

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039096.D
 Acq On : 16 Sep 2025 11:18
 Operator : SY/MD
 Sample : Q3084-18 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-2(20250911)

Quant Time: Sep 17 02:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

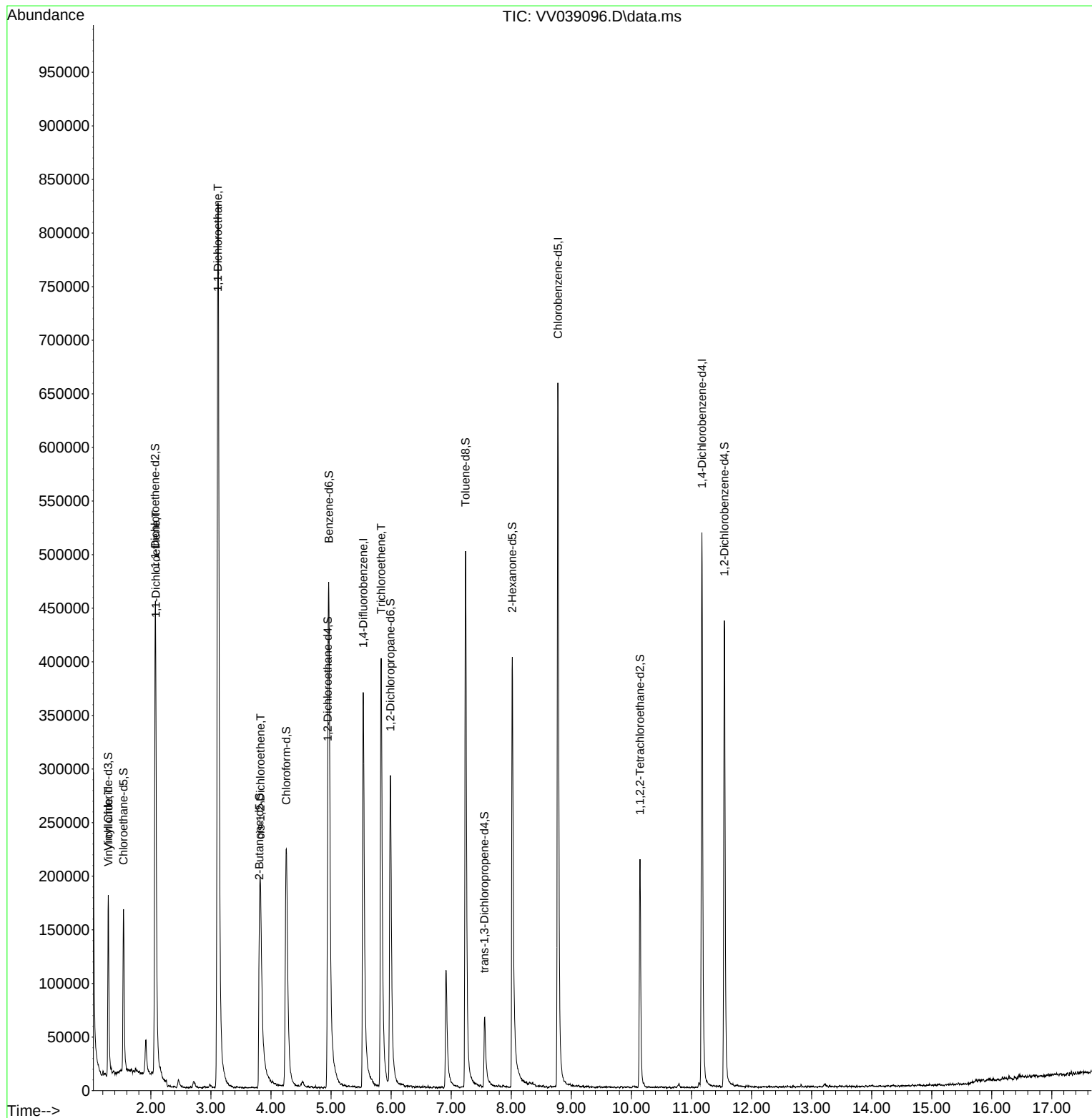
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	370112	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	382974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	141471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	131160	4.493	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.545	69	124870	4.936	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.073	65	62192	4.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	3.806	46	187225	43.184	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.360%	
24) Chloroform-d	4.256	84	283560	5.002	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	4.944	65	122579	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	4.963	84	496467	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	5.989	67	159273	5.085	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.240	98	373605	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.555	79	49706	4.338	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.018	63	155615	41.955	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.920%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	111539	4.988	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.548	152	118784	5.216	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.295	62	10007	0.247	ug/L #	64
12) 1,1-Dichloroethene	2.082	96	69136	2.275	ug/L #	59
19) 1,1-Dichloroethane	3.118	63	961080	16.940	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	89111	2.952	ug/L	98
34) Trichloroethene	5.835	95	166271	5.117	ug/L	97

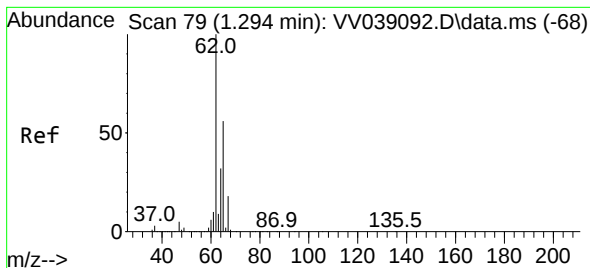
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 17 02:19:46 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.247 ug/L

RT: 1.295 min Scan# 79

Delta R.T. 0.000 min

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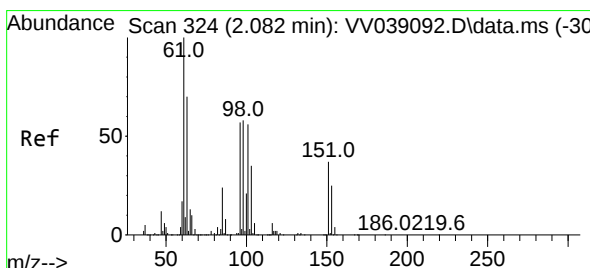
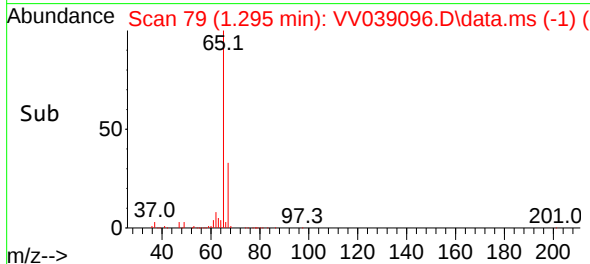
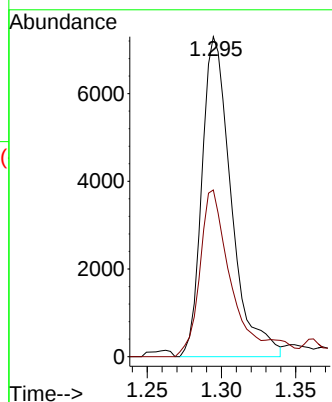
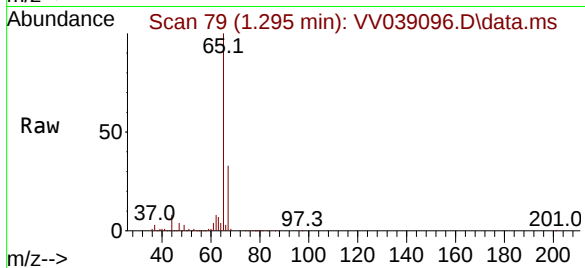
PMW-2(20250911)

Tgt Ion: 62 Resp: 10007

Ion Ratio Lower Upper

62 100

64 52.1 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 2.275 ug/L

RT: 2.082 min Scan# 324

Delta R.T. 0.000 min

Lab File: VV039096.D

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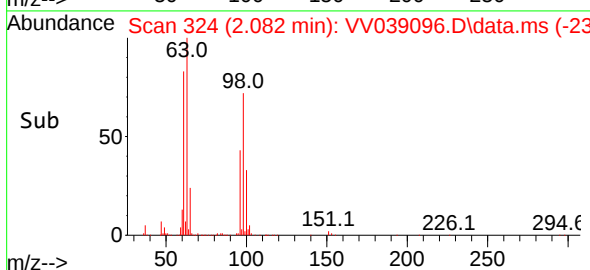
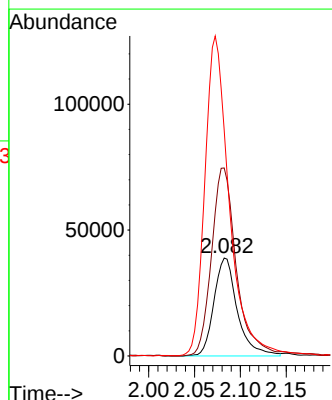
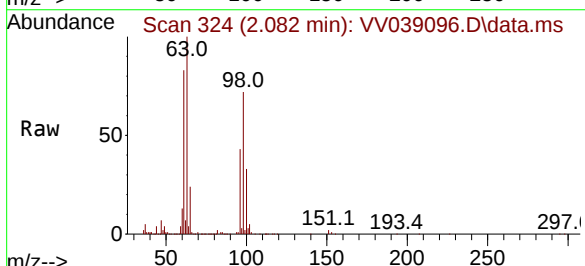
Tgt Ion: 96 Resp: 69136

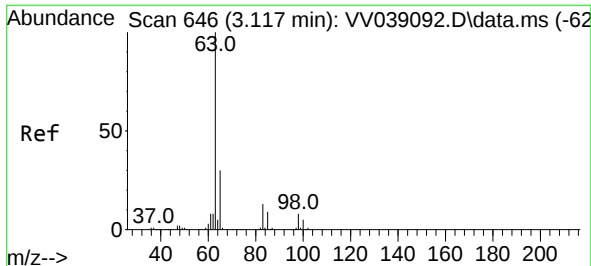
Ion Ratio Lower Upper

96 100

61 192.0 124.7 231.7

63 230.5 93.5 173.7#





#19

1,1-Dichloroethane

Concen: 16.940 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.000 min

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PMW-2(20250911)

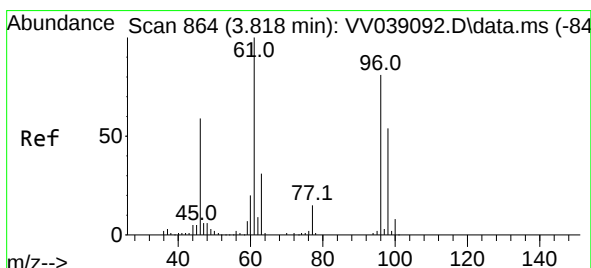
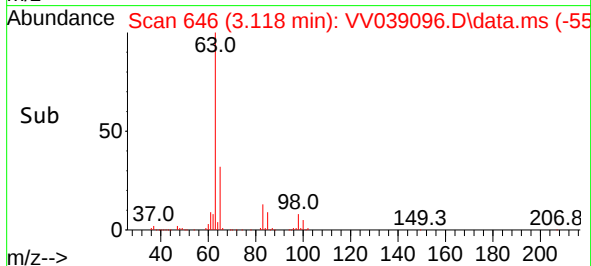
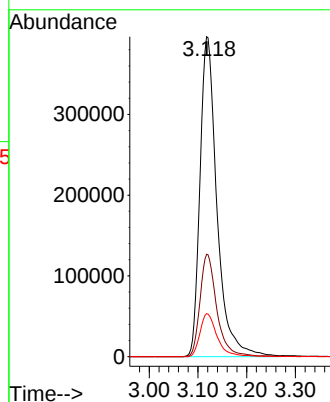
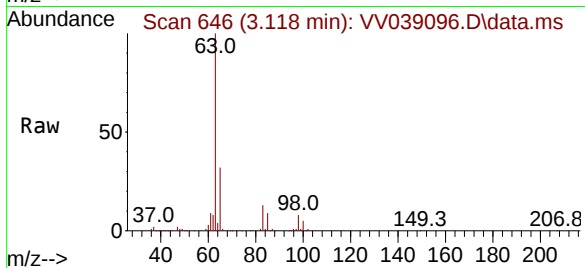
Tgt Ion: 63 Resp: 961080

Ion Ratio Lower Upper

63 100

65 32.0 21.5 39.9

83 13.4 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 2.952 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.007 min

Lab File: VV039096.D

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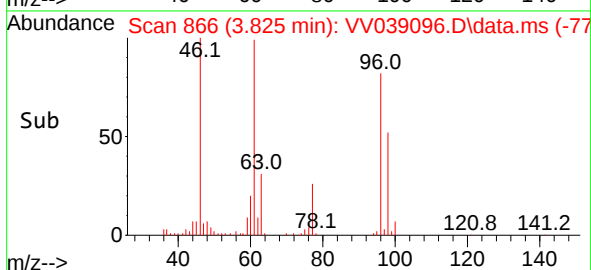
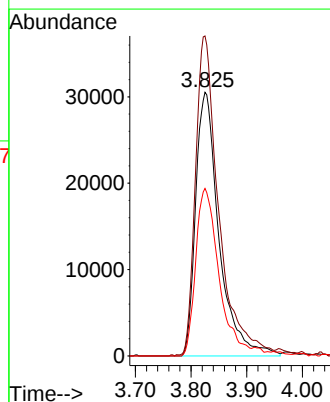
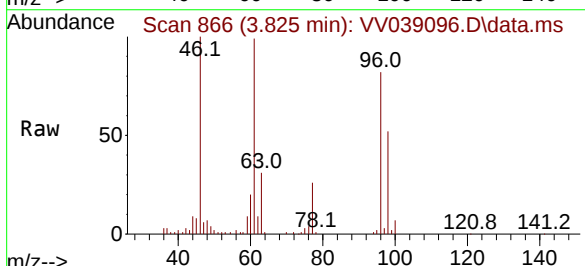
Tgt Ion: 96 Resp: 89111

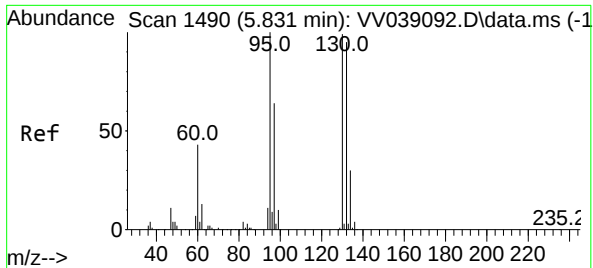
Ion Ratio Lower Upper

96 100

61 121.3 85.4 158.6

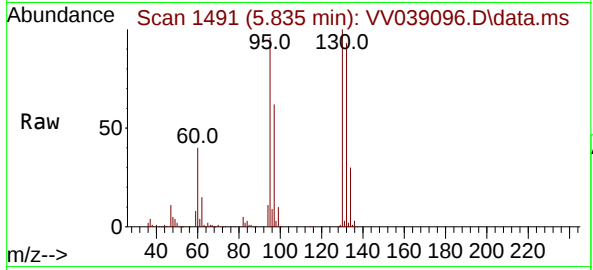
98 63.5 46.6 86.6





#34
 Trichloroethene
 Concen: 5.117 ug/L
 RT: 5.835 min Scan# 14
 Delta R.T. 0.003 min
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 MSVOA_V
 ClientSampleId :
 PMW-2(20250911)



Tgt Ion: 95 Resp: 166271

Ion	Ratio	Lower	Upper
95	100		
97	64.8	43.3	80.5
132	96.6	65.5	121.7
130	104.4	70.5	130.9

