

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063757.D
 Acq On : 21 Nov 2025 10:05
 Operator : MD/SY
 Sample : Q3688-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 22:29:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 21 22:28:08 2025
 Response via : Initial Calibration

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

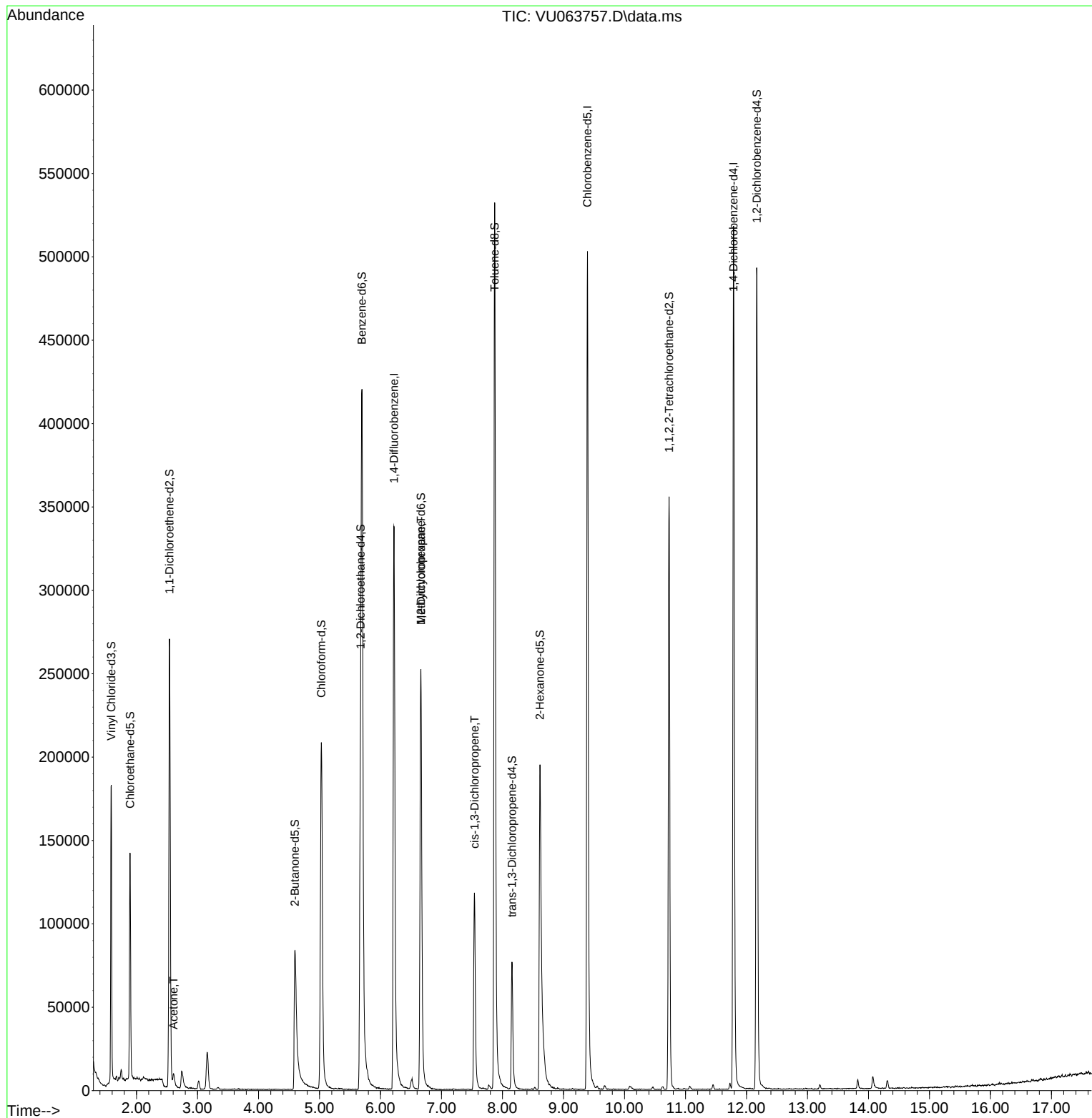
Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	302476	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	284569	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	139308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	118999	45.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.120%
7) Chloroethane-d5	1.894	69	94620	47.020	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.040%
11) 1,1-Dichloroethene-d2	2.541	63	166818	36.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.680%
21) 2-Butanone-d5	4.595	46	133380	89.572	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.570%
24) Chloroform-d	5.029	84	202607	46.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
26) 1,2-Dichloroethane-d4	5.672	65	137914	47.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
32) Benzene-d6	5.695	84	399098	47.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
36) 1,2-Dichloropropane-d6	6.663	67	119896	48.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.920%
41) Toluene-d8	7.872	98	375460	47.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.820%
43) trans-1,3-Dichloroprop...	8.155	79	43498	42.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.980%
47) 2-Hexanone-d5	8.614	63	76272	85.668	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.670%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	171896	48.002	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.167	152	131804	50.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%
Target Compounds						
					Qvalue	
13) Acetone	2.608	43	8175	4.057	ug/L	93
35) Methylcyclohexane	6.663	83	28396	7.731	ug/L #	18
39) cis-1,3-Dichloropropene	7.541	75	3922	1.172	ug/L #	64

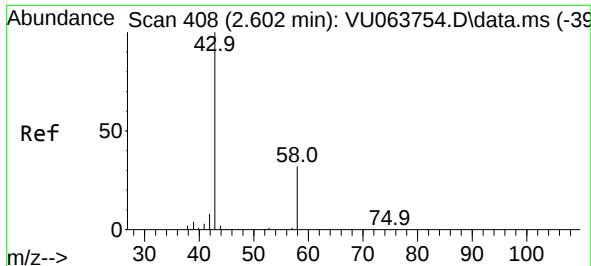
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.057 ug/L

RT: 2.608 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU063757.D

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Instrument :

MSVOA_U

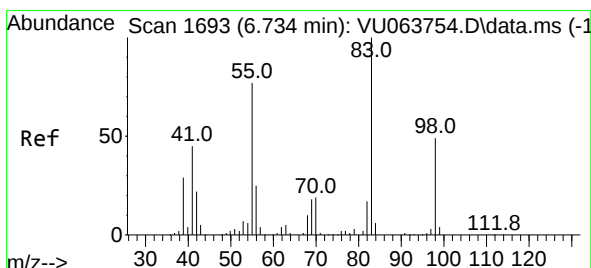
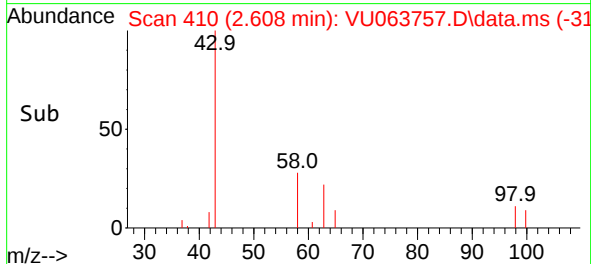
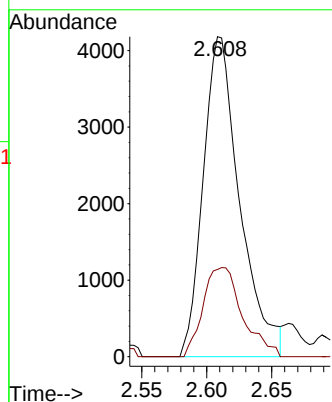
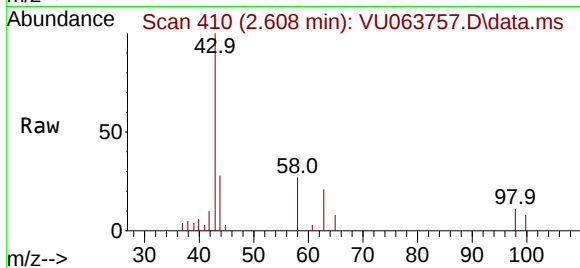
ClientSampleId :

Tgt Ion: 43 Resp: 8175

Ion Ratio Lower Upper

43 100

58 27.9 0.0 63.4



#35

Methylcyclohexane

Concen: 7.731 ug/L

RT: 6.663 min Scan# 1671

Delta R.T. -0.071 min

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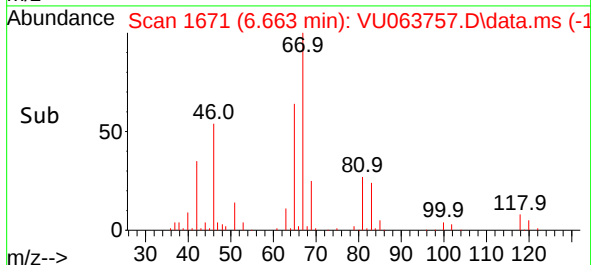
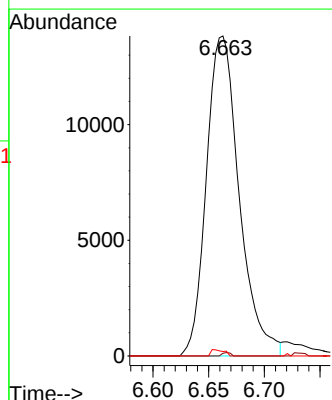
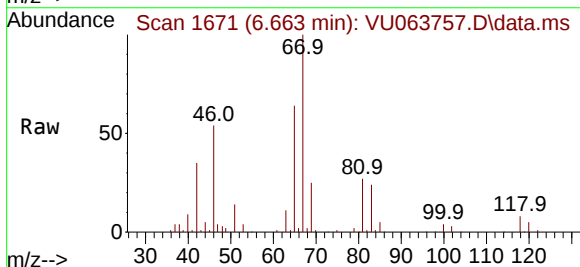
Tgt Ion: 83 Resp: 28396

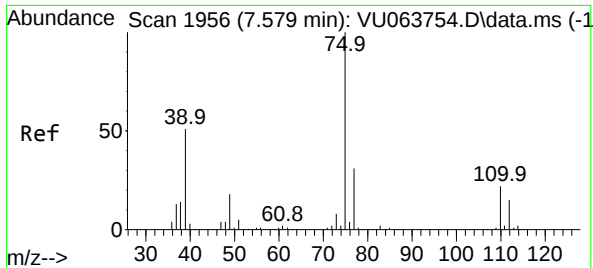
Ion Ratio Lower Upper

83 100

55 0.3 60.9 91.3#

98 0.6 39.7 59.5#





#39
 cis-1,3-Dichloropropene
 Concen: 1.172 ug/L
 RT: 7.541 min Scan# 1944
 Delta R.T. -0.039 min
 Lab File: VU063757.D
 Acq: 21 Nov 2025 10:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 3922
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.1 41.1#

