Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082222\
Data File : VX030711.D
Acq On : 22 Aug 2022 12:54
Operator : JC/MD
Sample : N4231-09DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0KQ6DL

Quant Time: Aug 23 02:06:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 23 02:05:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	328437	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84553	40.088	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.180%			
7) Chloroethane-d5	1.666	69	68935	46.363	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.720%			
11) 1,1-Dichloroethene-d2	2.307	63	127301	31.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.820%			
21) 2-Butanone-d5	4.459	46	167655	85.790	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.790%			
24) Chloroform-d	5.062	84	185992	42.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.680%			
26) 1,2-Dichloroethane-d4	5.958	65	116282	39.443	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.880%			
32) Benzene-d6	5.977	84	382899	45.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.960%			
36) 1,2-Dichloropropane-d6	7.312	67	130706	47.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.700%			
41) Toluene-d8	8.653	98	343615	43.298	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.600%			
43) trans-1,3-Dichloroprop...	8.952	79	56801	41.799	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.600%			
47) 2-Hexanone-d5	9.385	63	127185	91.347	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.350%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	177495	49.464	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.920%			
66) 1,2-Dichlorobenzene-d4	12.323	152	124672	47.356	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.720%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	2615	1.423	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	13291	5.548	ug/L	87
34) Trichloroethene	7.123	95	8203	3.005	ug/L	96
46) Tetrachloroethene	9.275	164	15385	8.919	ug/L	92

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

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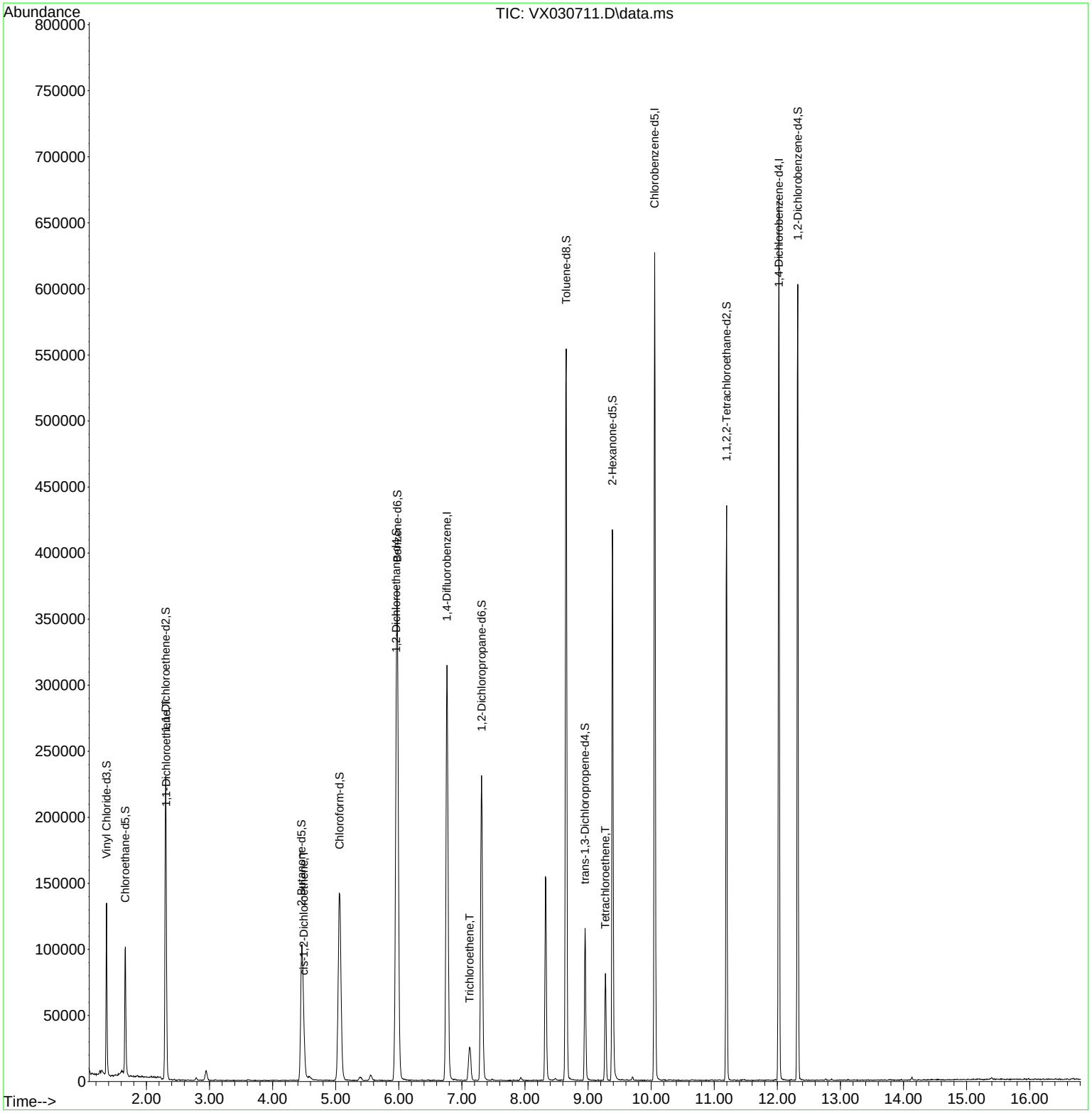
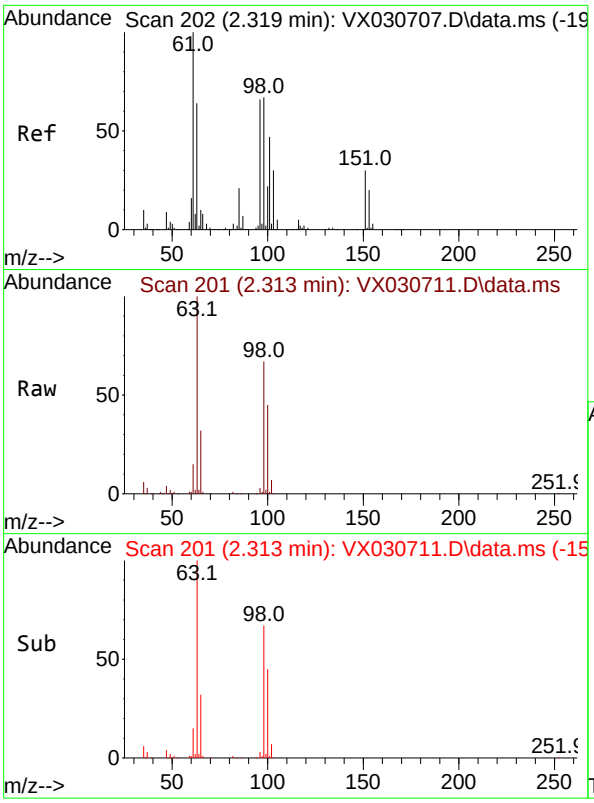


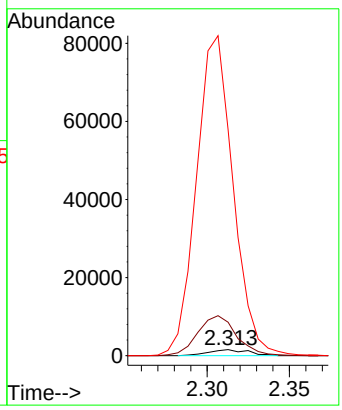


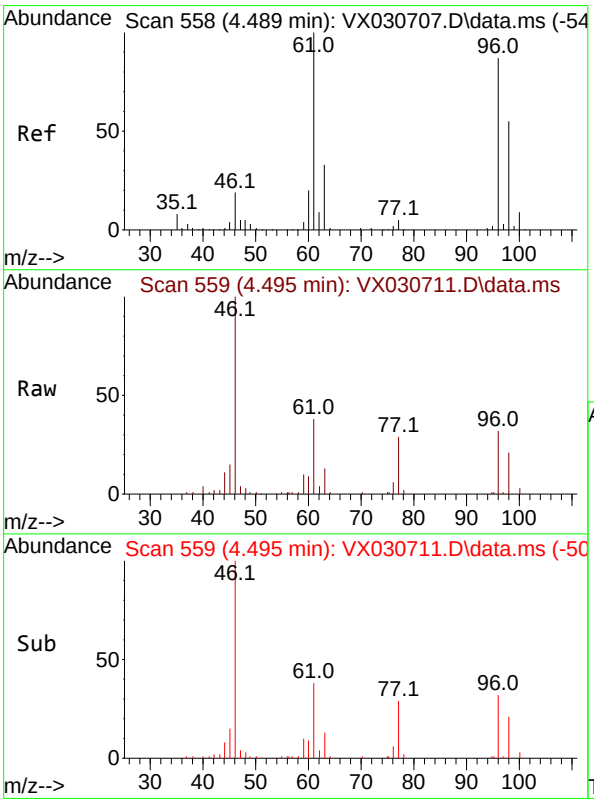
#12
1,1-Dichloroethene
Concen: 1.423 ug/L
RT: 2.313 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX030711.D
Acq: 22 Aug 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
C0KQ6DL

Tgt Ion: 96 Resp: 2615

Ion	Ratio	Lower	Upper
96	100		
61	550.8	130.2	241.8#
63	3714.7	113.5	210.9#

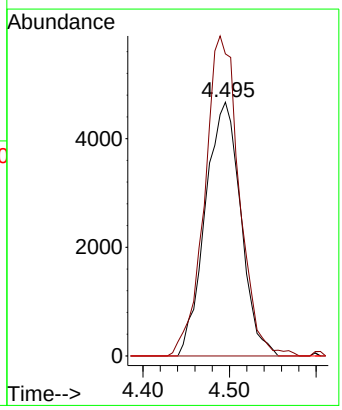


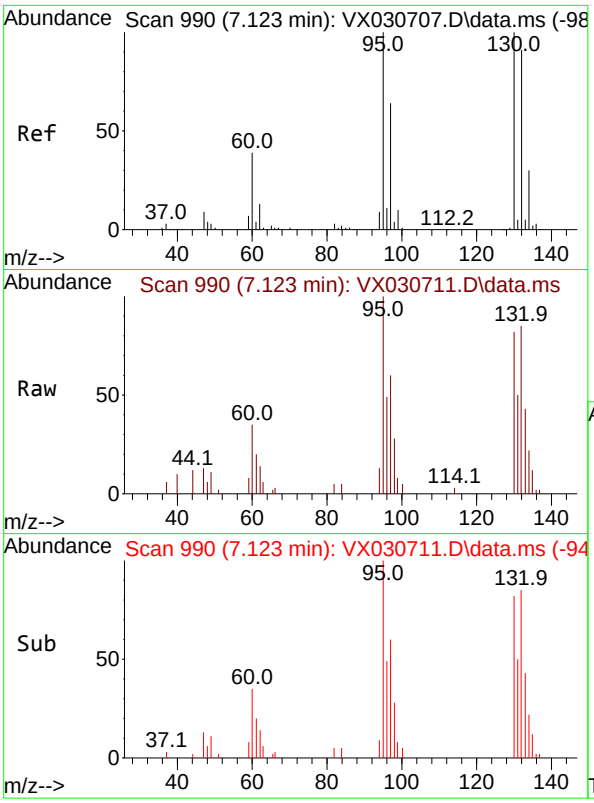


#20
cis-1,2-Dichloroethene
Concen: 5.548 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX030711.D
Acq: 22 Aug 2022 12:54

Tgt Ion: 96 Resp: 13291

Ion	Ratio	Lower	Upper
96	100		
61	119.1	94.0	174.6
68	0.0	0.0	0.0



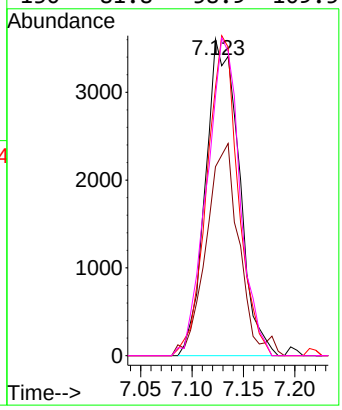


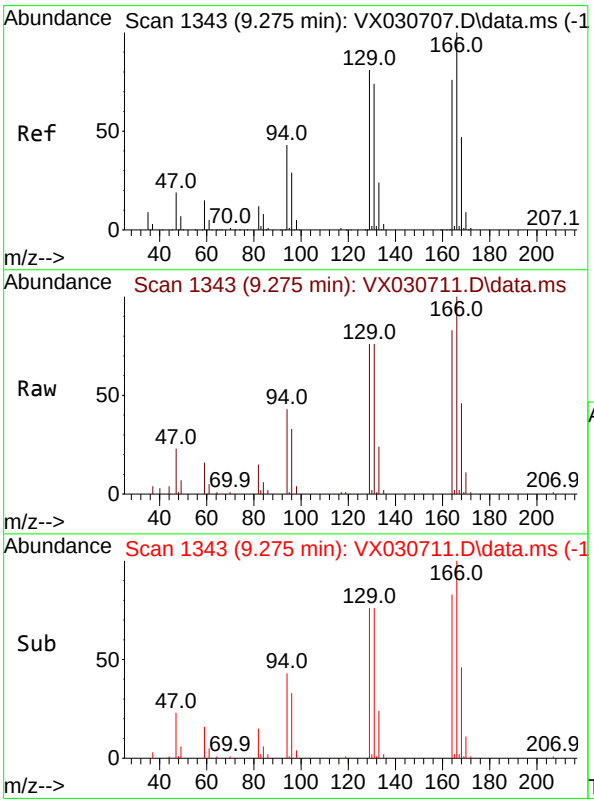
#34
Trichloroethene
Concen: 3.005 ug/L
RT: 7.123 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX030711.D
Acq: 22 Aug 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
C0KQ6DL

Tgt Ion: 95 Resp: 8203

Ion	Ratio	Lower	Upper
95	100		
97	59.7	40.2	74.6
132	84.8	55.3	102.7
130	81.8	58.9	109.5





#46
Tetrachloroethene
Concen: 8.919 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030711.D
Acq: 22 Aug 2022 12:54

Tgt Ion:164 Resp: 15385

Ion	Ratio	Lower	Upper
164	100		
129	92.4	72.7	135.1
131	91.6	69.9	129.9
166	121.0	88.3	164.1