

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050288.D
 Acq On : 12 Aug 2022 18:25
 Operator : SY/MD
 Sample : N4072-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUU3

Quant Time: Aug 13 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

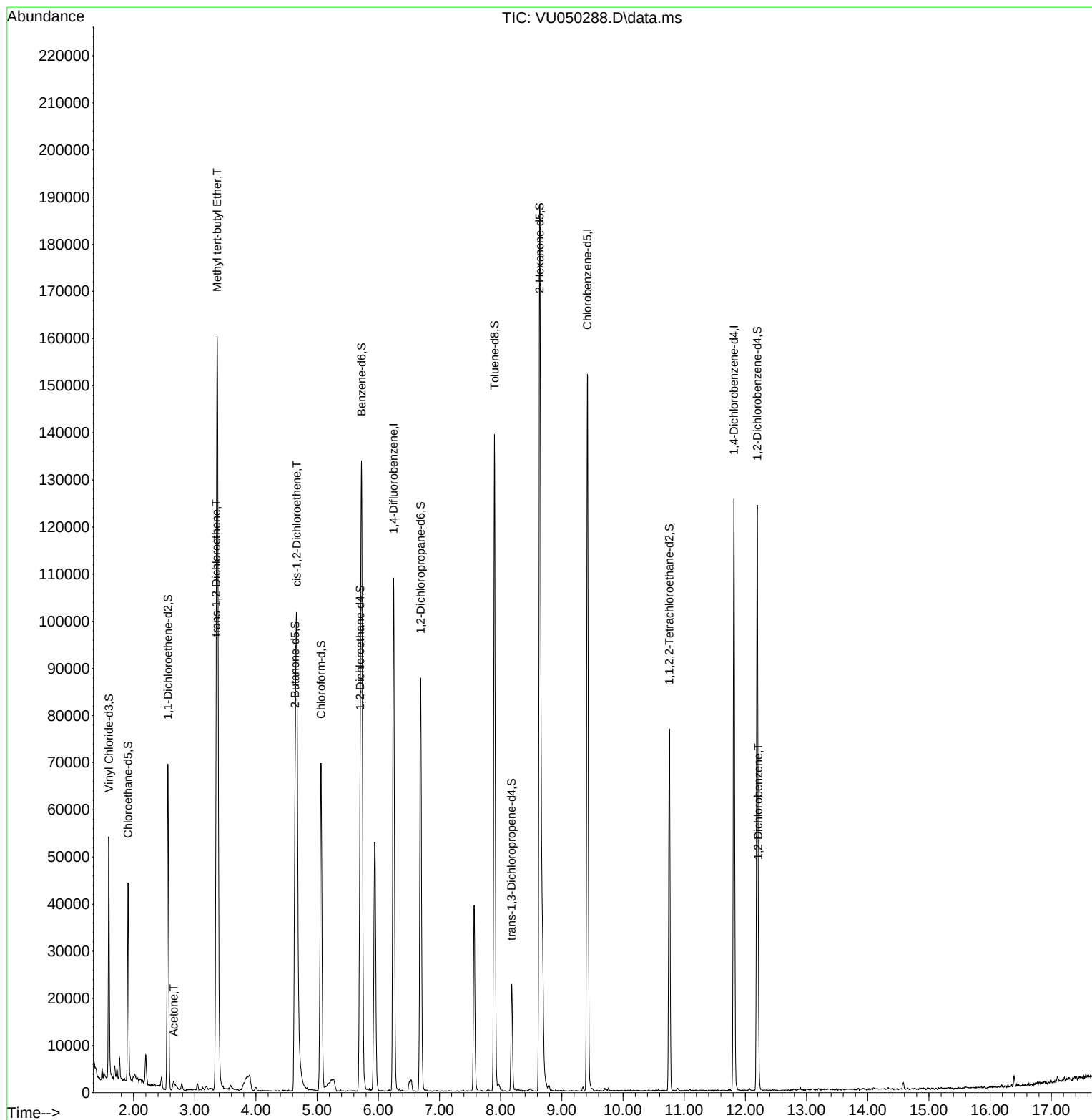
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89681	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35986	4.822	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.909	69	31066	5.159	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.562	65	13279	4.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.000%	
20) 2-Butanone-d5	4.642	46	111147	61.070	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.140%	
24) Chloroform-d	5.063	84	66319	4.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.703	65	36117	5.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.726	84	125398	4.543	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.694	67	44624	4.910	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.899	98	95882	3.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.179	79	13791	4.234	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.636	63	57896	50.128	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.260%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39530	4.953	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33268	5.124	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
					Qvalue	
13) Acetone	2.658	43	4283	4.226	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	171154	10.579	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	2063	0.297	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	34883	4.528	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	2485	0.230	ug/L #	91

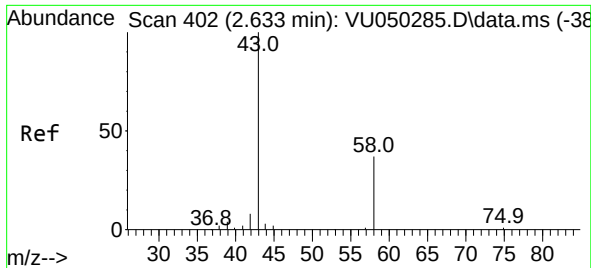
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.226 ug/L

RT: 2.658 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU050288.D

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MSVOA_U

ClientSampleId :

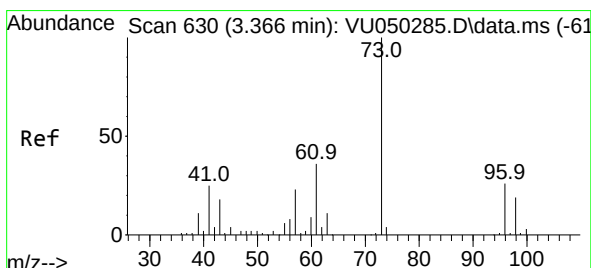
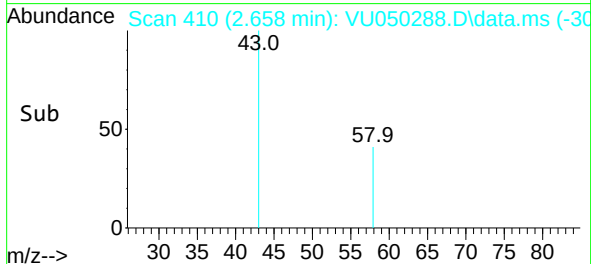
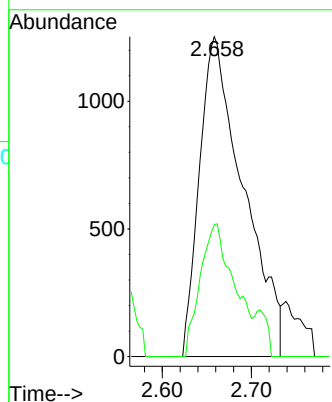
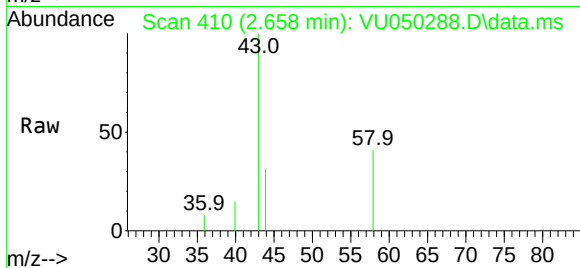
DBUU3

Tgt Ion: 43 Resp: 4283

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#17

Methyl tert-butyl Ether

Concen: 10.579 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU050288.D

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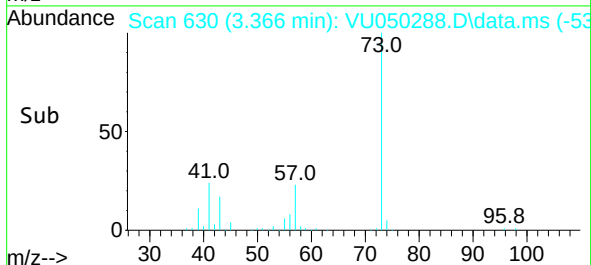
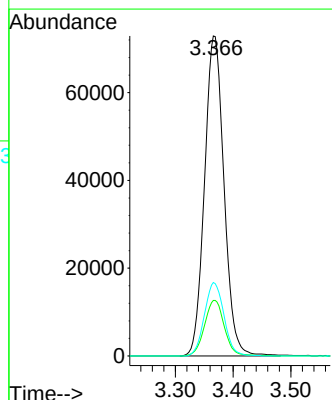
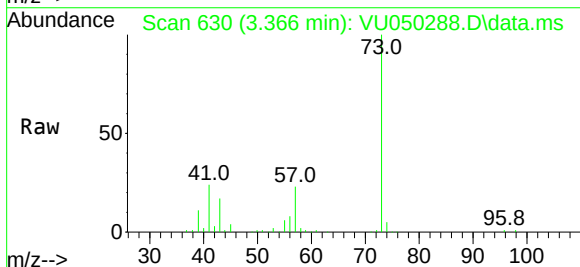
Tgt Ion: 73 Resp: 171154

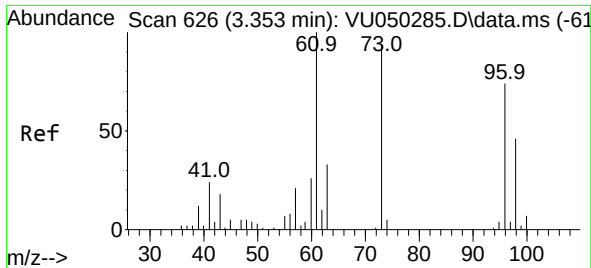
Ion Ratio Lower Upper

73 100

43 17.7 13.5 20.3

57 23.0 17.4 26.2

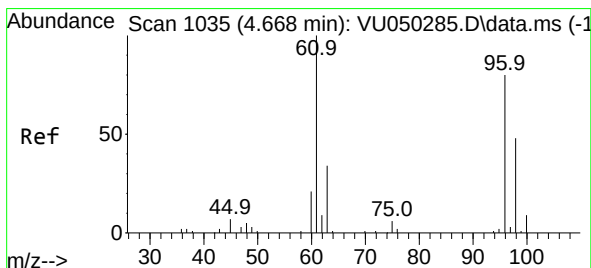
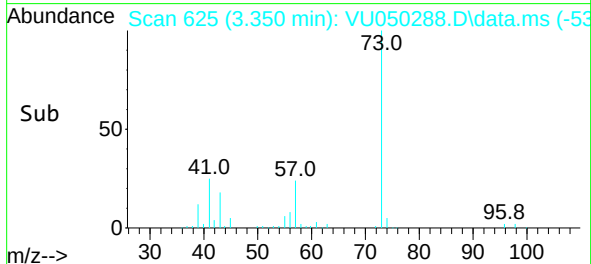
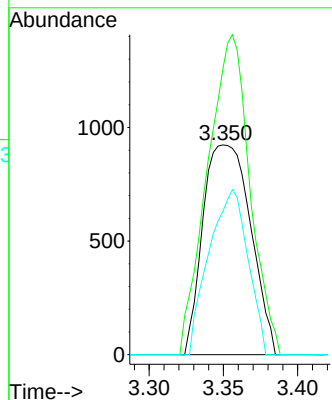
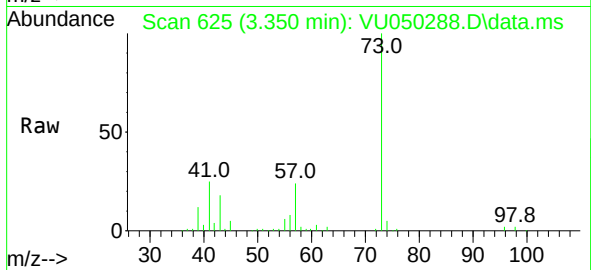




#18
trans-1,2-Dichloroethene
Concen: 0.297 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
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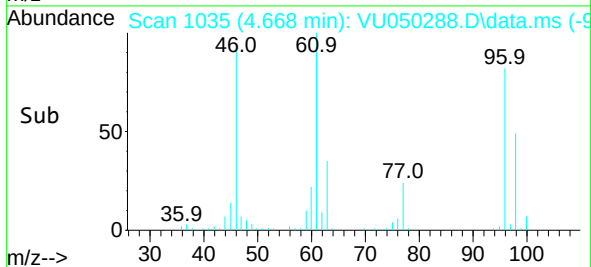
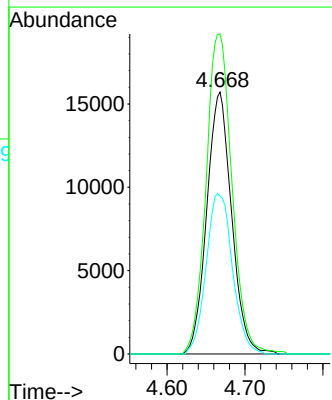
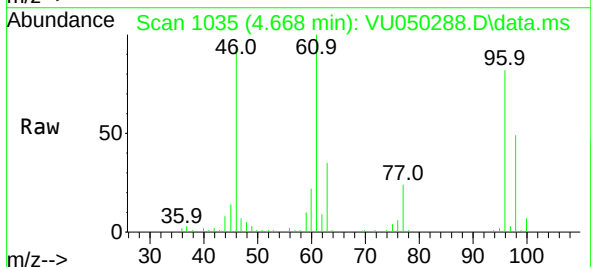
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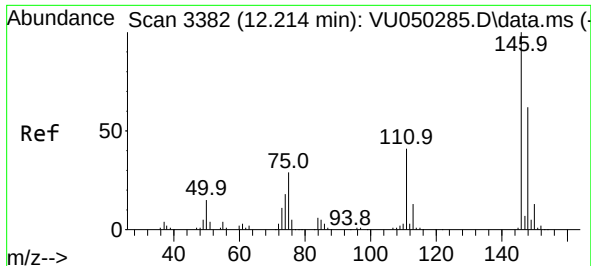
Tgt Ion: 96 Resp: 2063
Ion Ratio Lower Upper
96 100
61 136.3 92.3 171.5
98 68.4 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 4.528 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050288.D
Acq: 12 Aug 2022 18:25

Tgt Ion: 96 Resp: 34883
Ion Ratio Lower Upper
96 100
61 122.1 89.0 165.4
98 60.3 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.230 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050288.D

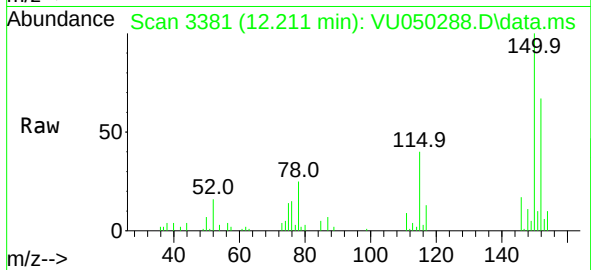
Acq: 12 Aug 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

DBUU3



Tgt Ion:146 Resp: 2485

Ion Ratio Lower Upper

146 100

111 51.1 32.9 49.3#

148 65.9 50.4 75.6

