

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101223\
 Data File : VU055761.D
 Acq On : 12 Oct 2023 13:05
 Operator : MD/SY
 Sample : 04792-06DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 12 22:18:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 22:16:59 2023
 Response via : Initial Calibration

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

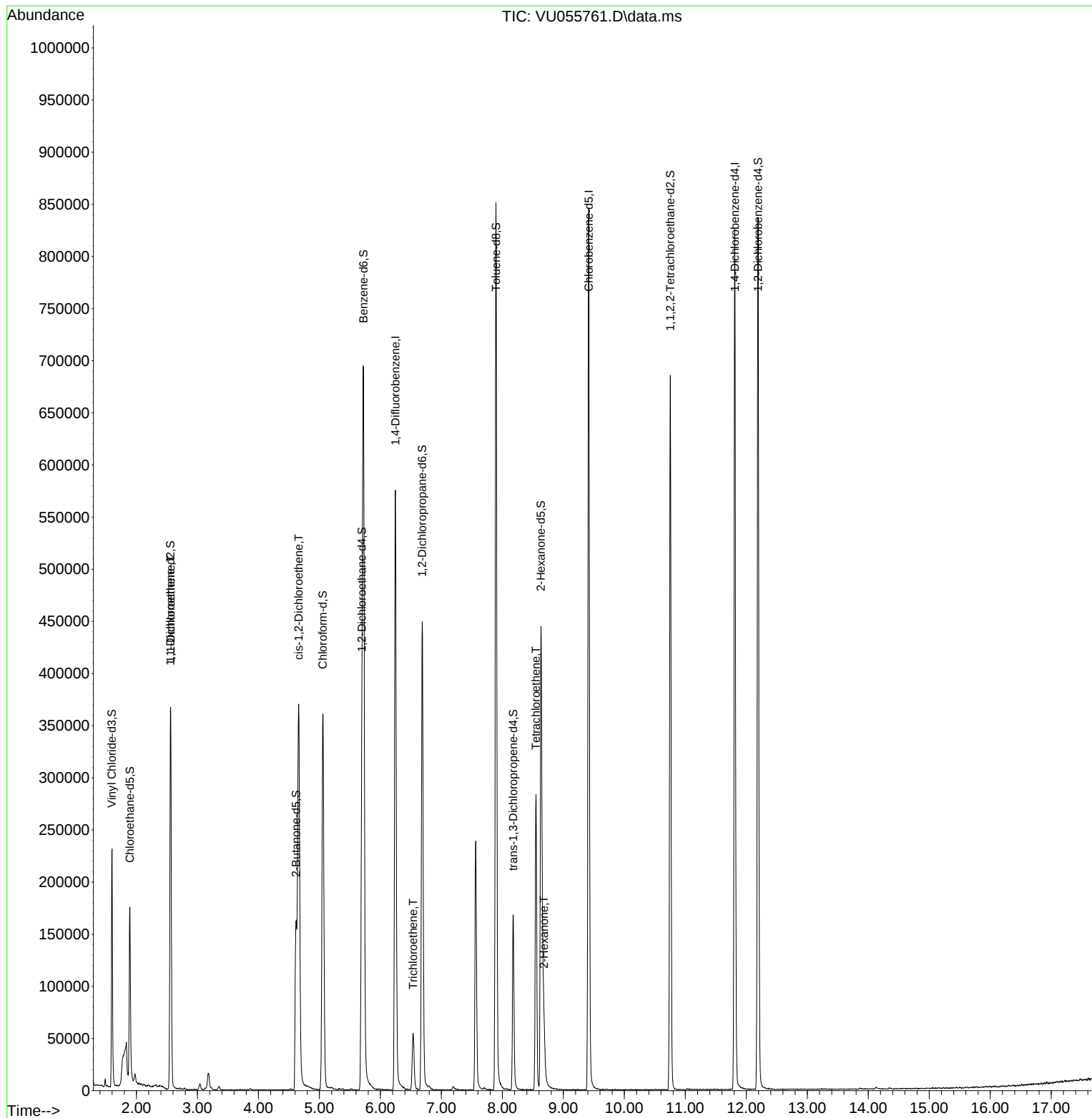
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	449935	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	459273	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	210237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	153572	38.053	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.100%		
7) Chloroethane-d5	1.891	69	133486	40.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.920%		
11) 1,1-Dichloroethene-d2	2.557	63	222670	30.944	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.880%		
21) 2-Butanone-d5	4.615	46	233715	78.155	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.150%		
24) Chloroform-d	5.055	84	334765	43.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.540%		
26) 1,2-Dichloroethane-d4	5.695	65	226760	47.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.240%		
32) Benzene-d6	5.721	84	648978	44.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	6.685	67	209140	44.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.920%		
41) Toluene-d8	7.894	98	560289	42.226	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.460%		
43) trans-1,3-Dichloroprop...	8.177	79	95382	42.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.360%		
47) 2-Hexanone-d5	8.631	63	140211	76.667	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.670%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	340684	47.578	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.160%		
66) 1,2-Dichlorobenzene-d4	12.190	152	216277	51.840	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.680%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.560	96	2539	0.796	ug/L #	1
20) cis-1,2-Dichloroethene	4.660	96	189591	50.929	ug/L	97
34) Trichloroethene	6.538	95	15307	3.853	ug/L	94
46) Tetrachloroethene	8.550	164	60853	21.396	ug/L	99
48) 2-Hexanone	8.682	43	28723	6.114	ug/L #	84

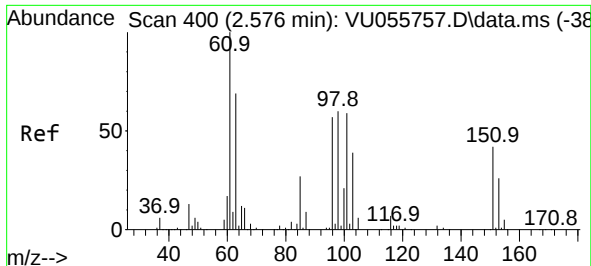
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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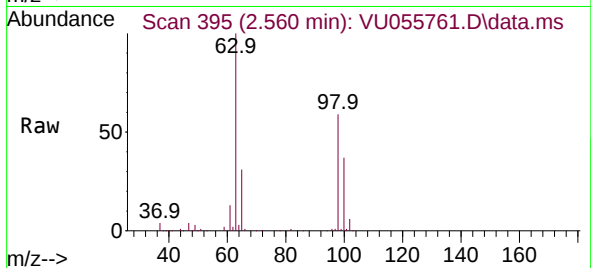
Quant Time: Oct 12 22:18:15 2023
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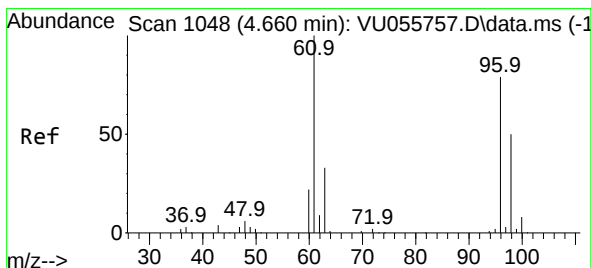
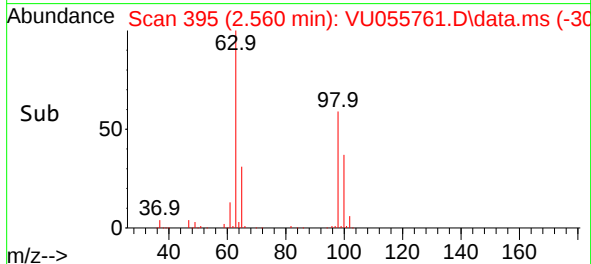
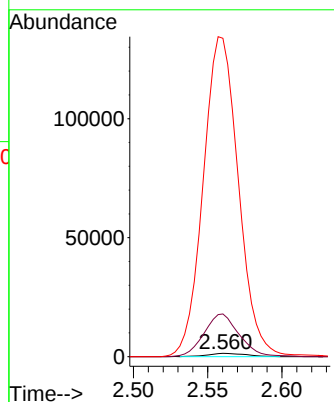


#12
 1,1-Dichloroethene
 Concen: 0.796 ug/L
 RT: 2.560 min Scan# 395
 Delta R.T. -0.016 min
 Lab File: VU055761.D
 Acq: 12 Oct 2023 13:05

Instrument :
 MSVOA_U
 ClientSampleId :

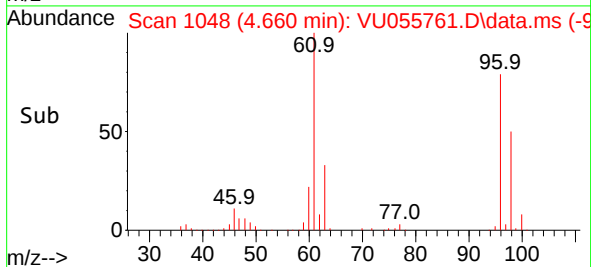
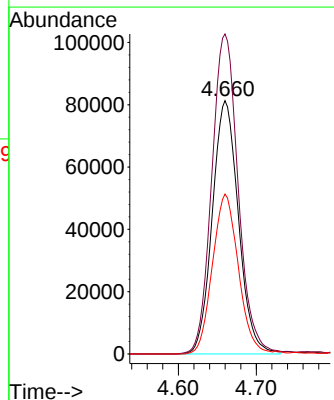
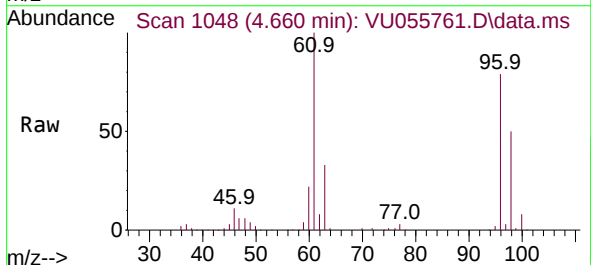


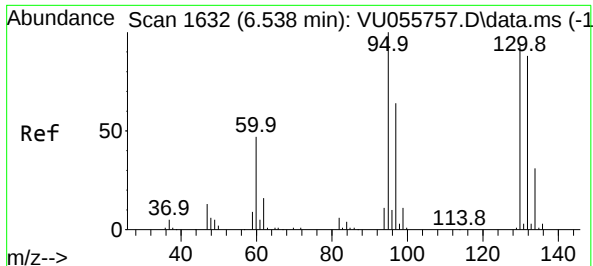
Tgt Ion: 96 Resp: 2539
 Ion Ratio Lower Upper
 96 100
 61 1285.0 122.0 226.6#
 63 9579.4 93.7 174.1#



#20
 cis-1,2-Dichloroethene
 Concen: 50.929 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055761.D
 Acq: 12 Oct 2023 13:05

Tgt Ion: 96 Resp: 189591
 Ion Ratio Lower Upper
 96 100
 61 126.4 92.3 171.5
 98 63.1 43.9 81.5





#34

Trichloroethene

Concen: 3.853 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055761.D

Acq: 12 Oct 2023 13:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 15307

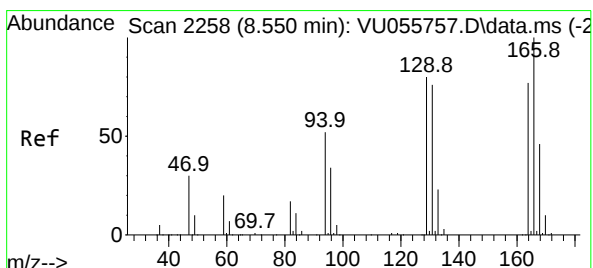
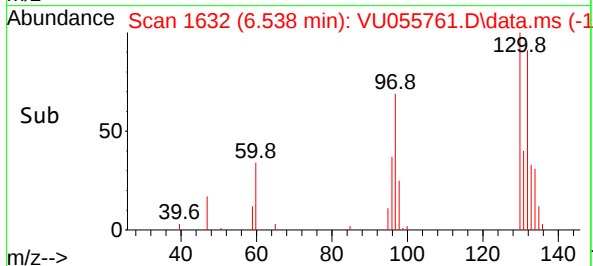
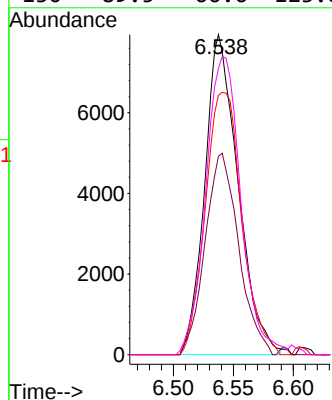
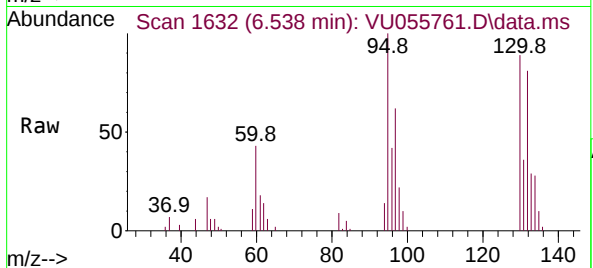
Ion Ratio Lower Upper

95 100

97 62.0 44.4 82.5

132 81.0 61.8 114.8

130 89.5 66.6 123.8



#46

Tetrachloroethene

Concen: 21.396 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055761.D

Acq: 12 Oct 2023 13:05

Tgt Ion: 164 Resp: 60853

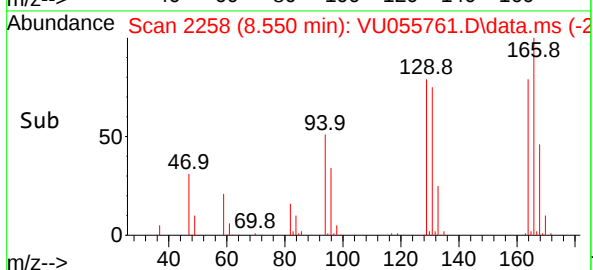
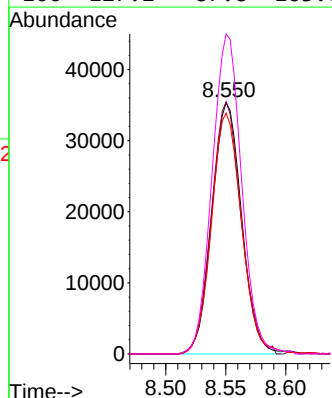
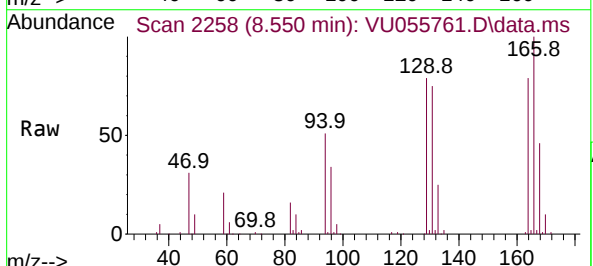
Ion Ratio Lower Upper

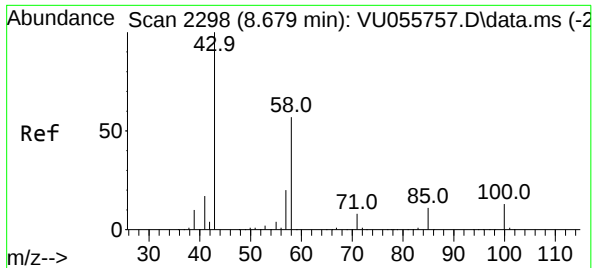
164 100

129 100.2 70.7 131.3

131 95.7 65.9 122.5

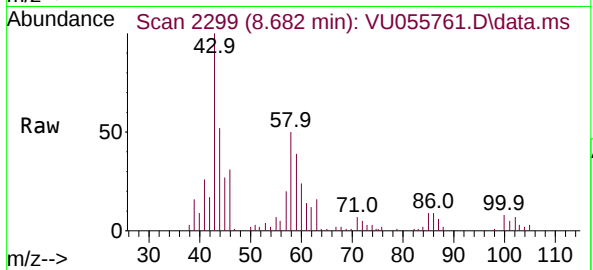
166 127.2 87.8 163.0





#48
2-Hexanone
Concen: 6.114 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055761.D
Acq: 12 Oct 2023 13:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	28723
Ion	Ratio	Lower	Upper
43	100		
58	43.6	45.2	67.8#
57	15.3	16.1	24.1#
100	4.3	9.7	14.5#

