

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039099.D
 Acq On : 16 Sep 2025 12:22
 Operator : SY/MD
 Sample : Q3084-01 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-9S(20250909)

Quant Time: Sep 17 02:22:10 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)

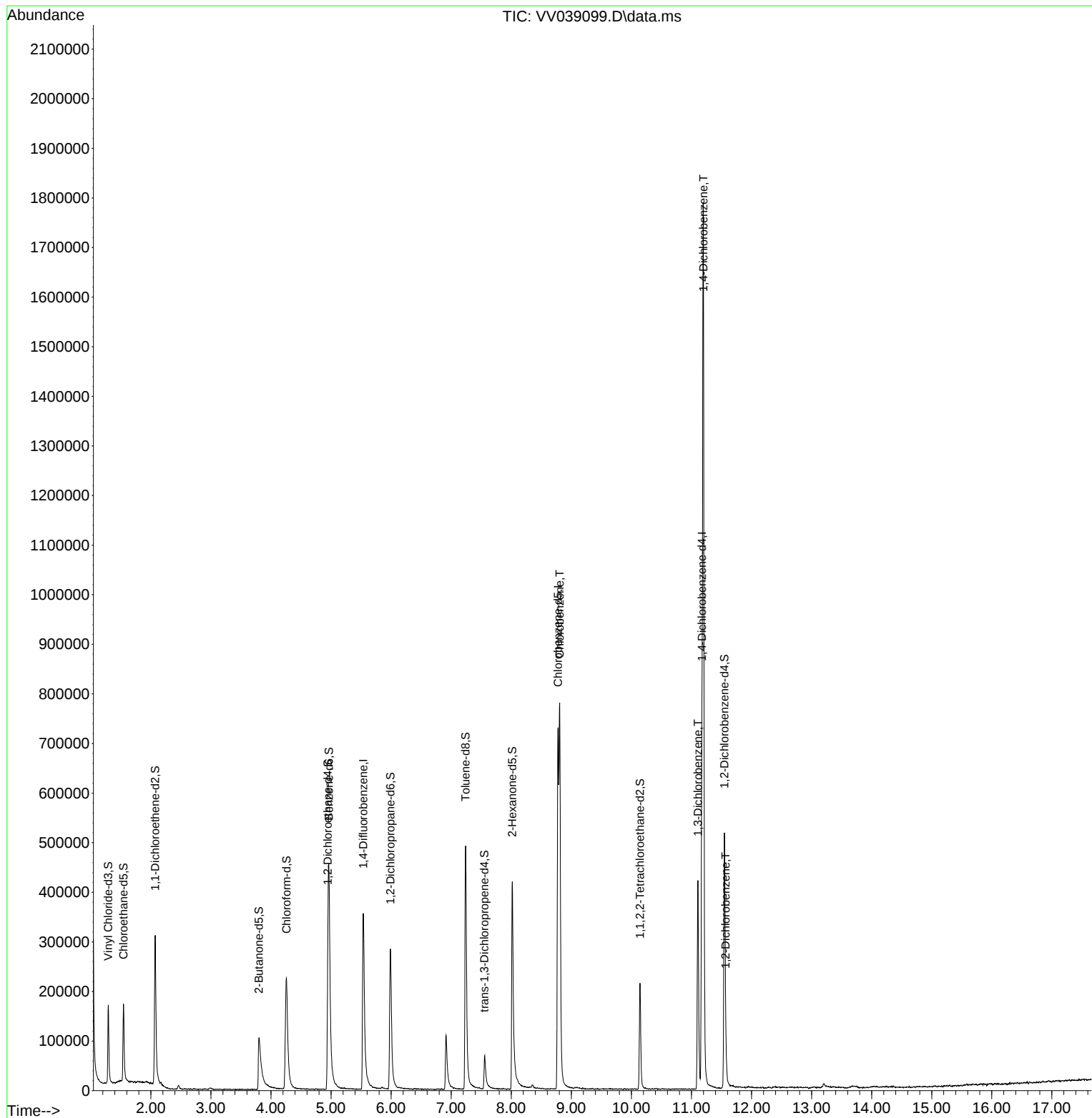
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	358483	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	376951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	157452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	129905	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.545	69	124803	5.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.072	65	60355	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.799	46	197169	46.952	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	4.256	84	279322	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.947	65	121585	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.963	84	480726	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.989	67	156936	5.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.239	98	360139	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.554	79	48450	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.017	63	160608	43.993	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	109879	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.548	152	130429	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
51) Chlorobenzene	8.805	112	438558	5.495	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	173166	3.370	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	704240	13.247	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	23048	0.506	ug/L	94

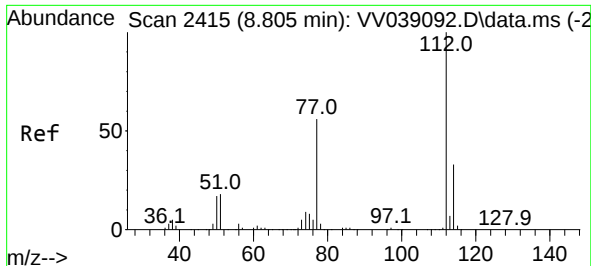
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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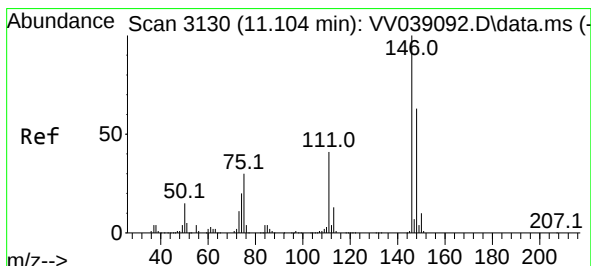
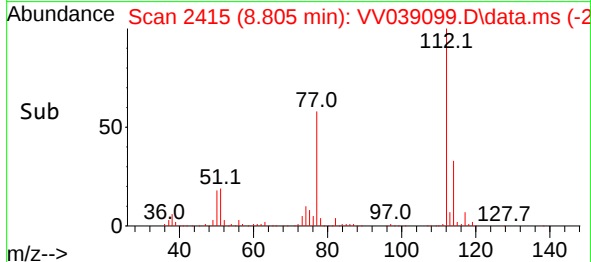
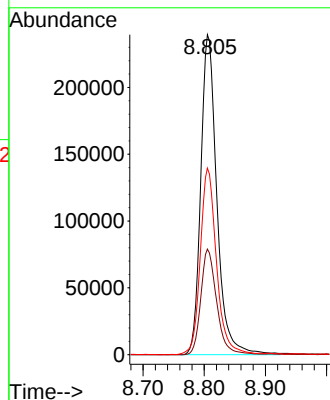
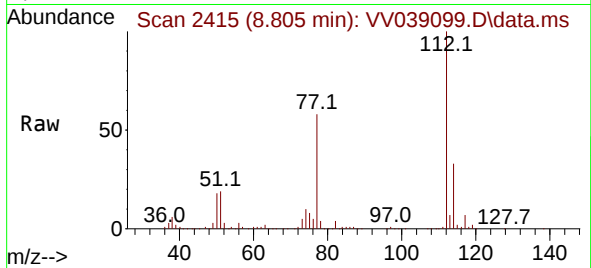




#51
Chlorobenzene
Concen: 5.495 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV039099.D
Acq: 16 Sep 2025 12:22

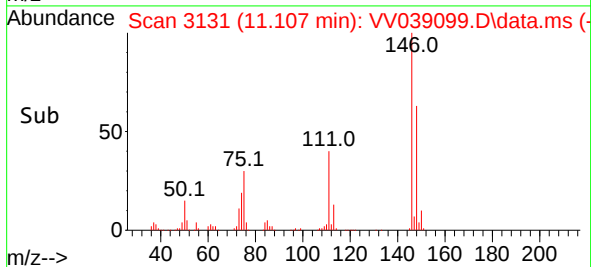
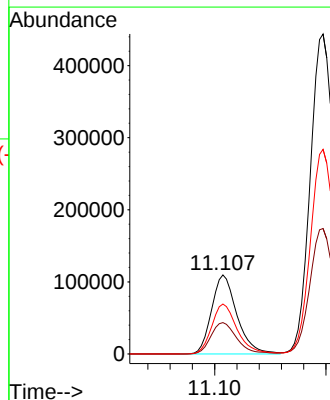
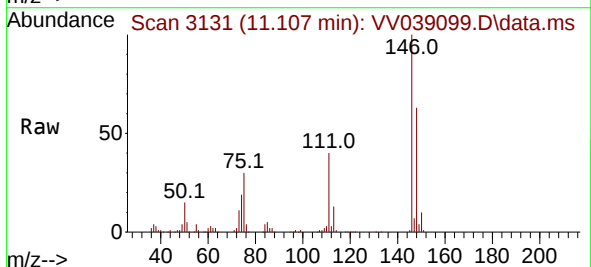
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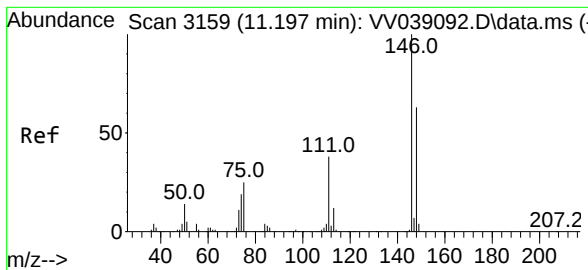
Tgt Ion:112 Resp: 438558
Ion Ratio Lower Upper
112 100
114 33.0 23.0 42.6
77 58.3 46.6 69.8



#64
1,3-Dichlorobenzene
Concen: 3.370 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039099.D
Acq: 16 Sep 2025 12:22

Tgt Ion:146 Resp: 173166
Ion Ratio Lower Upper
146 100
111 39.8 28.3 52.7
148 63.3 42.9 79.7





#65

1,4-Dichlorobenzene

Concen: 13.247 ug/L

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV039099.D

Acq: 16 Sep 2025 12:22

Instrument :

MSVOA_V

ClientSampleId :

PMW-9S(20250909)

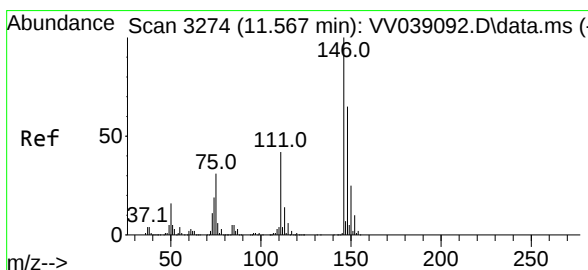
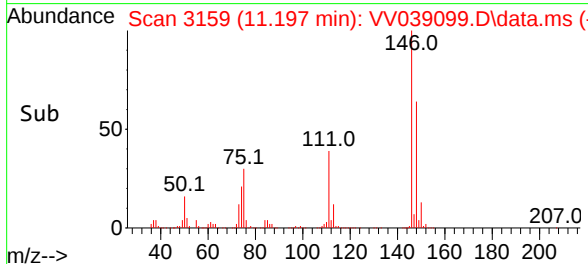
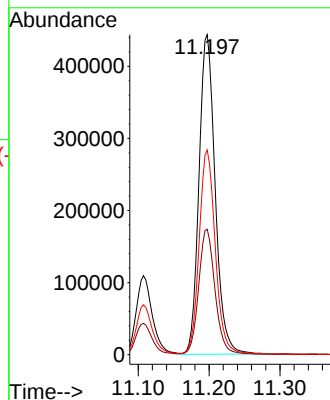
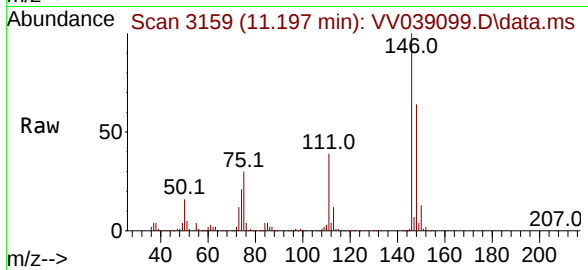
Tgt Ion:146 Resp: 704240

Ion Ratio Lower Upper

146 100

111 39.2 27.2 50.6

148 64.0 43.8 81.4



#67

1,2-Dichlorobenzene

Concen: 0.506 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. 0.003 min

Lab File: VV039099.D

Acq: 16 Sep 2025 12:22

Tgt Ion:146 Resp: 23048

Ion Ratio Lower Upper

146 100

111 43.9 33.4 50.2

148 70.0 51.1 76.7

