

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 :

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)

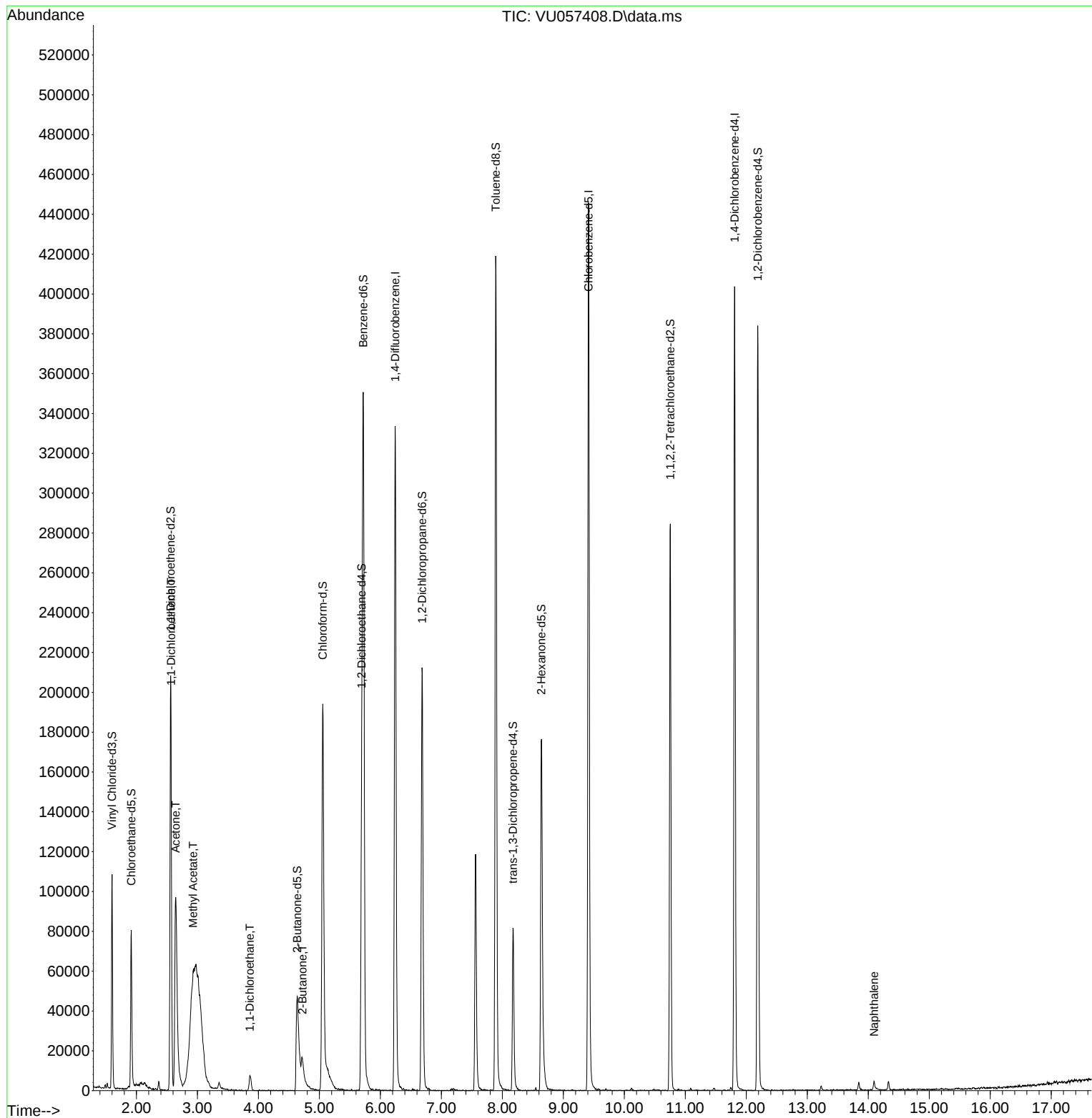
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	267957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	256979	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	106123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77831	42.202	ug/L	0.00
Spiked Amount 50.000	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
15) Methyl Acetate	2.927	43	20704	14.583	ug/L #	44
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
71) Naphthalene	14.094	128	5901	1.415	ug/L #	79

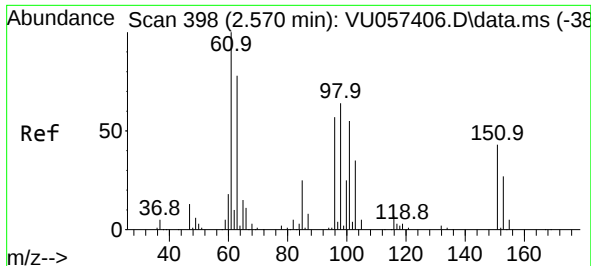
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 1.647 ug/L

RT: 2.567 min Scan# 398

Delta R.T. -0.003 min

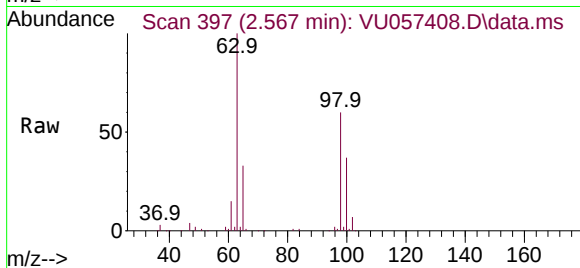
Lab File: VU057408.D

Acq: 09 Jan 2024 01:57

Instrument :

MSVOA_U

ClientSampleId :



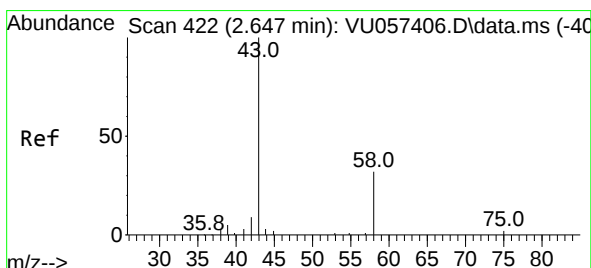
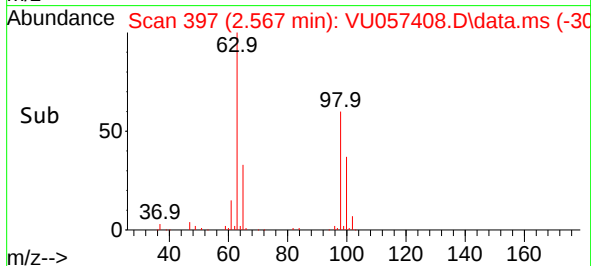
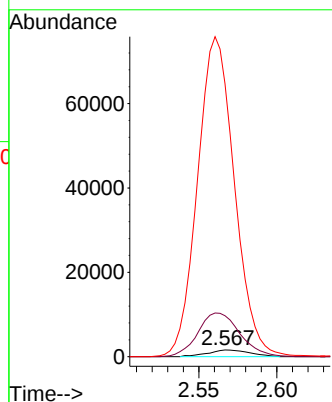
Tgt Ion: 96 Resp: 2991

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

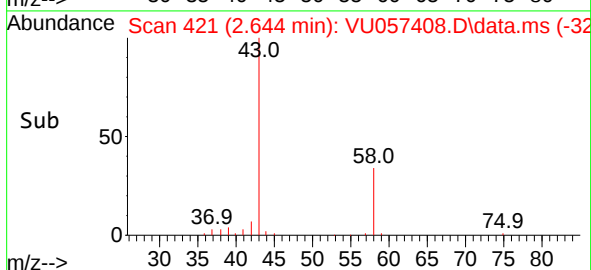
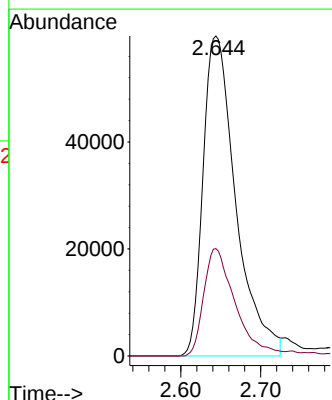
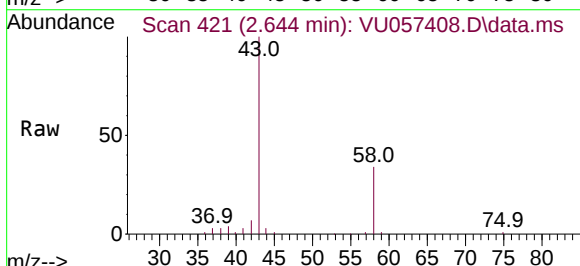
Acq: 09 Jan 2024 01:57

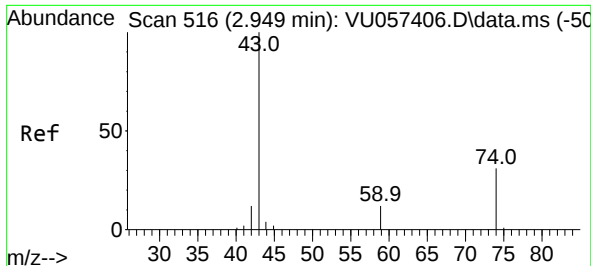
Tgt Ion: 43 Resp: 170264

Ion Ratio Lower Upper

43 100

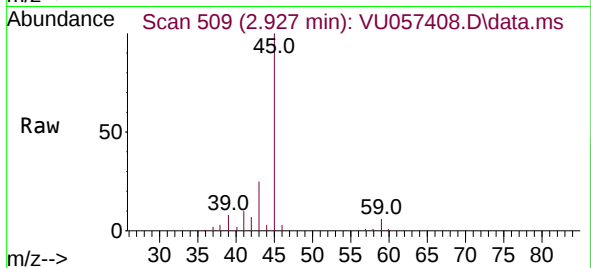
58 32.1 0.0 65.2



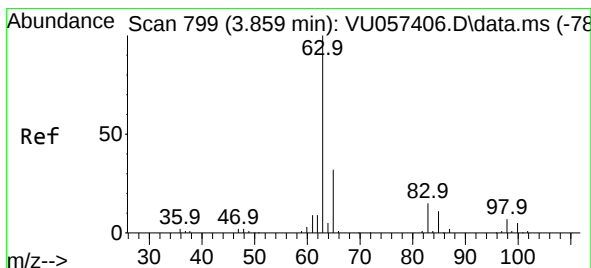
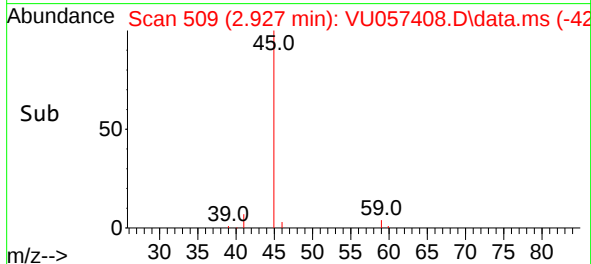
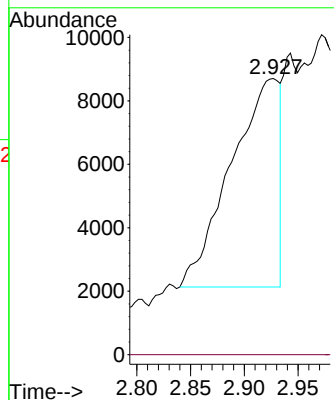


#15
Methyl Acetate
Concen: 14.583 ug/L
RT: 2.927 min Scan# 509
Delta R.T. -0.022 min
Lab File: VU057408.D
Acq: 09 Jan 2024 01:57

Instrument :
MSVOA_U
ClientSampleId :

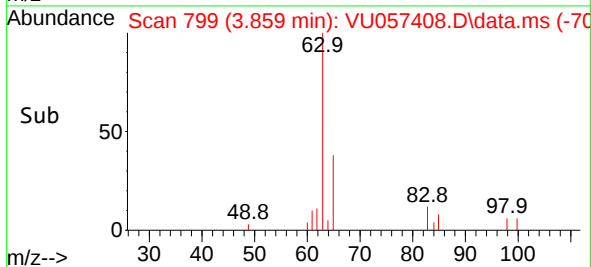
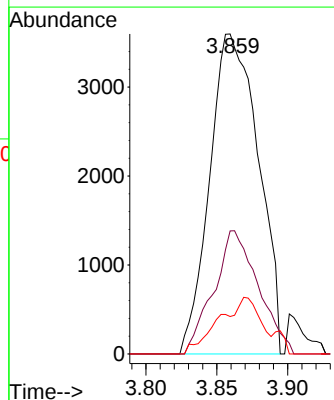
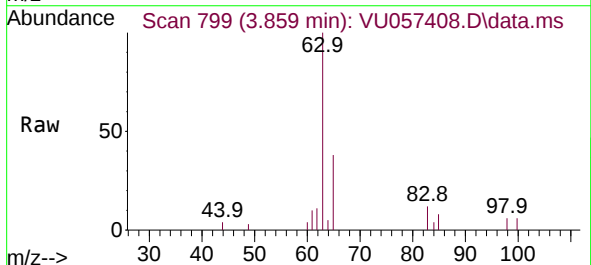


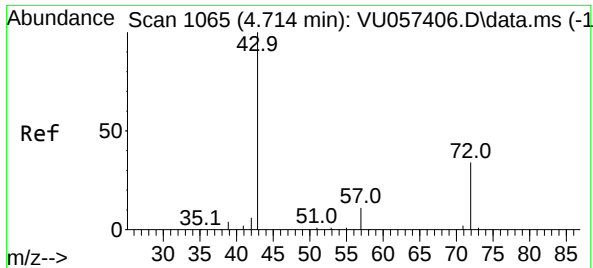
Tgt Ion: 43 Resp: 20704
Ion Ratio Lower Upper
43 100
74 0.0 24.6 36.8#



#19
1,1-Dichloroethane
Concen: 2.497 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU057408.D
Acq: 09 Jan 2024 01:57

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

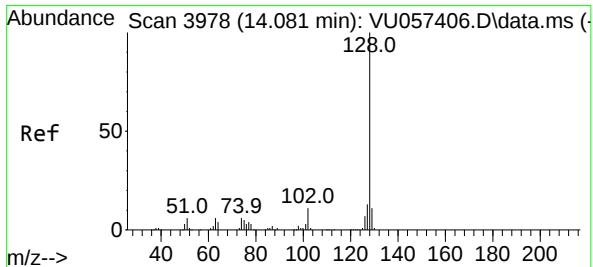
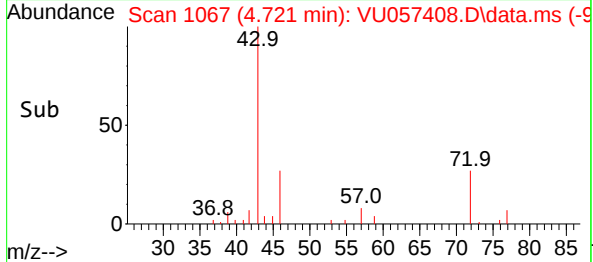
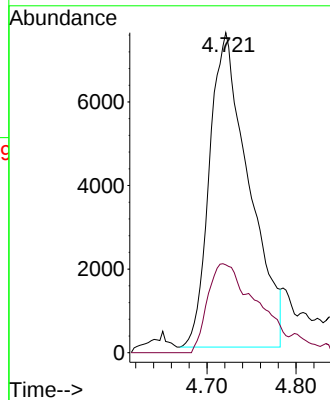
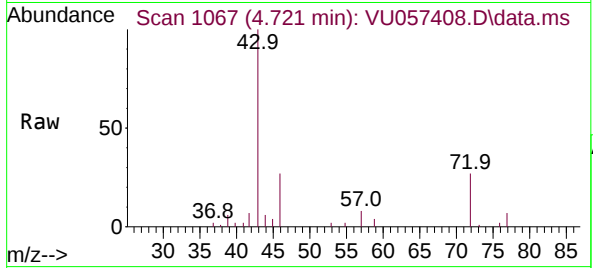




#22
2-Butanone
Concen: 21.579 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.007 min
Lab File: VU057408.D
Acq: 09 Jan 2024 01:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 23139
Ion Ratio Lower Upper
43 100
72 22.2 15.2 45.6



#71
Naphthalene
Concen: 1.415 ug/L
RT: 14.094 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU057408.D
Acq: 09 Jan 2024 01:57

Tgt Ion: 128 Resp: 5901
Ion Ratio Lower Upper
128 100
127 2.7 10.2 15.2#
129 4.3 8.5 12.7#

