

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055292.D
 Acq On : 13 Sep 2023 18:19
 Operator : MD/SY
 Sample : 04350-12DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N3DL

Quant Time: Sep 14 05:07:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

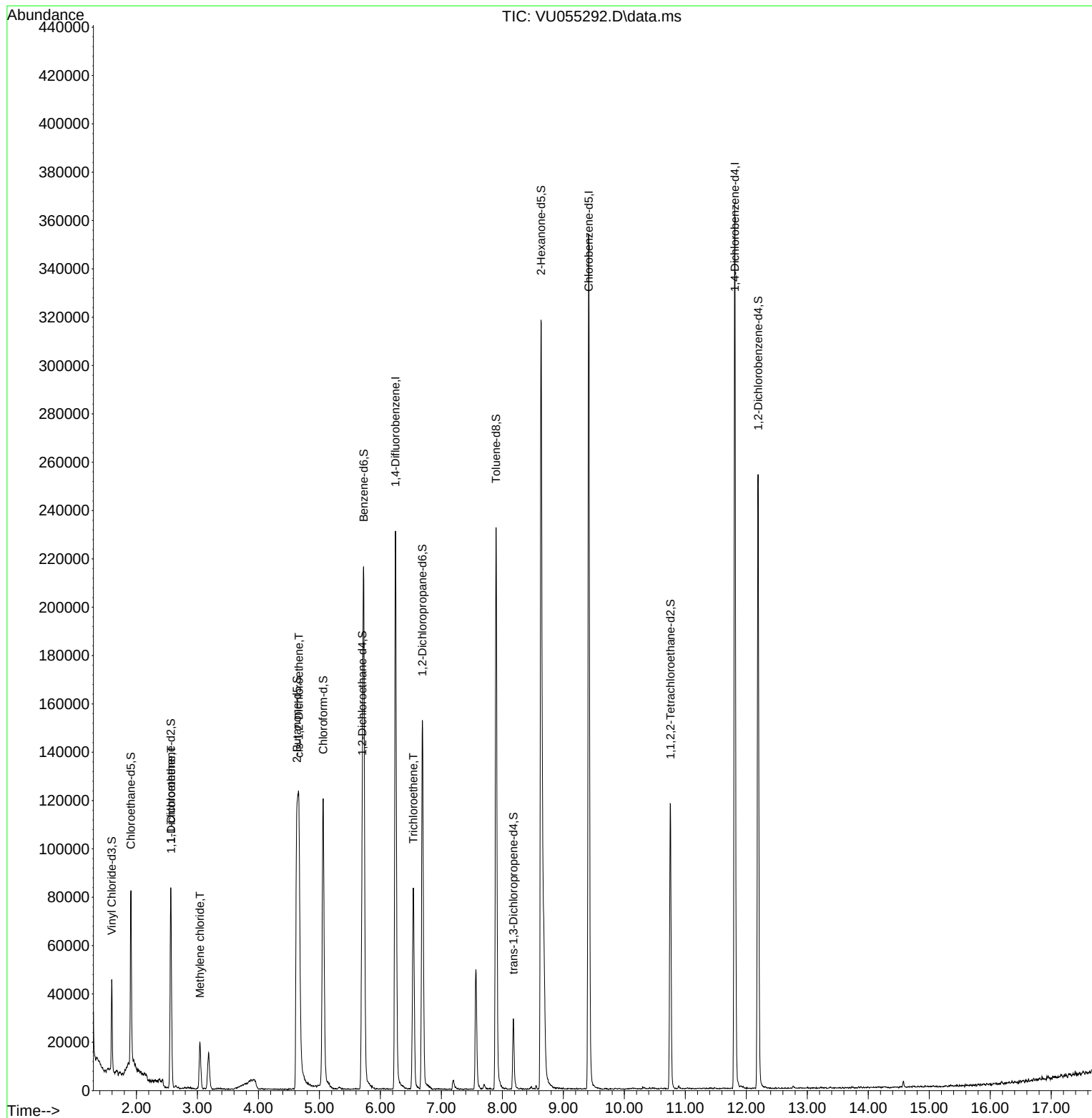
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192629	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26009	2.945	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.800%	
7) Chloroethane-d5	1.907	69	49661	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.563	65	14951	2.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	4.631	46	174788	68.194	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.380%#	
24) Chloroform-d	5.062	84	108399	4.625	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.701	65	64216	5.477	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
32) Benzene-d6	5.724	84	201432	4.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.689	67	74471	4.924	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.897	98	161571	3.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	8.180	79	16805	4.035	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.634	63	100541	59.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.920%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	59199	5.566	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	66329	4.846	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.567	96	2438	0.280	ug/L	# 1
16) Methylene chloride	3.039	84	9611	0.722	ug/L	83
22) cis-1,2-Dichloroethene	4.663	96	42748	3.951	ug/L	87
34) Trichloroethene	6.541	95	26061	2.287	ug/L	95

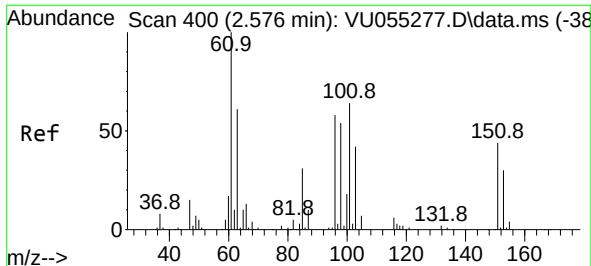
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.280 ug/L

RT: 2.567 min Scan# 39

Delta R.T. -0.010 min

Lab File: VU055292.D

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Instrument :

MSVOA_U

ClientSampleId :

BH4N3DL

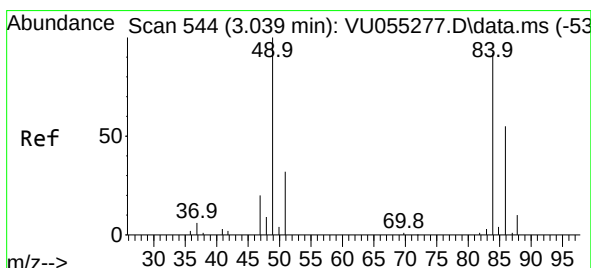
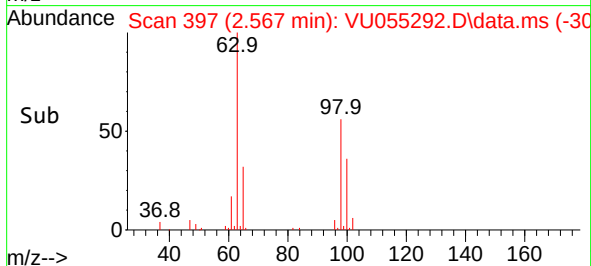
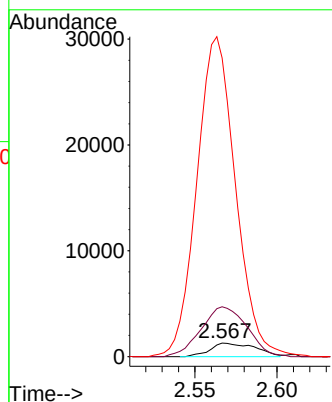
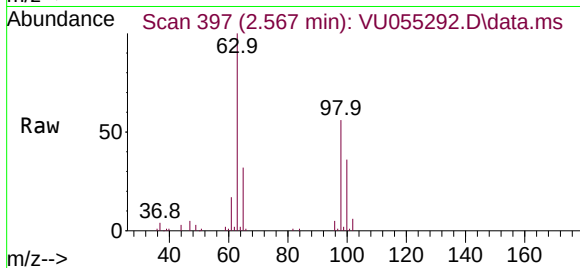
Tgt Ion: 96 Resp: 2438

Ion Ratio Lower Upper

96 100

61 368.4 120.8 224.4#

63 2206.7 94.5 175.5#



#16

Methylene chloride

Concen: 0.722 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU055292.D

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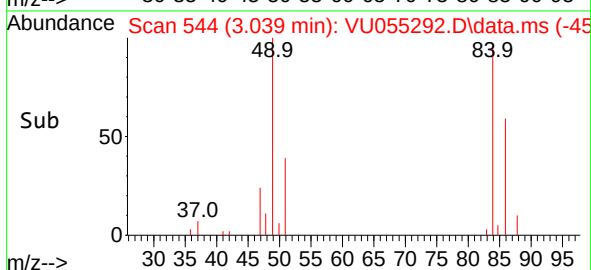
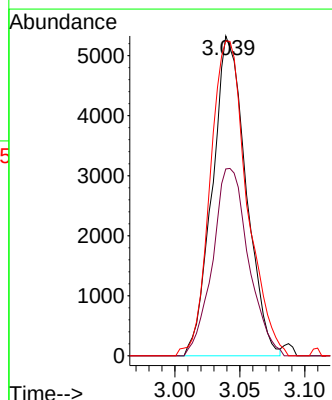
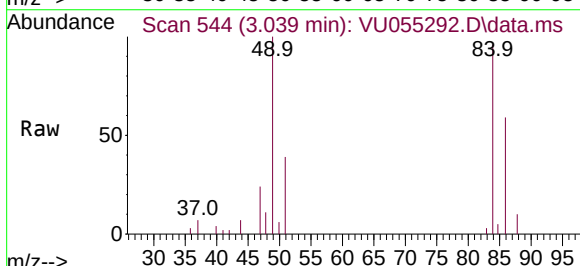
Tgt Ion: 84 Resp: 9611

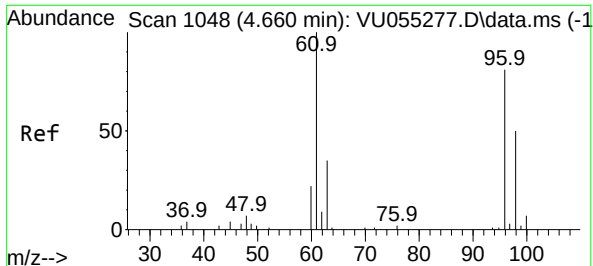
Ion Ratio Lower Upper

84 100

86 58.4 43.4 80.6

49 98.4 87.7 162.9

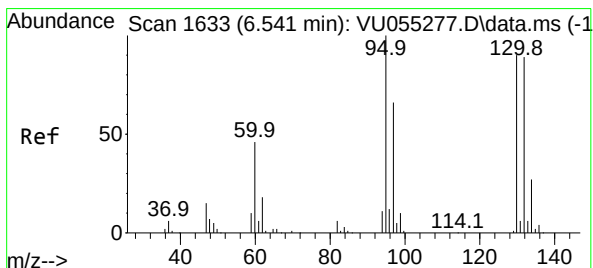
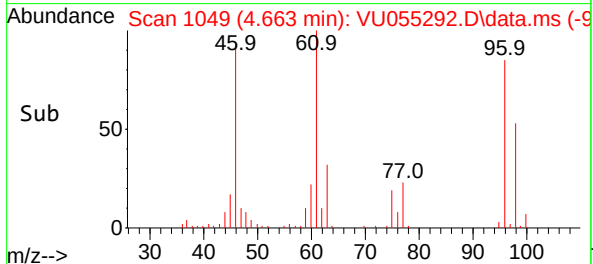
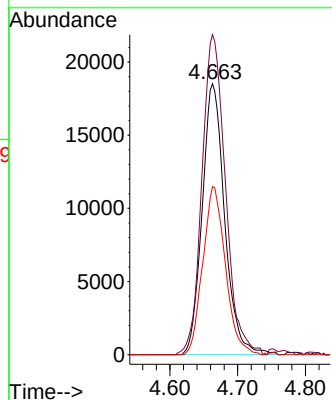
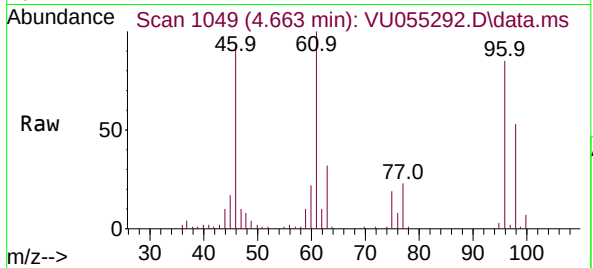




#22
 cis-1,2-Dichloroethene
 Concen: 3.951 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
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Tgt Ion: 96 Resp: 42748
 Ion Ratio Lower Upper
 96 100
 61 118.1 97.2 180.4
 98 62.0 46.1 85.7



#34
 Trichloroethene
 Concen: 2.287 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055292.D
 Acq: 13 Sep 2023 18:19

Tgt Ion: 95 Resp: 26061
 Ion Ratio Lower Upper
 95 100
 97 66.7 44.7 83.1
 132 88.0 66.6 123.6
 130 99.3 66.5 123.5

