

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055289.D
 Acq On : 13 Sep 2023 17:05
 Operator : MD/SY
 Sample : 04350-09DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N0DL

Quant Time: Sep 14 05:06:43 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)

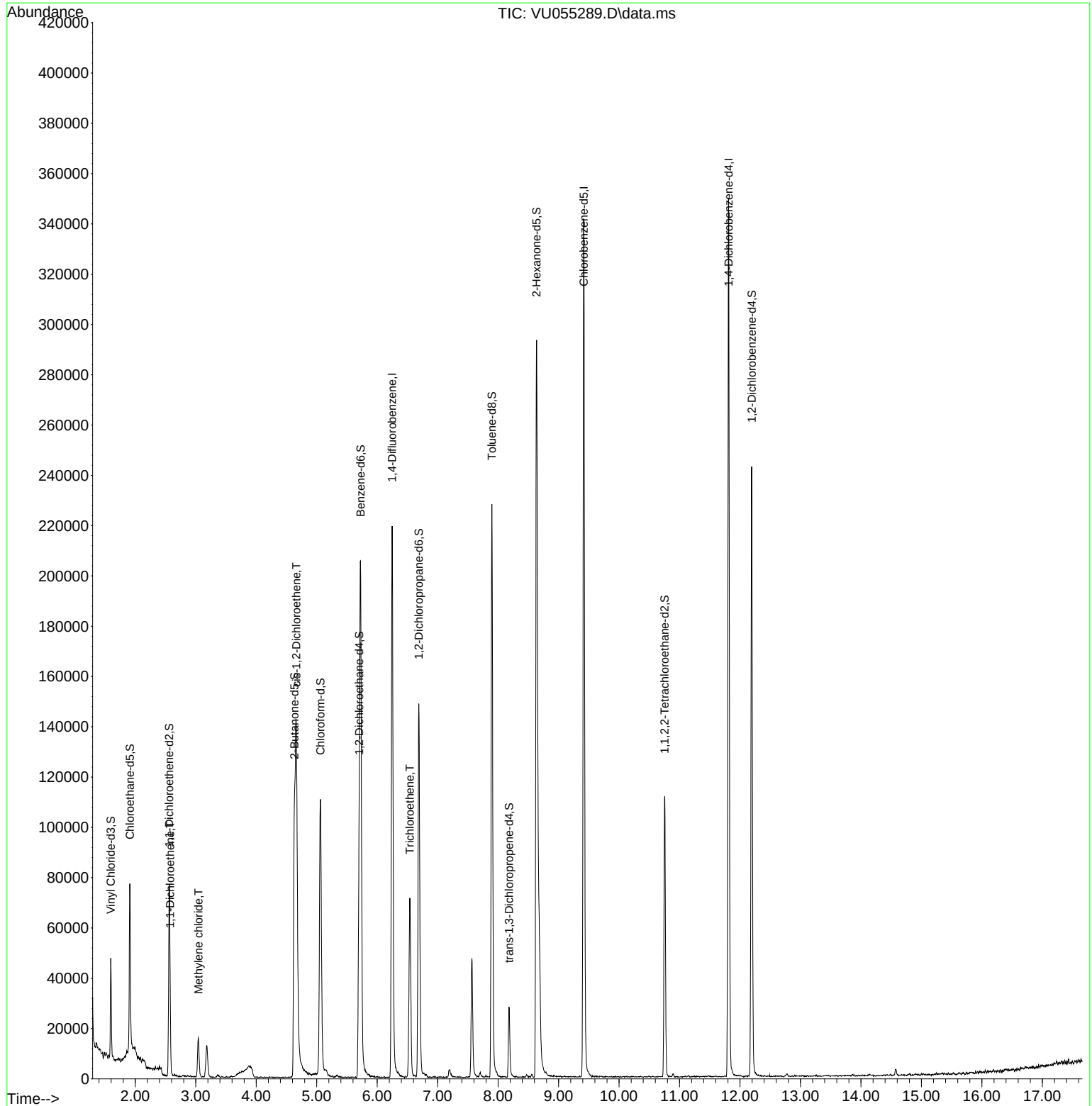
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179660	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191994	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	89539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26308	3.124	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.911	69	46175	4.737	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.560	65	14398	3.001	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.000%	
20) 2-Butanone-d5	4.631	46	166437	68.114	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	136.220%#	
24) Chloroform-d	5.062	84	101688	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.702	65	58215	5.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.724	84	193695	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.689	67	71120	4.718	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.898	98	157679	3.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	8.181	79	16270	3.920	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.634	63	94514	56.083	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.160%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55485	5.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	59997	4.591	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	1696	0.204	ug/L	# 1
16) Methylene chloride	3.042	84	7242	0.571	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	52083	5.049	ug/L	94
34) Trichloroethene	6.541	95	21399	1.884	ug/L	96

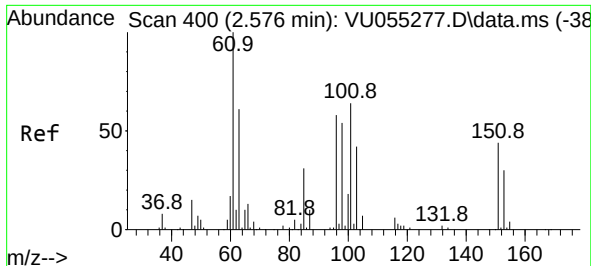
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.204 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU055289.D

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Instrument :

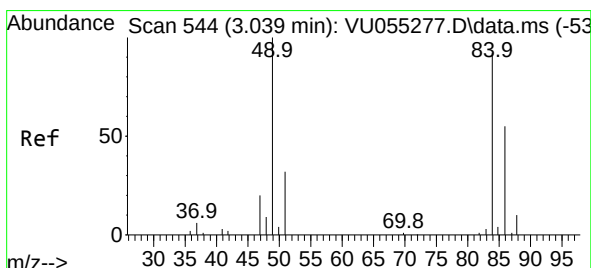
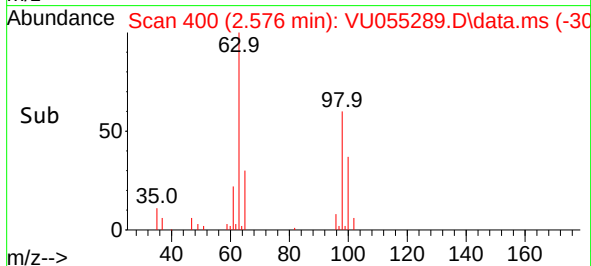
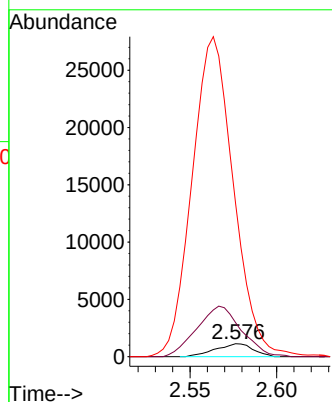
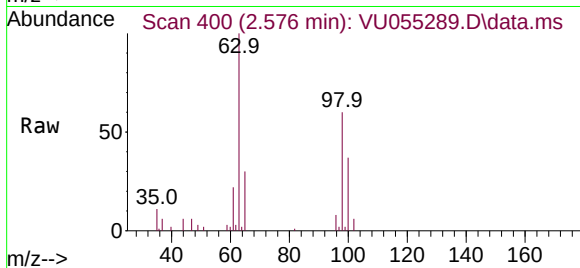
MSVOA_U

ClientSampleId :

BH4N0DL

Tgt Ion: 96 Resp: 1696

Ion	Ratio	Lower	Upper
96	100		
61	262.5	120.8	224.4#
63	1186.0	94.5	175.5#



#16

Methylene chloride

Concen: 0.571 ug/L

RT: 3.042 min Scan# 545

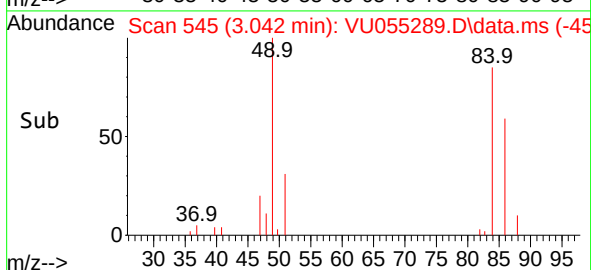
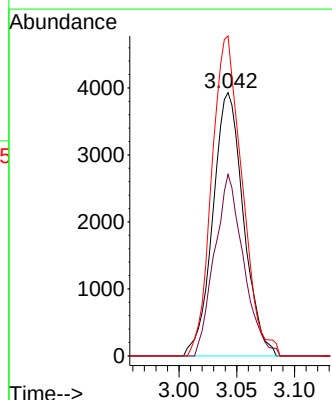
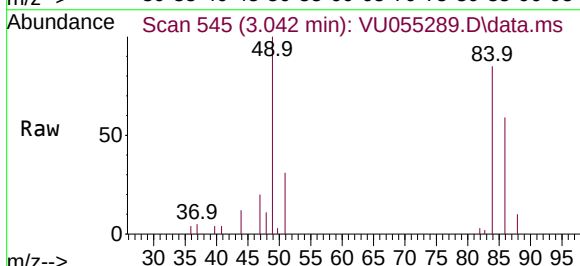
Delta R.T. 0.003 min

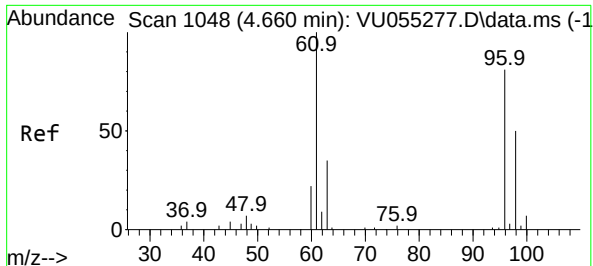
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Acq: 13 Sep 2023 17:05

Tgt Ion: 84 Resp: 7242

Ion	Ratio	Lower	Upper
84	100		
86	68.9	43.4	80.6
49	121.5	87.7	162.9





#22

cis-1,2-Dichloroethene

Concen: 5.049 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU055289.D

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Instrument :

MSVOA_U

ClientSampleId :

BH4N0DL

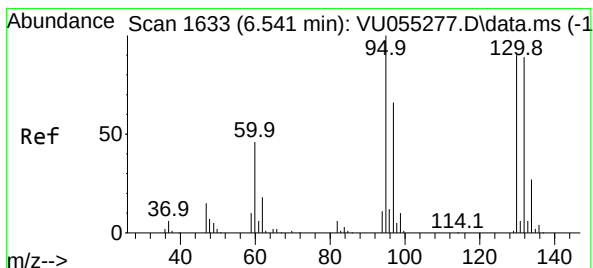
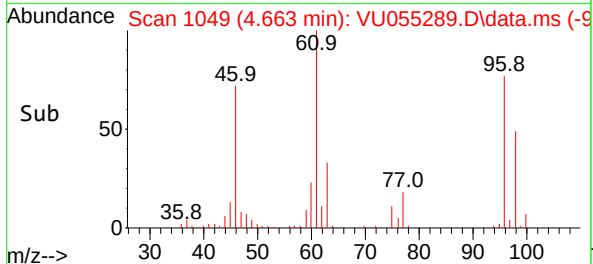
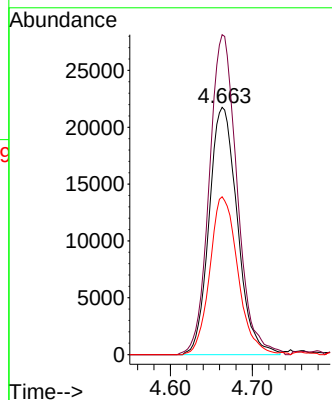
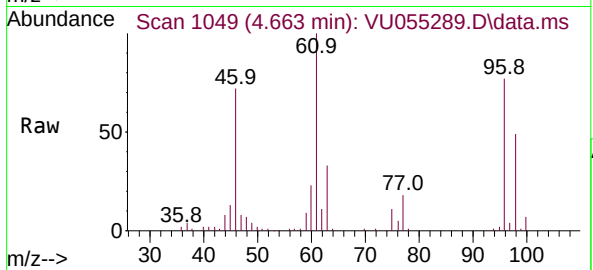
Tgt Ion: 96 Resp: 52083

Ion Ratio Lower Upper

96 100

61 129.4 97.2 180.4

98 63.8 46.1 85.7



#34

Trichloroethene

Concen: 1.884 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055289.D

Acq: 13 Sep 2023 17:05

Tgt Ion: 95 Resp: 21399

Ion Ratio Lower Upper

95 100

97 67.0 44.7 83.1

132 96.1 66.6 123.6

130 101.5 66.5 123.5

