

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052202.D
 Acq On : 07 Dec 2022 17:33
 Operator : JC/MD
 Sample : N5930-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ88

Quant Time: Dec 08 02:01:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

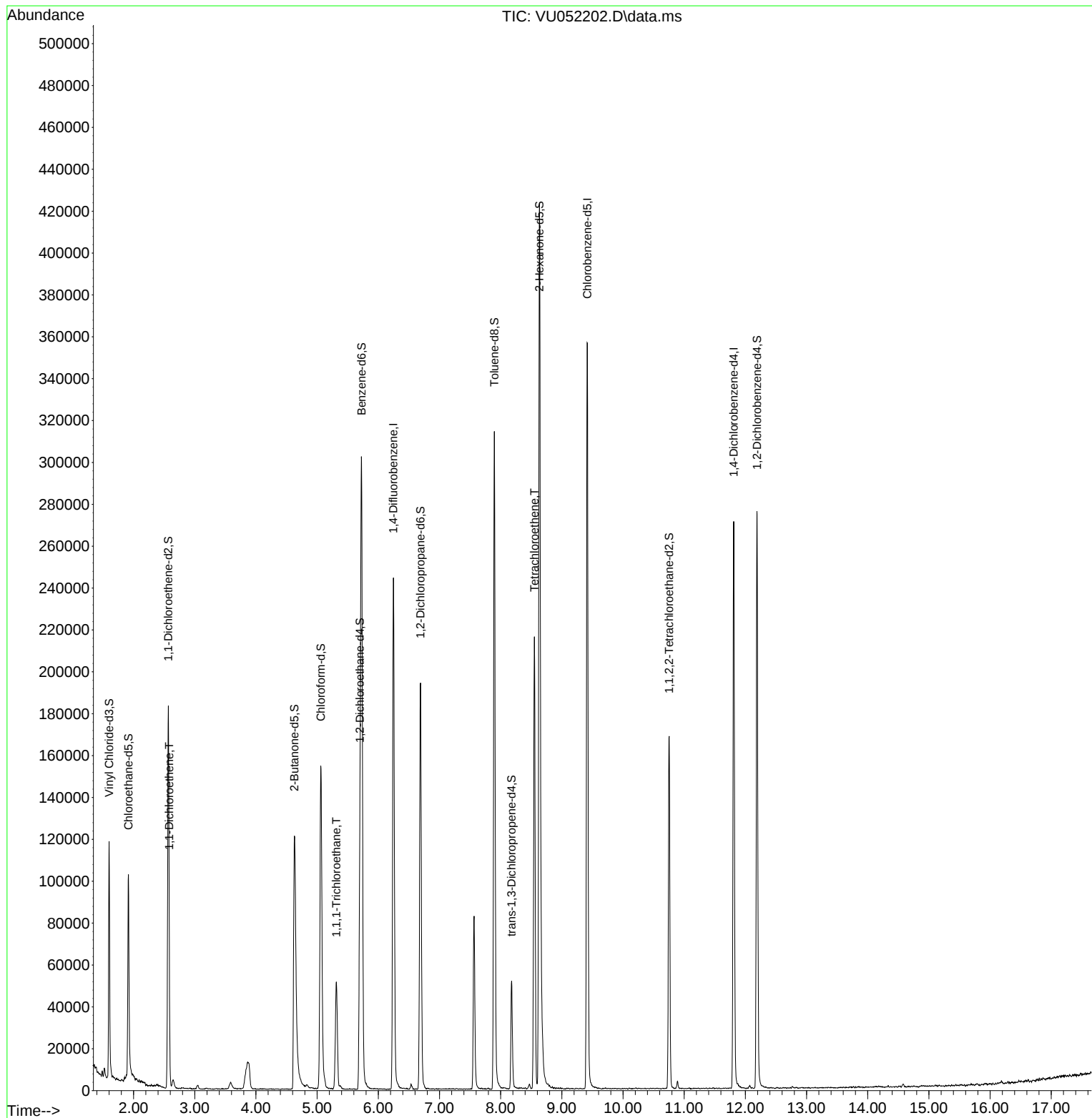
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	205986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	86897	4.337	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.916	69	77032	4.950	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.568	65	33631	4.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.600%	
20) 2-Butanone-d5	4.629	46	199862	55.031	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.060%	
24) Chloroform-d	5.060	84	148615	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.700	65	78299	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.726	84	298090	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.690	67	99264	5.101	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.896	98	224203	3.941	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.179	79	30699	4.329	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.633	63	144741	48.167	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.340%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88810	5.264	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78106	5.168	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	4684	0.313	ug/L	# 1
29) 1,1,1-Trichloroethane	5.314	97	37637	1.602	ug/L	98
47) Tetrachloroethene	8.552	164	50655	3.845	ug/L	98

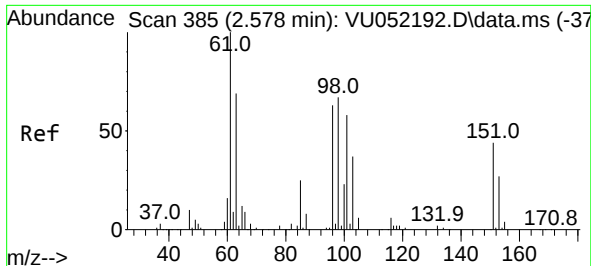
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.313 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

EXZ88

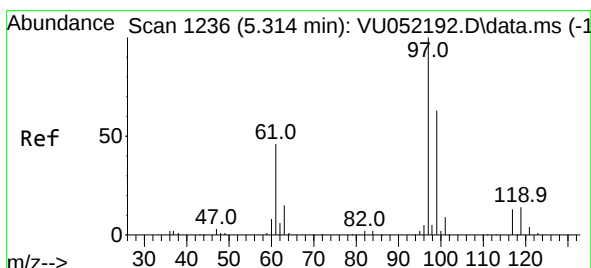
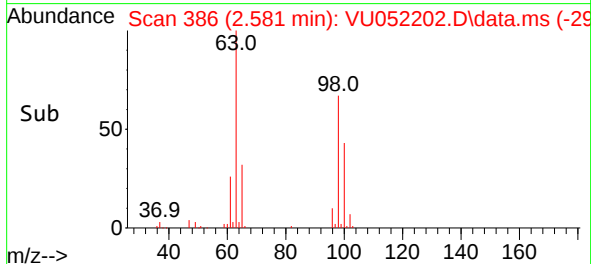
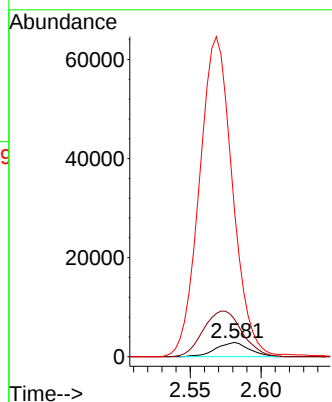
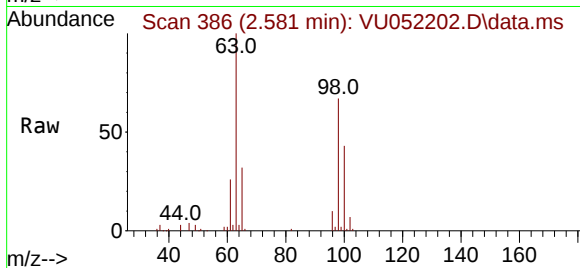
Tgt Ion: 96 Resp: 4684

Ion Ratio Lower Upper

96 100

61 261.8 114.8 213.2#

63 1019.9 93.7 174.1#



#29

1,1,1-Trichloroethane

Concen: 1.602 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU052202.D

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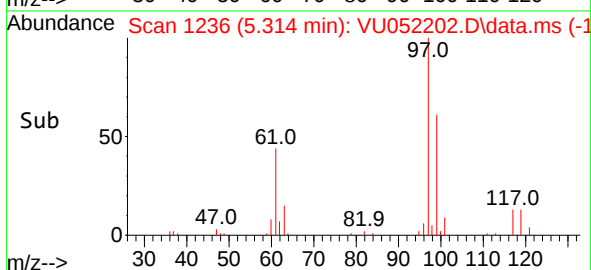
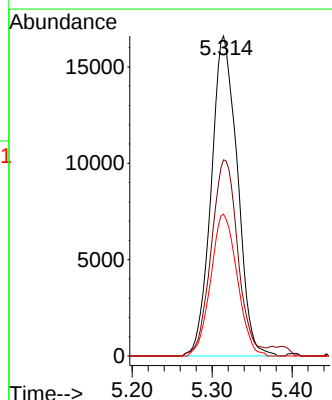
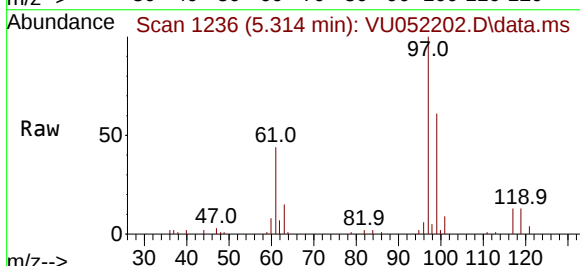
Tgt Ion: 97 Resp: 37637

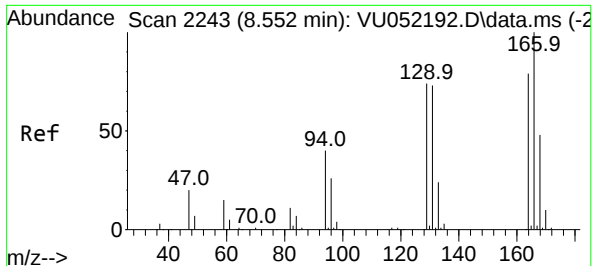
Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.6

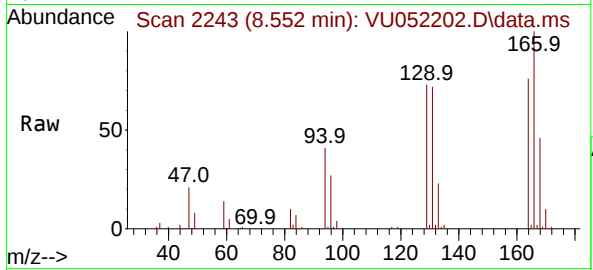
61 45.0 36.9 55.3





#47
Tetrachloroethene
Concen: 3.845 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
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Tgt Ion:164	Resp:	50655
Ion	Ratio	Lower Upper
164	100	
129	95.3	67.4 125.2
131	94.9	67.1 124.7
166	131.2	89.7 166.5

