Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024388.D
Acq On : 27 Aug 2022 08:36
Operator : SY/VA
Sample : N4345-15
Misc : 5.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBVT3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 00:58:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Aug 29 00:57:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	182046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	174218	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74495	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	99345	19.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.200%		
7) Chloroethane-d5	2.873	69	79873	21.243	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.960%		
11) 1,1-Dichloroethene-d2	4.007	63	63255m	14.534	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.120%		
21) 2-Butanone-d5	7.086	46	27398	29.642	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.280%		
24) Chloroform-d	7.647	84	91882	15.699	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	62.800%		
26) 1,2-Dichloroethane-d4	8.305	65	56178	15.828	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	63.320%#		
32) Benzene-d6	8.275	84	182560	18.289	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.160%		
36) 1,2-Dichloropropane-d6	9.268	67	53206	17.139	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	68.560%#		
41) Toluene-d8	10.323	98	167042	17.601	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.400%		
43) trans-1,3-Dichloroprop...	10.573	79	17285	11.898	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	47.600%		
47) 2-Hexanone-d5	10.926	63	20805	29.949	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.900%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50201	14.283	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	57.120%		
66) 1,2-Dichlorobenzene-d4	13.847	152	46500	16.576	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	66.320%#		
Target Compounds						Qvalue
34) Trichloroethene	9.091	95	1851	0.647	ug/L #	78
46) Tetrachloroethene	10.866	164	688462	310.079	ug/L	91

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

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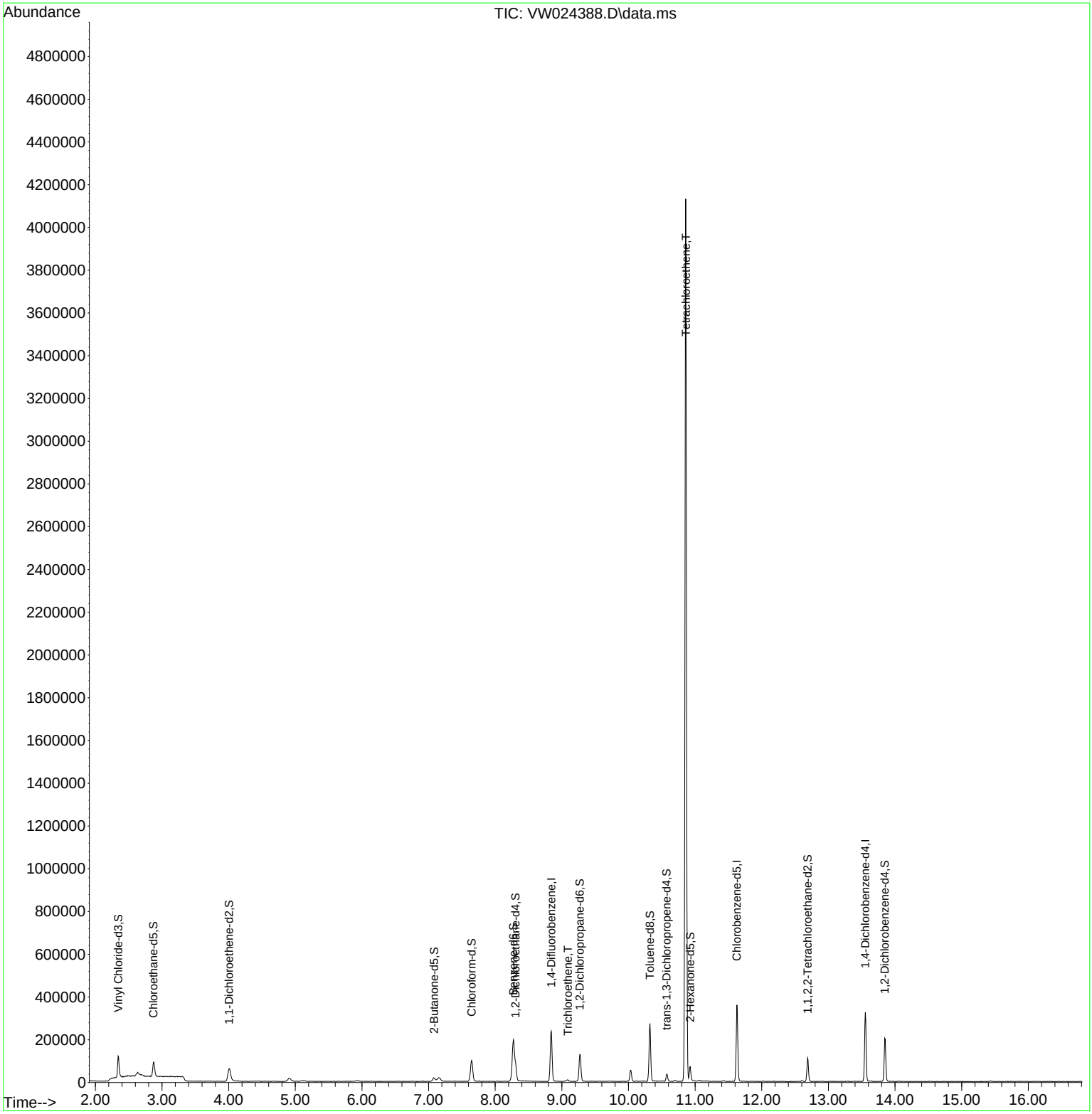
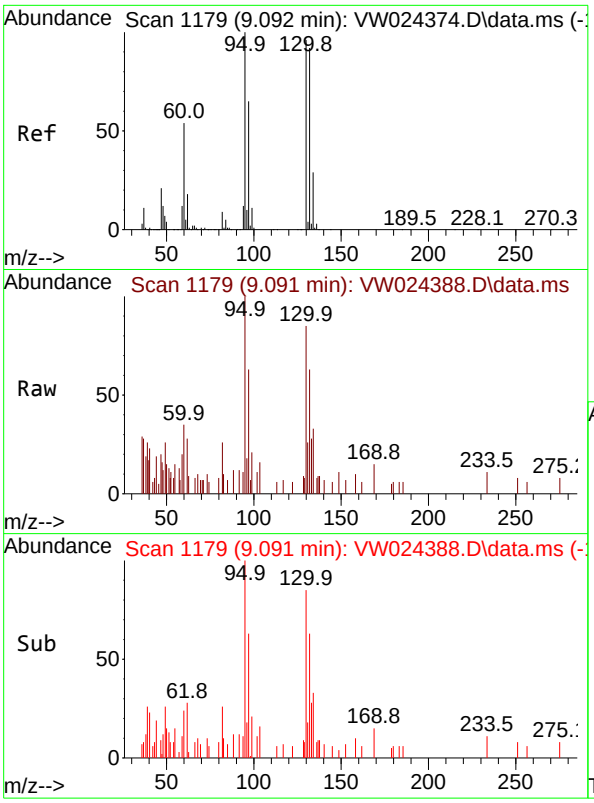
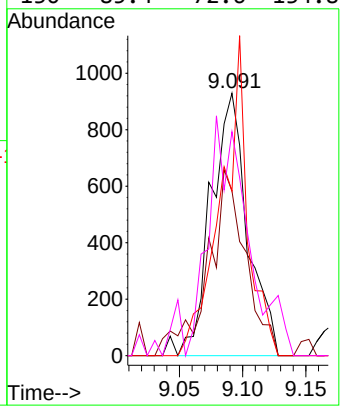




#34
Trichloroethene
Concen: 0.647 ug/L
RT: 9.091 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024388.D
Acq: 27 Aug 2022 08:36

Tgt Ion: 95 Resp: 185

Ion	Ratio	Lower	Upper
95	100		
97	62.8	48.4	89.8
132	62.8	68.6	127.4#
130	85.4	72.6	134.8



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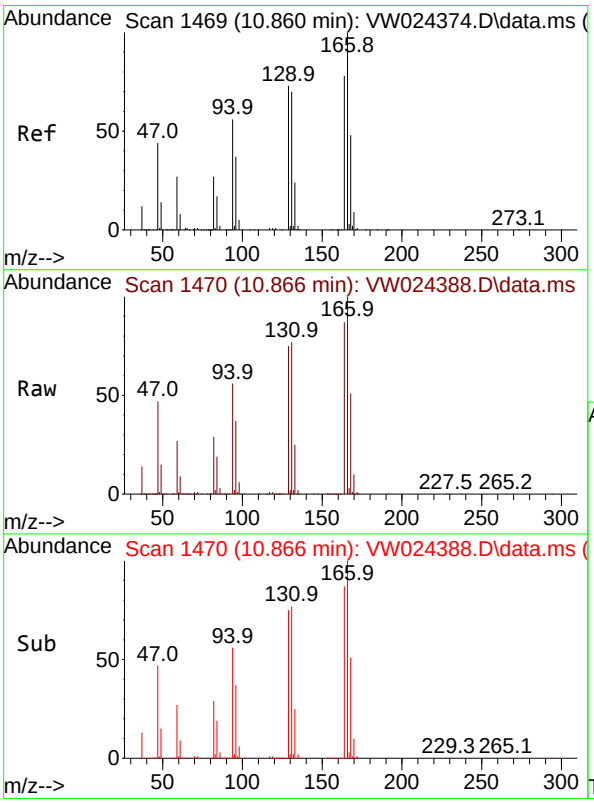

#46
Tetrachloroethene
Concen: 310.079 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024388.D
Acq: 27 Aug 2022 08:36

Tgt Ion:164 Resp: 688462

Ion	Ratio	Lower	Upper
164	100		
129	86.7	72.9	135.3
131	88.2	63.7	118.3
166	114.8	86.2	160.0