

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055825.D
 Acq On : 20 Oct 2023 12:06
 Operator : MD/SY
 Sample : VIBLK034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK034

Quant Time: Oct 23 01:06:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

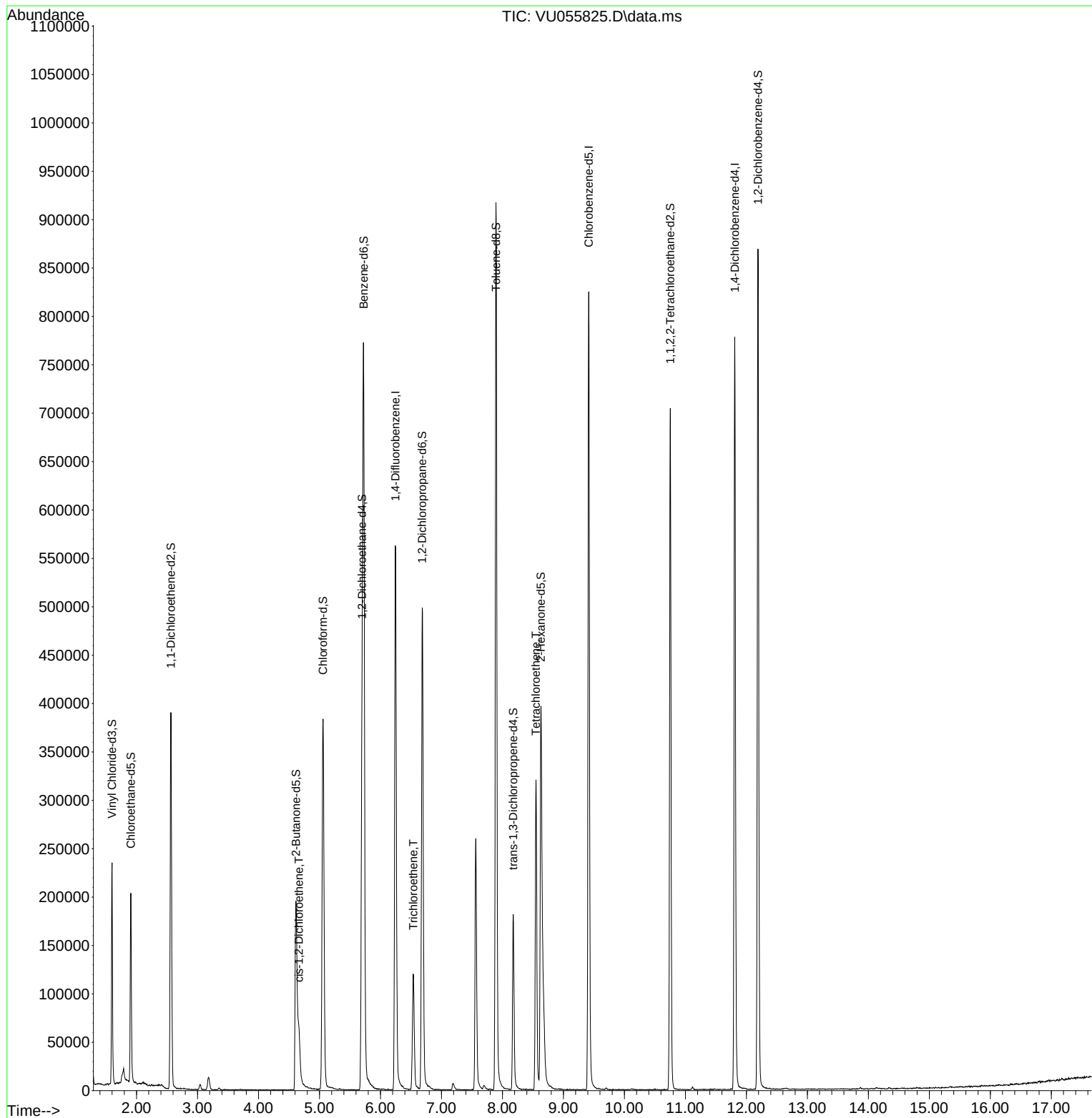
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	468395	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	461808	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	207758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	161902	38.536	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.080%	
7) Chloroethane-d5	1.907	69	146989	42.801	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.563	63	236024	31.507	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.020%	
21) 2-Butanone-d5	4.615	46	294744	94.678	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.680%	
24) Chloroform-d	5.058	84	369727	45.904	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.698	65	256112	51.661	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.320%	
32) Benzene-d6	5.724	84	721371	48.821	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.640%	
36) 1,2-Dichloropropane-d6	6.685	67	244242	52.214	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	104.420%	
41) Toluene-d8	7.894	98	619100	46.402	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	8.177	79	108738	48.392	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.780%	
47) 2-Hexanone-d5	8.631	63	126348	68.708	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	68.710%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	353353	49.076	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.160%	
66) 1,2-Dichlorobenzene-d4	12.190	152	230826	55.987	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.980%	
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.663	96	21834	5.634	ug/L	96
34) Trichloroethene	6.541	95	37385	9.360	ug/L	97
46) Tetrachloroethene	8.550	164	70336	24.595	ug/L	96

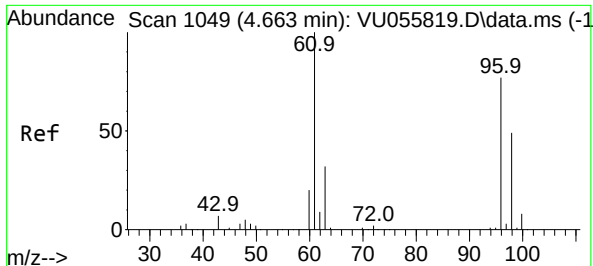
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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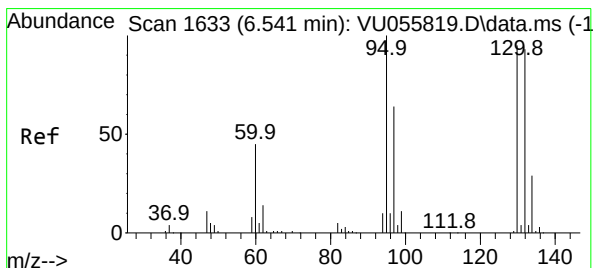
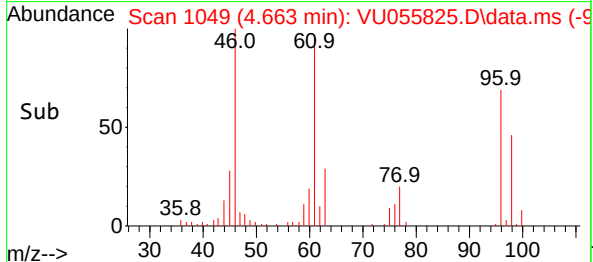
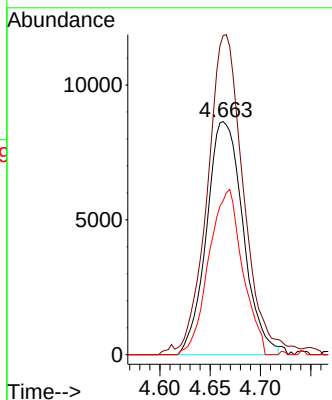
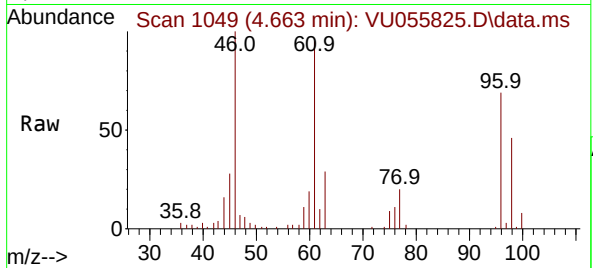




#20
 cis-1,2-Dichloroethene
 Concen: 5.634 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055825.D
 Acq: 20 Oct 2023 12:06

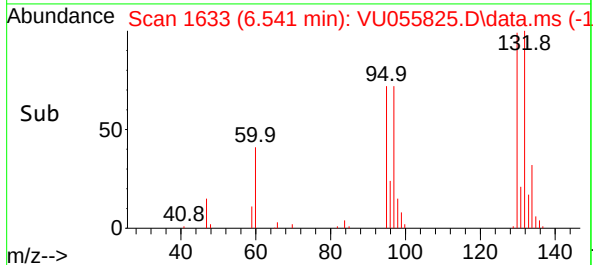
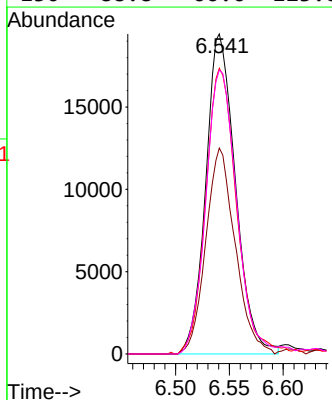
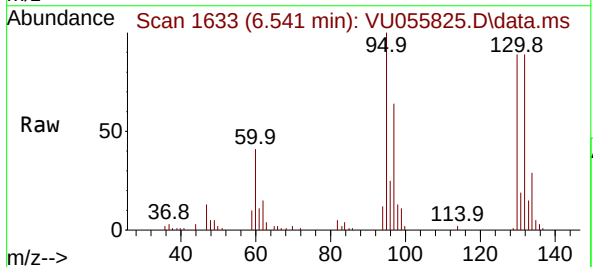
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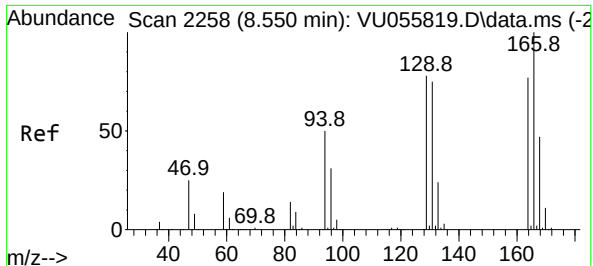
Tgt Ion:	96	Resp:	21834
Ion	Ratio	Lower	Upper
96	100		
61	136.8	92.3	171.5
98	66.0	43.9	81.5



#34
 Trichloroethene
 Concen: 9.360 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055825.D
 Acq: 20 Oct 2023 12:06

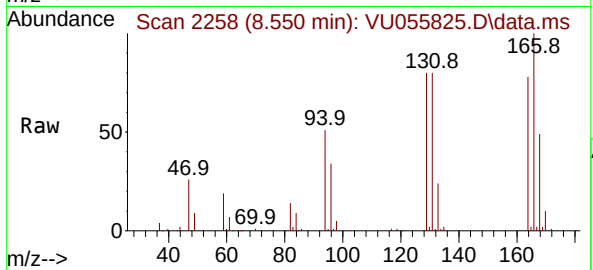
Tgt Ion:	95	Resp:	37385
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.5
132	89.3	61.8	114.8
130	88.8	66.6	123.8





#46
 Tetrachloroethene
 Concen: 24.595 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055825.D
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Tgt Ion:	164	Resp:	70336
Ion	Ratio	Lower	Upper
164	100		
129	102.3	70.7	131.3
131	102.4	65.9	122.5
166	128.3	87.8	163.0

