

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055842.D
 Acq On : 20 Oct 2023 19:04
 Operator : MD/SY
 Sample : 04947-07 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J4

Quant Time: Oct 23 01:10:03 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)

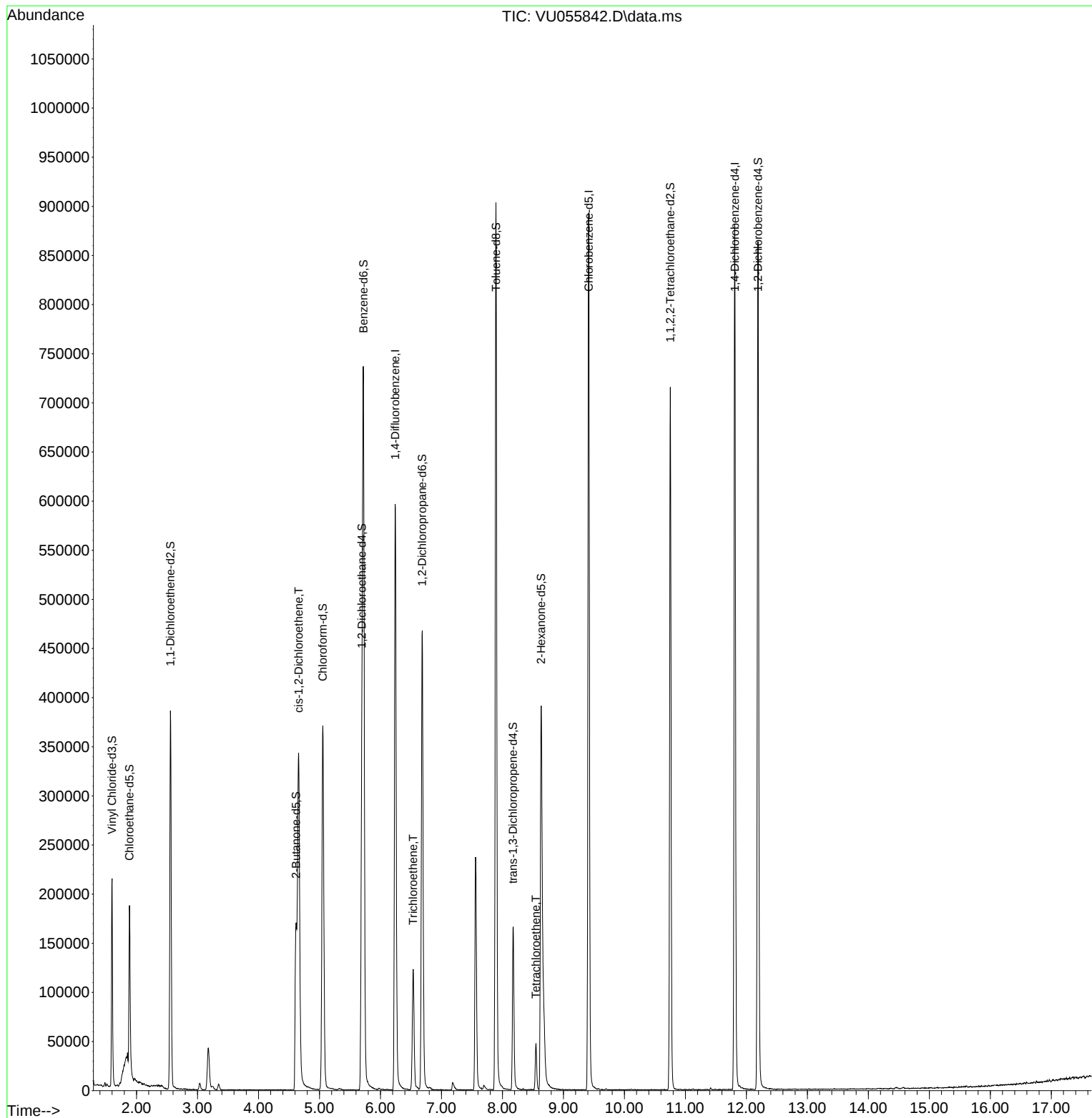
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	489431	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	499043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	234513	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	156745	35.705	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	71.400%	
7) Chloroethane-d5	1.885	69	142807	39.796	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.557	63	234259	29.927	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.860%#	
21) 2-Butanone-d5	4.615	46	264668	81.363	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	81.360%	
24) Chloroform-d	5.055	84	349820	41.566	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.140%	
26) 1,2-Dichloroethane-d4	5.695	65	235472	45.456	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.920%	
32) Benzene-d6	5.721	84	685184	42.912	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.820%	
36) 1,2-Dichloropropane-d6	6.685	67	225608	44.632	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	89.260%	
41) Toluene-d8	7.894	98	600097	41.622	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.240%	
43) trans-1,3-Dichloroprop...	8.174	79	96532	39.755	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	79.500%	
47) 2-Hexanone-d5	8.634	63	129427	65.130	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	65.130%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	357643	45.966	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.940%	
66) 1,2-Dichlorobenzene-d4	12.190	152	234757	50.444	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.880%	
Target Compounds						
						Qvalue
20) cis-1,2-Dichloroethene	4.660	96	166759	41.181	ug/L	98
34) Trichloroethene	6.537	95	39345	9.115	ug/L	98
46) Tetrachloroethene	8.550	164	9491	3.071	ug/L	86

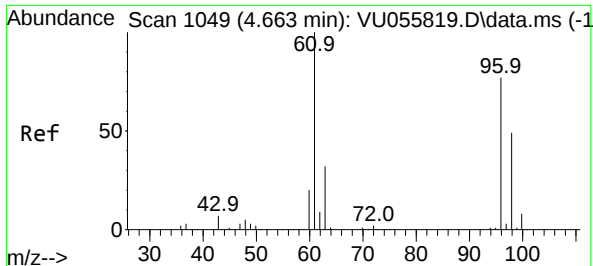
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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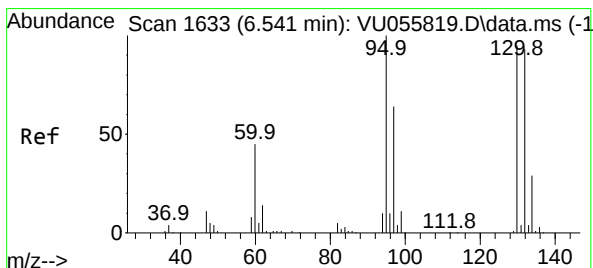
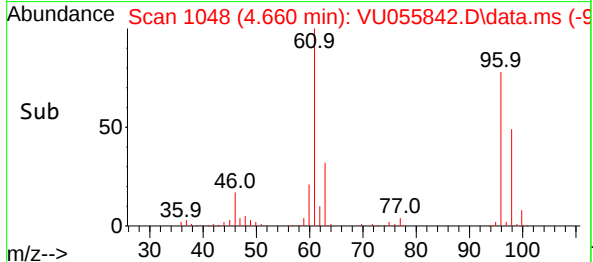
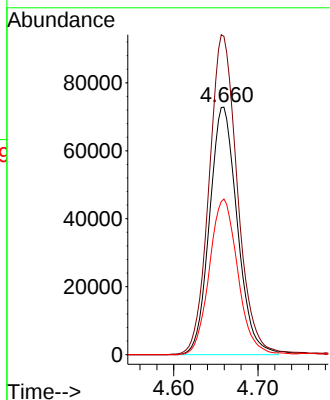
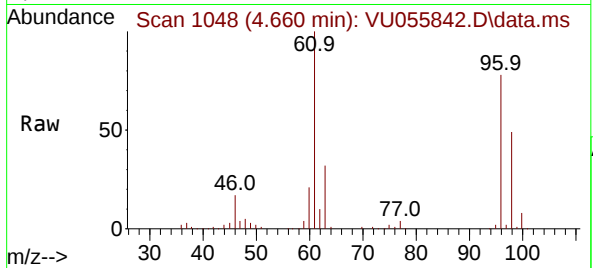




#20
 cis-1,2-Dichloroethene
 Concen: 41.181 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055842.D
 Acq: 20 Oct 2023 19:04

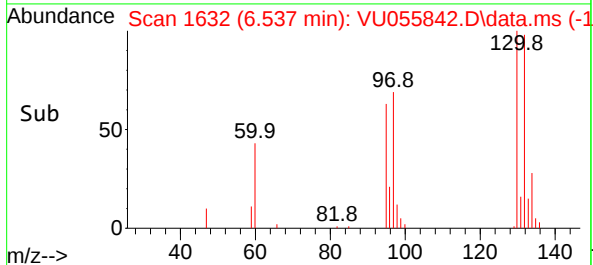
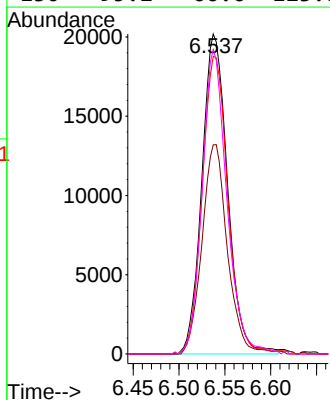
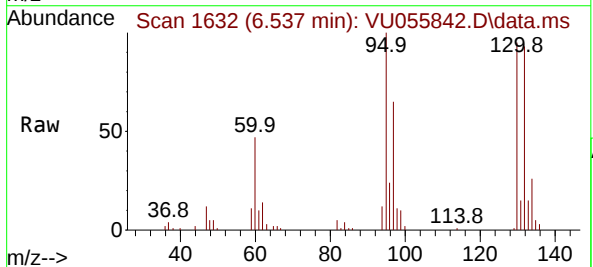
Instrument :
 MSVOA_U
 ClientSampleId :
 E45J4

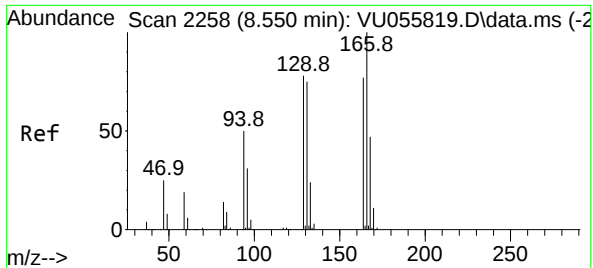
Tgt Ion: 96 Resp: 166759
 Ion Ratio Lower Upper
 96 100
 61 128.6 92.3 171.5
 98 62.9 43.9 81.5



#34
 Trichloroethene
 Concen: 9.115 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.003 min
 Lab File: VU055842.D
 Acq: 20 Oct 2023 19:04

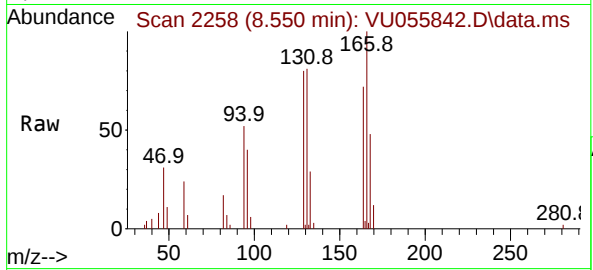
Tgt Ion: 95 Resp: 39345
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.4 82.5
 132 93.0 61.8 114.8
 130 95.2 66.6 123.8





#46
Tetrachloroethene
Concen: 3.071 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055842.D
Acq: 20 Oct 2023 19:04

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Tgt Ion:	164	Resp:	9491
Ion	Ratio	Lower	Upper
164	100		
129	110.8	70.7	131.3
131	113.2	65.9	122.5
166	139.2	87.8	163.0

