

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052975.D
 Acq On : 06 Feb 2023 13:04
 Operator : JC/MD
 Sample : 01444-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM08DL

Quant Time: Feb 07 01:05:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

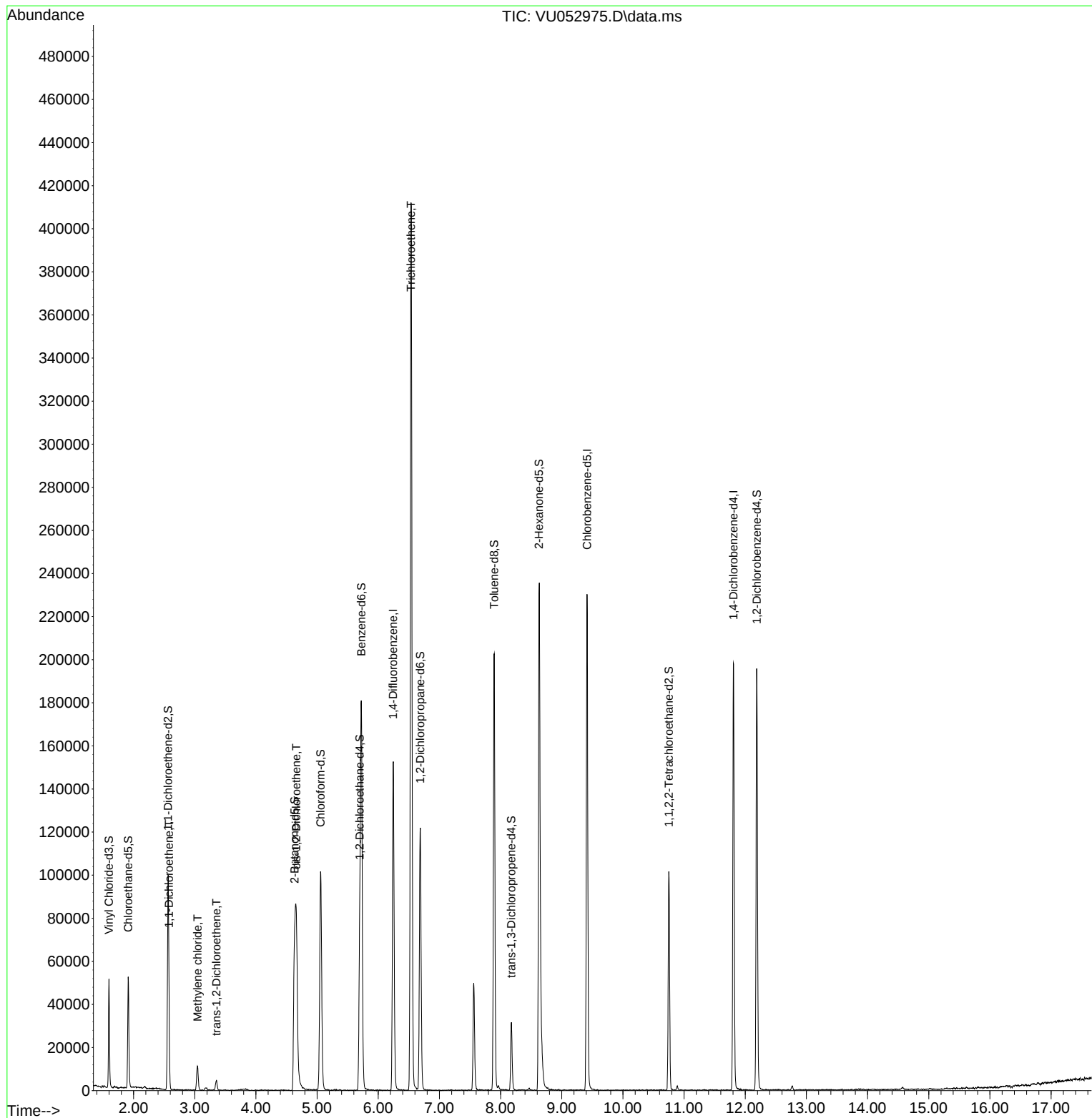
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	131194	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	57023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36361	3.155	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.000%	
7) Chloroethane-d5	1.912	69	39179	4.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18316	3.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	4.633	46	114561	37.174	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.340%	
24) Chloroform-d	5.057	84	99310	4.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.697	65	50632	4.586	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.723	84	181562	4.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.687	67	59925	4.083	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.896	98	142863	3.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.600%	
43) trans-1,3-Dichloroprop...	8.176	79	19395	3.554	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.000%	
46) 2-Hexanone-d5	8.629	63	76159	33.592	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.180%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50919	4.531	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	12.188	152	54875	5.286	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	3116	0.274	ug/L	# 1
16) Methylene chloride	3.044	84	5905	0.390	ug/L	81
18) trans-1,2-Dichloroethene	3.356	96	1993	0.172	ug/L	79
22) cis-1,2-Dichloroethene	4.661	96	30470	2.446	ug/L	84
34) Trichloroethene	6.536	95	141226	11.101	ug/L	92

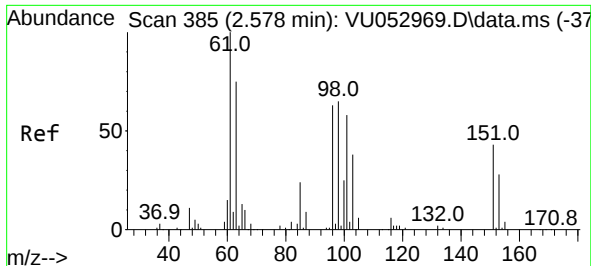
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.274 ug/L

RT: 2.578 min Scan# 3116

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

COM08DL

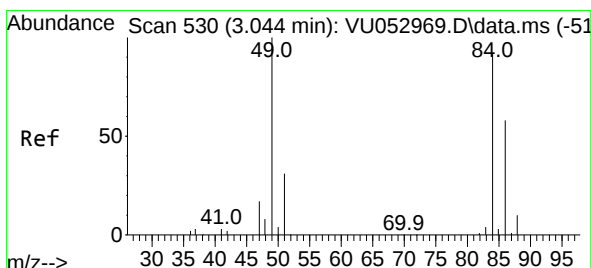
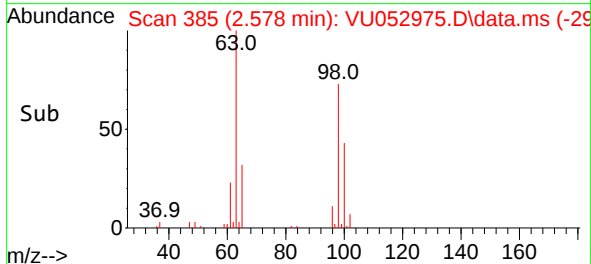
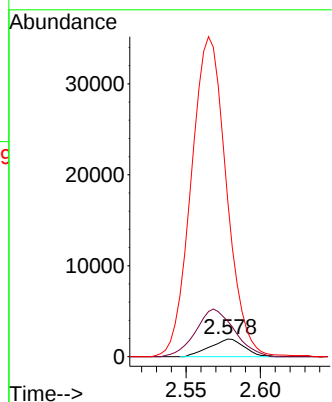
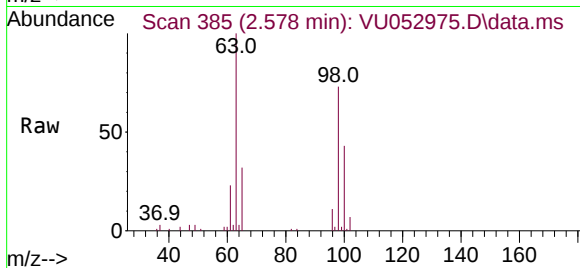
Tgt Ion: 96 Resp: 3116

Ion Ratio Lower Upper

96 100

61 202.6 129.6 240.8

63 892.5 83.7 155.5#



#16

Methylene chloride

Concen: 0.390 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU052975.D

Acq: 06 Feb 2023 13:04

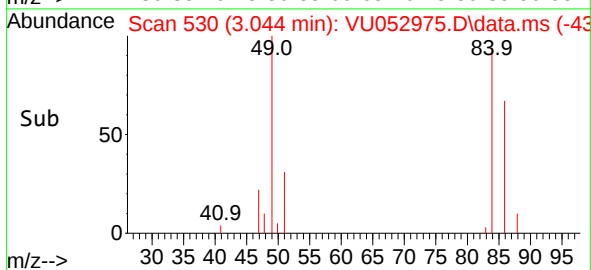
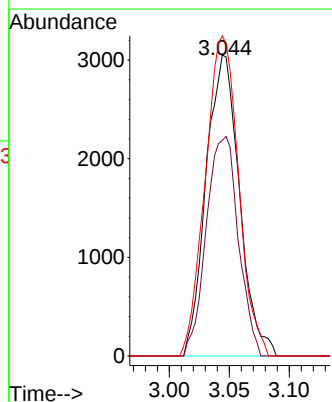
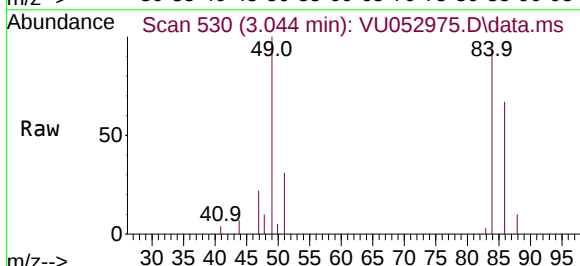
Tgt Ion: 84 Resp: 5905

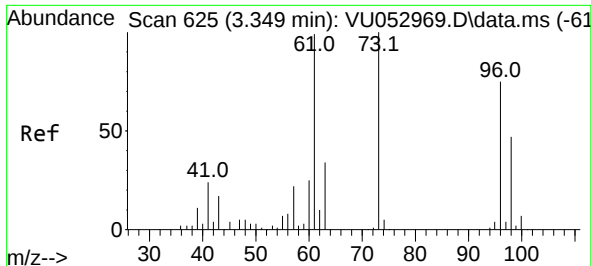
Ion Ratio Lower Upper

84 100

86 71.7 45.6 84.6

49 106.3 94.8 176.0

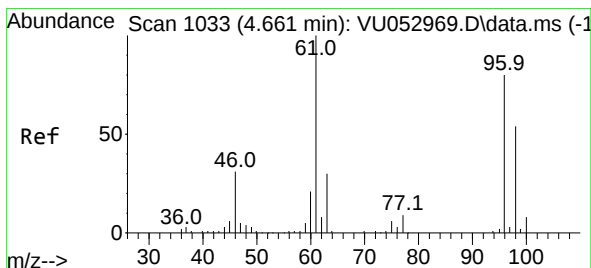
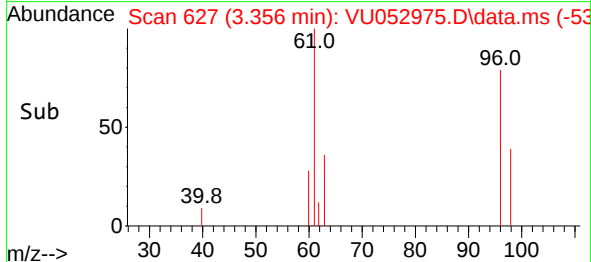
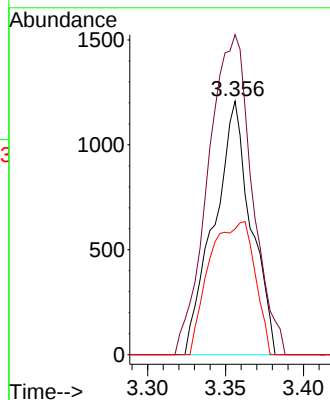
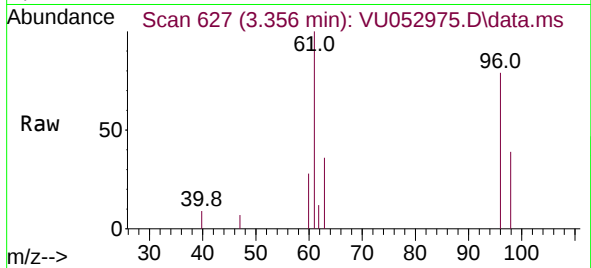




#18
trans-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU052975.D
Acq: 06 Feb 2023 13:04

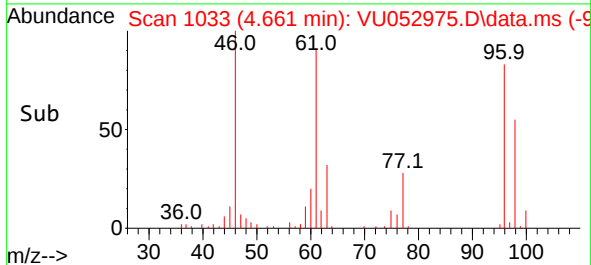
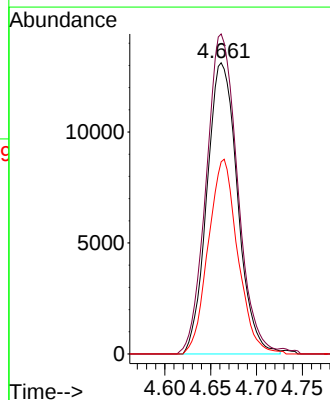
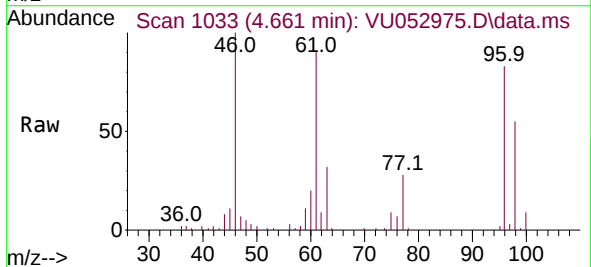
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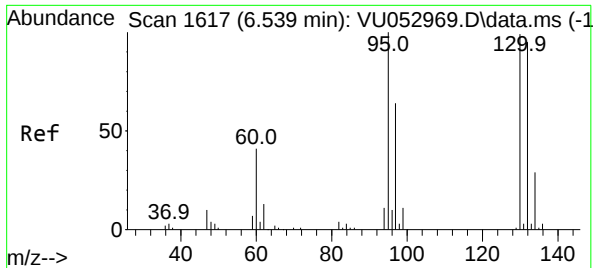
Tgt Ion: 96 Resp: 1993
Ion Ratio Lower Upper
96 100
61 126.2 108.4 201.4
98 49.6 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 2.446 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052975.D
Acq: 06 Feb 2023 13:04

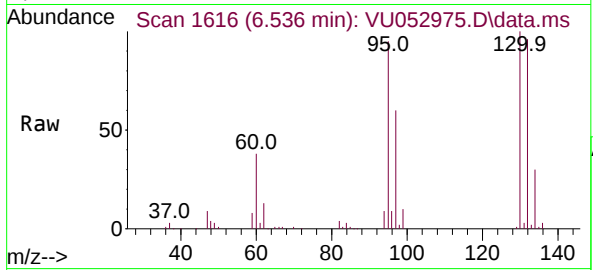
Tgt Ion: 96 Resp: 30470
Ion Ratio Lower Upper
96 100
61 109.9 94.6 175.8
98 66.0 43.3 80.3





#34
 Trichloroethene
 Concen: 11.101 ug/L
 RT: 6.536 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU052975.D
 Acq: 06 Feb 2023 13:04

Instrument :
 MSVOA_U
 ClientSampleId :
 COM08DL



Tgt Ion: 95 Resp: 141226

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.0	85.4
132	101.0	64.0	118.8
130	105.6	66.6	123.8

