

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111725\
 Data File : VV039391.D
 Acq On : 17 Nov 2025 14:57
 Operator : SY/MD
 Sample : VV1117MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK272

Quant Time: Nov 18 01:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:21:06 2025
 Response via : Initial Calibration

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

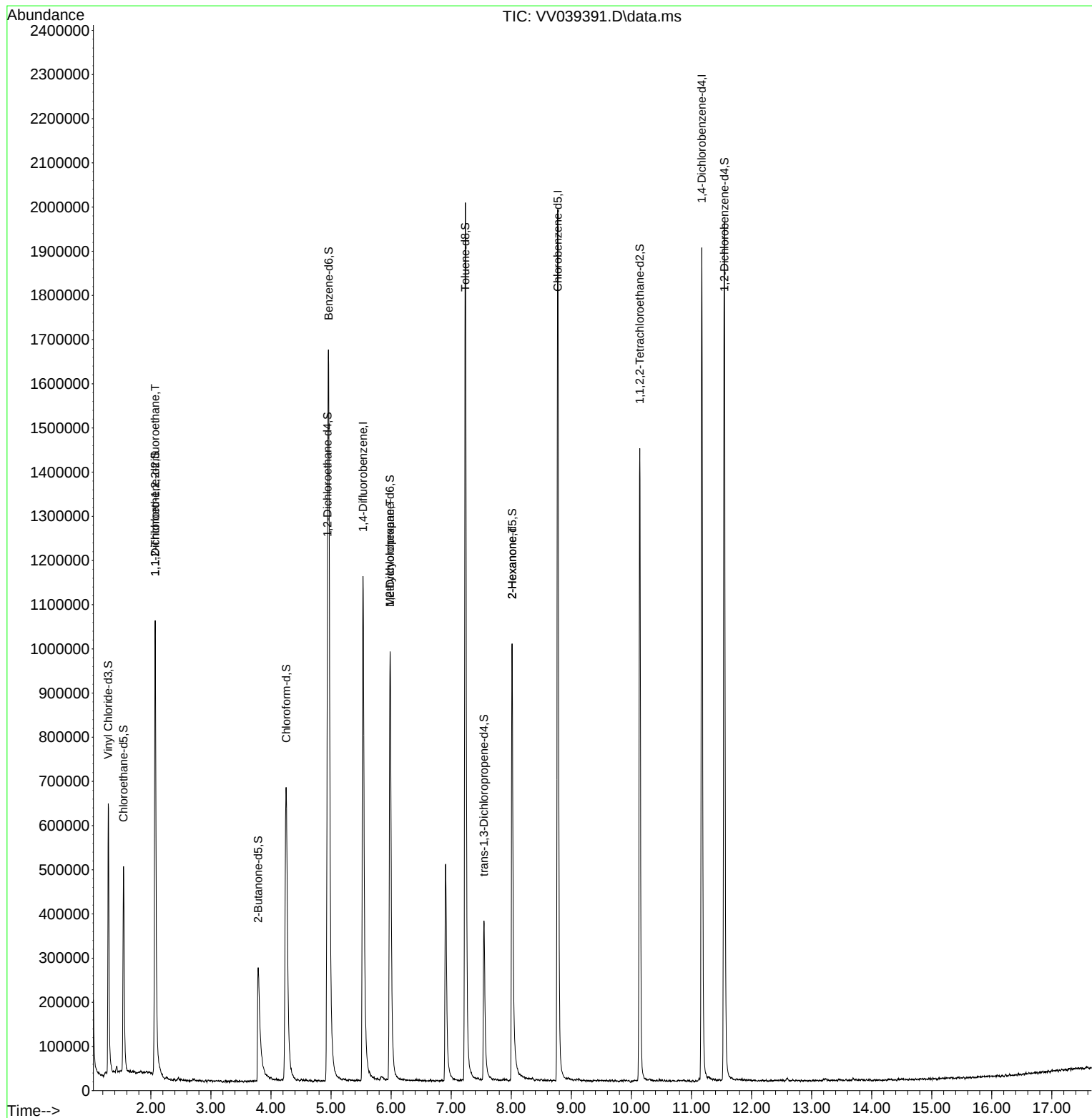
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	1107302	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1131599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	524512	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	513781	47.610	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.220%		
7) Chloroethane-d5	1.545	69	387425	48.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.180%		
11) 1,1-Dichloroethene-d2	2.072	65	215907	47.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.060%		
21) 2-Butanone-d5	3.786	46	470728	82.613	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.610%		
24) Chloroform-d	4.252	84	821030	45.907	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.820%		
26) 1,2-Dichloroethane-d4	4.940	65	526133	47.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.540%		
32) Benzene-d6	4.960	84	1624013	48.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
36) 1,2-Dichloropropane-d6	5.982	67	503436	47.791	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.580%		
41) Toluene-d8	7.236	98	1416876	45.452	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.900%		
43) trans-1,3-Dichloroprop...	7.545	79	233291	43.894	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.780%		
47) 2-Hexanone-d5	8.014	63	351324	87.301	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.300%		
56) 1,1,2,2-Tetrachloroeth...	10.140	84	687194	44.629	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.260%		
66) 1,2-Dichlorobenzene-d4	11.548	152	537023	54.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	7163	0.759	ug/L #	23
35) Methylcyclohexane	5.982	83	123149	8.779	ug/L #	18
48) 2-Hexanone	8.014	43	43634	4.158	ug/L #	67

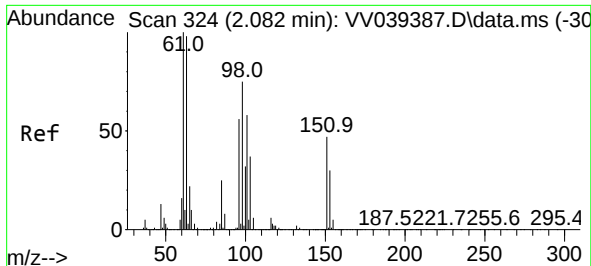
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.759 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.010 min

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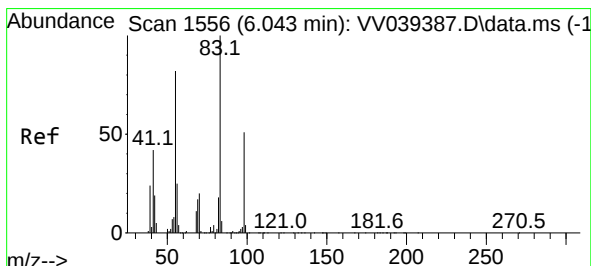
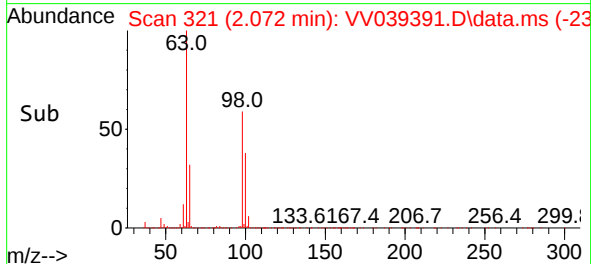
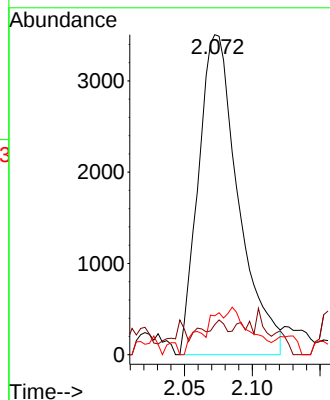
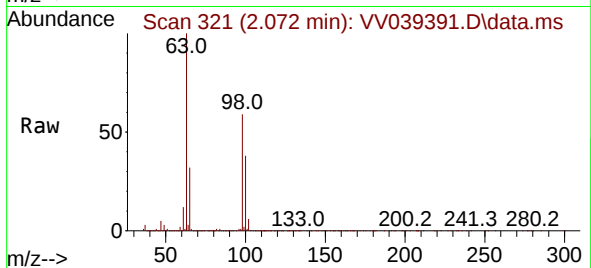
Tgt Ion:101 Resp: 7163

Ion Ratio Lower Upper

101 100

85 2.5 33.7 50.5#

151 4.6 63.6 95.4#



#35

Methylcyclohexane

Concen: 8.779 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.061 min

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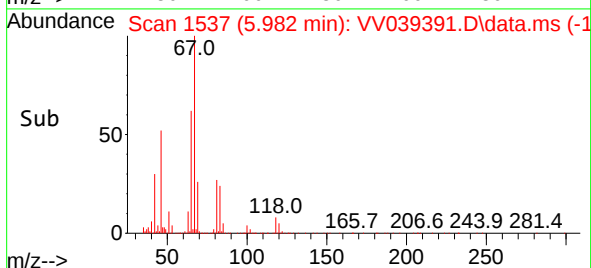
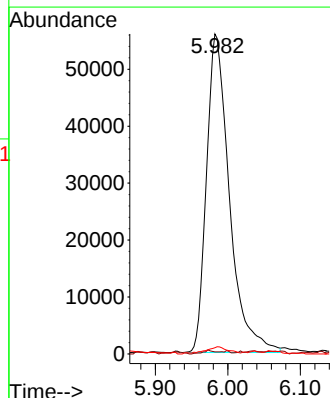
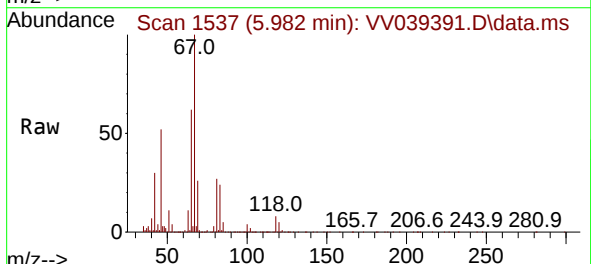
Tgt Ion: 83 Resp: 123149

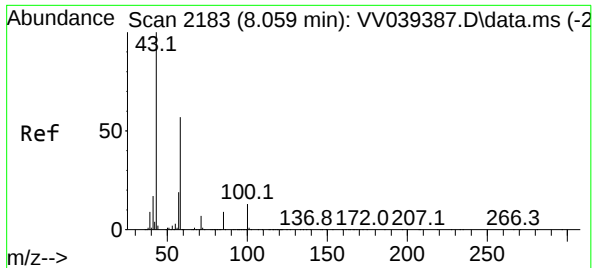
Ion Ratio Lower Upper

83 100

55 0.4 62.5 93.7#

98 1.6 39.2 58.8#





#48
 2-Hexanone
 Concen: 4.158 ug/L
 RT: 8.014 min Scan# 21
 Delta R.T. -0.045 min
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Tgt Ion: 43	Resp: 43634
Ion Ratio	Lower Upper
43	100
58	30.0 45.0 67.4#
57	32.5 15.0 22.6#
100	3.2 10.1 15.1#

