

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039081.D
 Acq On : 15 Sep 2025 16:03
 Operator : SY/MD
 Sample : Q3084-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-10(20250910)

Quant Time: Sep 16 02:24:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

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

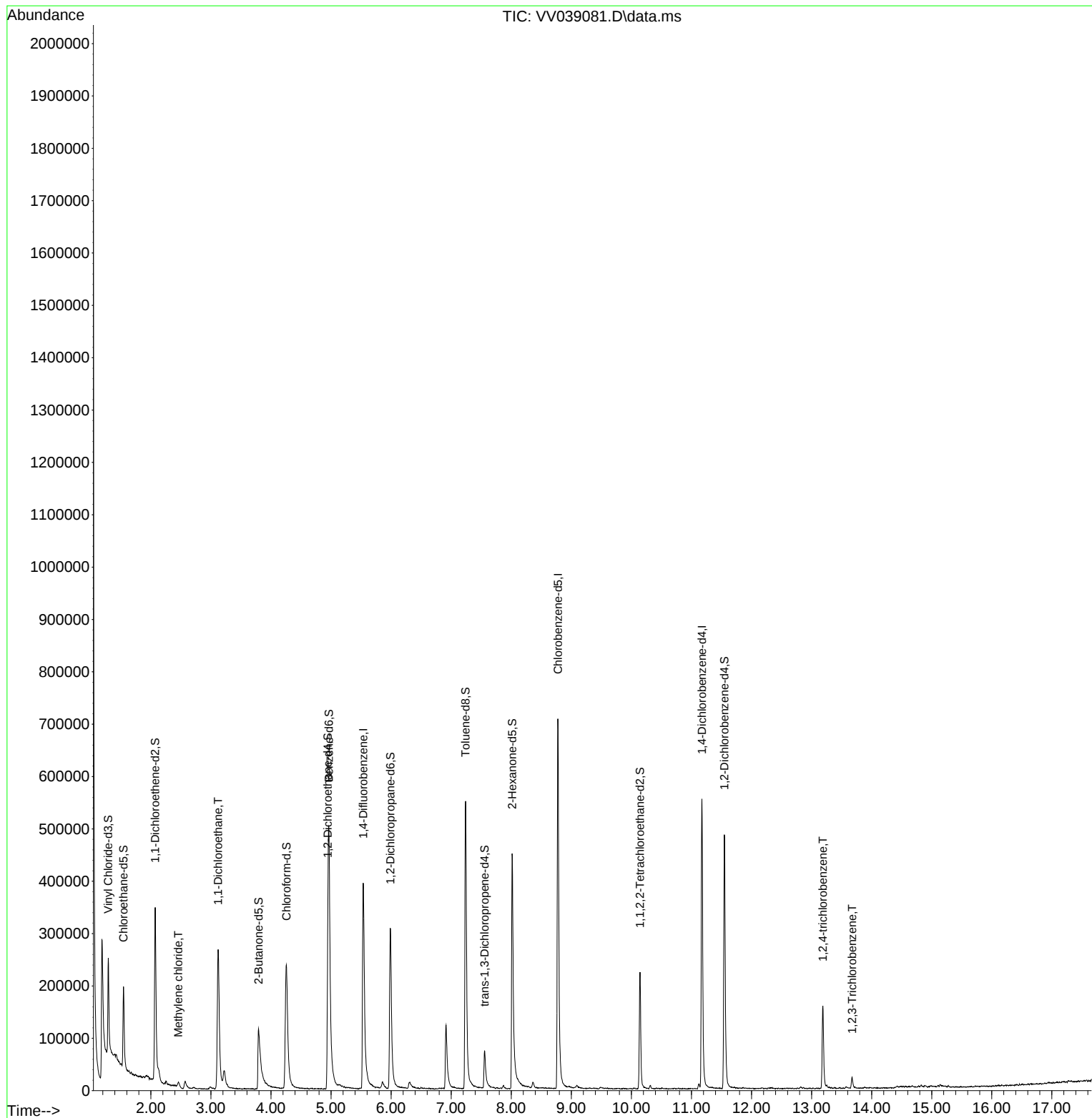
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	397530	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	413218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	151026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	148887	4.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.545	69	129979	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.073	65	66793	4.472	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.793	46	202243	43.430	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.860%
24) Chloroform-d	4.256	84	299862	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.947	65	125971	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.963	84	535775	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.989	67	170584	5.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.239	98	420444	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.558	79	52662	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.014	63	175517	43.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	115914	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.548	152	132342	5.444	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
16) Methylene chloride	2.458	84	5594	0.152	ug/L	85
19) 1,1-Dichloroethane	3.121	63	313004	5.136	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	50775	2.088	ug/L	97
72) 1,2,3-Trichlorobenzene	13.677	180	6631	0.306	ug/L	96

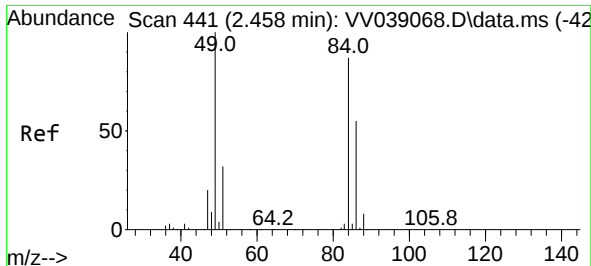
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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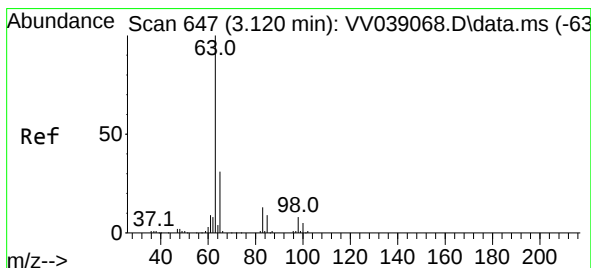
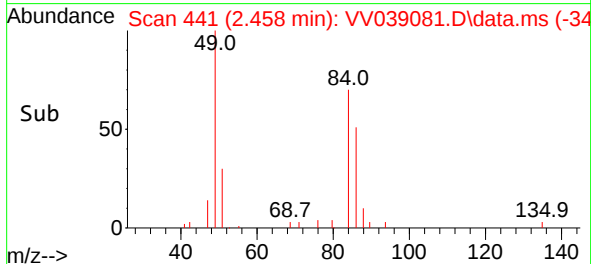
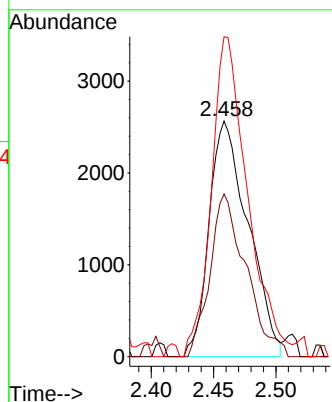
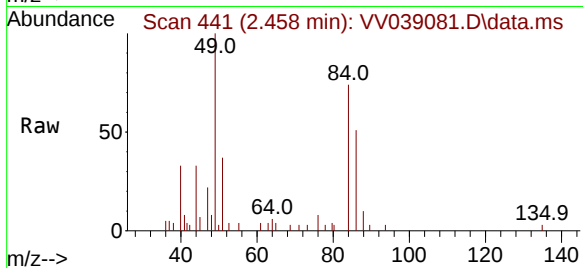




#16
Methylene chloride
Concen: 0.152 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039081.D
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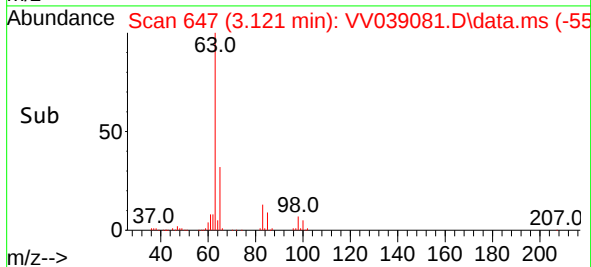
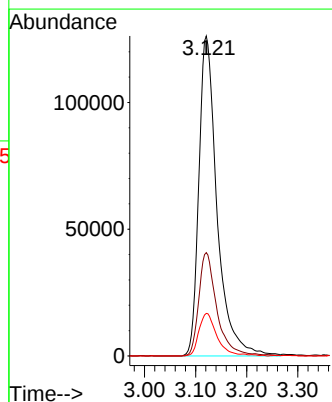
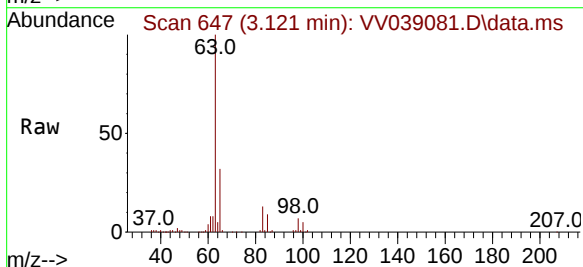
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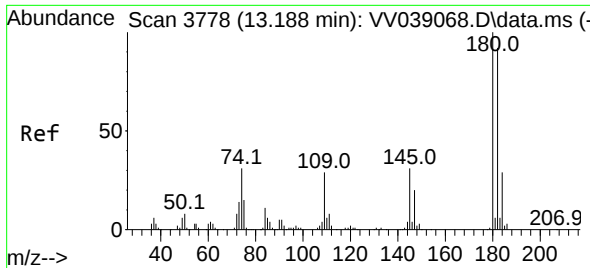
Tgt Ion: 84 Resp: 5594
Ion Ratio Lower Upper
84 100
86 69.0 44.2 82.2
49 135.9 80.6 149.6



#19
1,1-Dichloroethane
Concen: 5.136 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV039081.D
Acq: 15 Sep 2025 16:03

Tgt Ion: 63 Resp: 313004
Ion Ratio Lower Upper
63 100
65 32.3 21.5 39.9
83 13.3 9.2 17.2

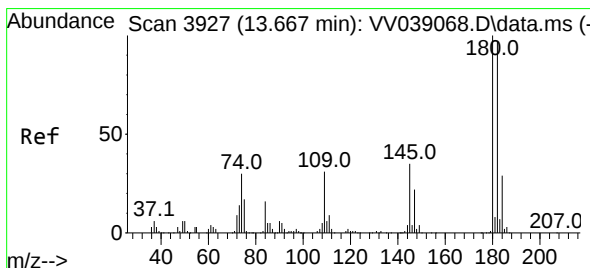
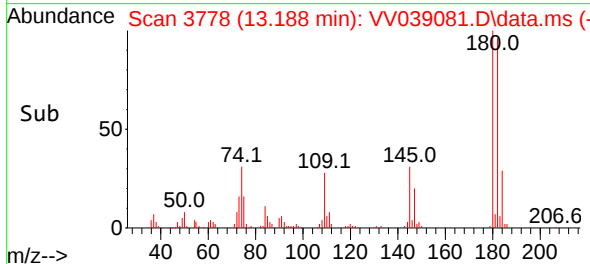
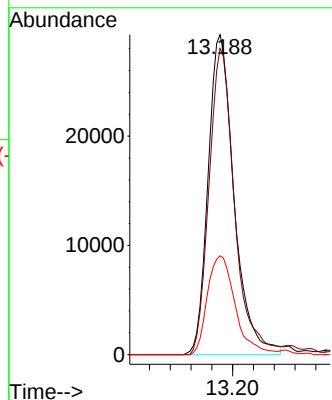
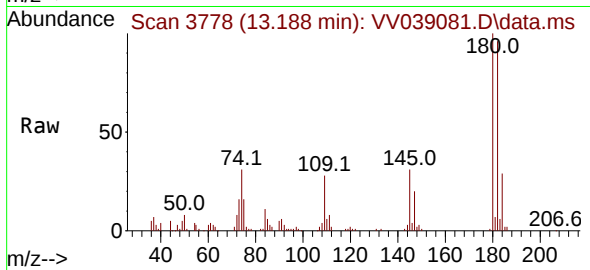




#70
 1,2,4-trichlorobenzene
 Concen: 2.088 ug/L
 RT: 13.188 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039081.D
 Acq: 15 Sep 2025 16:03

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Tgt Ion:180 Resp: 50775
 Ion Ratio Lower Upper
 180 100
 182 94.2 73.2 109.8
 145 33.2 25.0 37.4



#72
 1,2,3-Trichlorobenzene
 Concen: 0.306 ug/L
 RT: 13.677 min Scan# 3930
 Delta R.T. 0.010 min
 Lab File: VV039081.D
 Acq: 15 Sep 2025 16:03

Tgt Ion:180 Resp: 6631
 Ion Ratio Lower Upper
 180 100
 182 91.3 76.6 115.0
 145 35.7 27.4 41.2

