

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053084.D
 Acq On : 13 Feb 2023 16:36
 Operator : JC/MD
 Sample : 01533-05DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM76DL

Quant Time: Feb 14 00:47:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

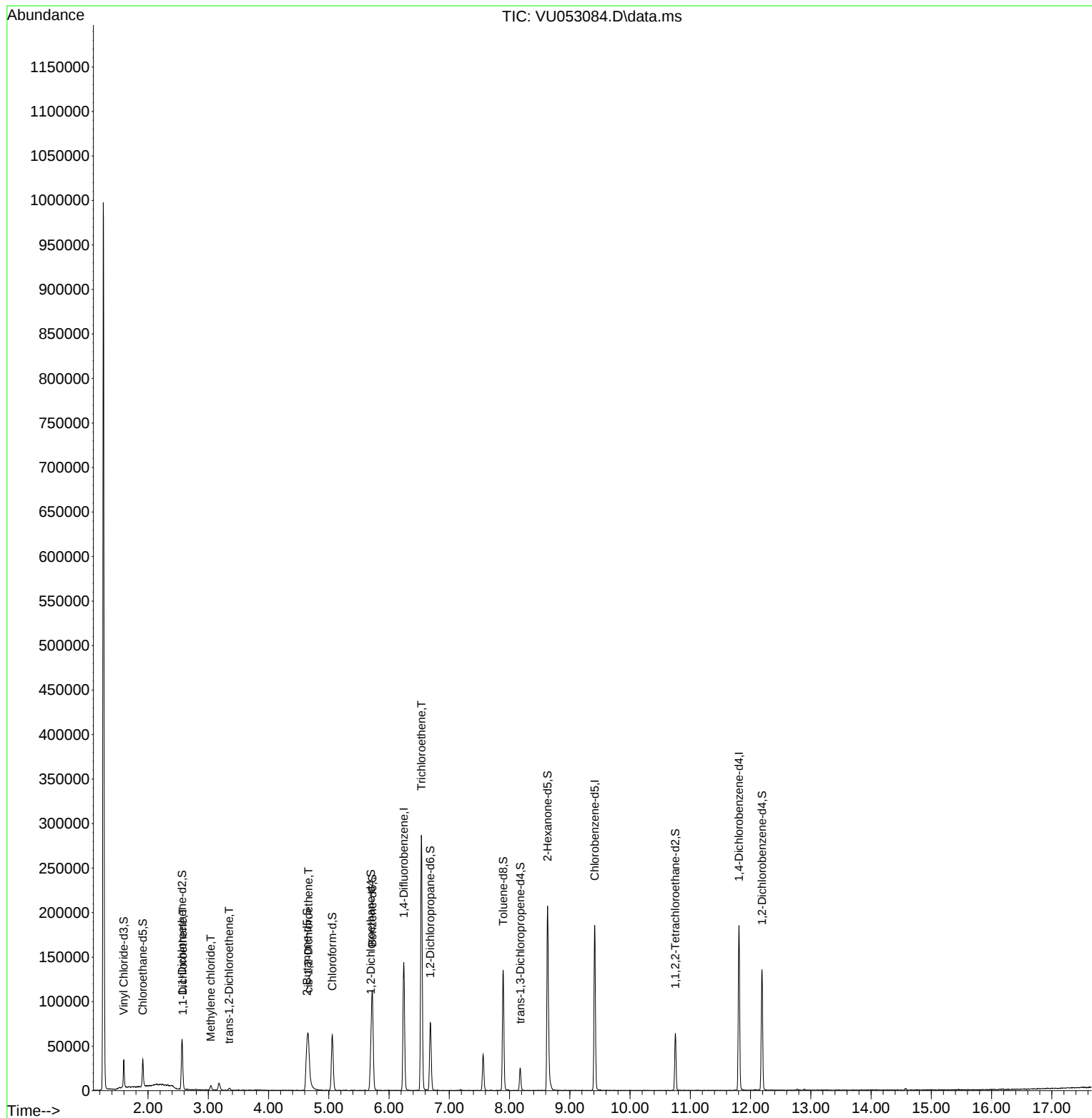
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	114993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	101341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	21899	3.975	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.600%	
7) Chloroethane-d5	1.913	69	22445	4.335	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.566	65	10424	4.125	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.640	46	92371	54.749	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.500%	
24) Chloroform-d	5.058	84	56043	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.698	65	30060	4.706	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.723	84	106135	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.685	67	37861	4.773	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.894	98	91562	4.451	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	8.177	79	14882	4.635	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.630	63	77021	54.029	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.060%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	32877	4.827	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	33438	4.910	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	1945	0.286	ug/L	# 1
16) Methylene chloride	3.042	84	2756	0.350	ug/L	88
18) trans-1,2-Dichloroethene	3.347	96	1178	0.164	ug/L	83
22) cis-1,2-Dichloroethene	4.662	96	15452	1.902	ug/L	96
34) Trichloroethene	6.537	95	95681	11.644	ug/L	98

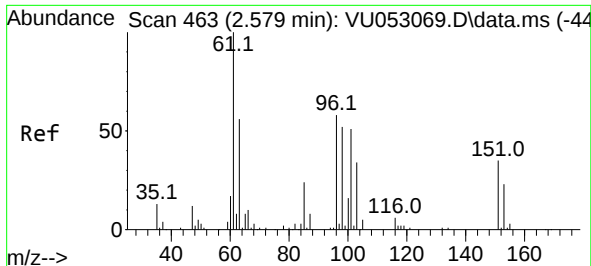
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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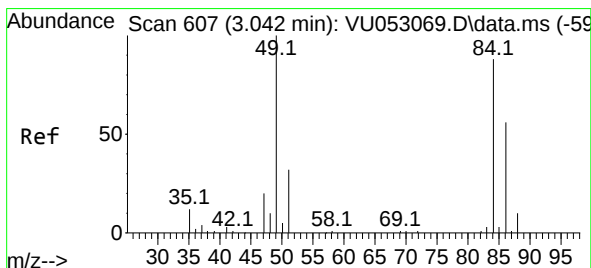
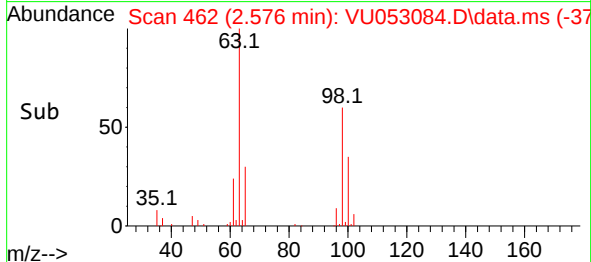
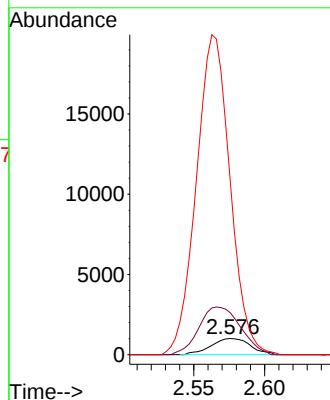
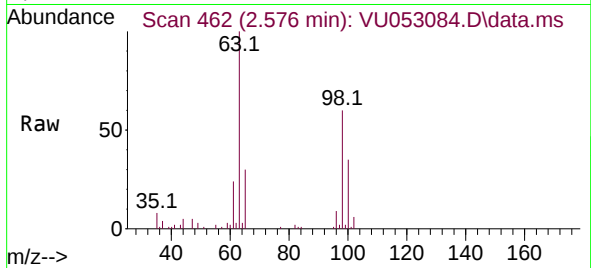




#12
1,1-Dichloroethene
Concen: 0.286 ug/L
RT: 2.576 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

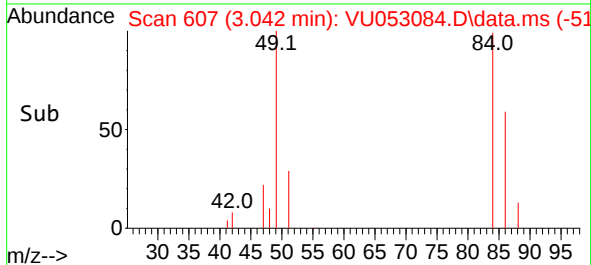
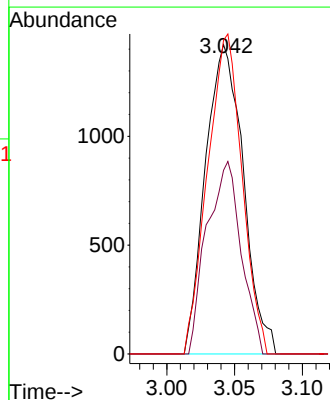
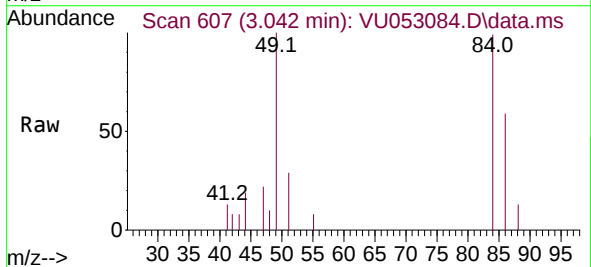
Instrument :
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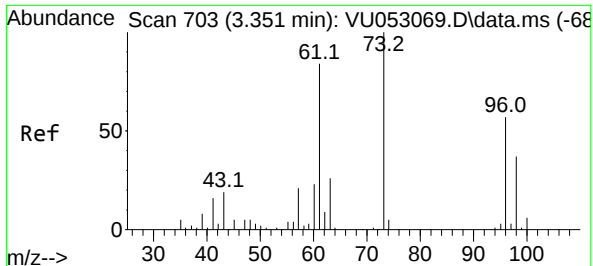
Tgt Ion: 96 Resp: 1945
Ion Ratio Lower Upper
96 100
61 260.1 115.1 213.7#
63 1081.8 63.6 118.0#



#16
Methylene chloride
Concen: 0.350 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

Tgt Ion: 84 Resp: 2756
Ion Ratio Lower Upper
84 100
86 59.4 44.9 83.3
49 101.4 82.6 153.4

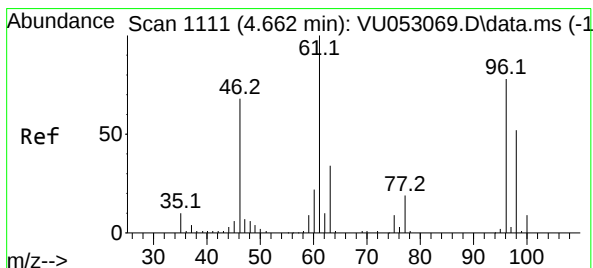
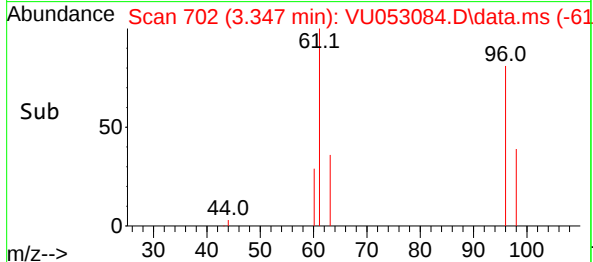
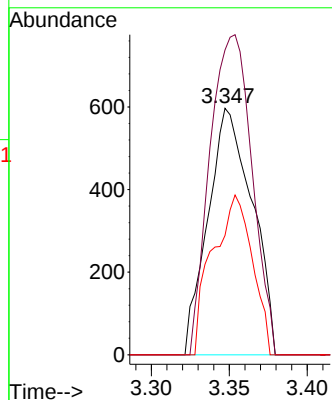
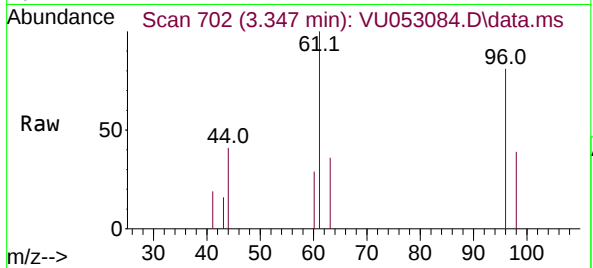




#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 3.347 min Scan# 703
Delta R.T. -0.003 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

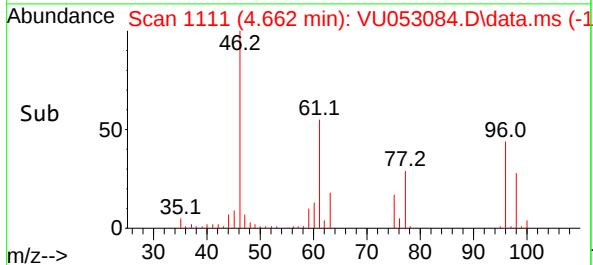
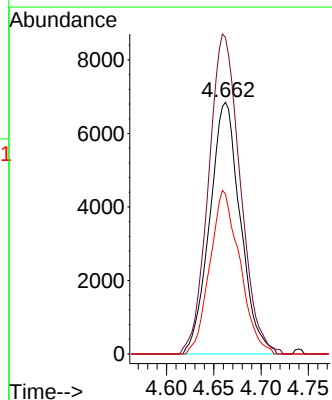
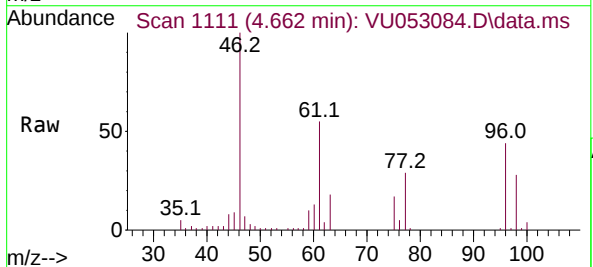
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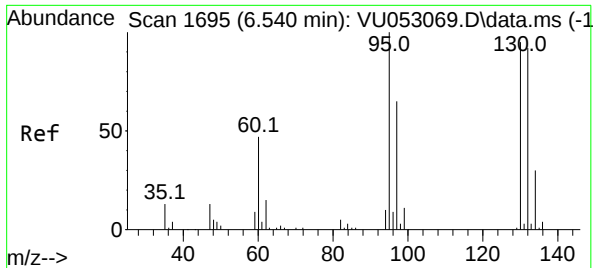
Tgt Ion: 96 Resp: 1178
Ion Ratio Lower Upper
96 100
61 123.6 99.5 184.9
98 48.4 44.8 83.2



#22
cis-1,2-Dichloroethene
Concen: 1.902 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053084.D
Acq: 13 Feb 2023 16:36

Tgt Ion: 96 Resp: 15452
Ion Ratio Lower Upper
96 100
61 125.8 90.9 168.9
98 63.6 47.0 87.4





#34
 Trichloroethene
 Concen: 11.644 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU053084.D
 Acq: 13 Feb 2023 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 COM76DL

Tgt Ion: 95 Resp: 95681

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.7	82.9
132	90.1	62.3	115.7
130	95.3	64.0	118.8

