

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022233.D
 Acq On : 20 Sep 2021 15:28
 Operator : SY/MD
 Sample : M3778-03 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E4587

Quant Time: Sep 21 04:44:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

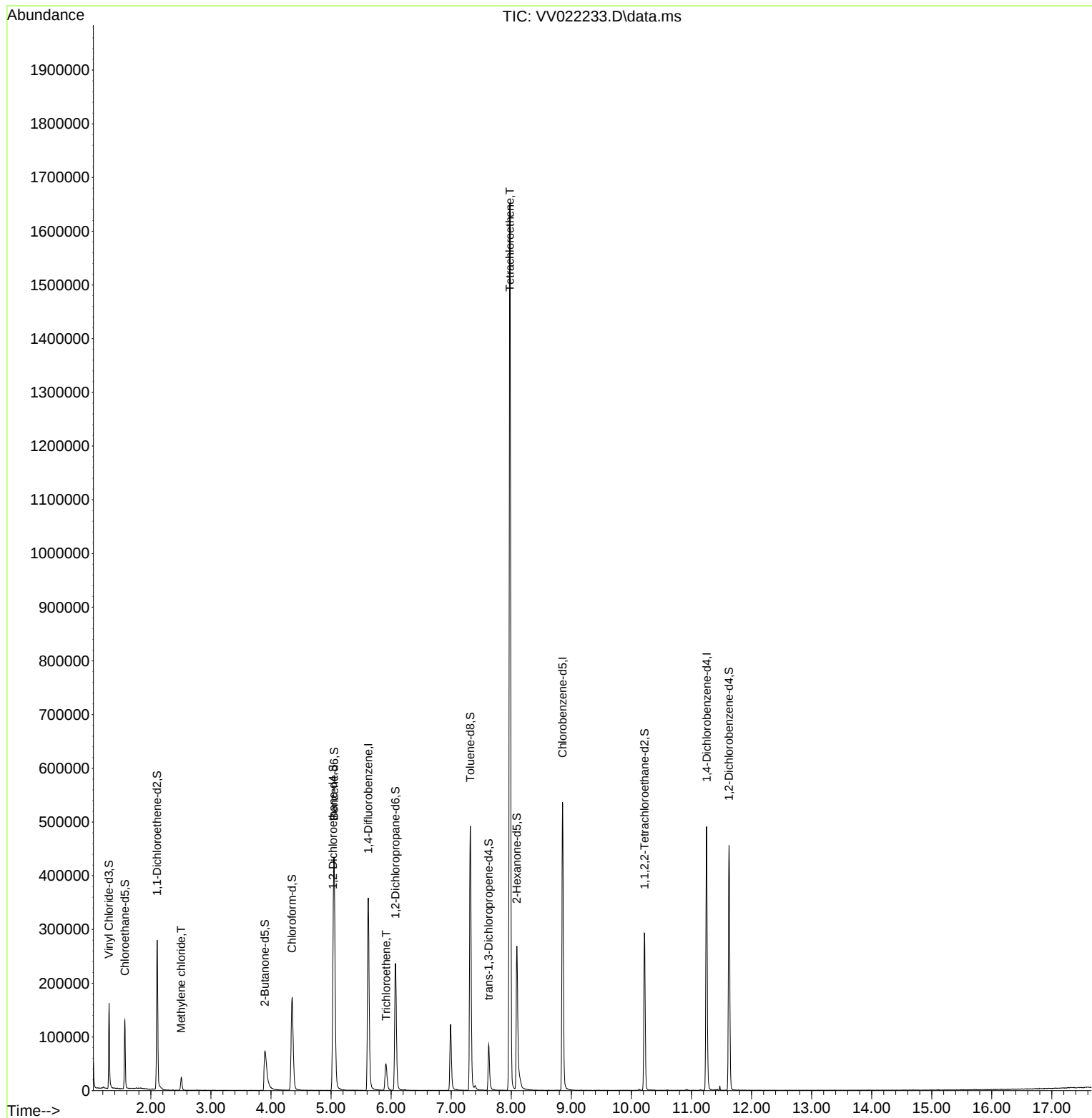
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	318737	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	307764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	133322	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104571	47.375	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.760%	
7) Chloroethane-d5	1.568	69	83108	48.214	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.420%	
11) 1,1-Dichloroethene-d2	2.105	63	142653	39.078	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.160%	
21) 2-Butanone-d5	3.899	46	152995	101.067	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.070%	
24) Chloroform-d	4.352	84	182940	45.453	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.900%	
26) 1,2-Dichloroethane-d4	5.034	65	112730	47.552	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.100%	
32) Benzene-d6	5.053	84	384634	46.077	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.160%	
36) 1,2-Dichloropropane-d6	6.072	67	120826	46.025	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.060%	
41) Toluene-d8	7.320	98	331263	42.039	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.080%	
43) trans-1,3-Dichloroprop...	7.625	79	48798	39.054	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.100%	
47) 2-Hexanone-d5	8.091	63	94353	93.671	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.670%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	142949	42.517	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.040%	
66) 1,2-Dichlorobenzene-d4	11.625	152	123447	47.100	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
16) Methylene chloride	2.507	84	10120	4.108	ug/L	96
34) Trichloroethene	5.918	95	11460	4.518	ug/L	98
46) Tetrachloroethene	7.979	164	377800	191.566	ug/L	98

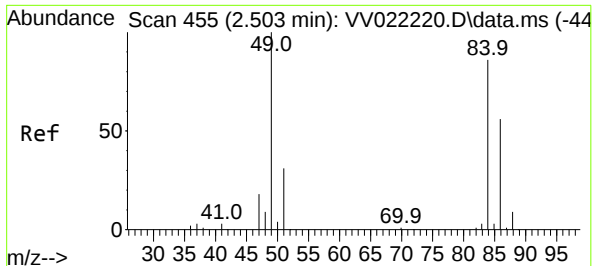
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 4.108 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

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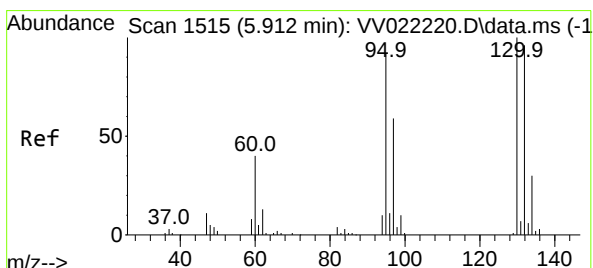
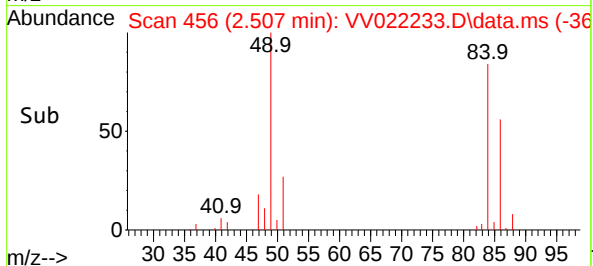
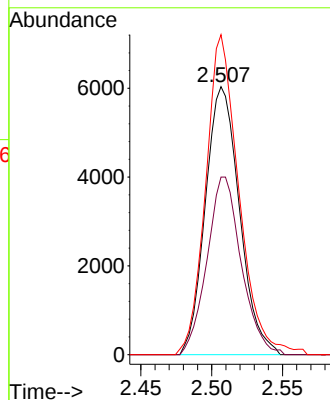
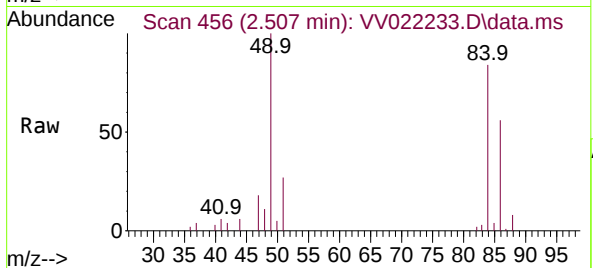
Tgt Ion: 84 Resp: 10120

Ion Ratio Lower Upper

84 100

86 66.3 44.8 83.2

49 119.4 80.2 149.0



#34

Trichloroethene

Concen: 4.518 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

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Tgt Ion: 95 Resp: 11460

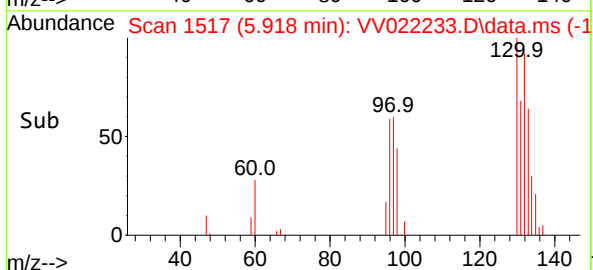
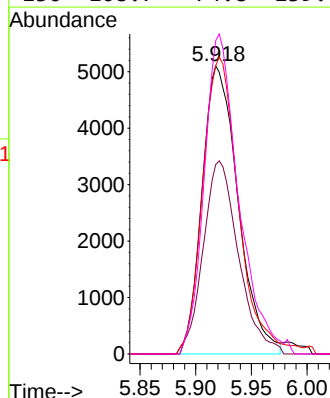
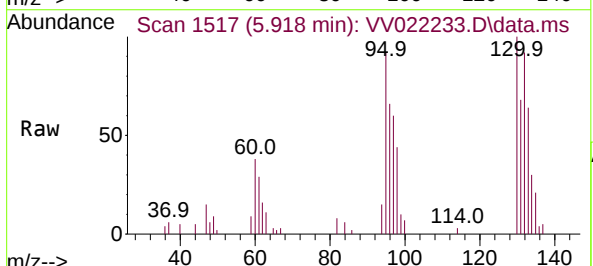
Ion Ratio Lower Upper

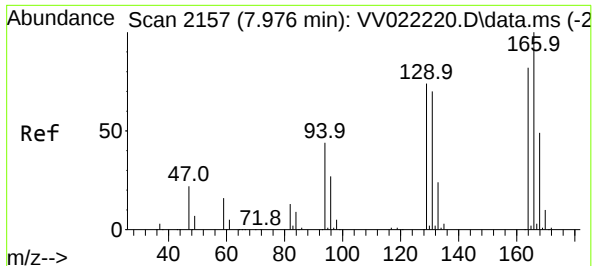
95 100

97 65.8 44.1 81.9

132 100.0 70.7 131.3

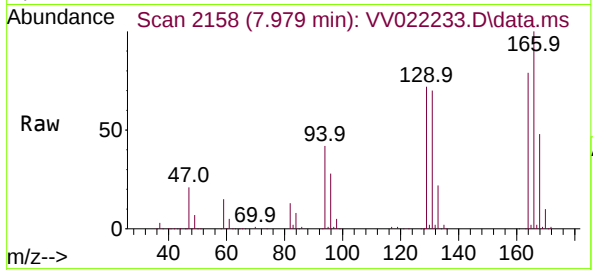
130 108.7 74.8 139.0





#46
 Tetrachloroethene
 Concen: 191.566 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.003 min
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Tgt Ion:164 Resp: 377800

Ion	Ratio	Lower	Upper
164	100		
129	90.7	62.9	116.9
131	88.1	61.0	113.4
166	126.1	90.6	168.3

