

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057408.D
 Acq On : 09 Jan 2024 01:57
 Operator : MD/SY
 Sample : P1058-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YCH89

Quant Time: Jan 09 06:27:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

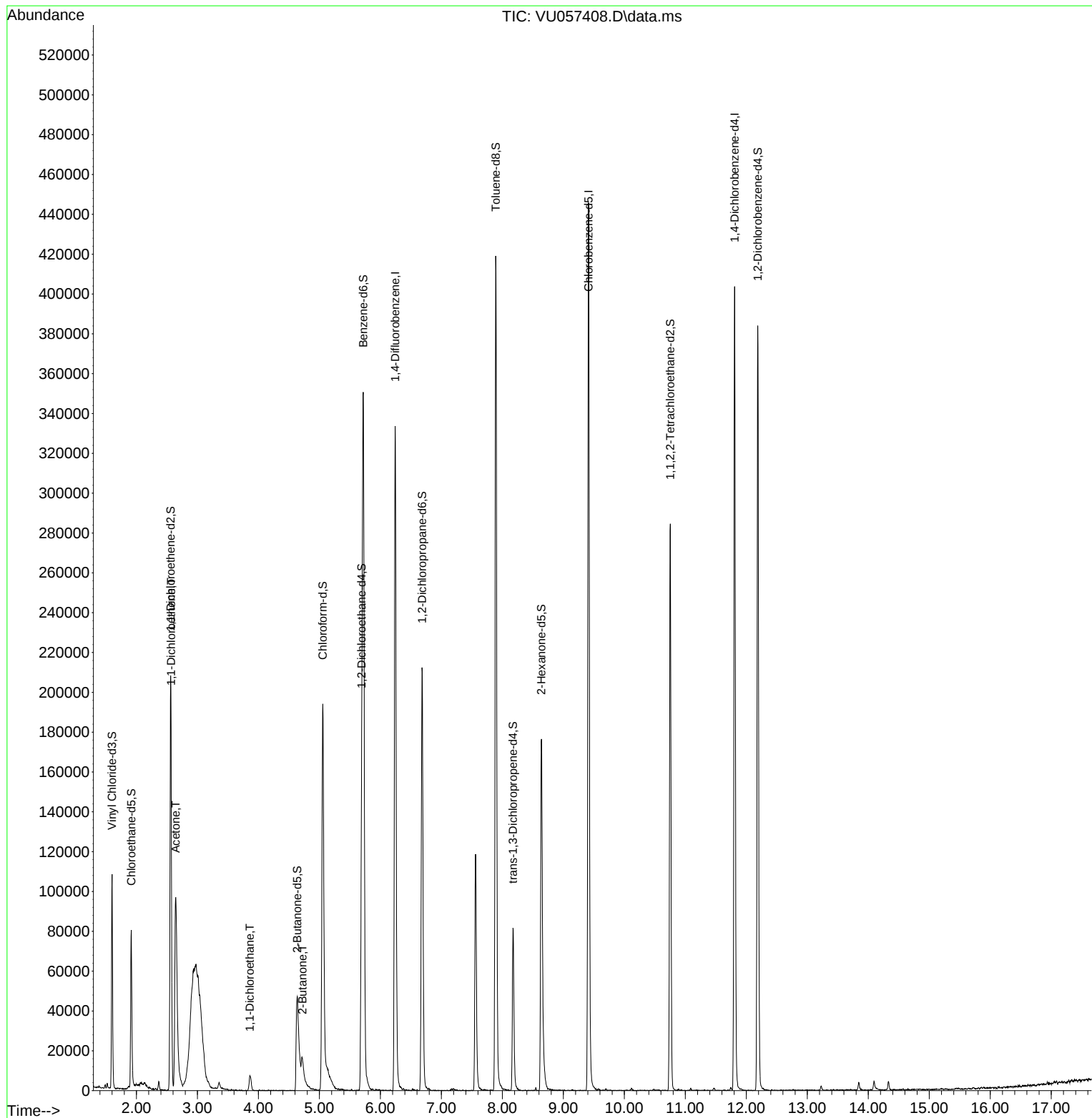
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	267957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	256979	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	106123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77831	42.202	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.400%		
7) Chloroethane-d5	1.914	69	59570	41.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.480%		
11) 1,1-Dichloroethene-d2	2.560	63	125138	32.012	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.020%		
21) 2-Butanone-d5	4.634	46	91254	102.114	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.110%		
24) Chloroform-d	5.055	84	181741	41.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.340%		
26) 1,2-Dichloroethane-d4	5.692	65	129039	44.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.580%		
32) Benzene-d6	5.718	84	325183	47.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.280%		
36) 1,2-Dichloropropane-d6	6.682	67	93233	47.887	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.780%		
41) Toluene-d8	7.891	98	290547	44.946	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
43) trans-1,3-Dichloroprop...	8.174	79	50744	43.666	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.340%		
47) 2-Hexanone-d5	8.640	63	63791	100.227	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.230%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	130238	44.763	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.520%		
66) 1,2-Dichlorobenzene-d4	12.187	152	101585	48.942	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.880%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	2991	1.647	ug/L #	1
13) Acetone	2.644	43	170264	156.454	ug/L	99
19) 1,1-Dichloroethane	3.859	63	8585	2.497	ug/L	89
22) 2-Butanone	4.721	43	23139	21.579	ug/L	85

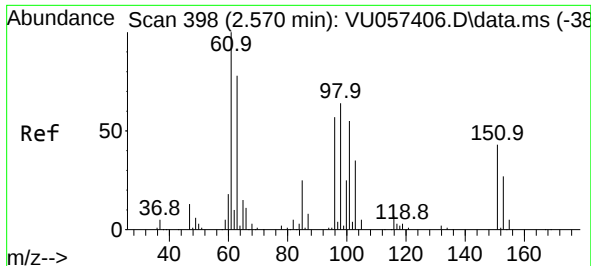
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.647 ug/L

RT: 2.567 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU057408.D

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MSVOA_U

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YCH89

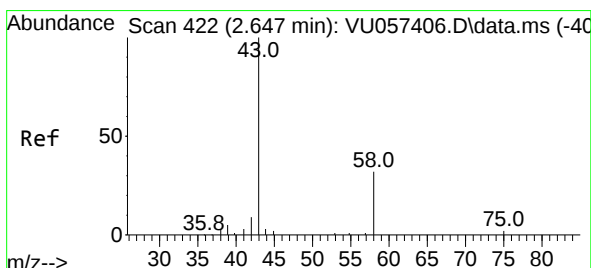
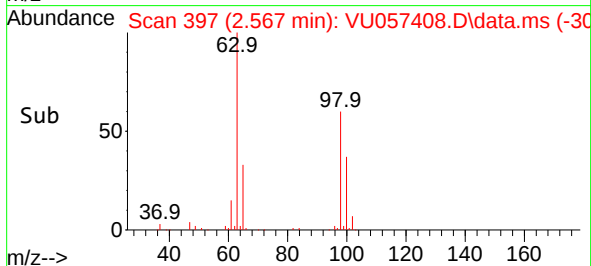
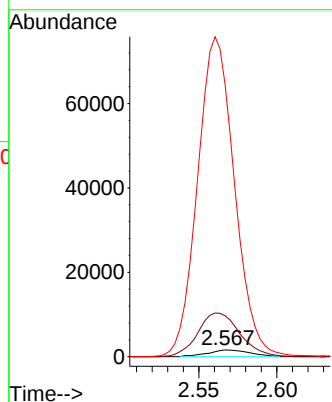
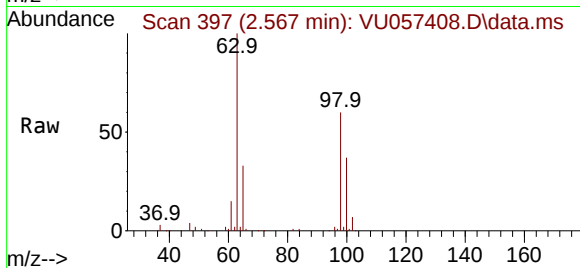
Tgt Ion: 96 Resp: 2991

Ion Ratio Lower Upper

96 100

61 609.1 128.3 238.3#

63 4055.6 90.4 168.0#



#13

Acetone

Concen: 156.454 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU057408.D

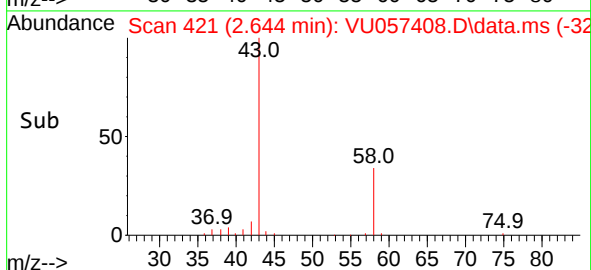
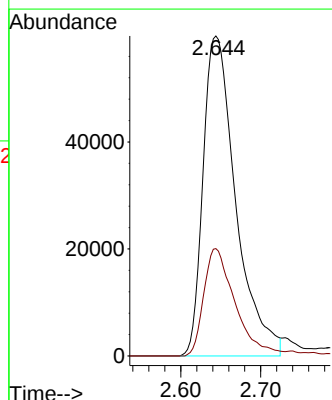
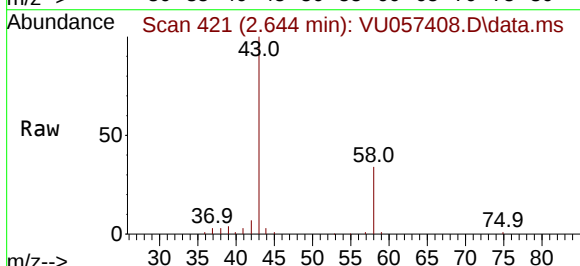
Acq: 09 Jan 2024 01:57

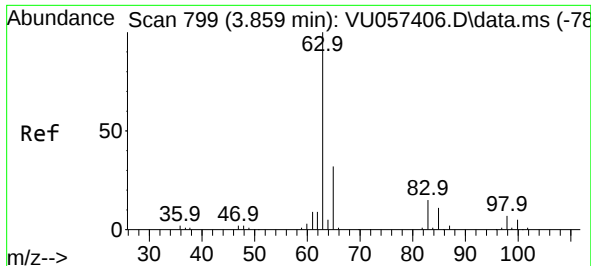
Tgt Ion: 43 Resp: 170264

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.2





#19

1,1-Dichloroethane

Concen: 2.497 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

YCH89

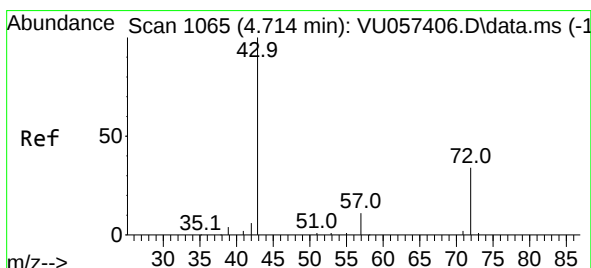
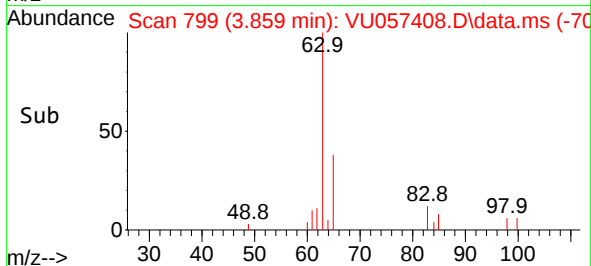
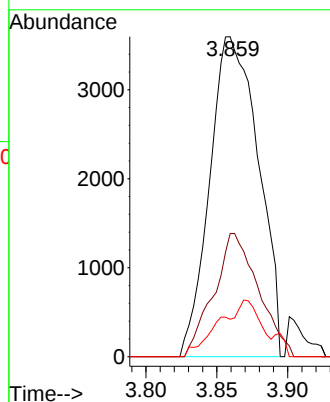
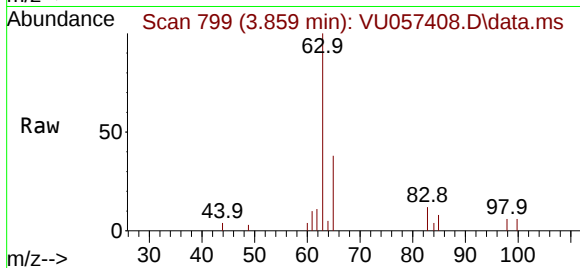
Tgt Ion: 63 Resp: 8585

Ion Ratio Lower Upper

63 100

65 38.4 22.4 41.6

83 11.7 11.3 21.1



#22

2-Butanone

Concen: 21.579 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.007 min

Lab File: VU057408.D

Acq: 09 Jan 2024 01:57

Tgt Ion: 43 Resp: 23139

Ion Ratio Lower Upper

43 100

72 22.2 15.2 45.6

