

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101223\
 Data File : VU055760.D
 Acq On : 12 Oct 2023 12:38
 Operator : MD/SY
 Sample : 04792-04DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B2DL

Quant Time: Oct 12 22:18:02 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)

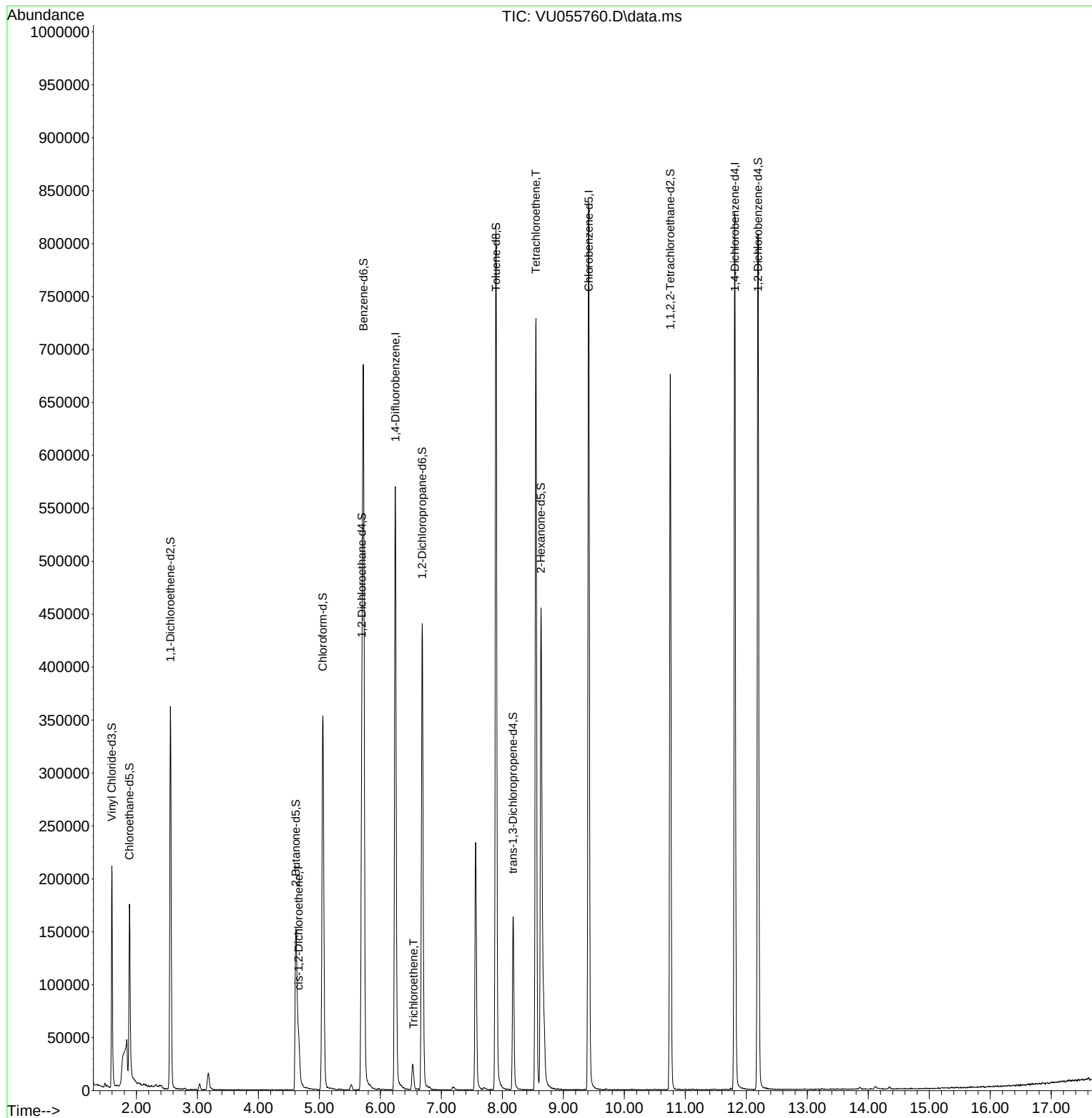
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	448413	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	454681	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	212078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	152437	37.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.800%
7) Chloroethane-d5	1.885	69	129591	39.416	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.840%
11) 1,1-Dichloroethene-d2	2.557	63	216142	30.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.280%
21) 2-Butanone-d5	4.612	46	237240	79.603	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.600%
24) Chloroform-d	5.055	84	332701	43.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
26) 1,2-Dichloroethane-d4	5.695	65	223815	47.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
32) Benzene-d6	5.721	84	642616	44.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
36) 1,2-Dichloropropane-d6	6.685	67	206798	44.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	7.894	98	550916	41.939	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.880%
43) trans-1,3-Dichloroprop...	8.174	79	95188	43.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.060%
47) 2-Hexanone-d5	8.631	63	144146	79.615	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.610%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	335053	47.264	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.520%
66) 1,2-Dichlorobenzene-d4	12.190	152	213107	50.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.280%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.660	96	13525	3.646	ug/L	97
34) Trichloroethene	6.544	95	3148	0.800	ug/L	# 64
46) Tetrachloroethene	8.550	164	151459	53.792	ug/L	96

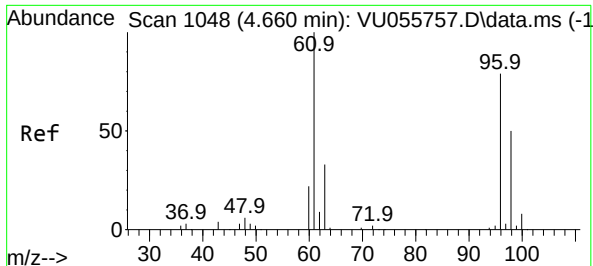
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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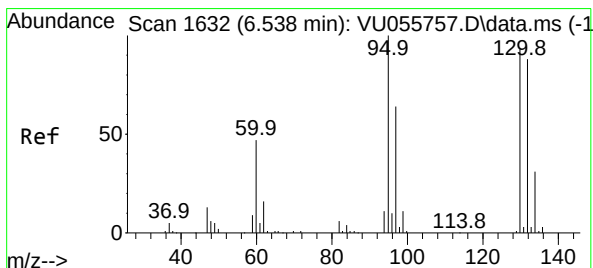
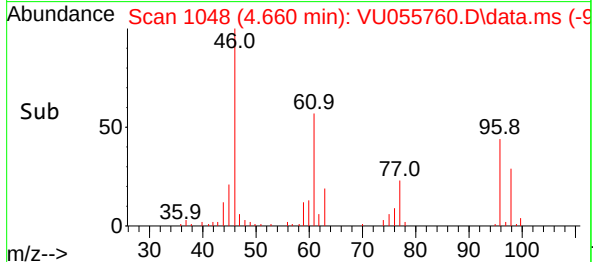
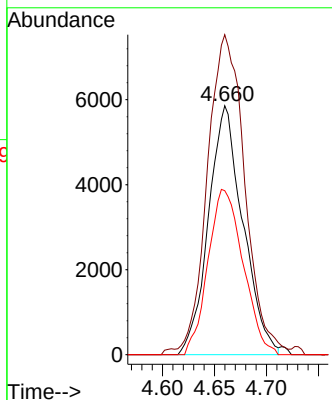
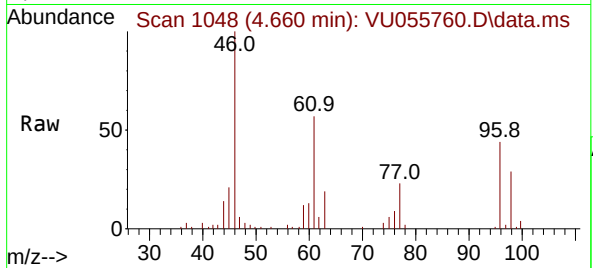




#20
 cis-1,2-Dichloroethene
 Concen: 3.646 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055760.D
 Acq: 12 Oct 2023 12:38

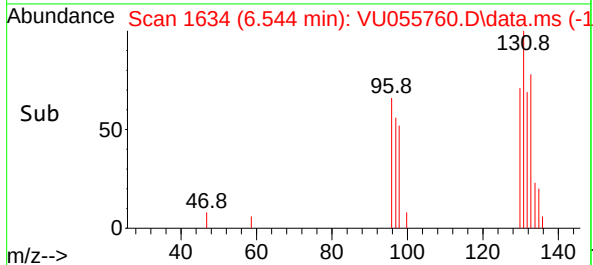
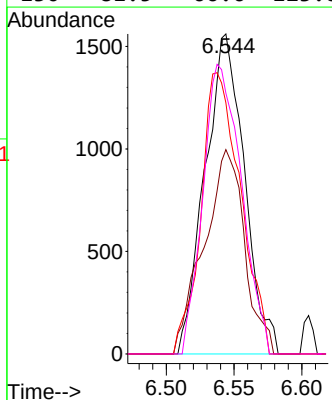
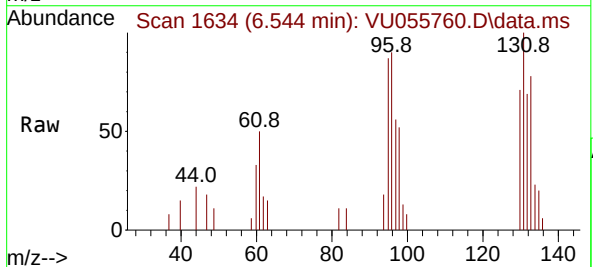
Instrument :
 MSVOA_U
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 EY1B2DL

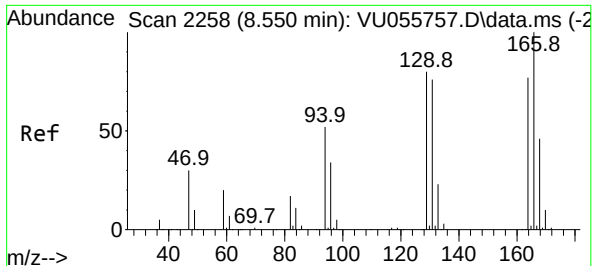
Tgt Ion: 96 Resp: 13525
 Ion Ratio Lower Upper
 96 100
 61 128.5 92.3 171.5
 98 65.9 43.9 81.5



#34
 Trichloroethene
 Concen: 0.800 ug/L
 RT: 6.544 min Scan# 1634
 Delta R.T. 0.006 min
 Lab File: VU055760.D
 Acq: 12 Oct 2023 12:38

Tgt Ion: 95 Resp: 3148
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.4 82.5
 132 168.1 61.8 114.8#
 130 81.5 66.6 123.8





#46
 Tetrachloroethene
 Concen: 53.792 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055760.D
 Acq: 12 Oct 2023 12:38

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Tgt Ion:164 Resp: 151459

Ion	Ratio	Lower	Upper
164	100		
129	104.8	70.7	131.3
131	98.8	65.9	122.5
166	128.7	87.8	163.0

