

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050284.D
 Acq On : 12 Aug 2022 16:06
 Operator : SY/MD
 Sample : N4072-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU1

Quant Time: Aug 12 23:17:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

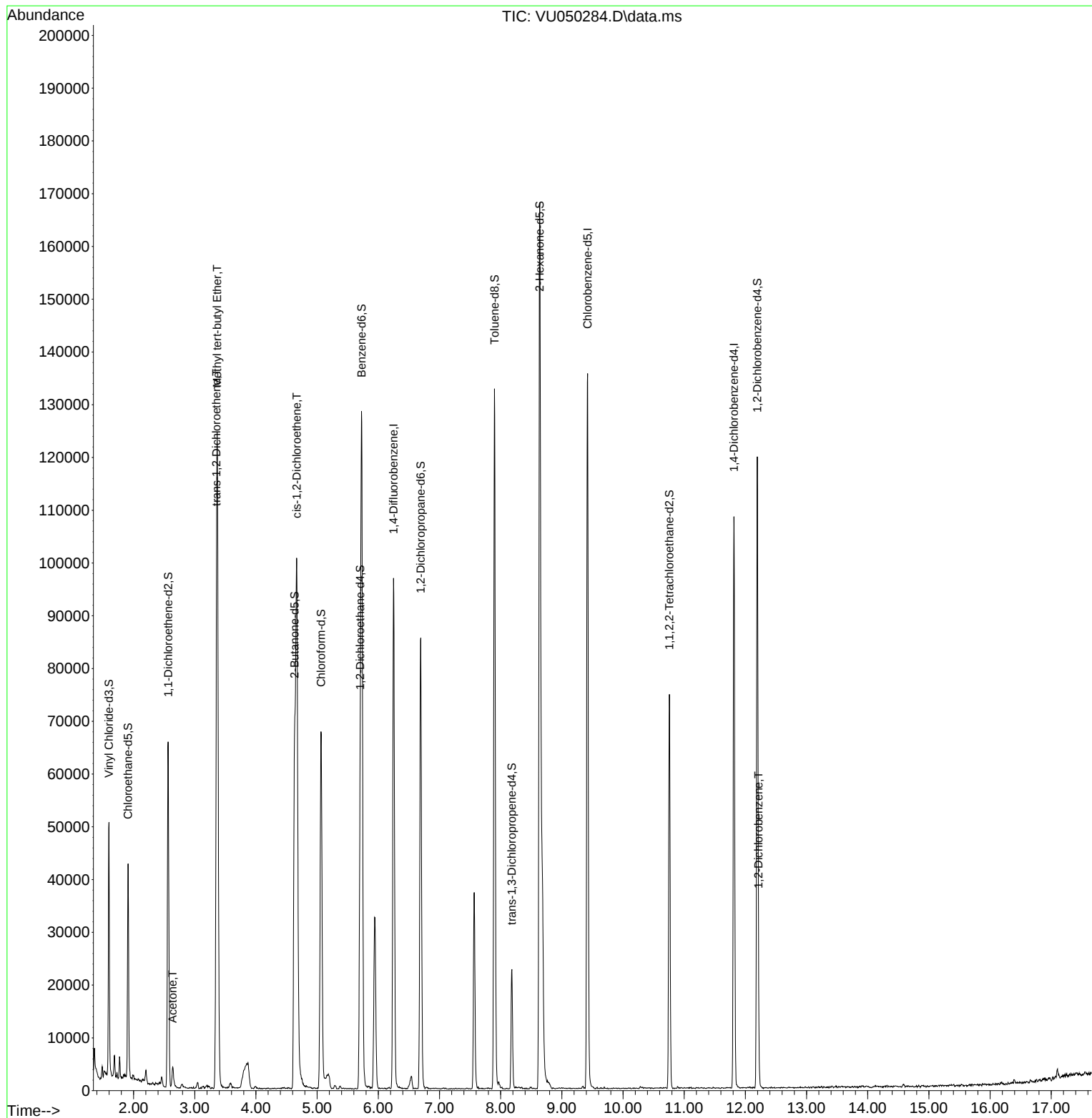
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79876	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	78582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34632	5.210	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5	1.909	69	29092	5.425	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.565	65	12203	4.697	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.633	46	101211	62.437	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.880%	
24) Chloroform-d	5.063	84	64106	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.703	65	34754	5.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	5.729	84	121349	4.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.694	67	43051	5.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.899	98	92907	4.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13826	4.778	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.636	63	51337	50.027	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38359	5.409	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32666	5.510	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.200%	
Target Compounds						Qvalue
13) Acetone	2.639	43	5653	6.262	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	129872	9.013	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	1846	0.299	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	45047	6.565	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	2900	0.294	ug/L	97

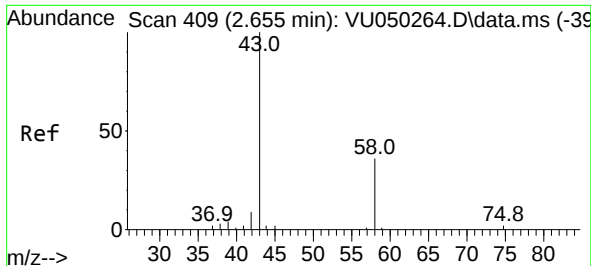
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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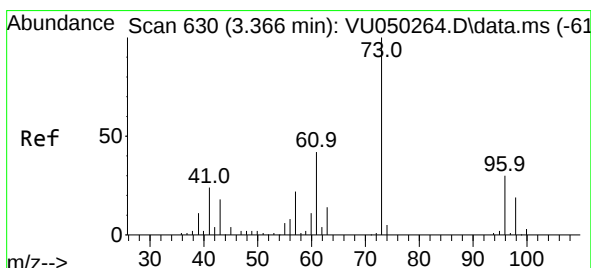
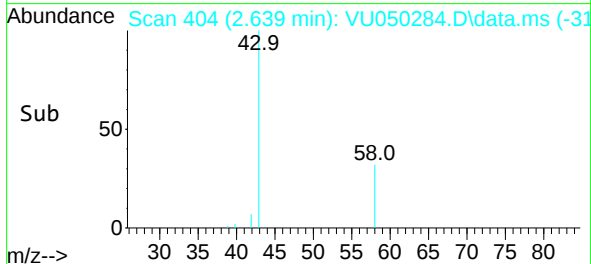
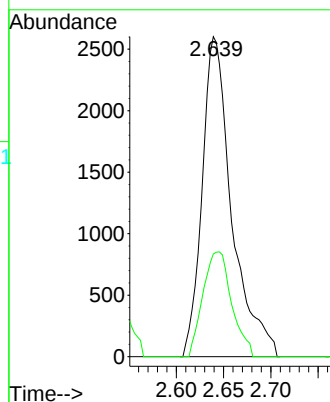
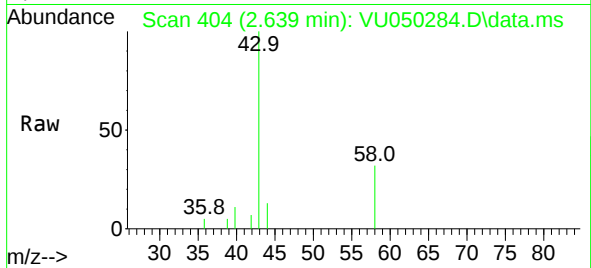




#13
Acetone
Concen: 6.262 ug/L
RT: 2.639 min Scan# 40
Delta R.T. -0.016 min
Lab File: VU050284.D
Acq: 12 Aug 2022 16:06

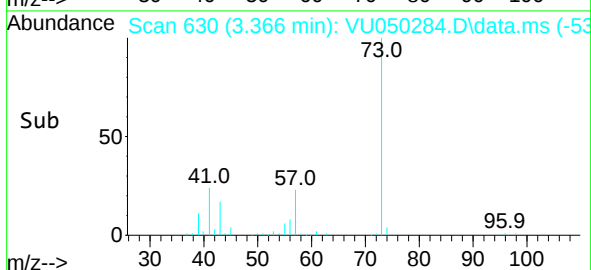
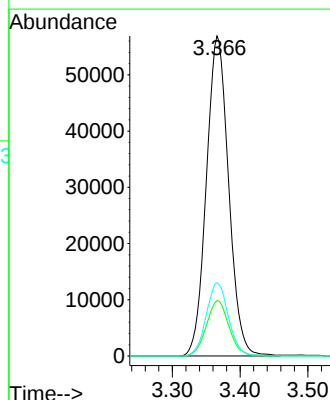
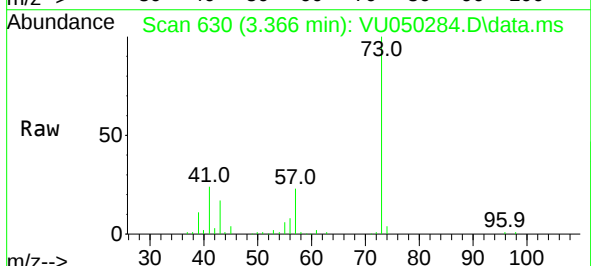
Instrument :
MSVOA_U
ClientSampleId :
DBUU1

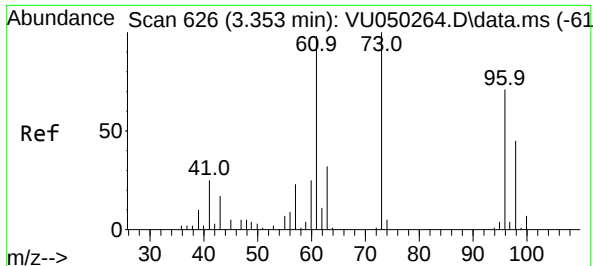
Tgt Ion: 43 Resp: 5653
Ion Ratio Lower Upper
43 100
58 31.8 0.0 64.0



#17
Methyl tert-butyl Ether
Concen: 9.013 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050284.D
Acq: 12 Aug 2022 16:06

Tgt Ion: 73 Resp: 129872
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 22.9 17.4 26.2

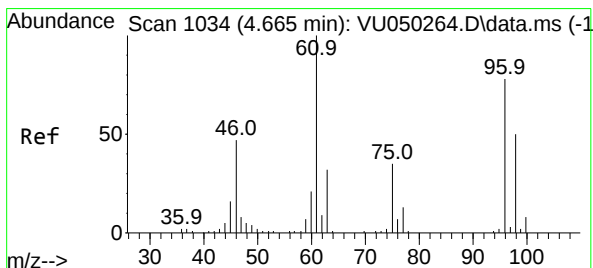
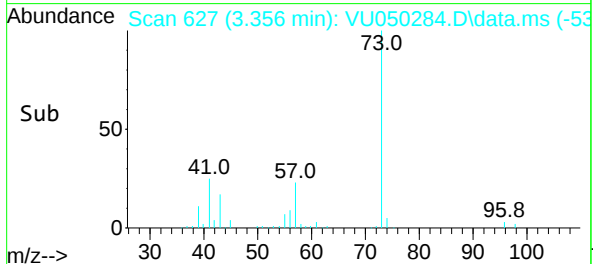
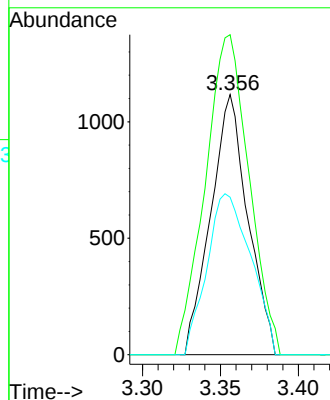
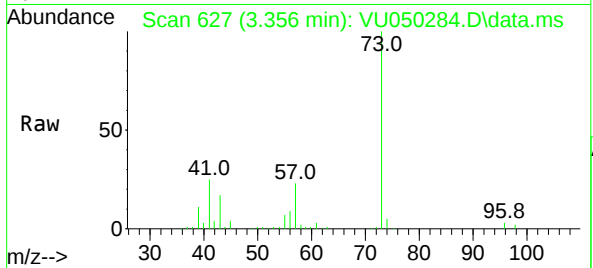




#18
trans-1,2-Dichloroethene
Concen: 0.299 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050284.D
Acq: 12 Aug 2022 16:06

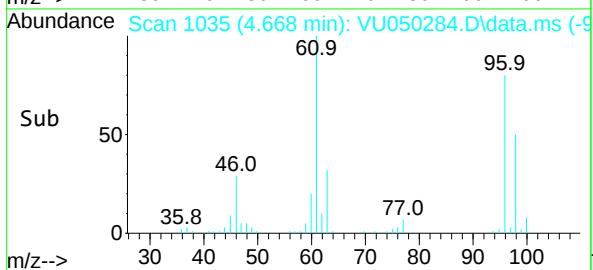
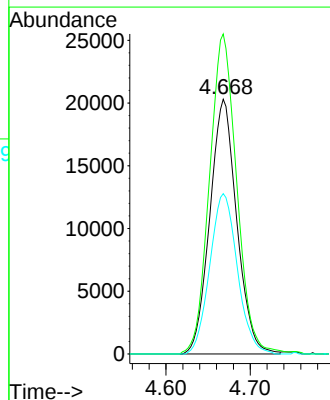
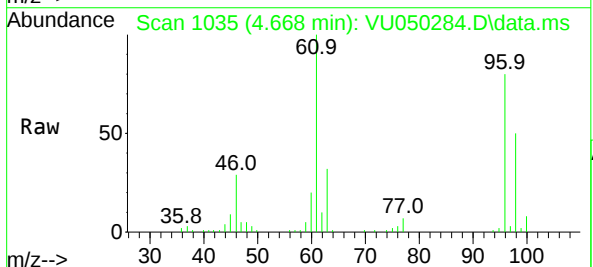
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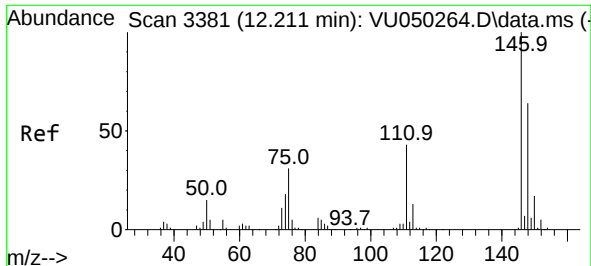
Tgt Ion: 96 Resp: 1846
Ion Ratio Lower Upper
96 100
61 123.0 92.3 171.5
98 60.5 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 6.565 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050284.D
Acq: 12 Aug 2022 16:06

Tgt Ion: 96 Resp: 45047
Ion Ratio Lower Upper
96 100
61 125.6 89.0 165.4
98 63.0 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.294 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050284.D

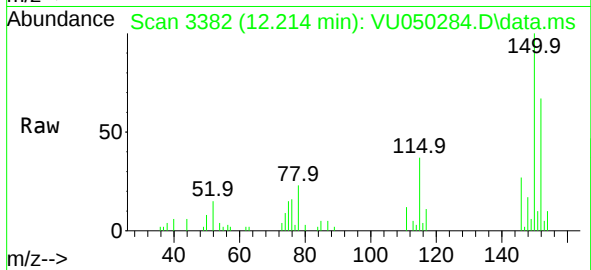
Acq: 12 Aug 2022 16:06

Instrument :

MSVOA_U

ClientSampleId :

DBUU1



Tgt Ion:146 Resp: 2900

Ion Ratio Lower Upper

146 100

111 45.0 32.9 49.3

148 64.1 50.4 75.6

