

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055424.D
 Acq On : 20 Sep 2023 14:53
 Operator : MD/SY
 Sample : 04380-18DL2 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9DL2

Quant Time: Sep 21 00:29:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

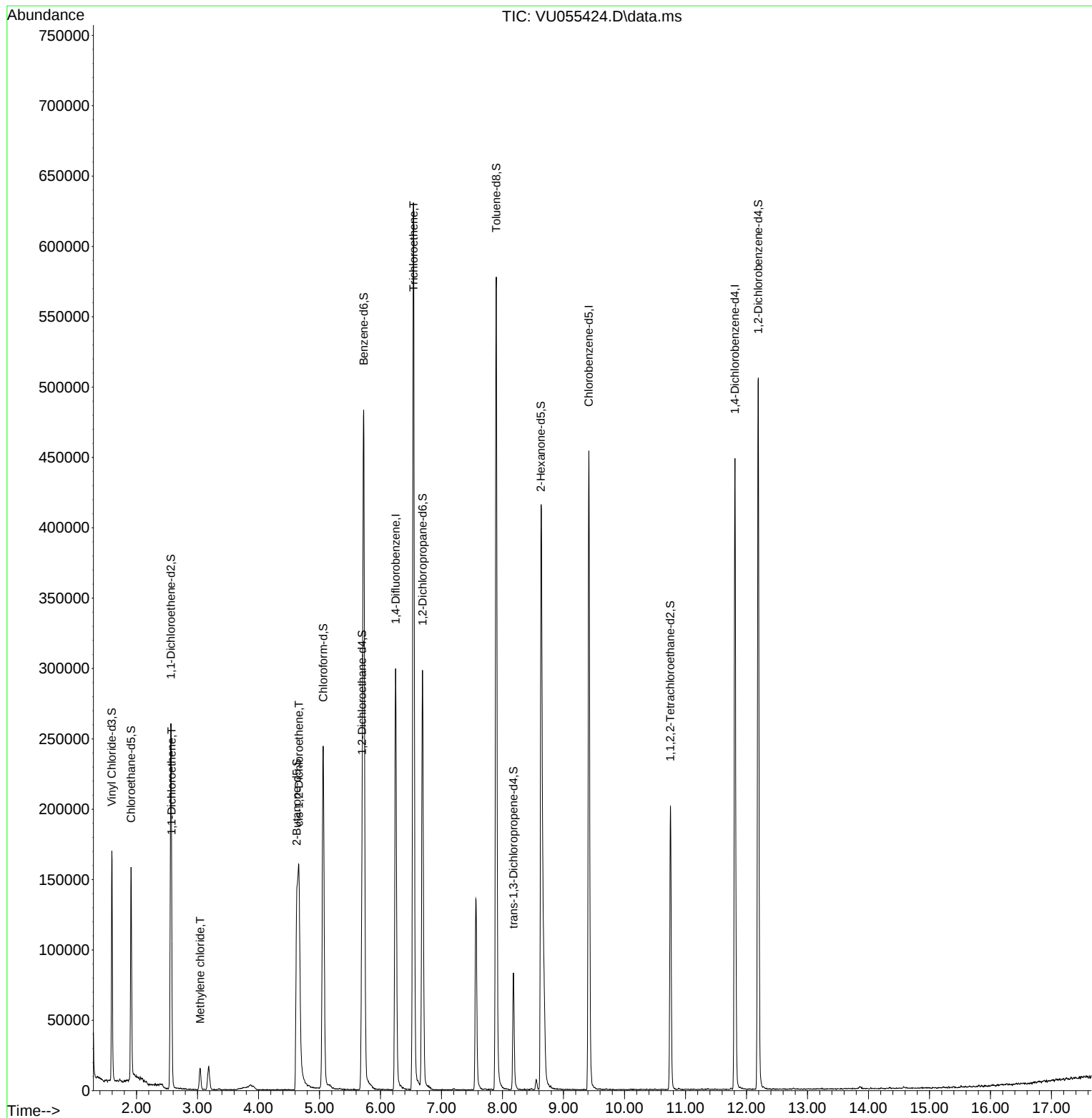
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	251959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	254024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	120909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	115307	4.528	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.910	69	105051	4.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.563	65	47337	4.516	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.627	46	241471	52.498	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.000%	
24) Chloroform-d	5.058	84	228986	4.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.698	65	118524	5.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.724	84	457985	5.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
36) 1,2-Dichloropropane-d6	6.688	67	139862	5.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.897	98	393214	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	8.180	79	47329	5.080	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.630	63	129476	45.690	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.380%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98871	4.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	135218	5.541	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	3759	0.213	ug/L	# 1
16) Methylene chloride	3.042	84	7535	0.357	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	53688	2.608	ug/L	98
34) Trichloroethene	6.540	95	215303	10.411	ug/L	98

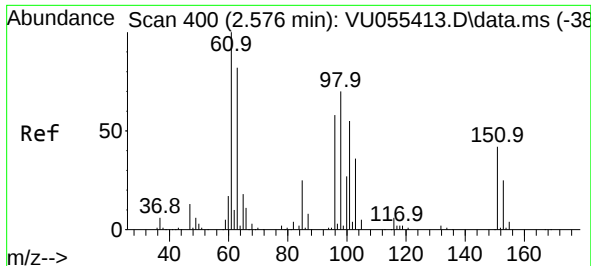
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.213 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055424.D

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Instrument :

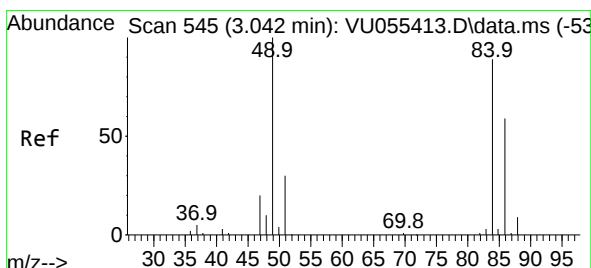
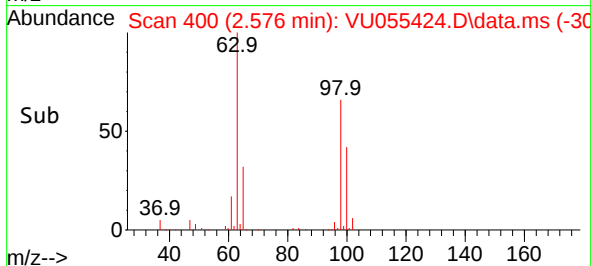
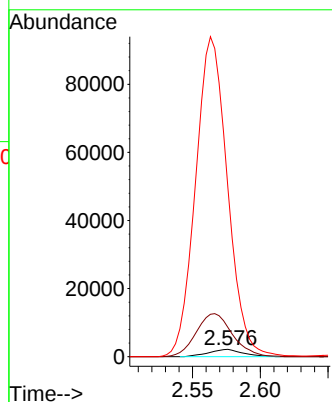
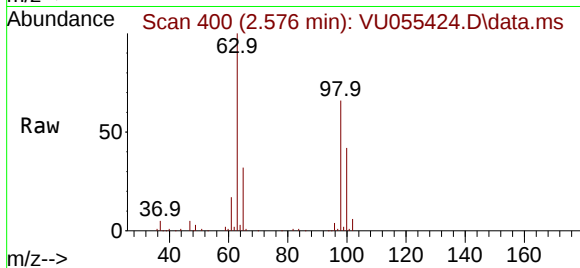
MSVOA_U

ClientSampleId :

BH4N9DL2

Tgt Ion: 96 Resp: 3759

Ion	Ratio	Lower	Upper
96	100		
61	401.3	114.5	212.7#
63	2312.5	98.3	182.5#



#16

Methylene chloride

Concen: 0.357 ug/L

RT: 3.042 min Scan# 545

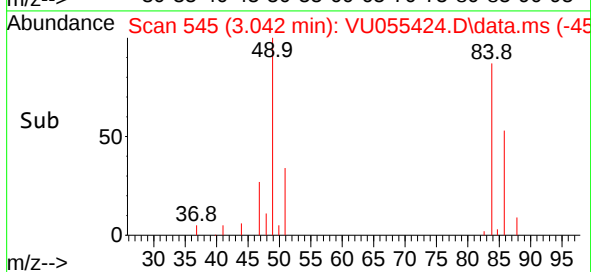
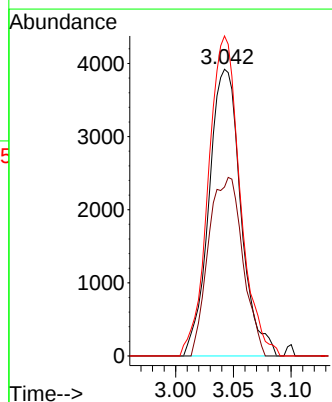
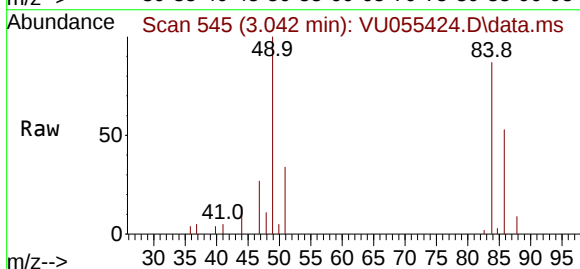
Delta R.T. -0.000 min

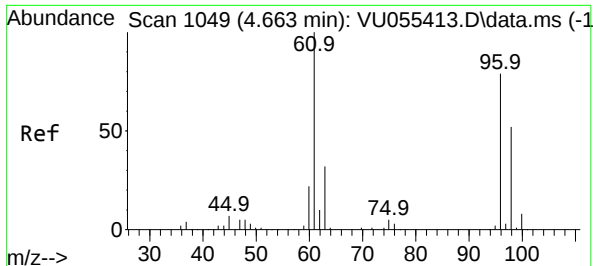
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Tgt Ion: 84 Resp: 7535

Ion	Ratio	Lower	Upper
84	100		
86	58.9	44.9	83.3
49	111.6	78.8	146.3

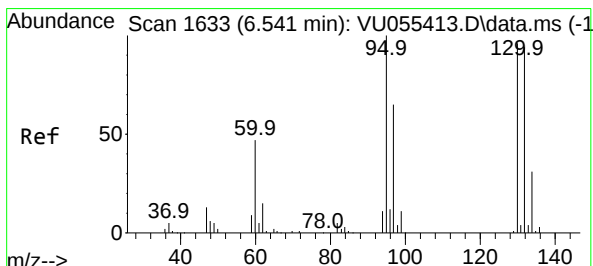
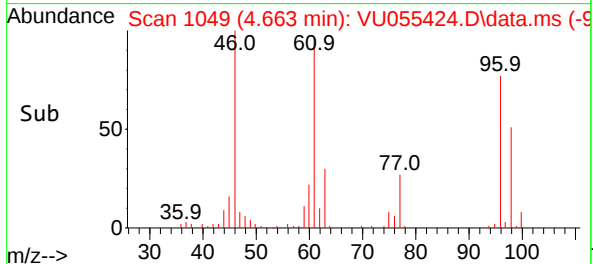
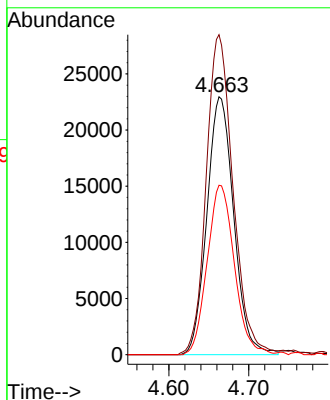
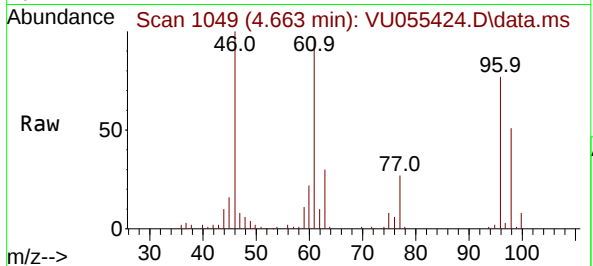




#22
cis-1,2-Dichloroethene
Concen: 2.608 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
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Instrument :
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Tgt Ion:	96	Resp:	53688
Ion	Ratio	Lower	Upper
96	100		
61	124.1	87.8	163.2
98	65.7	44.4	82.4



#34
Trichloroethene
Concen: 10.411 ug/L
RT: 6.540 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055424.D
Acq: 20 Sep 2023 14:53

Tgt Ion:	95	Resp:	215303
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.4	84.2
132	92.1	65.2	121.2
130	95.1	69.1	128.3

