

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051923\
 Data File : VU054218.D
 Acq On : 19 May 2023 14:40
 Operator : JC/MD
 Sample : 02844-21DL 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX15DL

Quant Time: May 20 02:08:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

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

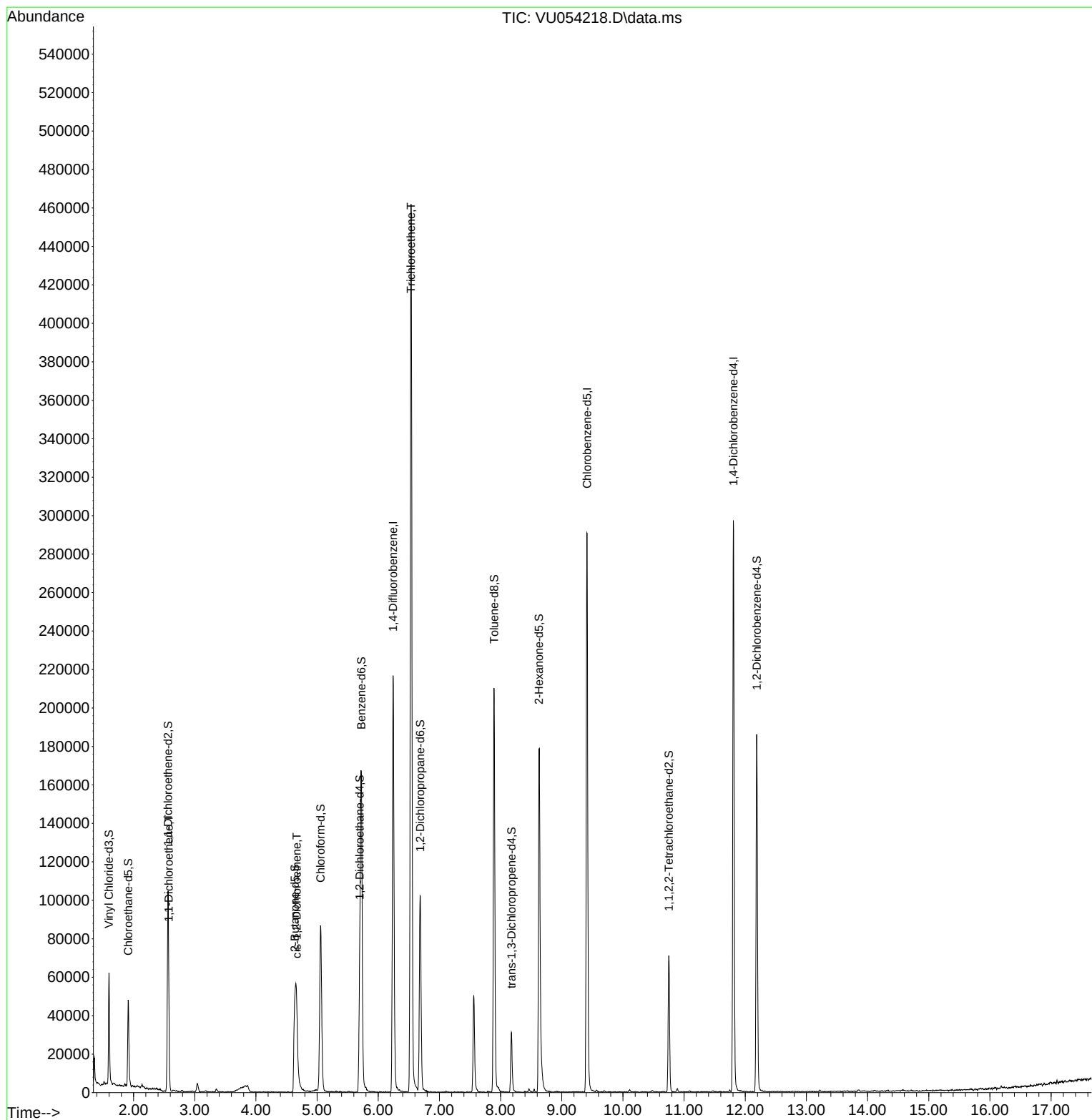
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	178757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	170708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43485	4.512	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.912	69	35271	4.892	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.565	65	20006	4.596	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	4.636	46	87570	50.952	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.900%	
24) Chloroform-d	5.060	84	82630	4.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.697	65	40380	4.844	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.722	84	164143	4.722	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.687	67	49662	4.942	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.893	98	143811	4.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.179	79	18377	4.528	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.629	63	64408	53.301	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.600%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35689	4.955	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	52253	5.226	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	1952	0.178	ug/L	# 1
22) cis-1,2-Dichloroethene	4.668	96	16391	1.260	ug/L	97
34) Trichloroethene	6.536	95	159166	12.249	ug/L	98

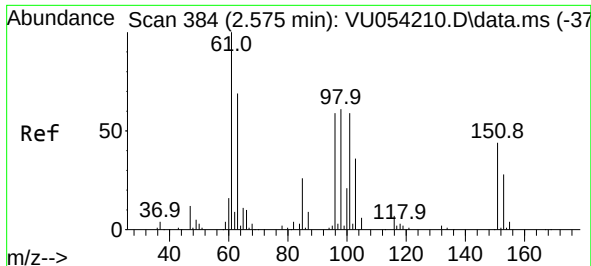
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.178 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

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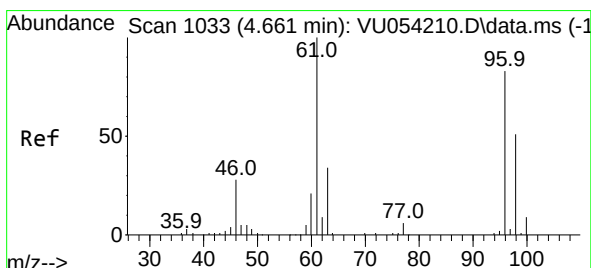
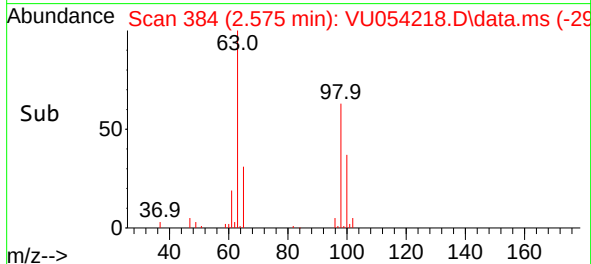
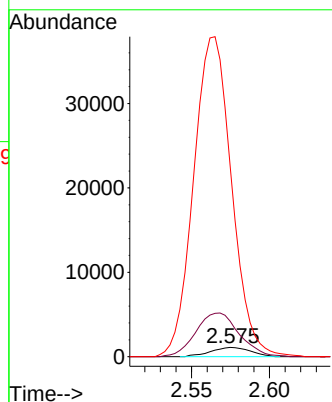
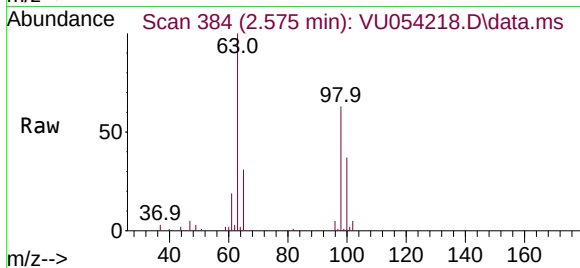
Tgt Ion: 96 Resp: 1952

Ion Ratio Lower Upper

96 100

61 382.6 114.7 212.9#

63 2060.1 68.6 127.4#



#22

cis-1,2-Dichloroethene

Concen: 1.260 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

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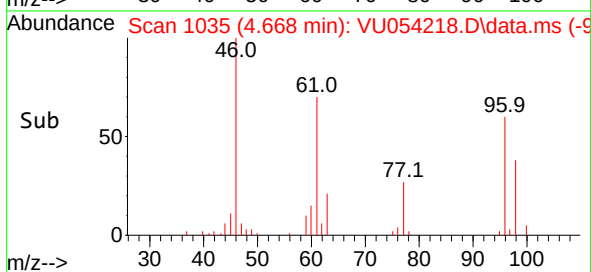
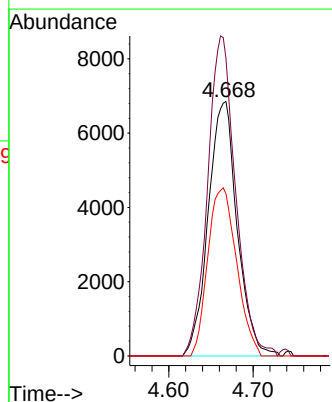
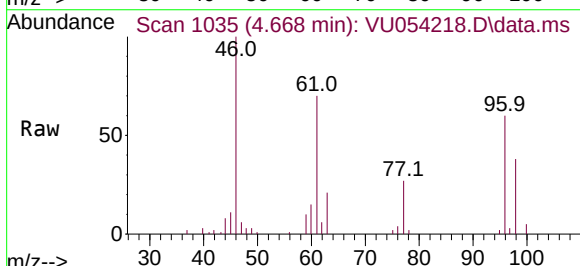
Tgt Ion: 96 Resp: 16391

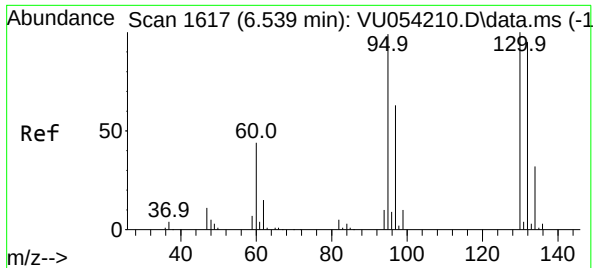
Ion Ratio Lower Upper

96 100

61 116.9 85.0 157.8

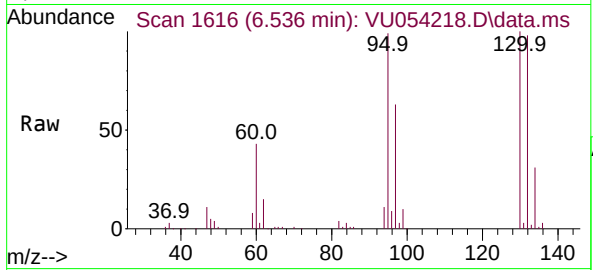
98 63.8 45.8 85.0





#34
 Trichloroethene
 Concen: 12.249 ug/L
 RT: 6.536 min Scan# 1
 Delta R.T. -0.003 min
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Tgt Ion: 95 Resp: 159166

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.8	85.0
132	99.5	70.1	130.3
130	101.4	72.4	134.5

