

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039095.D
 Acq On : 16 Sep 2025 10:56
 Operator : SY/MD
 Sample : Q3084-06 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-6(20250910)

Quant Time: Sep 17 02:21:11 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)

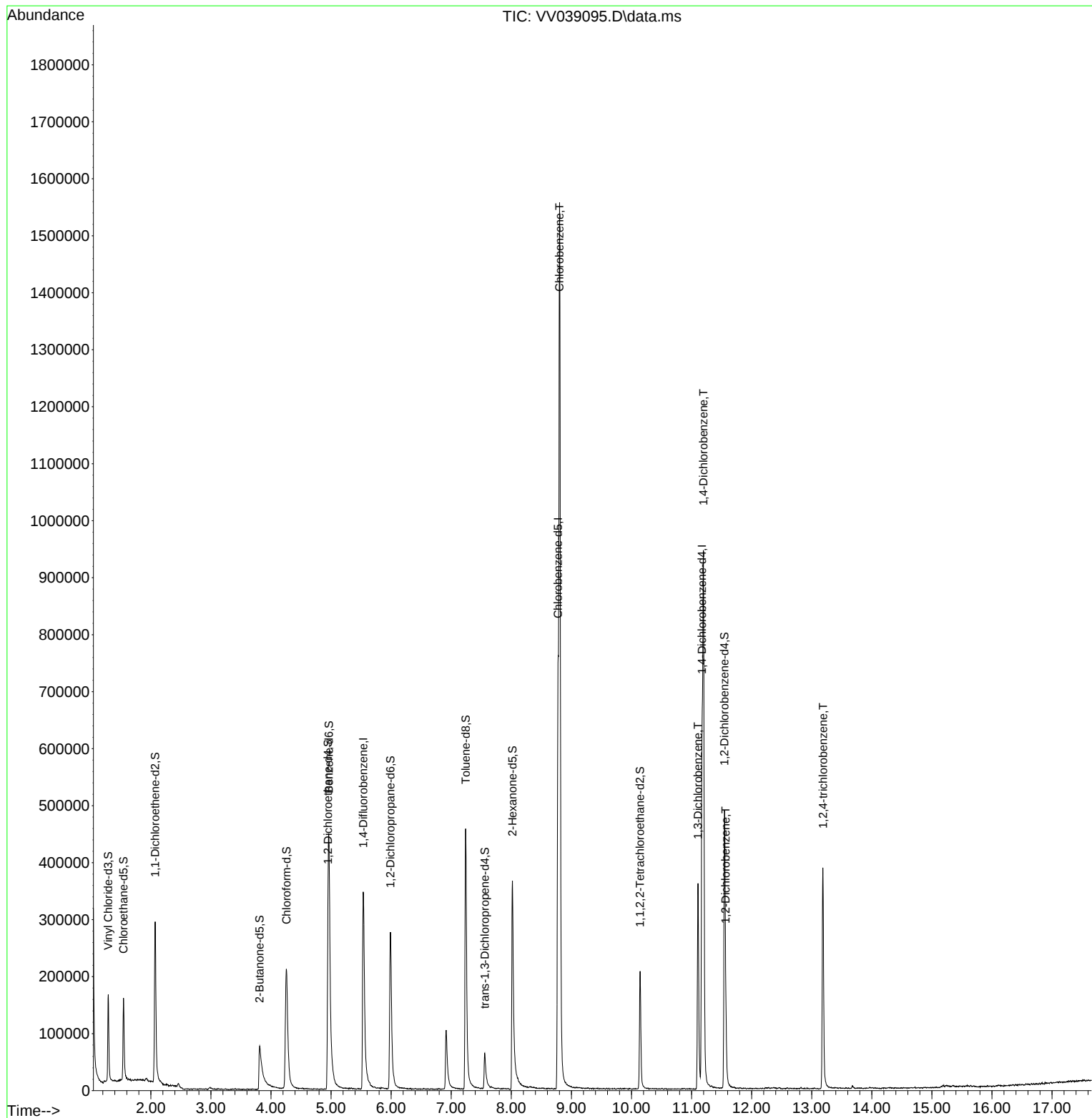
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	349664	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	370553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	147023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	127143	4.610	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.545	69	114296	4.783	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.072	65	57384	4.368	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.400%	
20) 2-Butanone-d5	3.809	46	165613	40.433	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.860%	
24) Chloroform-d	4.256	84	262857	4.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	4.947	65	117997	5.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	4.963	84	461156	4.548	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	5.989	67	151786	5.008	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.239	98	346866	3.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	7.558	79	45538	4.108	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.018	63	135685	37.808	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.620%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	106655	4.929	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.548	152	124070	5.243	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.802	112	855672	10.906	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	148262	3.090	ug/L	97
65) 1,4-Dichlorobenzene	11.197	146	370708	7.468	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	39601	0.931	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	114819	4.850	ug/L	94

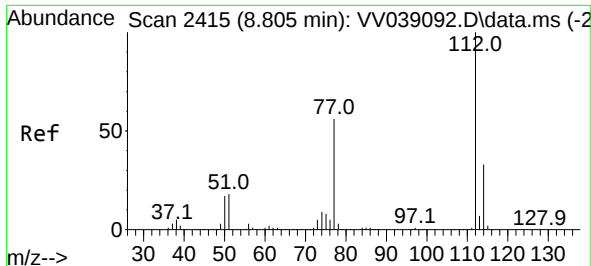
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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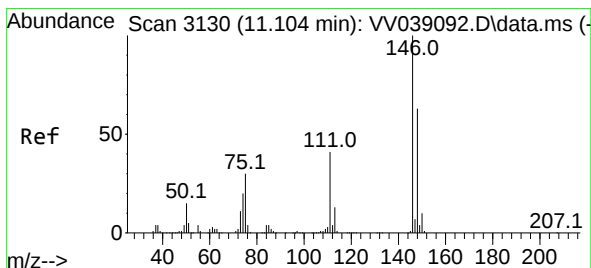
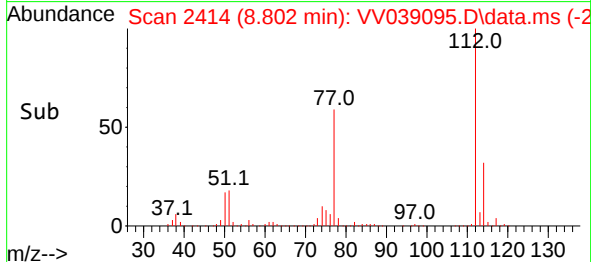
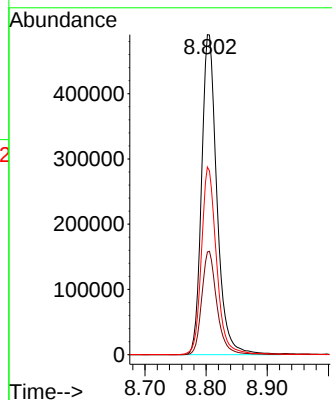
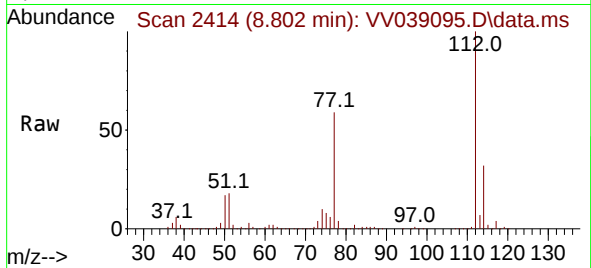




#51
Chlorobenzene
Concen: 10.906 ug/L
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039095.D
Acq: 16 Sep 2025 10:56

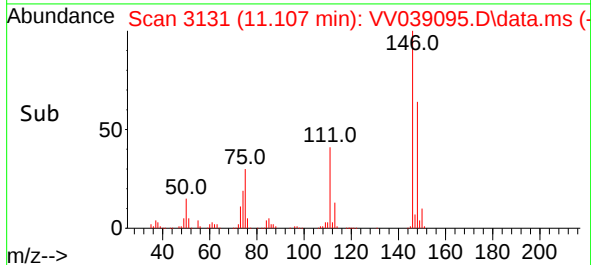
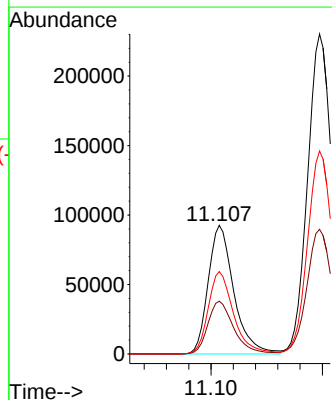
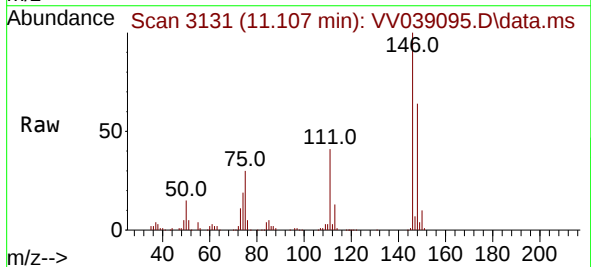
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PMW-6(20250910)

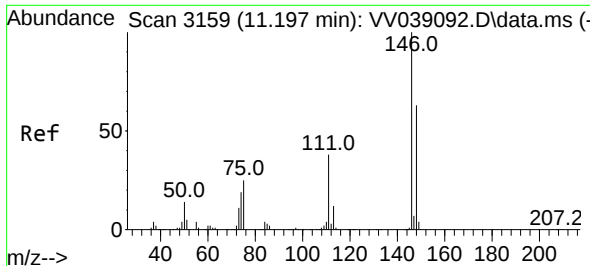
Tgt Ion:	112	Resp:	855672
Ion Ratio	Lower	Upper	
112	100		
114	32.1	23.0	42.6
77	58.6	46.6	69.8



#64
1,3-Dichlorobenzene
Concen: 3.090 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039095.D
Acq: 16 Sep 2025 10:56

Tgt Ion:	146	Resp:	148262
Ion Ratio	Lower	Upper	
146	100		
111	41.1	28.3	52.7
148	64.1	42.9	79.7

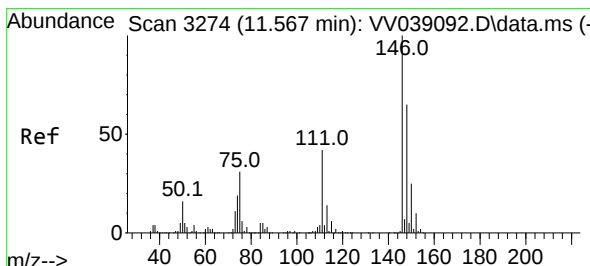
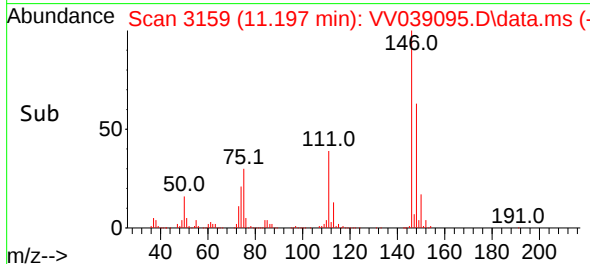
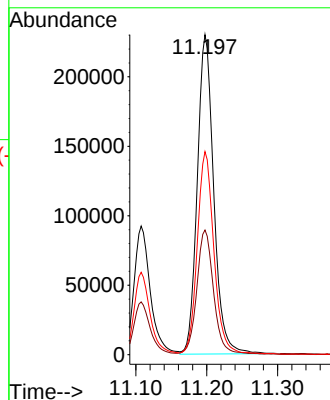
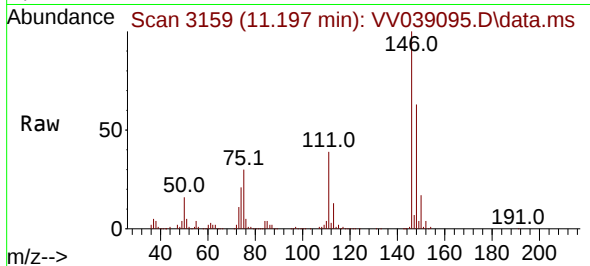




#65
1,4-Dichlorobenzene
Concen: 7.468 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV039095.D
Acq: 16 Sep 2025 10:56

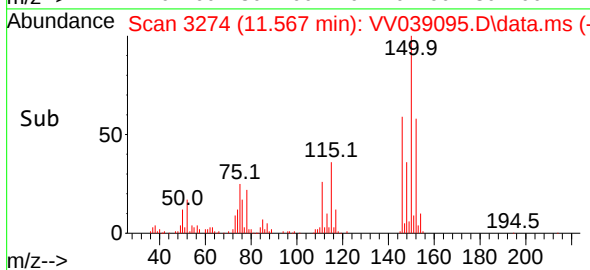
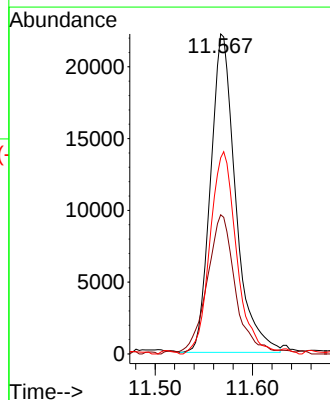
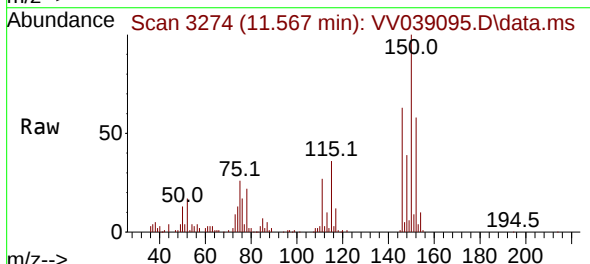
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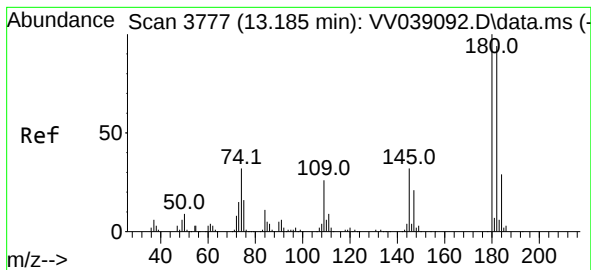
Tgt Ion:146 Resp: 370708
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.6
148 63.4 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 0.931 ug/L
RT: 11.567 min Scan# 3274
Delta R.T. -0.000 min
Lab File: VV039095.D
Acq: 16 Sep 2025 10:56

Tgt Ion:146 Resp: 39601
Ion Ratio Lower Upper
146 100
111 43.5 33.4 50.2
148 61.3 51.1 76.7





#70

1,2,4-trichlorobenzene

Concen: 4.850 ug/L

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039095.D

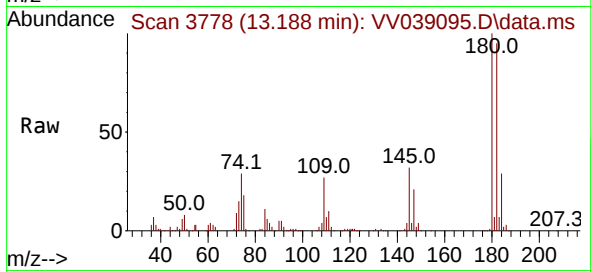
Acq: 16 Sep 2025 10:56

Instrument :

MSVOA_V

ClientSampleId :

PMW-6(20250910)



Tgt Ion:180 Resp: 114819

Ion Ratio Lower Upper

180 100

182 97.7 73.2 109.8

145 32.7 25.0 37.4

