

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039103.D
 Acq On : 16 Sep 2025 13:49
 Operator : SY/MD
 Sample : Q3084-10 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DUP(20250910)

Quant Time: Sep 17 02:23:16 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)

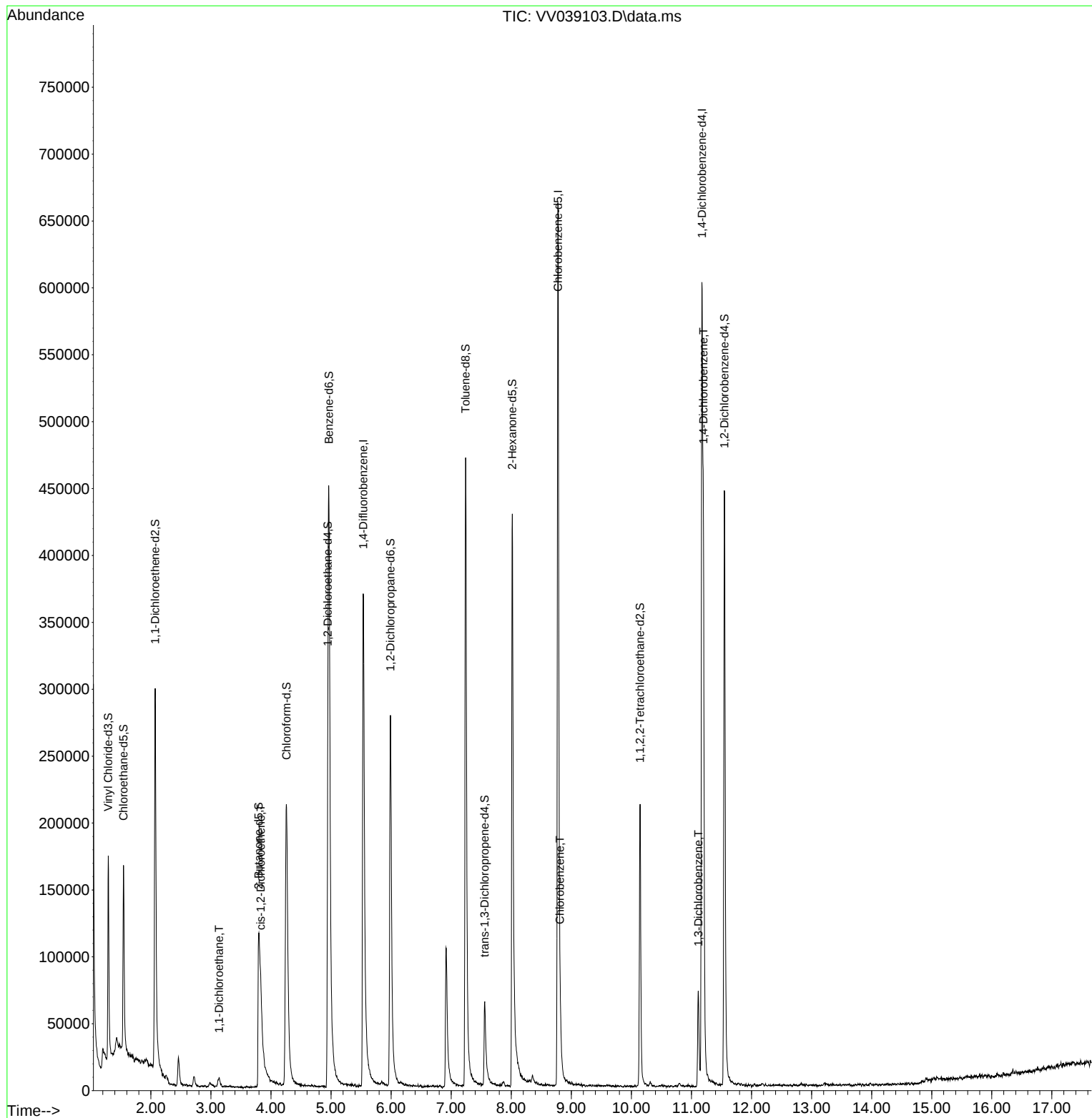
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	374916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	384985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	146740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	124810	4.221	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.545	69	114590	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.073	65	58931	4.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.796	46	215560	49.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.160%
24) Chloroform-d	4.256	84	270350	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	114736	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	4.963	84	465725	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.989	67	152808	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.240	98	352700	3.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.558	79	45724	3.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.018	63	161636	43.351	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.700%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	108259	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	119785	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
19) 1,1-Dichloroethane	3.137	63	7553	0.131	ug/L	95
22) cis-1,2-Dichloroethene	3.828	96	21775	0.712	ug/L	92
51) Chlorobenzene	8.812	112	28310	0.347	ug/L	91
64) 1,3-Dichlorobenzene	11.114	146	30133	0.629	ug/L	90
65) 1,4-Dichlorobenzene	11.198	146	163676	3.303	ug/L	100

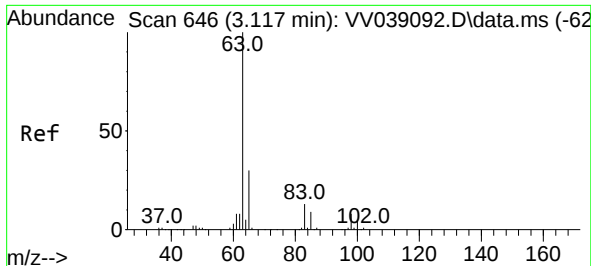
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#19

1,1-Dichloroethane

Concen: 0.131 ug/L

RT: 3.137 min Scan# 61

Delta R.T. 0.019 min

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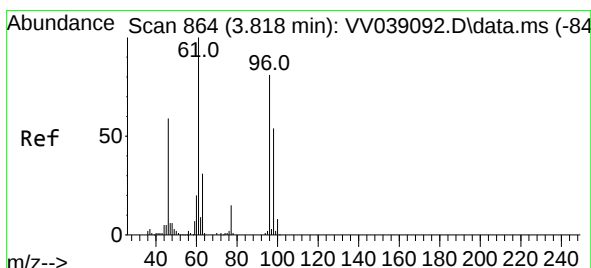
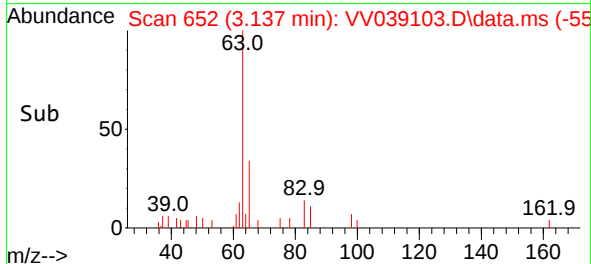
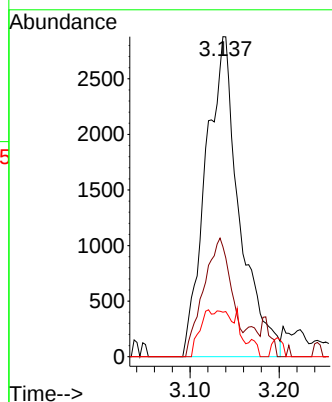
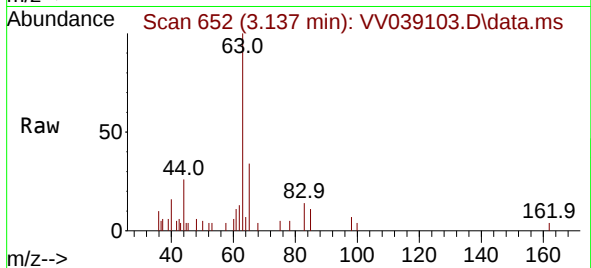
Tgt Ion: 63 Resp: 7553

Ion Ratio Lower Upper

63 100

65 34.4 21.5 39.9

83 13.9 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 0.712 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.010 min

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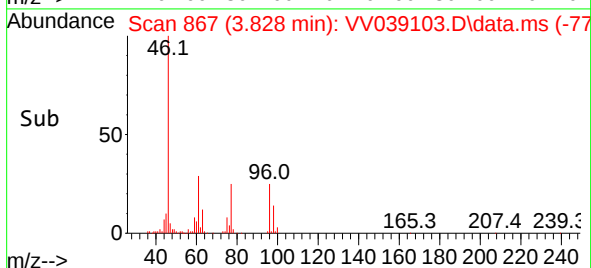
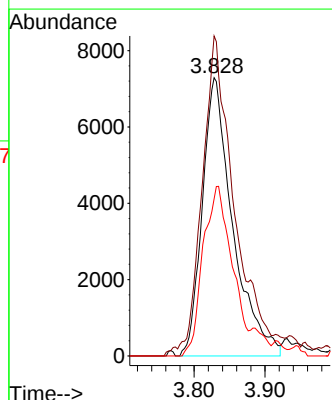
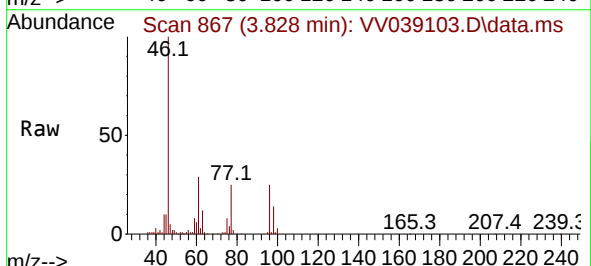
Tgt Ion: 96 Resp: 21775

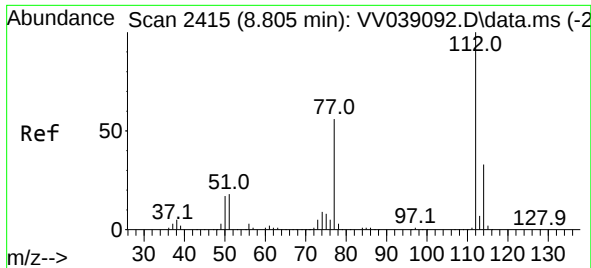
Ion Ratio Lower Upper

96 100

61 115.0 85.4 158.6

98 56.5 46.6 86.6

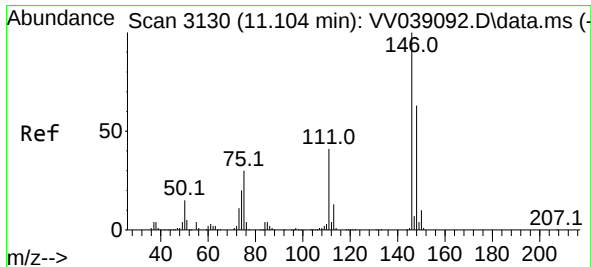
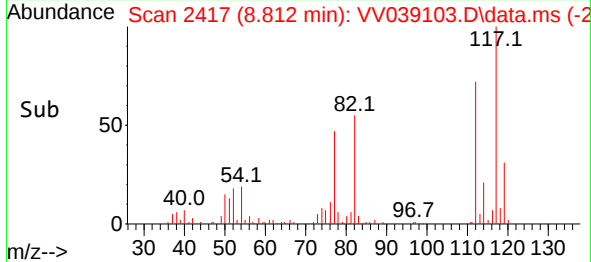
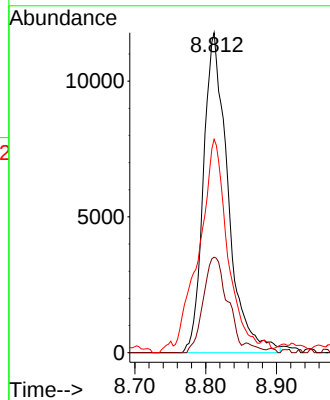
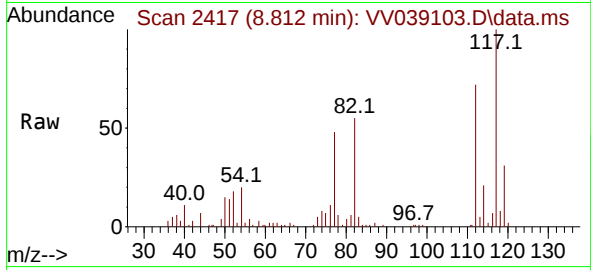




#51
Chlorobenzene
Concen: 0.347 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV039103.D
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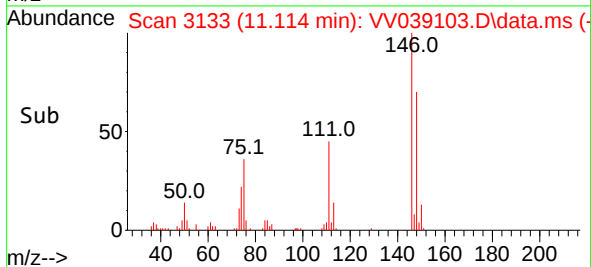
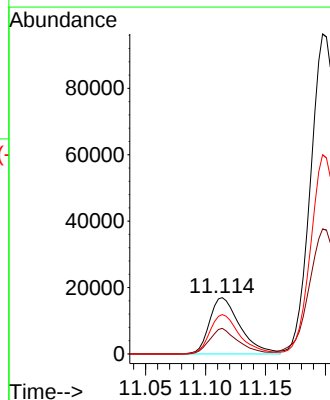
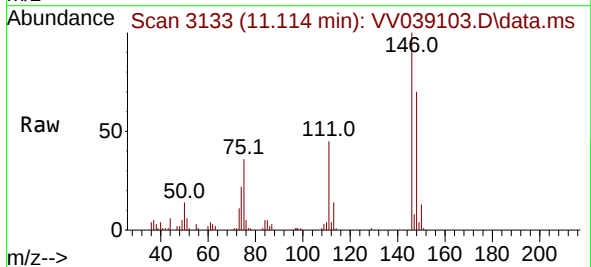
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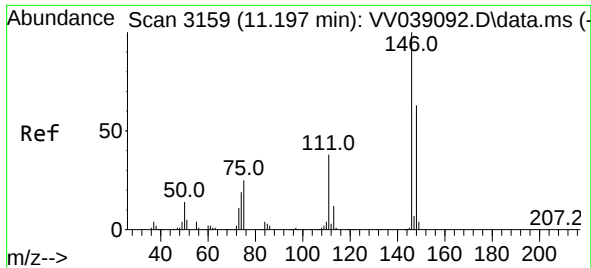
Tgt Ion:112	Resp:	28310
Ion Ratio	Lower	Upper
112	100	
114	29.8	23.0 42.6
77	66.7	46.6 69.8



#64
1,3-Dichlorobenzene
Concen: 0.629 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV039103.D
Acq: 16 Sep 2025 13:49

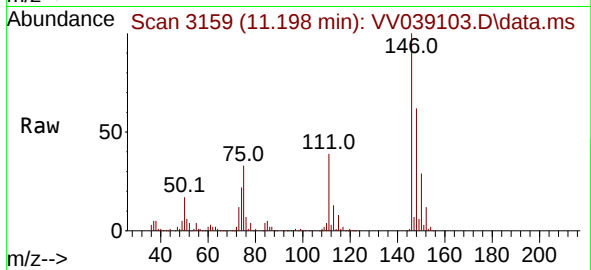
Tgt Ion:146	Resp:	30133
Ion Ratio	Lower	Upper
146	100	
111	45.3	28.3 52.7
148	69.8	42.9 79.7





#65
 1,4-Dichlorobenzene
 Concen: 3.303 ug/L
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV039103.D
 Acq: 16 Sep 2025 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 DUP(20250910)



Tgt Ion:	146	Resp:	163676
Ion Ratio	Lower	Upper	
146	100		
111	39.0	27.2	50.6
148	62.3	43.8	81.4

