

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058011.D
 Acq On : 08 Mar 2024 12:47
 Operator : MD/SY
 Sample : P1636-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNO6

Quant Time: Mar 09 00:12:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

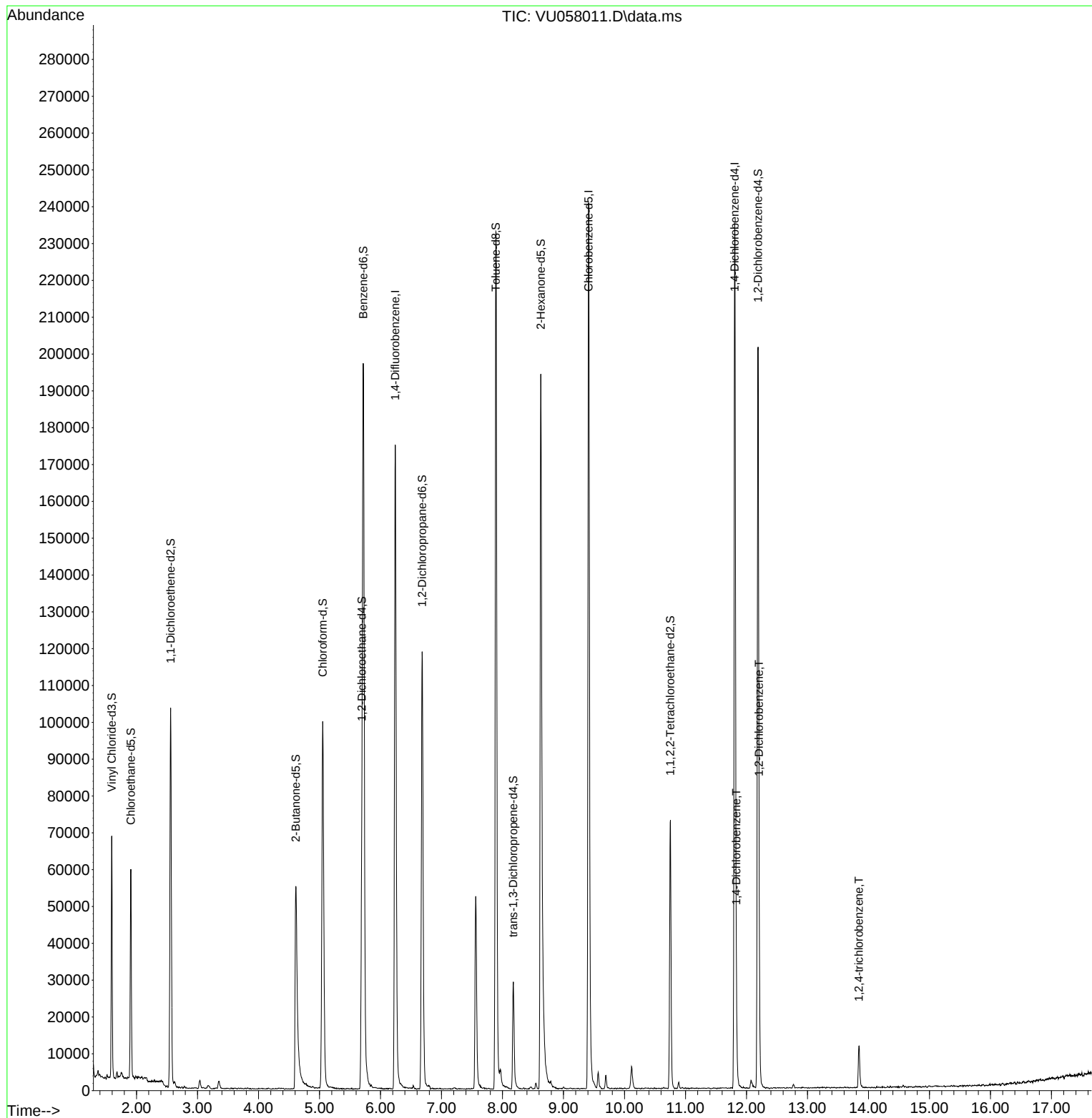
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	134430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45095	4.394	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.907	69	39634	4.698	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.560	65	20596	4.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.611	46	88865	52.550	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.100%	
24) Chloroform-d	5.052	84	93095	4.796	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.695	65	45054	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.717	84	186031	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	6.682	67	59218	4.972	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.891	98	159087	4.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.177	79	18149	4.432	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.627	63	73879	53.729	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.460%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	37660	5.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	50846	5.159	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
65) 1,4-Dichlorobenzene	11.833	146	5097	0.287	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	5034	0.318	ug/L #	84
70) 1,2,4-trichlorobenzene	13.843	180	4379	0.447	ug/L	97

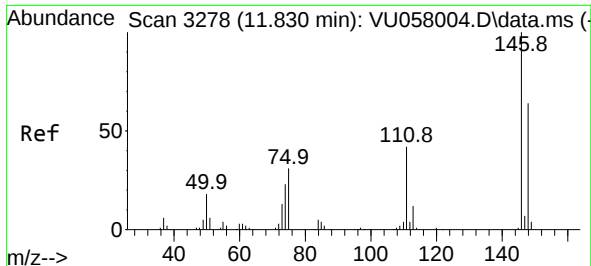
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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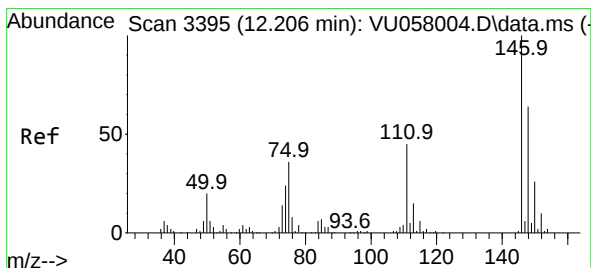
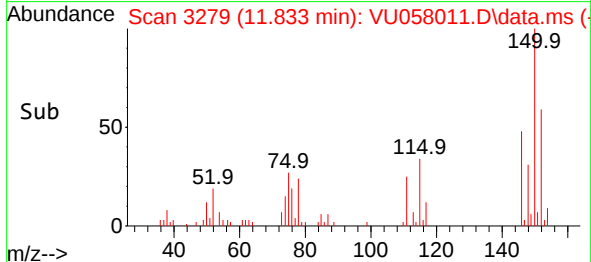
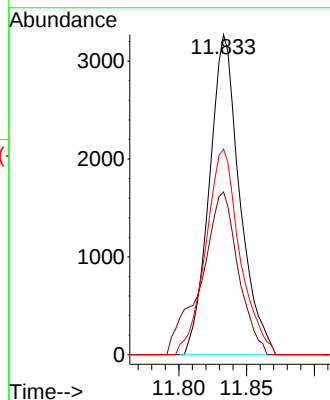
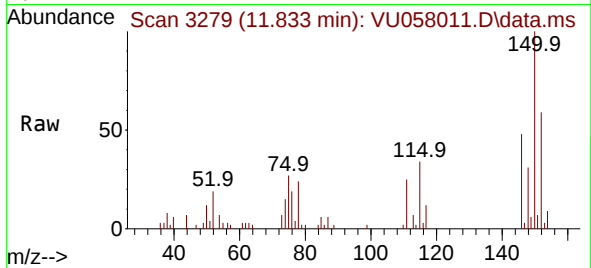




#65
1,4-Dichlorobenzene
Concen: 0.287 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU058011.D
Acq: 08 Mar 2024 12:47

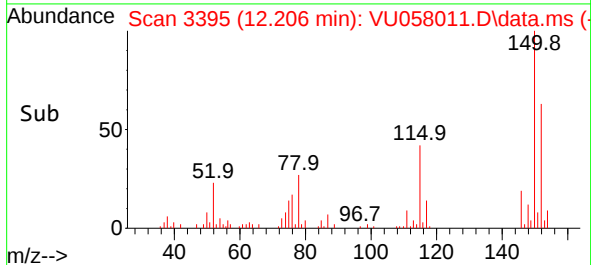
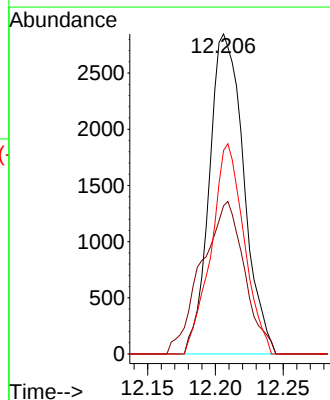
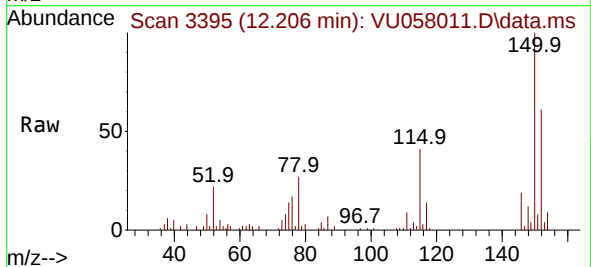
Instrument :
MSVOA_U
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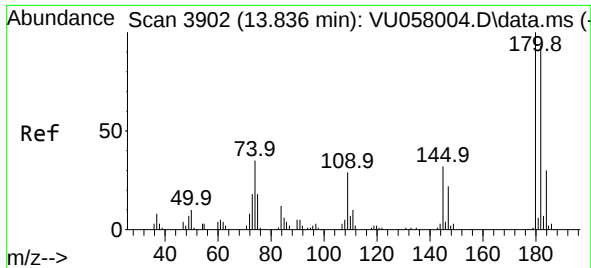
Tgt Ion:146 Resp: 5097
Ion Ratio Lower Upper
146 100
111 50.8 30.1 55.9
148 64.3 45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 0.318 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU058011.D
Acq: 08 Mar 2024 12:47

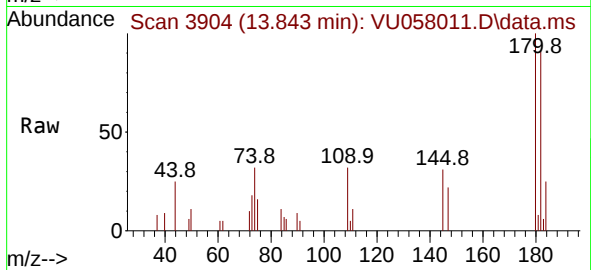
Tgt Ion:146 Resp: 5034
Ion Ratio Lower Upper
146 100
111 46.3 37.4 56.0
148 84.4 50.8 76.2#





#70
 1,2,4-trichlorobenzene
 Concen: 0.447 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.006 min
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Tgt Ion:	180	Resp:	4379
Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.9	116.9
145	29.2	25.8	38.8

