

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039114.D
 Acq On : 16 Sep 2025 17:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 02:26:21 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

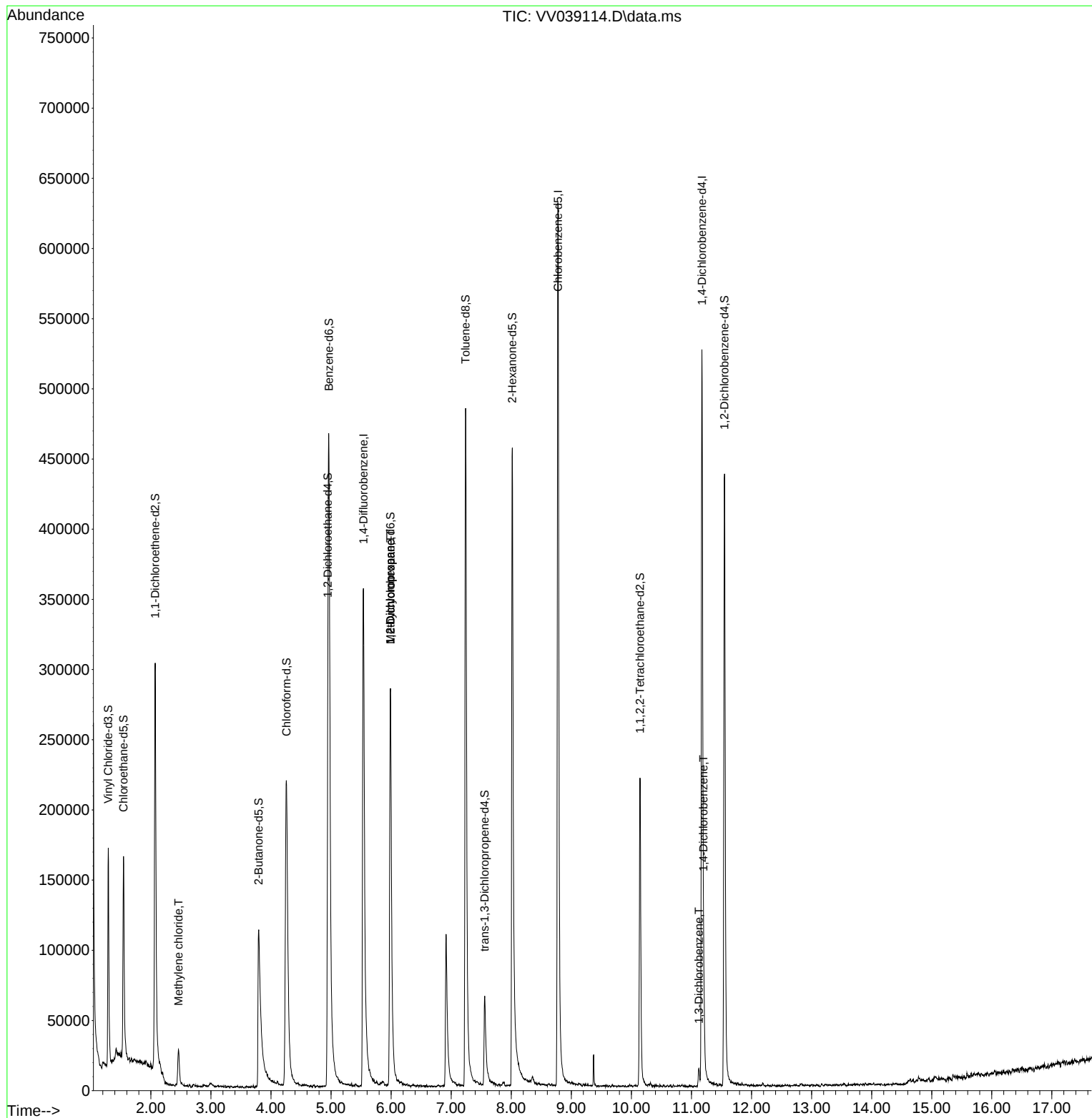
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	363185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	378540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	138111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	125847	4.394	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.545	69	122734	4.944	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.072	65	61089	4.477	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.796	46	210952	49.584	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.160%	
24) Chloroform-d	4.256	84	279989	5.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	4.947	65	121807	5.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	4.963	84	486892	4.701	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	5.989	67	157011	5.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.239	98	366148	3.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	7.558	79	50034	4.418	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.017	63	175069	47.753	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.500%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	116047	5.250	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	11.551	152	120650	5.427	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
16) Methylene chloride	2.461	84	12568	0.374	ug/L	91
35) Methylcyclohexane	5.989	83	38196	0.760	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	17178	0.556	ug/L #	90
64) 1,3-Dichlorobenzene	11.123	146	5146	0.114	ug/L	92
65) 1,4-Dichlorobenzene	11.201	146	29064	0.623	ug/L	93

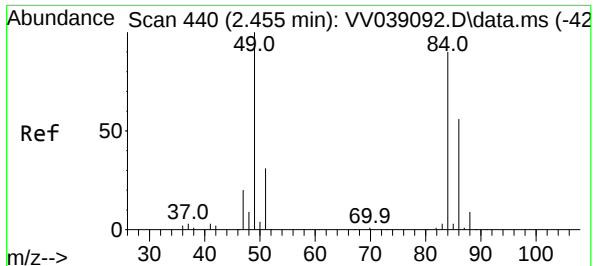
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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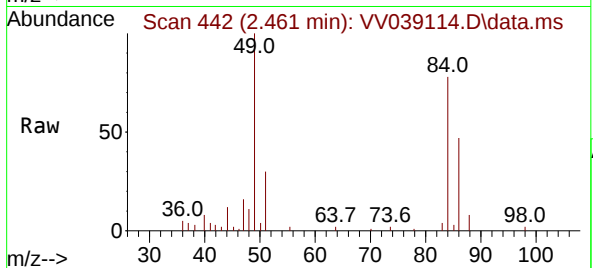
Quant Time: Sep 17 02:26:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
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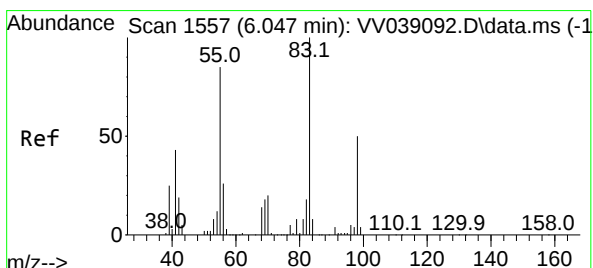
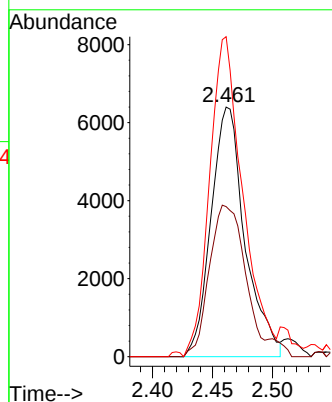
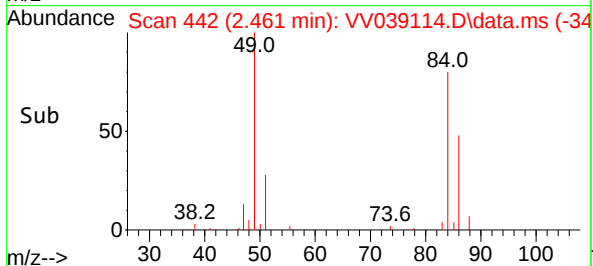


#16
Methylene chloride
Concen: 0.374 ug/L
RT: 2.461 min Scan# 44
Delta R.T. 0.006 min
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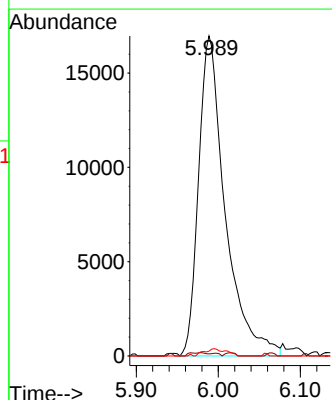
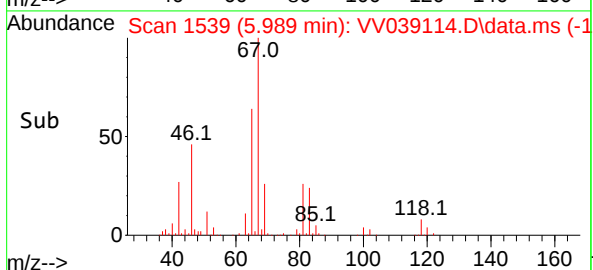
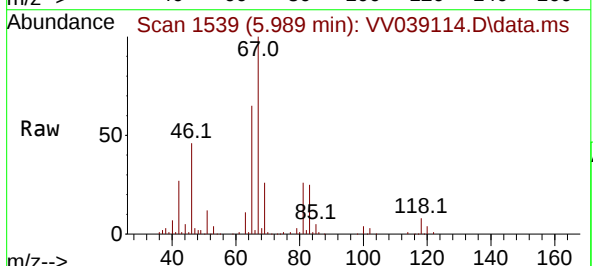


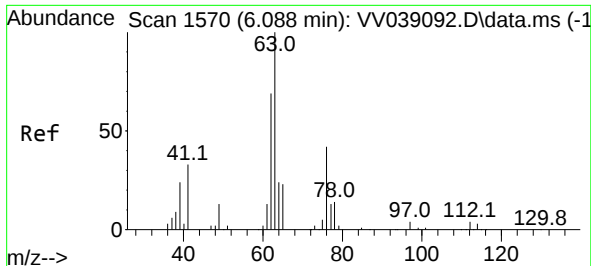
Tgt Ion: 84 Resp: 12568
Ion Ratio Lower Upper
84 100
86 60.1 44.2 82.2
49 128.2 80.6 149.6



#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV039114.D
Acq: 16 Sep 2025 17:46

Tgt Ion: 83 Resp: 38196
Ion Ratio Lower Upper
83 100
55 0.3 61.4 92.2#
98 1.8 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.556 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV039114.D

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Instrument :

MSVOA_V

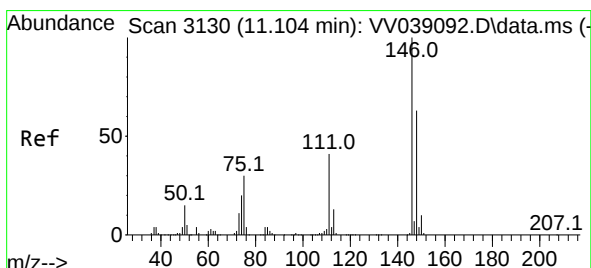
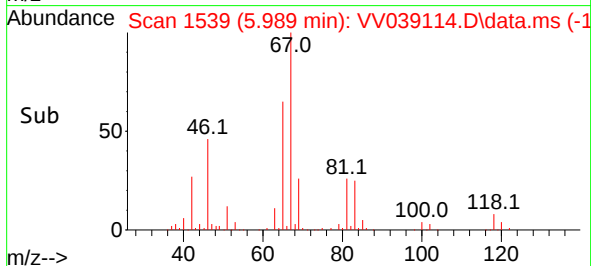
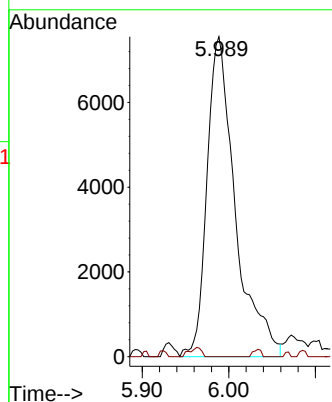
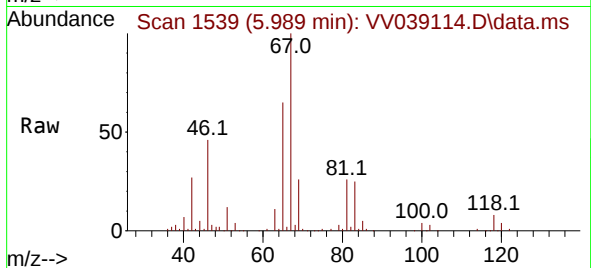
ClientSampleId :

Tgt Ion: 63 Resp: 17178

Ion Ratio Lower Upper

63 100

112 1.2 3.6 5.4#



#64

1,3-Dichlorobenzene

Concen: 0.114 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.019 min

Lab File: VV039114.D

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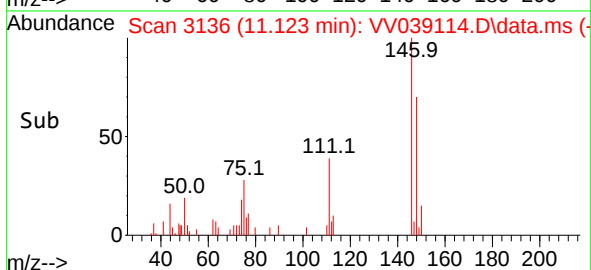
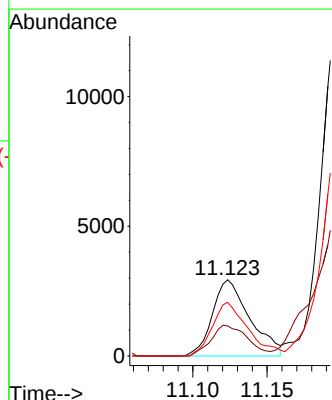
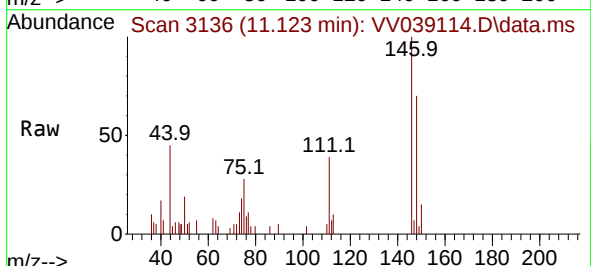
Tgt Ion:146 Resp: 5146

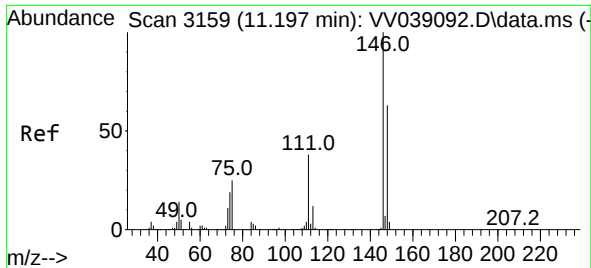
Ion Ratio Lower Upper

146 100

111 39.5 28.3 52.7

148 70.3 42.9 79.7





#65

1,4-Dichlorobenzene

Concen: 0.623 ug/L

RT: 11.201 min Scan# 31

Delta R.T. 0.003 min

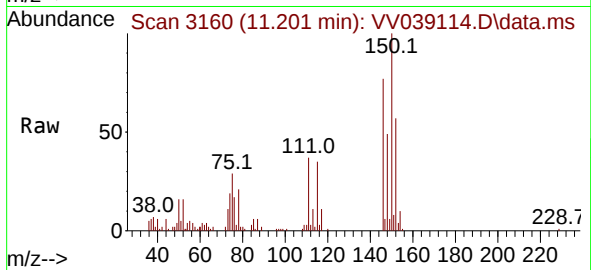
Lab File: VV039114.D

Acq: 16 Sep 2025 17:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	146	Resp:	29064
Ion Ratio	Lower	Upper	
146	100		
111	47.9	27.2	50.6
148	64.1	43.8	81.4

