

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037426.D
 Acq On : 20 Sep 2024 12:36
 Operator : SY/MD
 Sample : P3994-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B39

Quant Time: Sep 20 23:34:54 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)

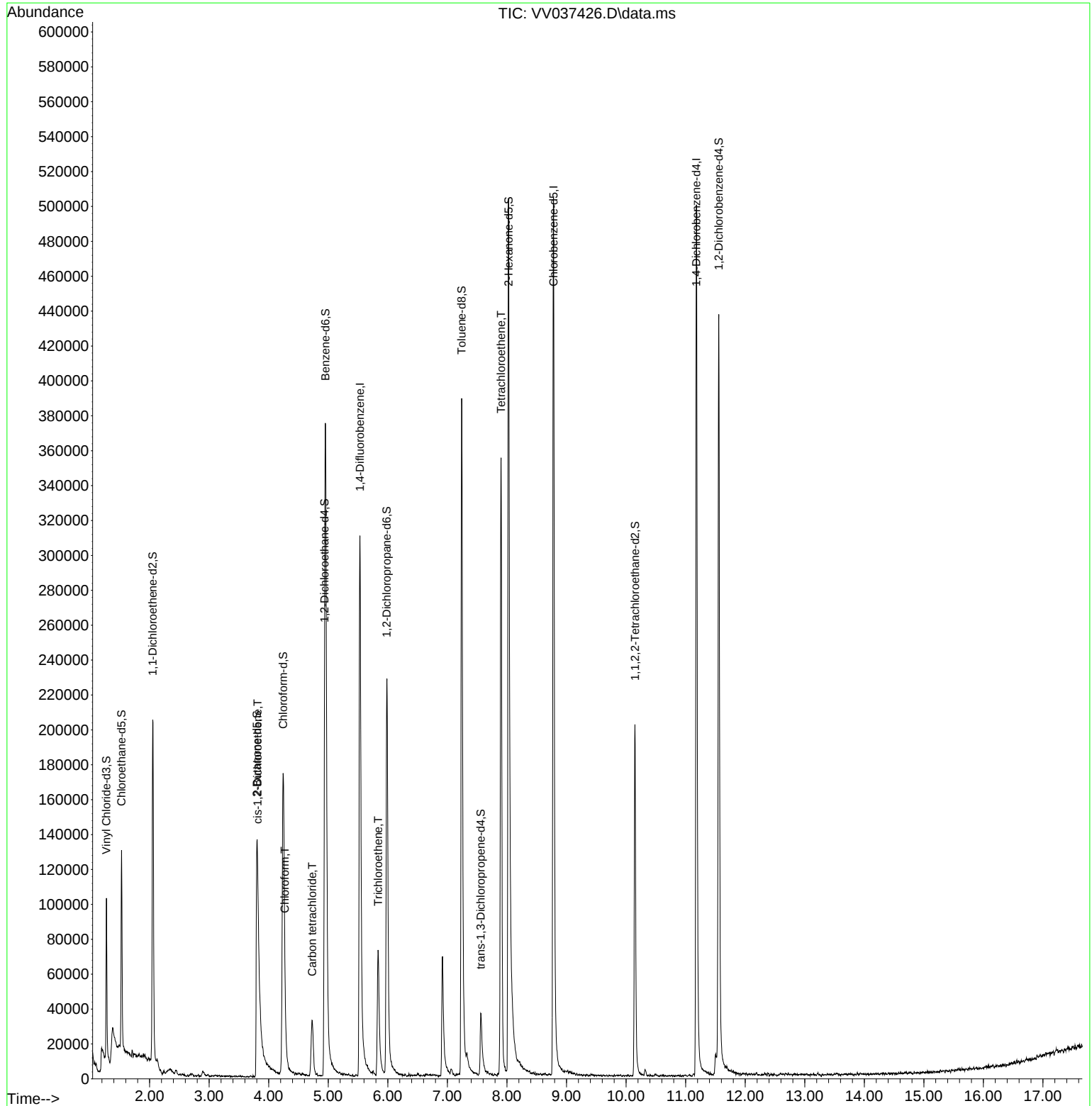
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	303935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58698	3.373	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.529	69	74599	4.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.053	65	32374	3.603	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.000%	
20) 2-Butanone-d5	3.802	46	244154	46.952	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.900%	
24) Chloroform-d	4.243	84	192627	4.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	4.937	65	95282	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	4.953	84	353054	4.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	5.982	67	122023	4.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.239	98	282839	3.852	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.561	79	30771	3.691	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.027	63	200582	49.249	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.500%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103371	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	11.558	152	119988	4.891	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.815	96	8018	0.339	ug/L	93
25) Chloroform	4.272	83	14159	0.337	ug/L	95
31) Carbon tetrachloride	4.728	117	26246	0.856	ug/L	98
34) Trichloroethene	5.838	95	29283	1.187	ug/L	99
47) Tetrachloroethene	7.902	164	79759	4.516	ug/L	98

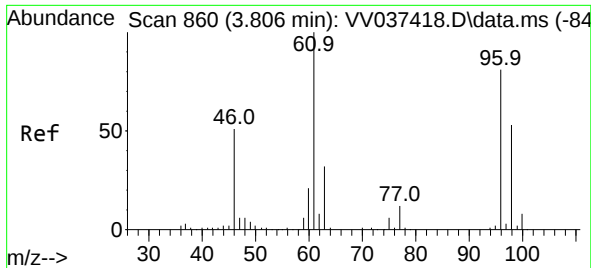
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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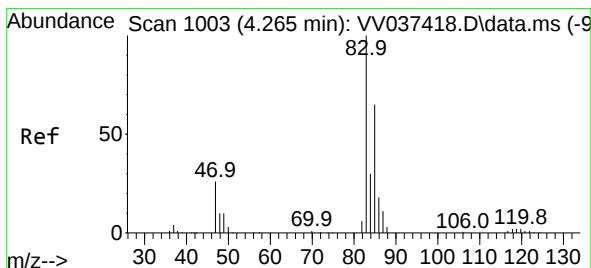
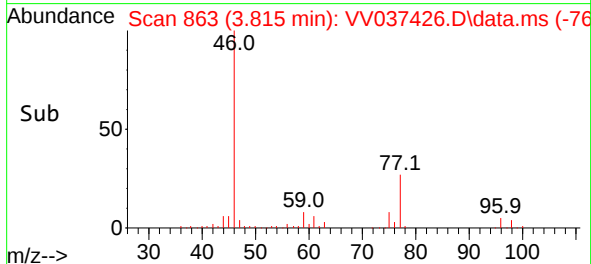
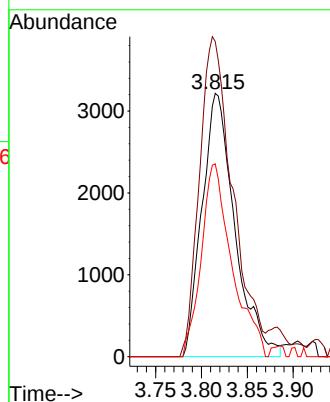
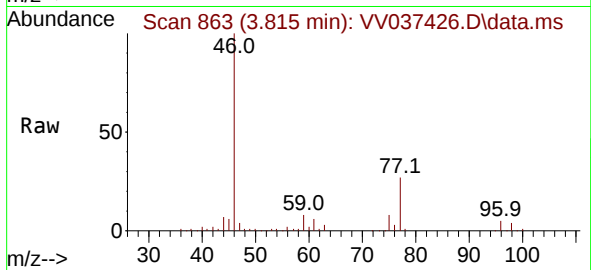




#22
 cis-1,2-Dichloroethene
 Concen: 0.339 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.009 min
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 Acq: 20 Sep 2024 12:36

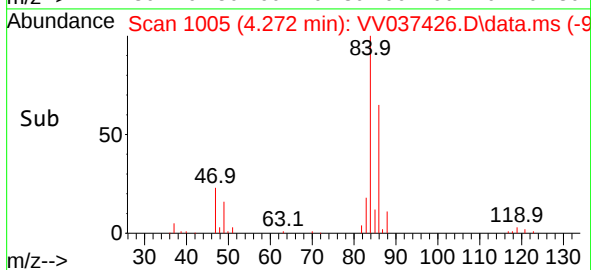
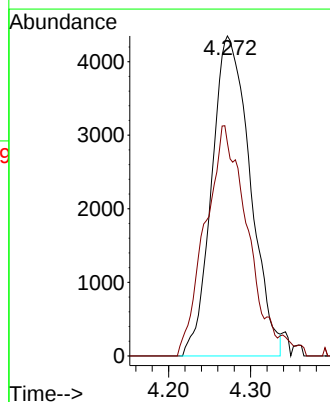
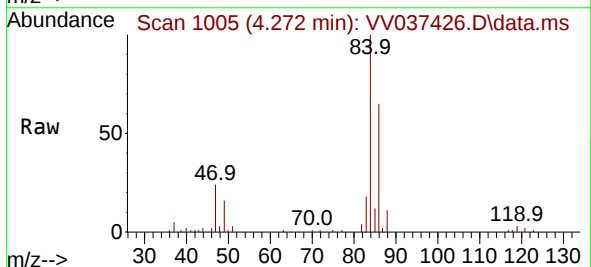
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B39

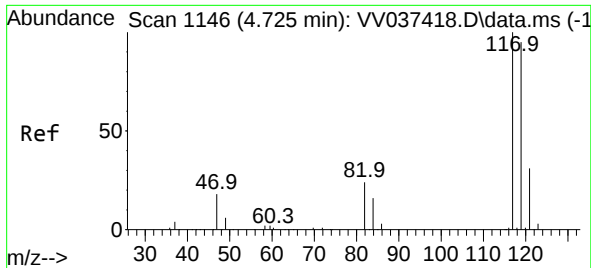
Tgt Ion: 96	Resp: 8018
Ion Ratio	Lower Upper
96 100	
61 119.7	87.6 162.6
98 73.2	44.9 83.5



#25
 Chloroform
 Concen: 0.337 ug/L
 RT: 4.272 min Scan# 1005
 Delta R.T. 0.006 min
 Lab File: VV037426.D
 Acq: 20 Sep 2024 12:36

Tgt Ion: 83	Resp: 14159
Ion Ratio	Lower Upper
83 100	
85 66.6	43.8 81.4

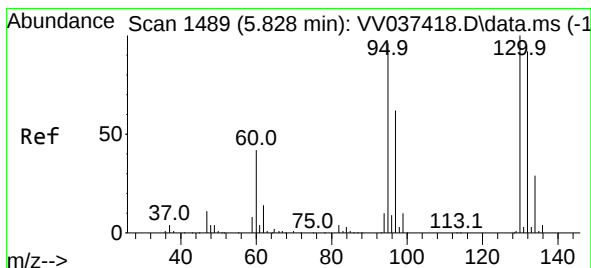
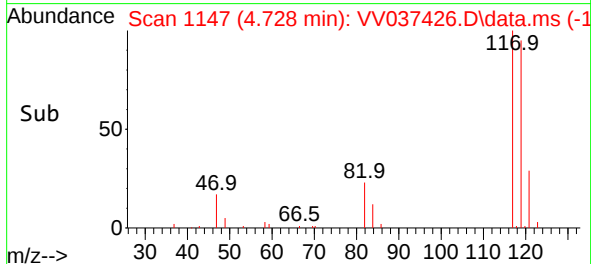
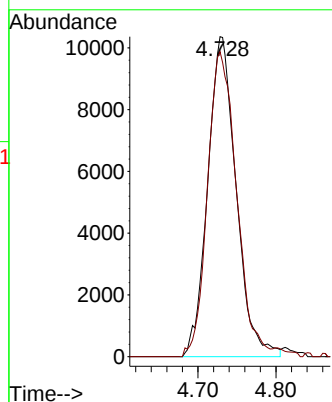
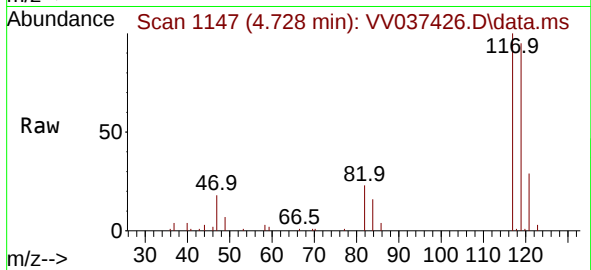




#31
Carbon tetrachloride
Concen: 0.856 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037426.D
Acq: 20 Sep 2024 12:36

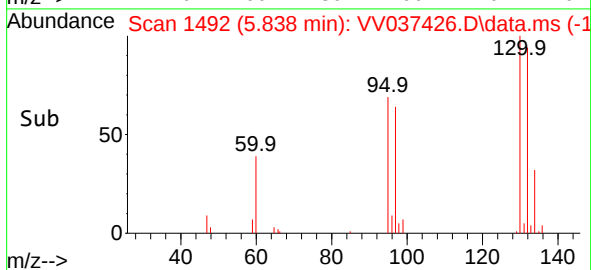
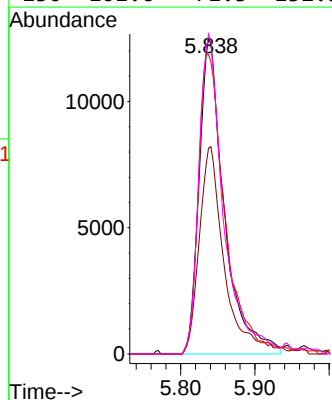
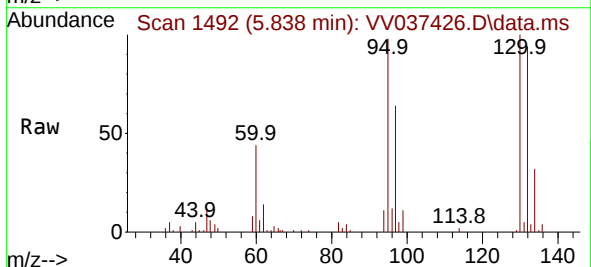
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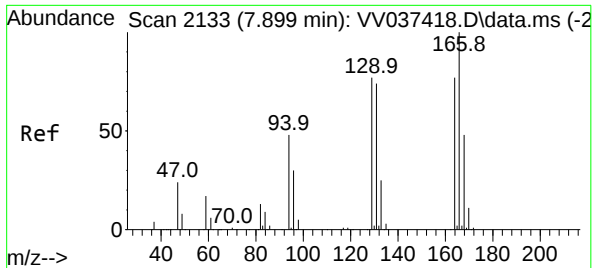
Tgt Ion:117 Resp: 26246
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#34
Trichloroethene
Concen: 1.187 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.009 min
Lab File: VV037426.D
Acq: 20 Sep 2024 12:36

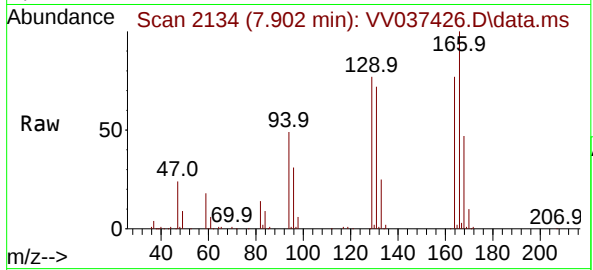
Tgt Ion: 95 Resp: 29283
Ion Ratio Lower Upper
95 100
97 65.3 46.5 86.5
132 95.0 65.5 121.7
130 101.6 71.3 132.3





#47
 Tetrachloroethene
 Concen: 4.516 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037426.D
 Acq: 20 Sep 2024 12:36

Instrument :
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Tgt Ion:	164	Resp:	79759
Ion	Ratio	Lower	Upper
164	100		
129	100.0	69.2	128.4
131	93.5	66.6	123.8
166	130.6	88.8	165.0

