Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039282.D
Acq On : 16 Dec 2023 12:03
Operator : JC/MD
Sample : 05844-09DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCHG5DL

Quant Time: Dec 16 21:11:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212536	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72522	43.504	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.000%			
7) Chloroethane-d5	1.666	69	54331	44.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.180%			
11) 1,1-Dichloroethene-d2	2.307	65	36845	50.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.700%			
21) 2-Butanone-d5	4.453	46	152595	101.125	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.120%			
24) Chloroform-d	5.056	84	146325	49.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.160%			
26) 1,2-Dichloroethane-d4	5.952	65	101619	53.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.340%			
32) Benzene-d6	5.971	84	303156	49.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.300%			
36) 1,2-Dichloropropane-d6	7.306	67	97557	49.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.300%			
41) Toluene-d8	8.647	98	271776	49.114	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.220%			
43) trans-1,3-Dichloroprop...	8.952	79	44316	44.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.640%			
47) 2-Hexanone-d5	9.385	63	110701	94.320	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.320%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135752	48.698	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	12.317	152	91493	50.333	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.660%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5141	2.944	ug/L #	74
12) 1,1-Dichloroethene	2.319	96	78201	57.115	ug/L	95
13) Acetone	2.380	43	4467	3.081	ug/L	97
19) 1,1-Dichloroethane	3.611	63	11339	3.975	ug/L	90

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

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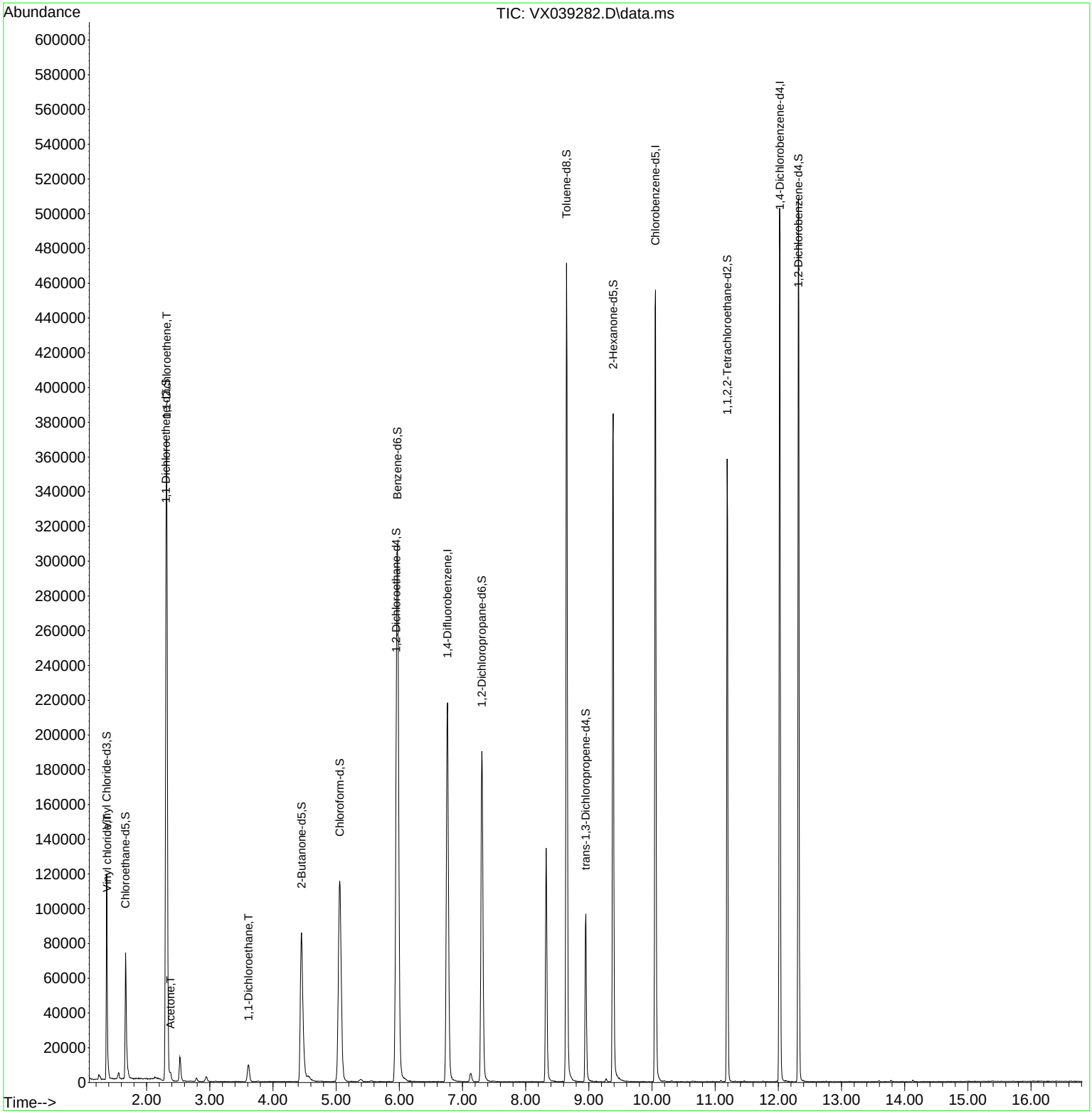
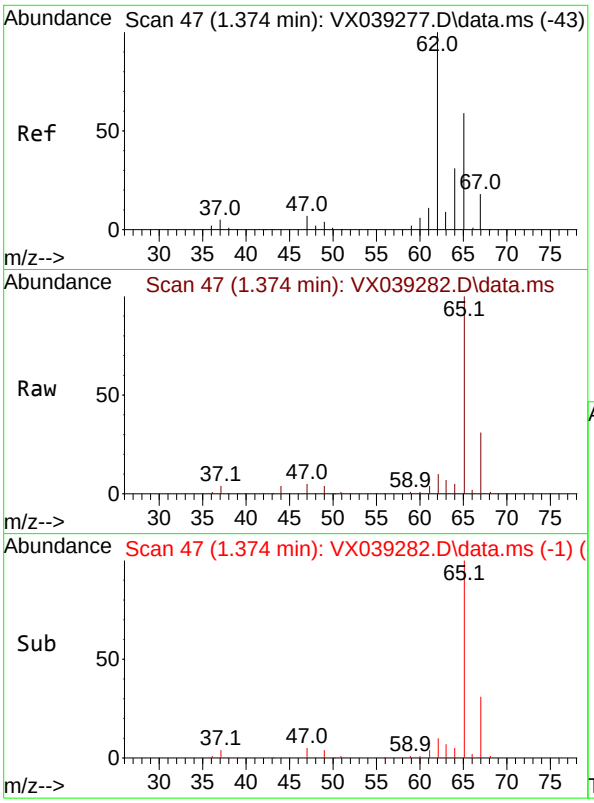


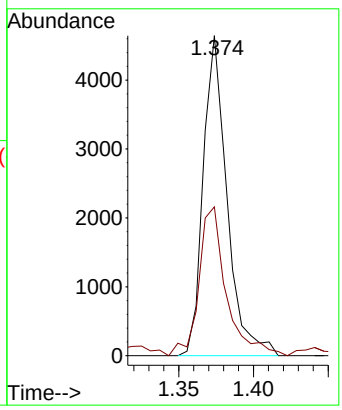


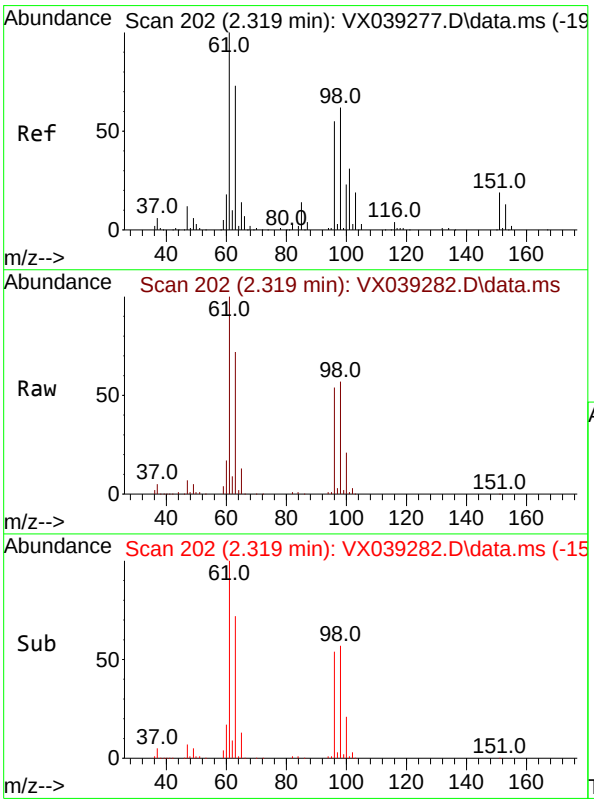
#5
Vinyl chloride
Concen: 2.944 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX039282.D
Acq: 16 Dec 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :
YCHG5DL

Tgt Ion: 62 Resp: 5141

Ion	Ratio	Lower	Upper
62	100		
64	46.5	22.3	41.3#

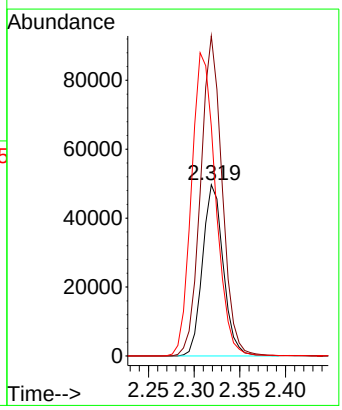


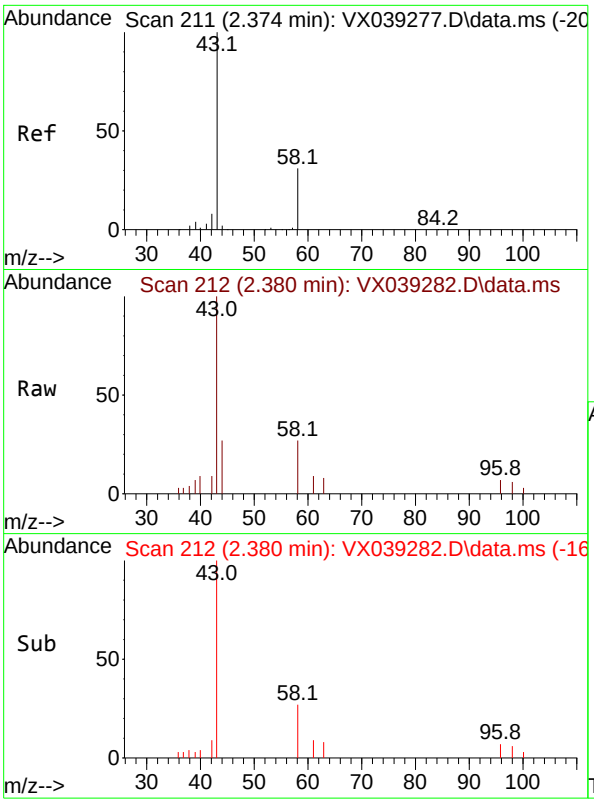


#12
1,1-Dichloroethene
Concen: 57.115 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039282.D
Acq: 16 Dec 2023 12:03

Tgt Ion: 96 Resp: 78201

Ion	Ratio	Lower	Upper
96	100		
61	186.9	128.0	237.6
63	134.2	101.5	188.5



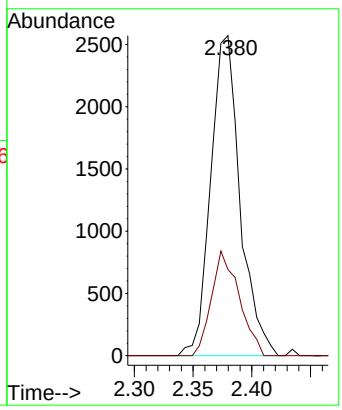


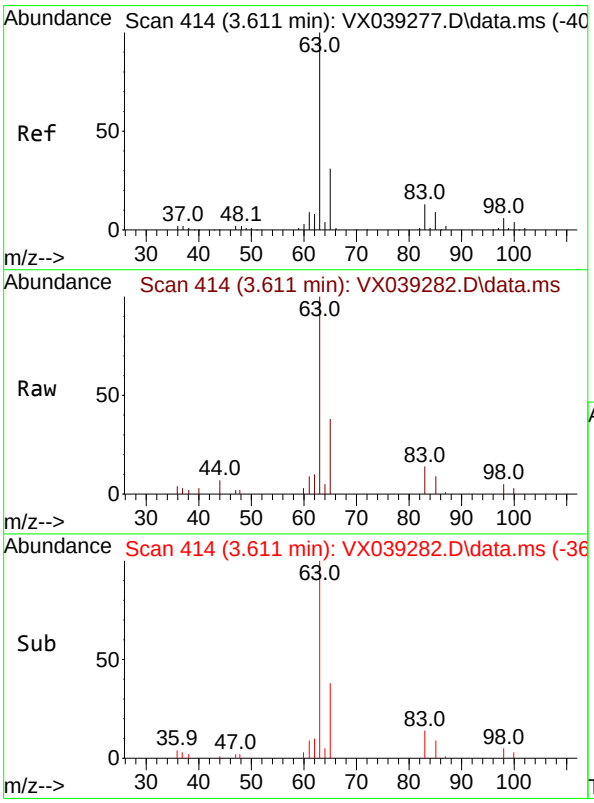
#13
Acetone
Concen: 3.081 ug/L
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039282.D
Acq: 16 Dec 2023 12:03

Instrument :
MSVOA_X
ClientSampleId :
YCHG5DL

Tgt Ion: 43 Resp: 4467

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	65.8





#19
1,1-Dichloroethane
Concen: 3.975 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039282.D
Acq: 16 Dec 2023 12:03

Tgt Ion: 63 Resp: 11339

Ion	Ratio	Lower	Upper
63	100		
65	37.9	21.1	39.3
83	14.0	9.7	17.9