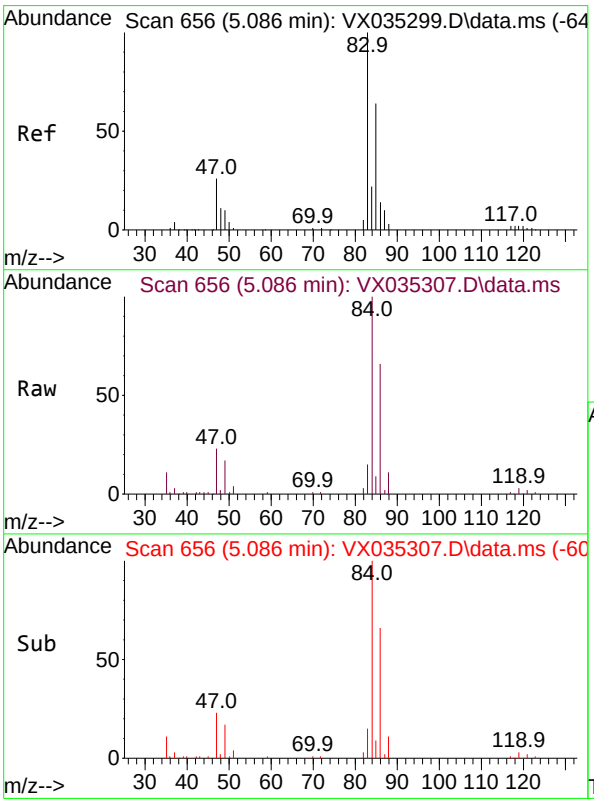
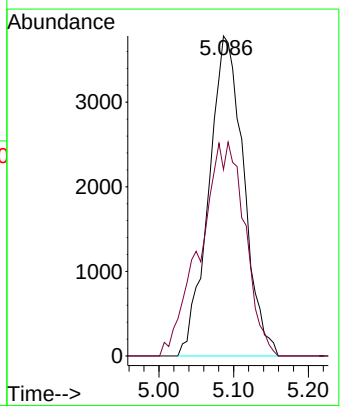




#25
Chloroform
Concen: 1.383 ug/L
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX035307.D
Acq: 26 Apr 2023 12:54

Tgt Ion: 83 Resp: 12242

Ion	Ratio	Lower	Upper
83	100		
85	58.2	46.0	85.4