

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051064.D
 Acq On : 01 Oct 2022 03:26
 Operator : JC/MD
 Sample : N4869-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J36

Quant Time: Oct 01 04:32:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

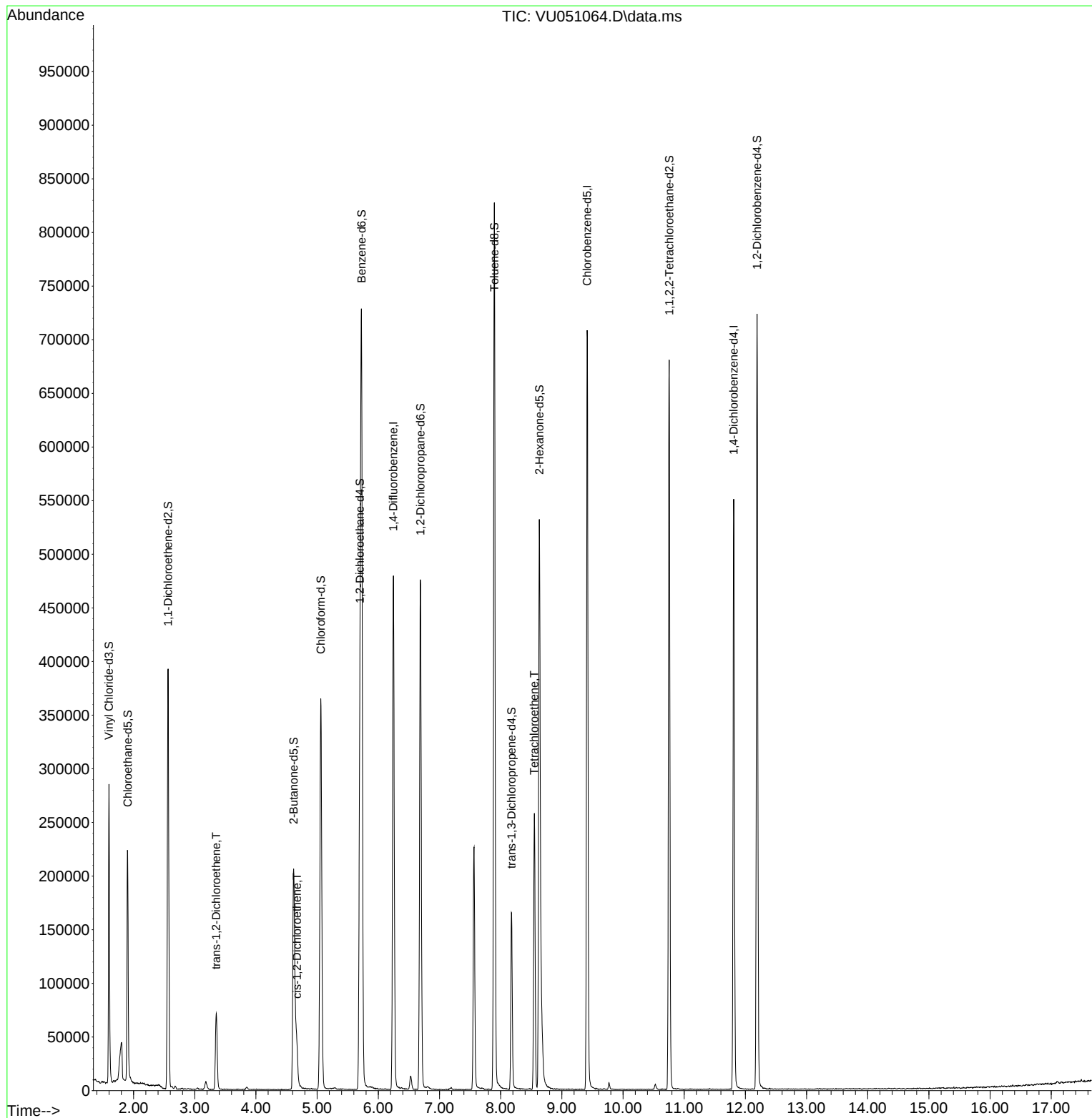
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	377548	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	384432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	199933	52.253	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	104.500%	
7) Chloroethane-d5	1.903	69	167535	47.136	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	94.280%	
11) 1,1-Dichloroethene-d2	2.562	63	231669	40.989	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.980%	
21) 2-Butanone-d5	4.617	46	290807	117.183	ug/L	-0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	117.180%	
24) Chloroform-d	5.060	84	337734	54.786	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.580%	
26) 1,2-Dichloroethane-d4	5.700	65	219893	57.629	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.260%	
32) Benzene-d6	5.726	84	676730	60.113	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	120.220%	
36) 1,2-Dichloropropane-d6	6.687	67	228326	62.504	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	125.000%#	
41) Toluene-d8	7.896	98	550453	52.922	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.840%	
43) trans-1,3-Dichloroprop...	8.179	79	90033	51.673	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	103.340%	
47) 2-Hexanone-d5	8.632	63	159937	108.430	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.430%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	341923	53.557	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	107.120%	
66) 1,2-Dichlorobenzene-d4	12.192	152	184778	61.139	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	122.280%#	
Target Compounds						
17) trans-1,2-Dichloroethene	3.350	96	30624	10.692	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	18525	5.792	ug/L	100
46) Tetrachloroethene	8.549	164	54465	23.675	ug/L	98

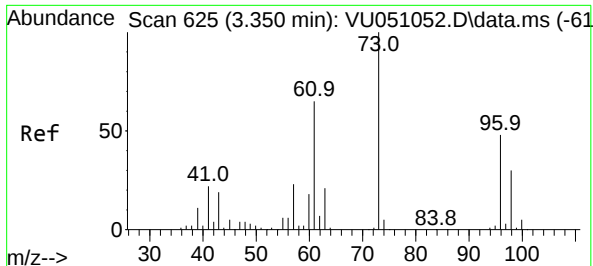
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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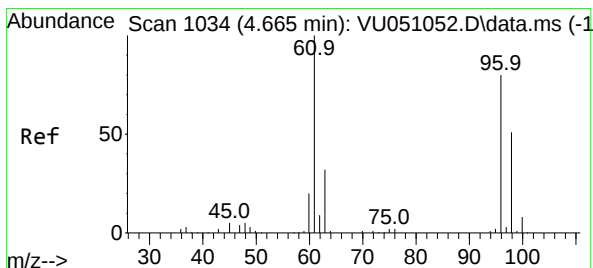
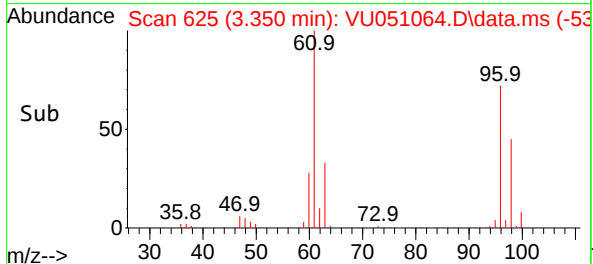
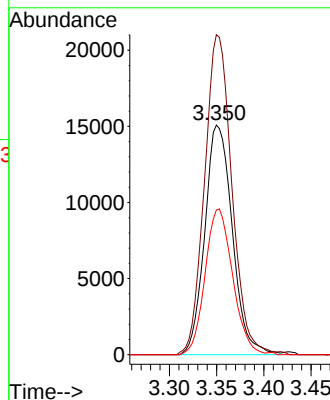
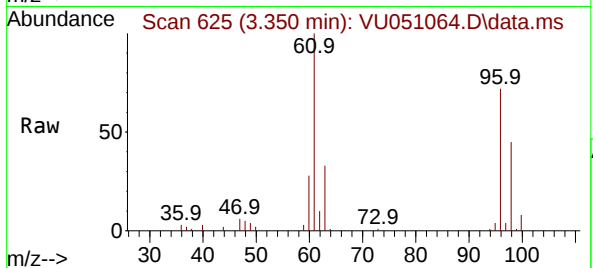




#17
trans-1,2-Dichloroethene
Concen: 10.692 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051064.D
Acq: 01 Oct 2022 03:26

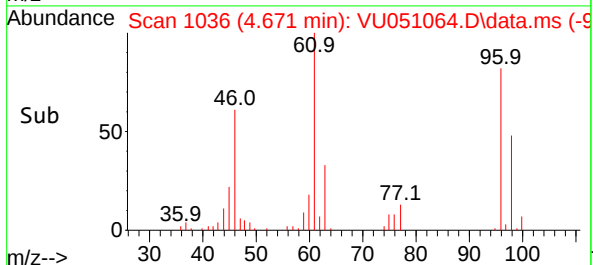
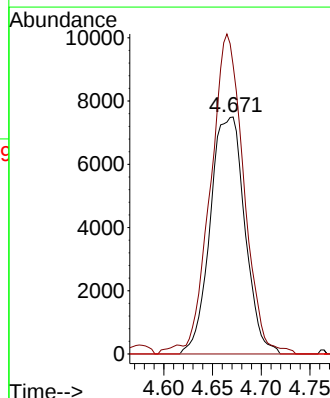
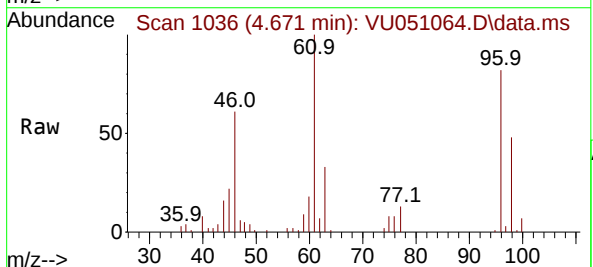
Instrument :
MSVOA_U
ClientSampleId :
F5J36

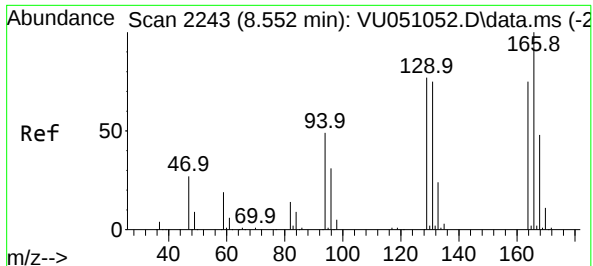
Tgt Ion: 96 Resp: 30624
Ion Ratio Lower Upper
96 100
61 139.4 95.1 176.5
98 63.0 45.1 83.7



#20
cis-1,2-Dichloroethene
Concen: 5.792 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU051064.D
Acq: 01 Oct 2022 03:26

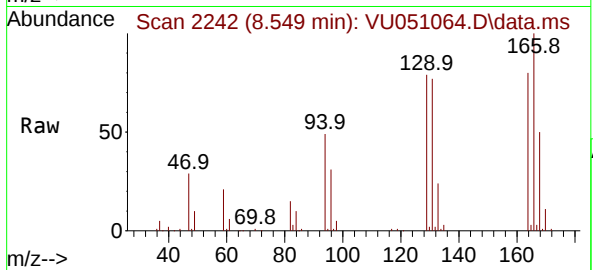
Tgt Ion: 96 Resp: 18525
Ion Ratio Lower Upper
96 100
61 121.8 85.4 158.6
68 0.0 0.0 0.0





#46
Tetrachloroethene
Concen: 23.675 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051064.D
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Tgt Ion:	164	Resp:	54465
Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.1	126.5
131	96.6	67.8	126.0
166	125.4	90.5	168.1

