

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037421.D
 Acq On : 20 Sep 2024 10:35
 Operator : SY/MD
 Sample : P3994-11DL 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B50DL

Quant Time: Sep 20 23:33:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

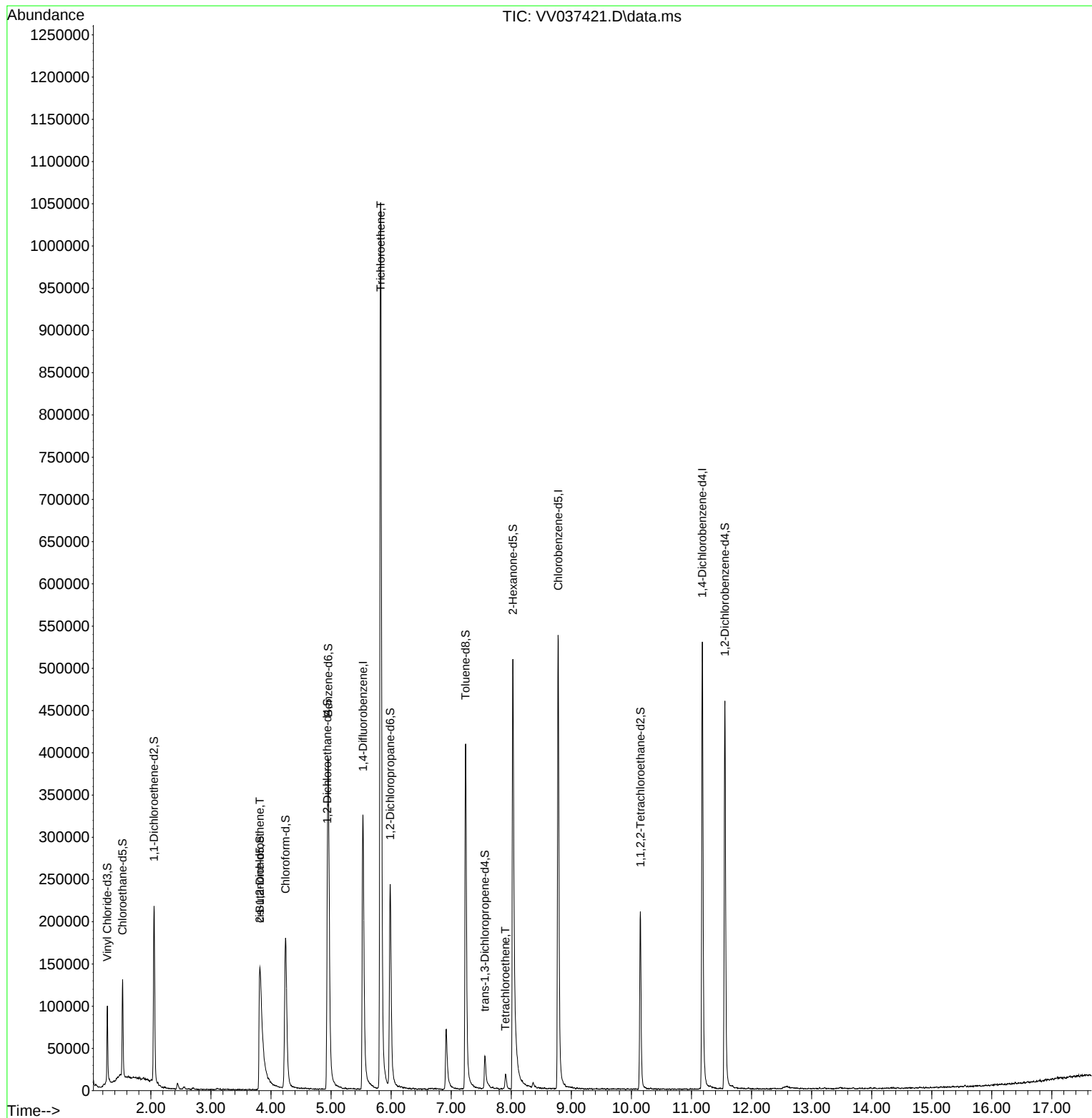
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	315721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	318749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	144402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	59251	3.199	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.529	69	76750	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.053	65	34836	3.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.815	46	260183	47.002	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.000%
24) Chloroform-d	4.243	84	200981	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.937	65	100135	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.953	84	367259	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.985	67	129082	4.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.239	98	299784	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.561	79	30041	3.436	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.027	63	209418	49.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109822	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	126174	4.915	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.815	96	15123	0.601	ug/L	98
34) Trichloroethene	5.825	95	388761	15.022	ug/L	98
47) Tetrachloroethene	7.902	164	4655	0.251	ug/L	83

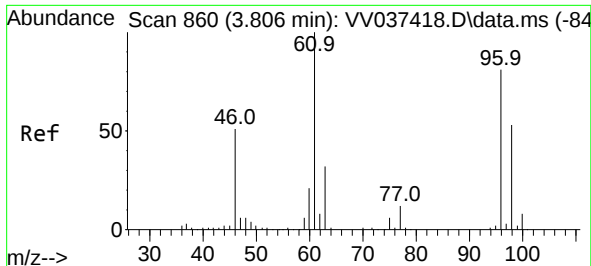
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.601 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.010 min

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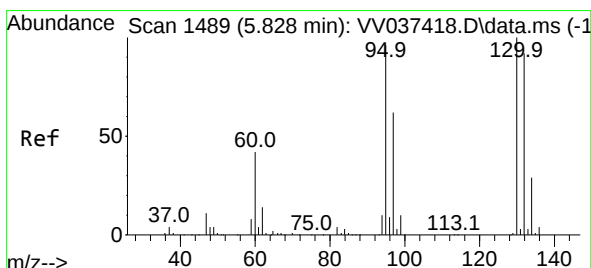
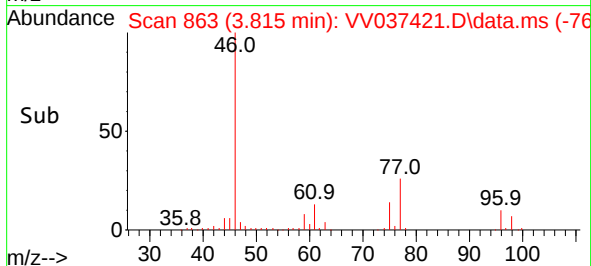
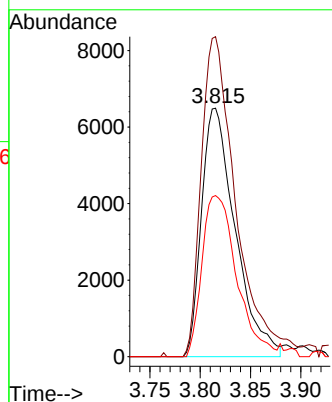
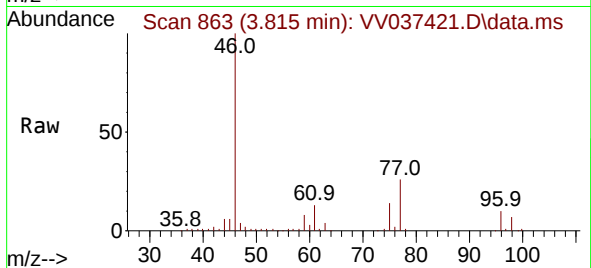
Tgt Ion: 96 Resp: 15123

Ion Ratio Lower Upper

96 100

61 128.8 87.6 162.6

98 64.8 44.9 83.5



#34

Trichloroethene

Concen: 15.022 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

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Tgt Ion: 95 Resp: 388761

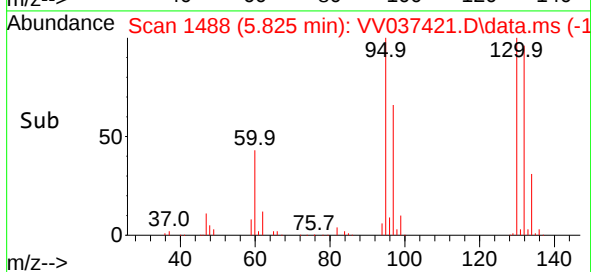
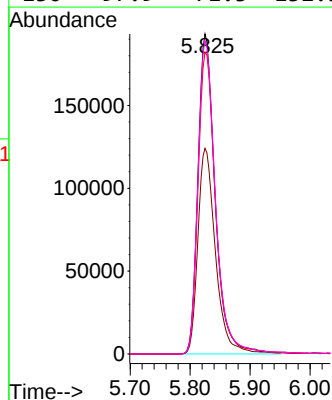
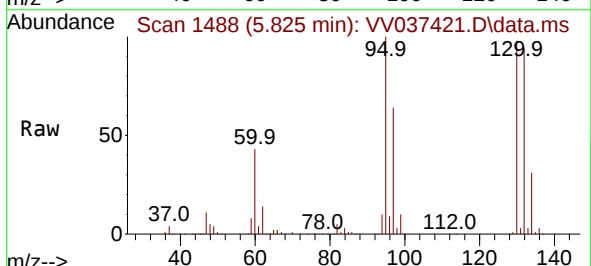
Ion Ratio Lower Upper

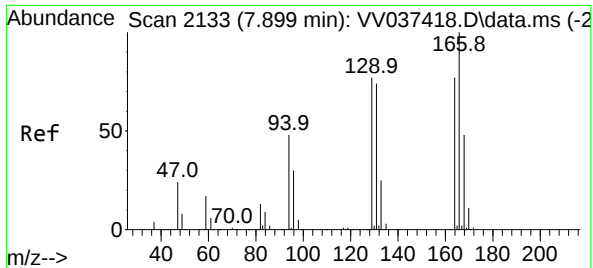
95 100

97 64.2 46.5 86.5

132 94.3 65.5 121.7

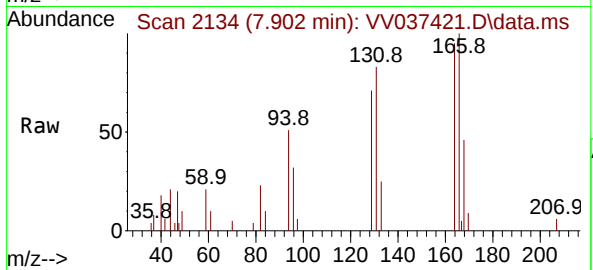
130 97.9 71.3 132.3





#47
 Tetrachloroethene
 Concen: 0.251 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion:	164	Resp:	4655
Ion	Ratio	Lower	Upper
164	100		
129	74.9	69.2	128.4
131	87.6	66.6	123.8
166	105.7	88.8	165.0

