

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058466.D
 Acq On : 08 Apr 2024 14:14
 Operator : MD/SY
 Sample : P2012-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM5

Quant Time: Apr 09 04:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

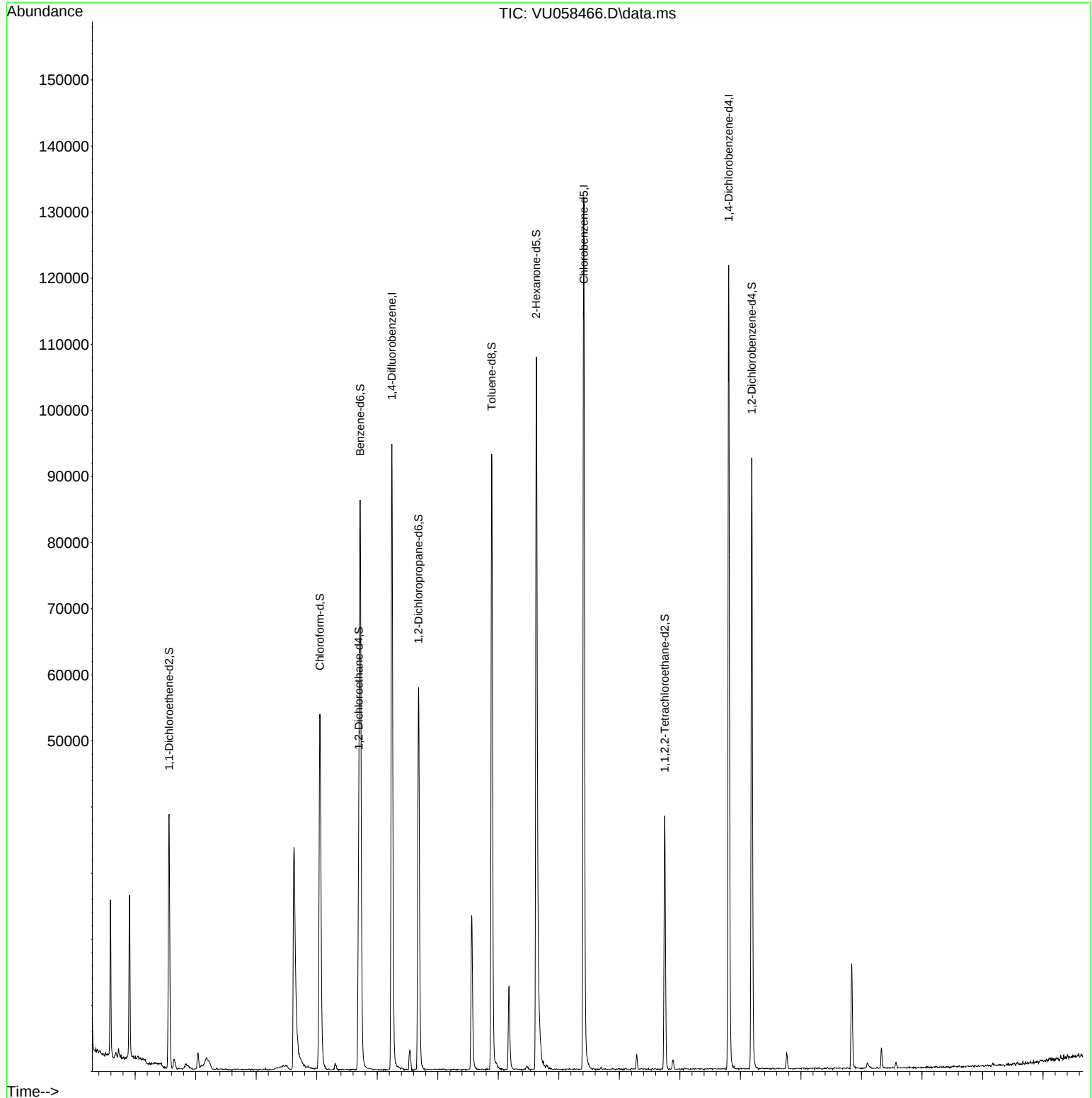
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71252	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15680	3.222	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.907	69	16696	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	7281	3.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	4.624	46	52709	51.398	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	5.052	84	43309	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	22041	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.718	84	78595	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.682	67	27680	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	62879	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.177	79	8114	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.627	63	38141	49.520	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19904	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	23689	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds					Qvalue	
59) Bromoform	10.287	173	1046	0.495	ug/L	# 90
70) 1,2,4-trichlorobenzene	13.839	180	5842	0.911	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	1324	0.250	ug/L	100

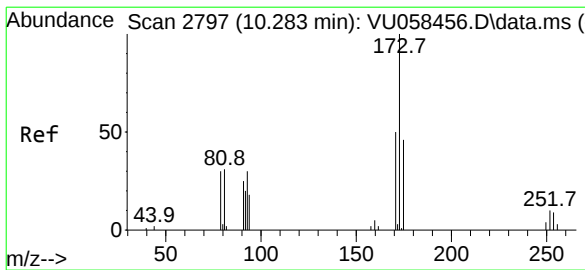
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#59

Bromoform

Concen: 0.495 ug/L

RT: 10.287 min Scan# 27

Delta R.T. 0.003 min

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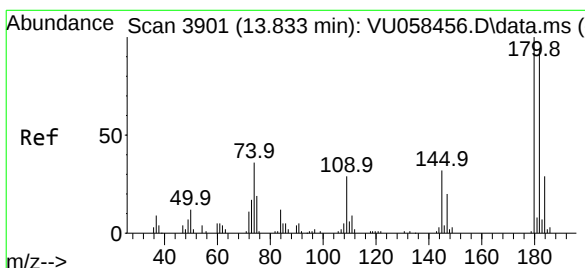
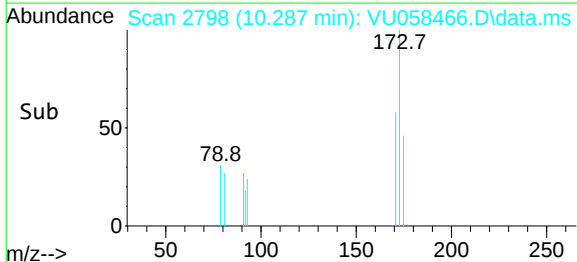
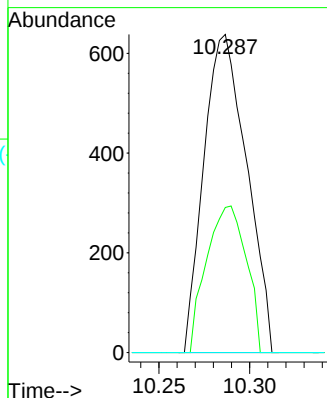
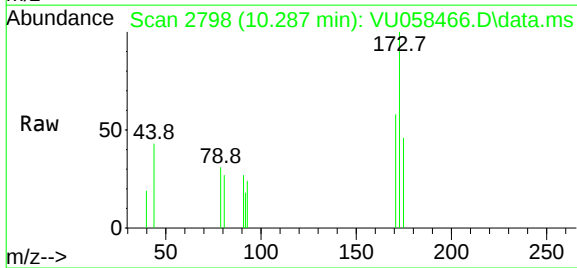
Instrument :

MSVOA_U

ClientSampleId :

C0AM5

Tgt Ion:	173	Resp:	1046
Ion Ratio	Lower	Upper	
173	100		
175	42.7	38.0	57.0
254	0.0	7.5	11.3



#70

1,2,4-trichlorobenzene

Concen: 0.911 ug/L

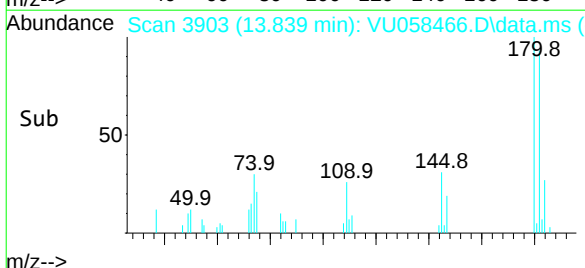
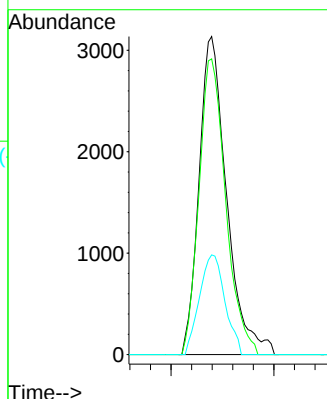
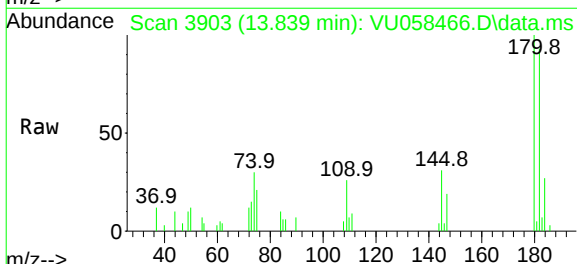
RT: 13.839 min Scan# 3903

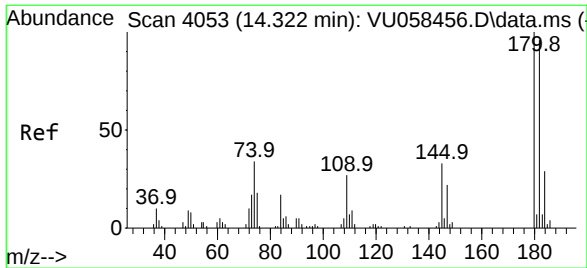
Delta R.T. 0.007 min

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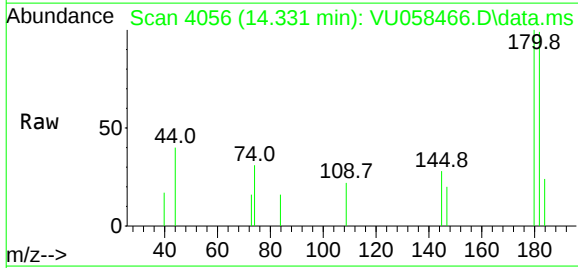
Tgt Ion:	180	Resp:	5842
Ion Ratio	Lower	Upper	
180	100		
182	90.1	74.4	111.6
145	28.9	24.1	36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.250 ug/L
 RT: 14.331 min Scan# 40
 Delta R.T. 0.010 min
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Tgt Ion:	180	Resp:	1324
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.9	113.9
145	31.9	25.2	37.8

