Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040642.D
Acq On : 15 Mar 2024 10:40
Operator : JC/MD
Sample : P1753-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YCKZ1

Quant Time: Mar 16 02:50:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	155989	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	145771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70774	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54071	39.544	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.080%			
7) Chloroethane-d5	1.666	69	47640	43.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.280%			
11) 1,1-Dichloroethene-d2	2.307	65	24826	39.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.880%			
21) 2-Butanone-d5	4.452	46	102193	97.393	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.390%			
24) Chloroform-d	5.056	84	118107	46.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.020%			
26) 1,2-Dichloroethane-d4	5.952	65	88517	46.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.380%			
32) Benzene-d6	5.971	84	207663	46.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.860%			
36) 1,2-Dichloropropane-d6	7.306	67	66542	48.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.020%			
41) Toluene-d8	8.647	98	188590	43.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.520%			
43) trans-1,3-Dichloroprop...	8.952	79	34056	46.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.340%			
47) 2-Hexanone-d5	9.385	63	74142	96.944	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.940%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101896	49.101	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.200%			
66) 1,2-Dichlorobenzene-d4	12.317	152	73183	49.370	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.740%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1814	1.385	ug/L #	49
13) Acetone	2.374	43	138540	184.892	ug/L	99
34) Trichloroethene	7.123	95	37047	32.047	ug/L	99
46) Tetrachloroethene	9.275	164	1199	1.445	ug/L #	67

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

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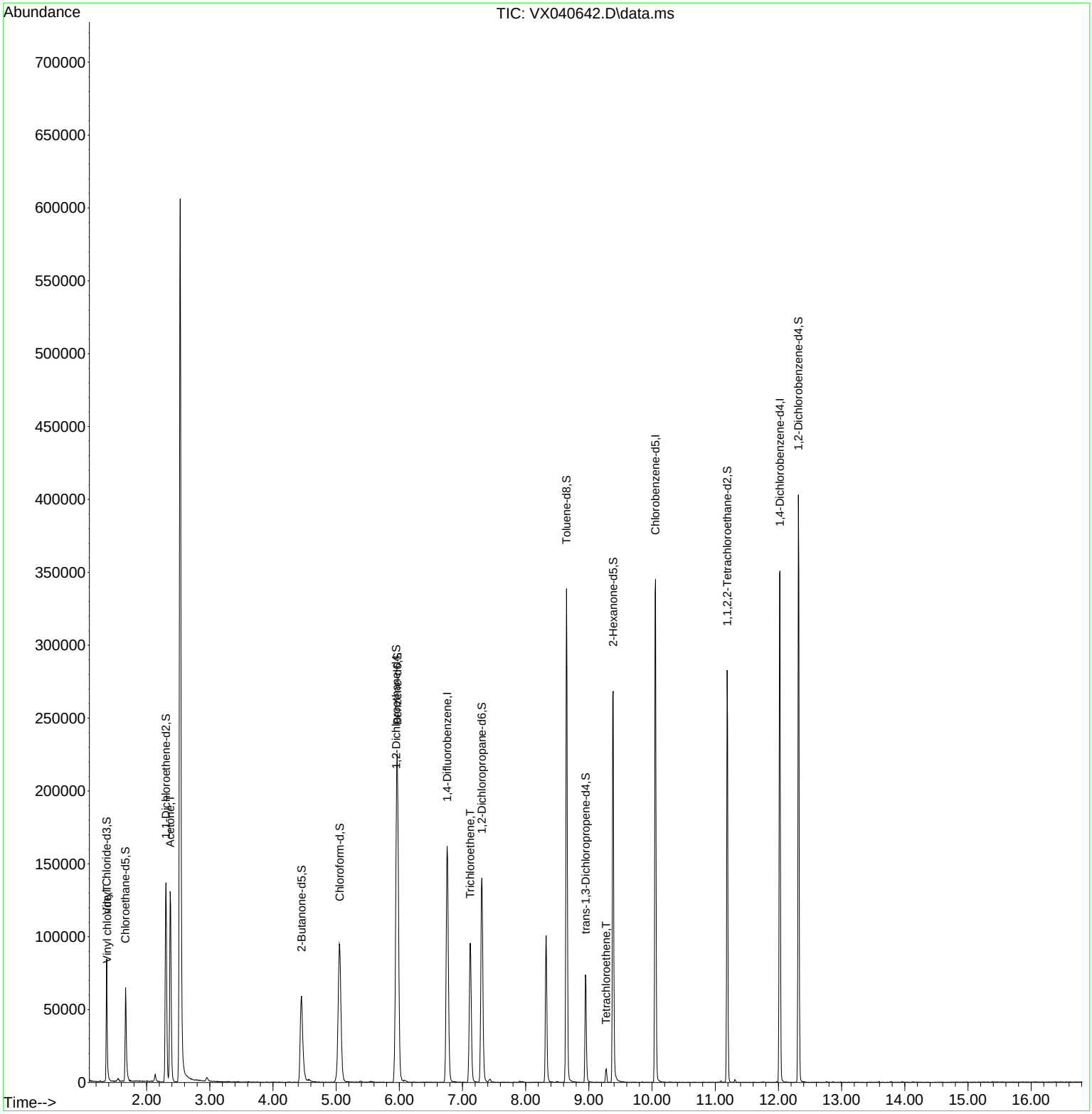
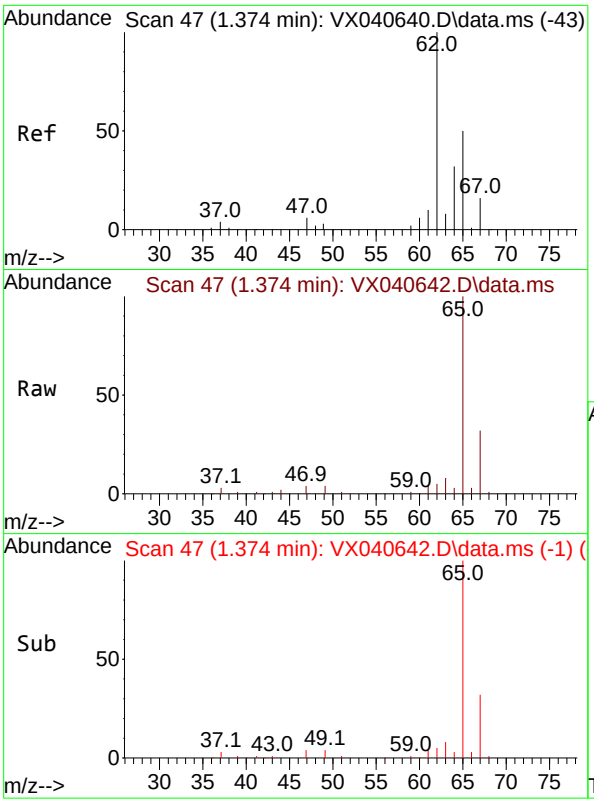


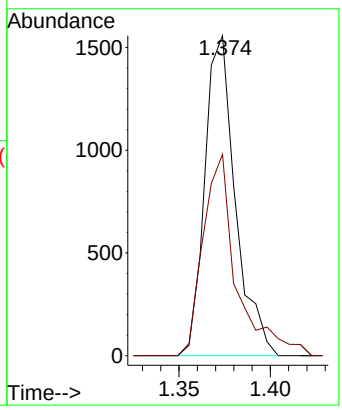


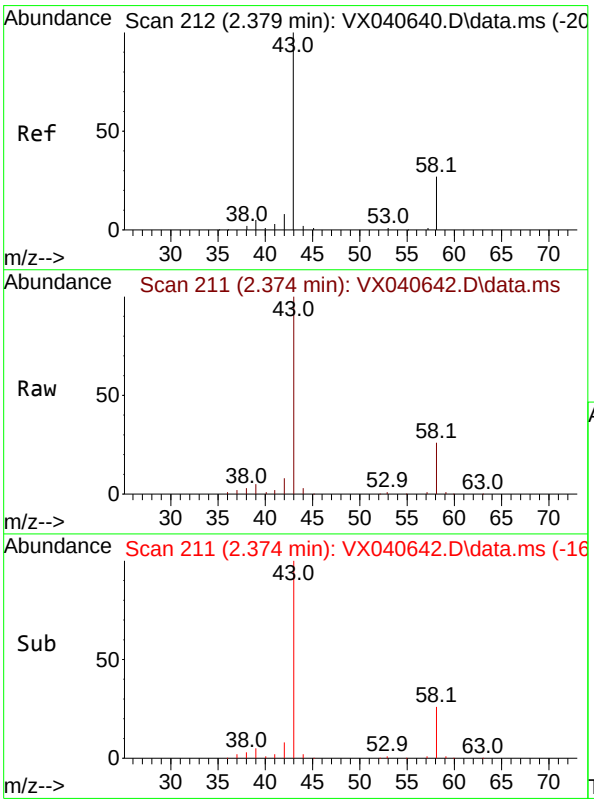
#5
Vinyl chloride
Concen: 1.385 ug/L
RT: 1.374 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX040642.D
Acq: 15 Mar 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
YCKZ1

Tgt Ion: 62 Resp: 1814

Ion	Ratio	Lower	Upper
62	100		
64	63.0	23.8	44.2#

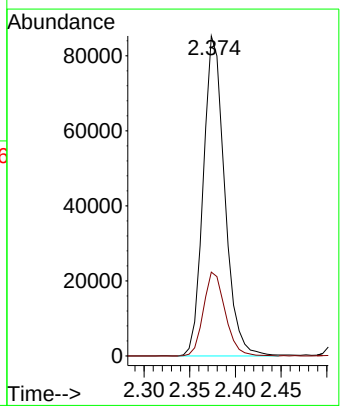


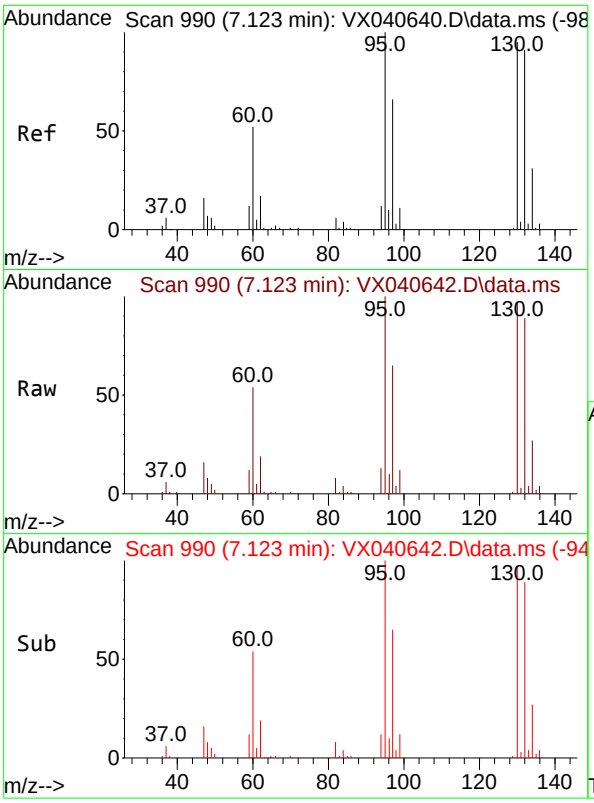


#13
Acetone
Concen: 184.892 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.005 min
Lab File: VX040642.D
Acq: 15 Mar 2024 10:40

Tgt Ion: 43 Resp: 138540

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	54.6



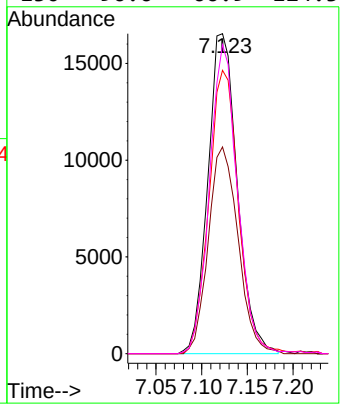


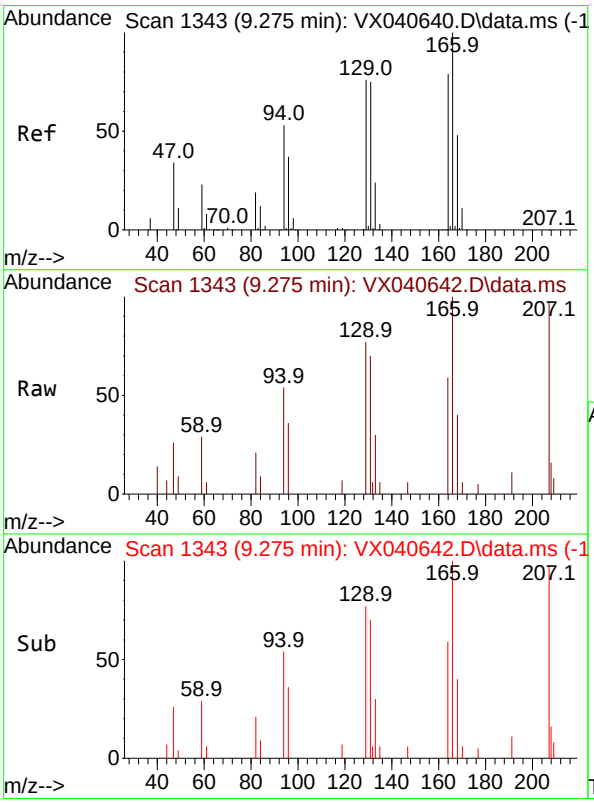
#34
Trichloroethene
Concen: 32.047 ug/L
RT: 7.123 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX040642.D
Acq: 15 Mar 2024 10:40

Instrument :
MSVOA_X
ClientSampleId :
YCKZ1

Tgt Ion: 95 Resp: 37047

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.7	83.1
132	88.5	61.5	114.3
130	96.6	66.9	124.3





#46
Tetrachloroethene
Concen: 1.445 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040642.D
Acq: 15 Mar 2024 10:40

Tgt Ion:164 Resp: 1199

Ion	Ratio	Lower	Upper
164	100		
129	131.3	67.8	126.0#
131	118.9	67.8	126.0
166	170.8	88.2	163.8#