

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057386.D
 Acq On : 08 Jan 2024 16:43
 Operator : MD/SY
 Sample : 05787-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 05:04:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

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

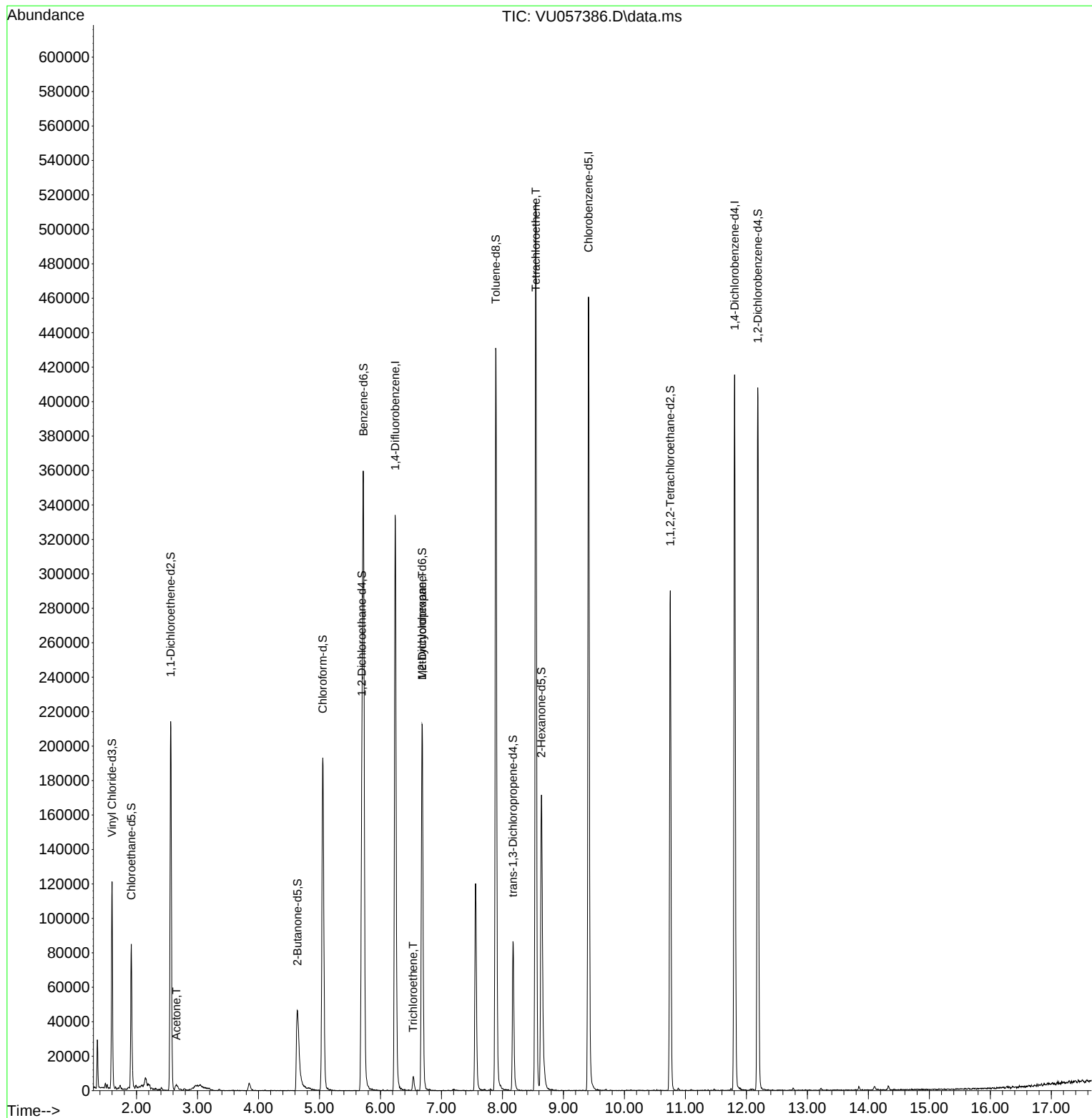
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	267674	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	256916	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80242	43.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.120%		
7) Chloroethane-d5	1.914	69	65516	45.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.900%		
11) 1,1-Dichloroethene-d2	2.560	63	129507	33.165	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.340%		
21) 2-Butanone-d5	4.637	46	86546	96.948	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.950%		
24) Chloroform-d	5.055	84	183625	42.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.300%		
26) 1,2-Dichloroethane-d4	5.695	65	131078	45.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
32) Benzene-d6	5.721	84	334459	48.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.000%		
36) 1,2-Dichloropropane-d6	6.682	67	92448	47.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.000%		
41) Toluene-d8	7.891	98	292584	45.272	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.540%		
43) trans-1,3-Dichloroprop...	8.174	79	53968	46.451	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.900%		
47) 2-Hexanone-d5	8.637	63	62457	98.155	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.150%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	133151	45.775	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.560%		
66) 1,2-Dichlorobenzene-d4	12.187	152	107684	48.911	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.820%		
Target Compounds						
					Qvalue	
13) Acetone	2.653	43	6025	5.542	ug/L	70
34) Trichloroethene	6.537	95	3055	1.449	ug/L	94
35) Methylcyclohexane	6.682	83	27134	9.461	ug/L #	21
46) Tetrachloroethene	8.547	164	110215	69.120	ug/L	96

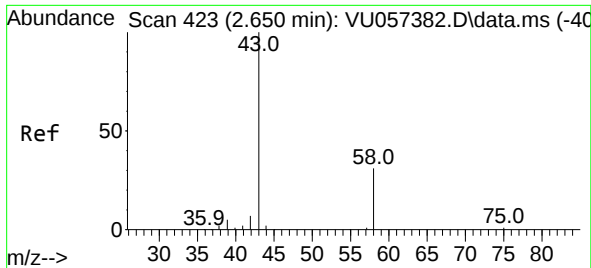
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.542 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057386.D

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Instrument :

MSVOA_U

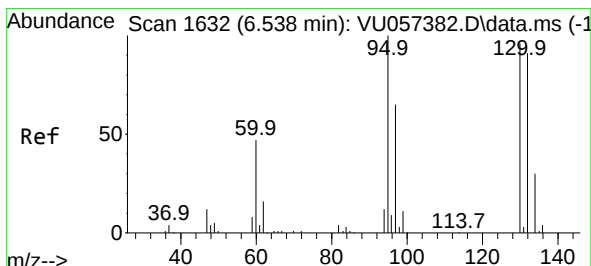
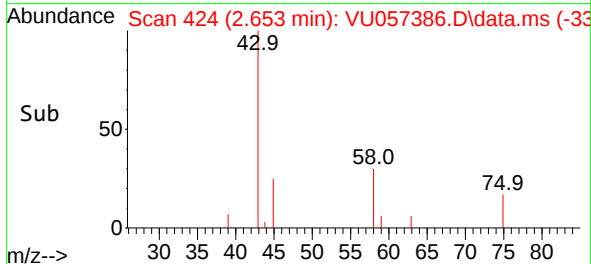
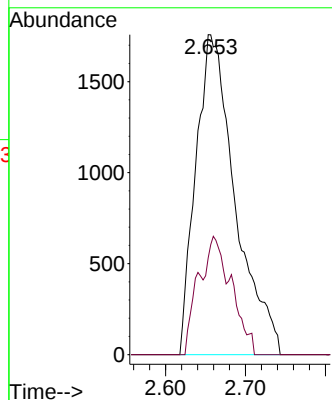
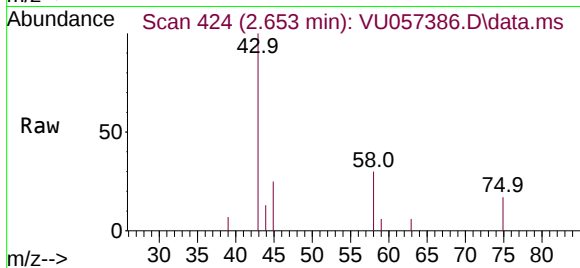
ClientSampleId :

Tgt Ion: 43 Resp: 6025

Ion Ratio Lower Upper

43 100

58 15.5 0.0 65.2



#34

Trichloroethene

Concen: 1.449 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.001 min

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Acq: 08 Jan 2024 16:43

Tgt Ion: 95 Resp: 3055

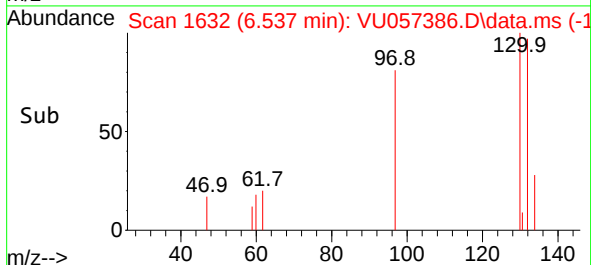
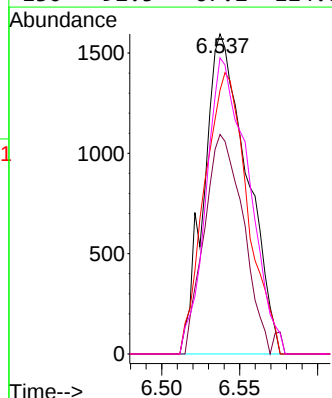
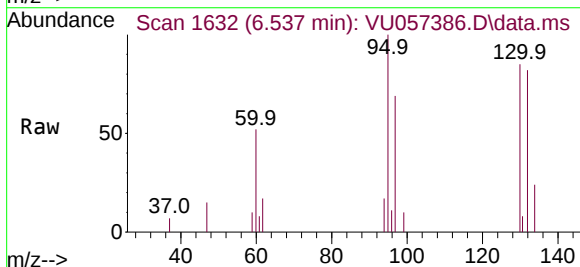
Ion Ratio Lower Upper

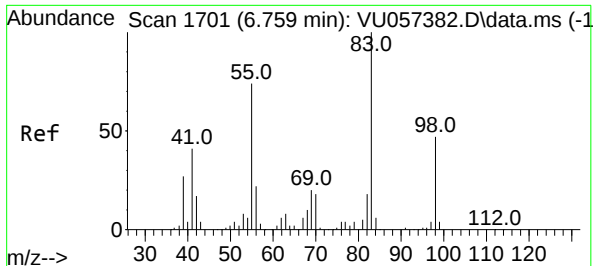
95 100

97 68.6 46.2 85.8

132 82.4 64.3 119.5

130 92.5 67.2 124.8

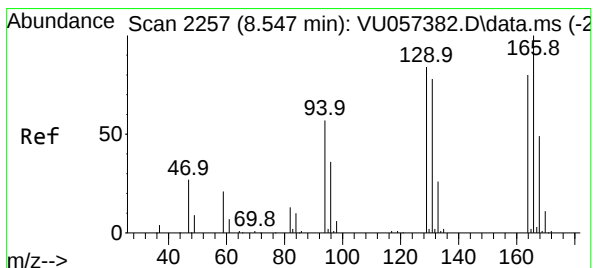
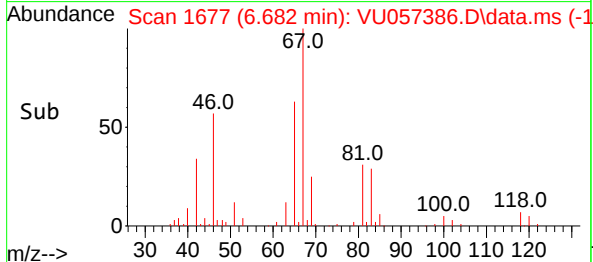
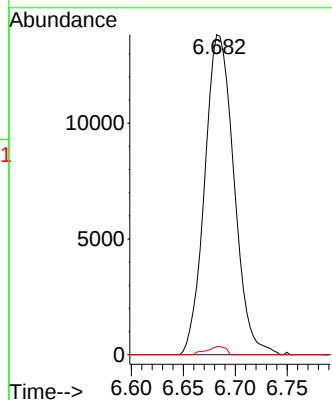
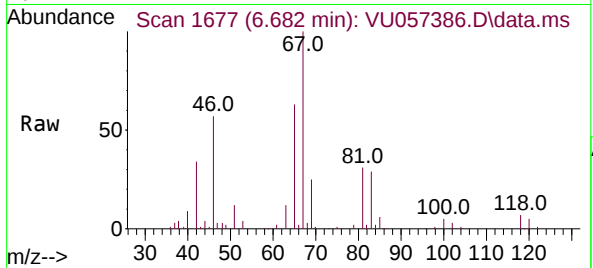




#35
Methylcyclohexane
Concen: 9.461 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
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ClientSampleId :

Tgt Ion: 83 Resp: 27134
Ion Ratio Lower Upper
83 100
55 0.0 58.0 87.0#
98 1.7 36.6 55.0#



#46
Tetrachloroethene
Concen: 69.120 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057386.D
Acq: 08 Jan 2024 16:43

Tgt Ion:164 Resp: 110215
Ion Ratio Lower Upper
164 100
129 97.7 72.3 134.3
131 98.1 68.8 127.8
166 124.9 91.8 170.4

