

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056839.D
 Acq On : 14 Dec 2023 15:17
 Operator : MD/SY
 Sample : 05683-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 15 00:53:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

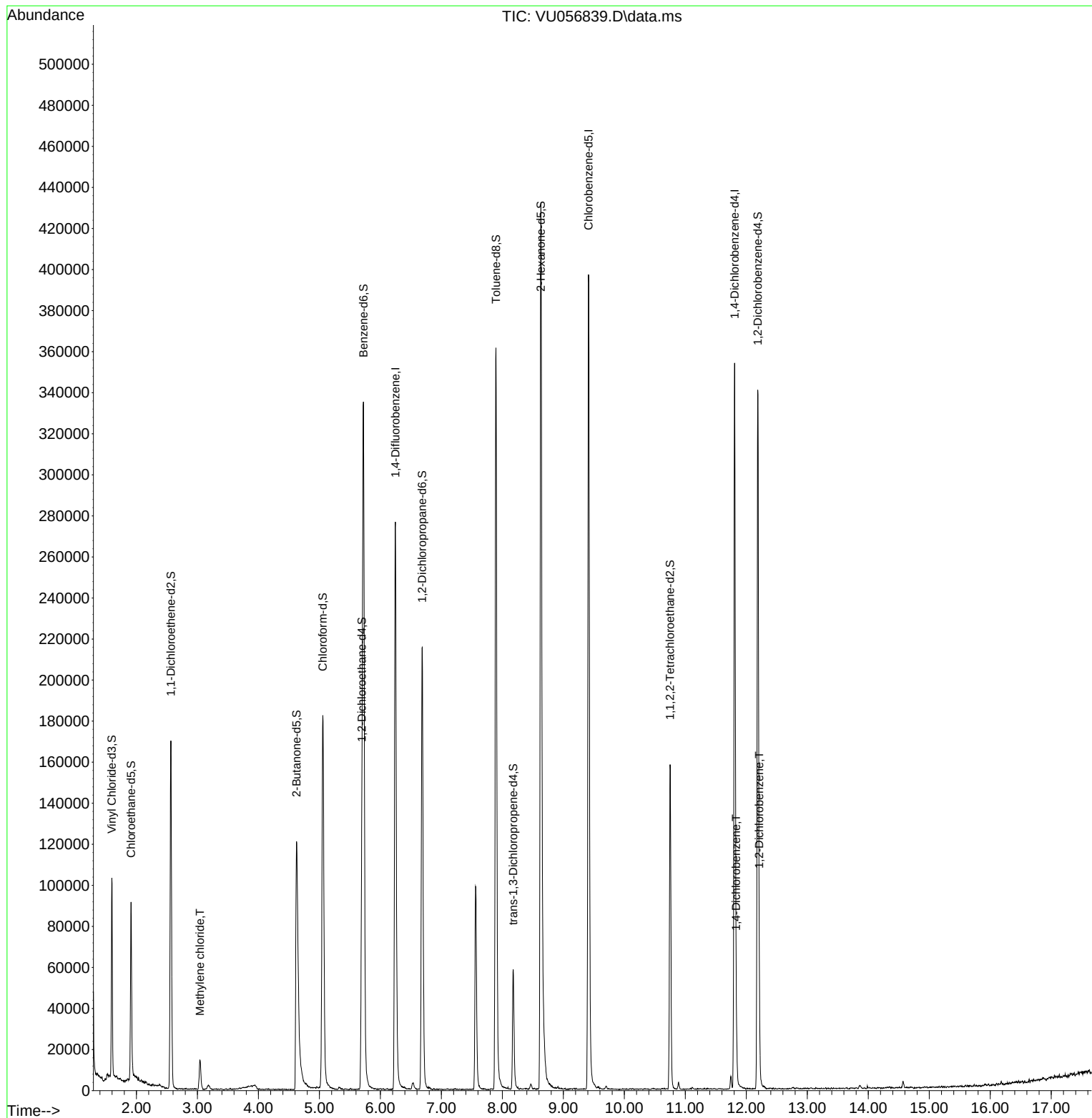
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	226594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	231405	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69780	3.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.911	69	62796	4.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	32992	3.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.624	46	206126	53.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.480%
24) Chloroform-d	5.055	84	175692	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	87020	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	319009	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.685	67	106527	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	254785	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	37126	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	153768	46.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80774	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	91939	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	7379	0.368	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	9004	0.262	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	9828	0.310	ug/L	94

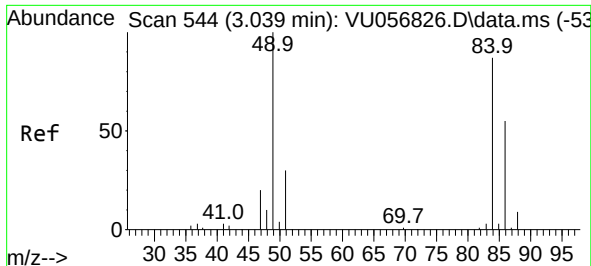
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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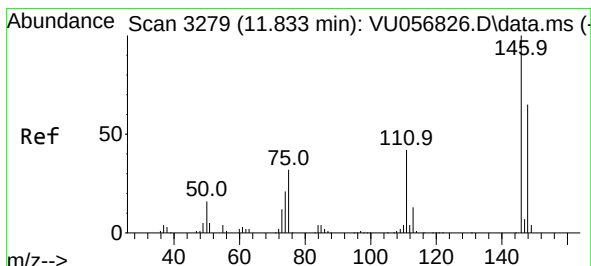
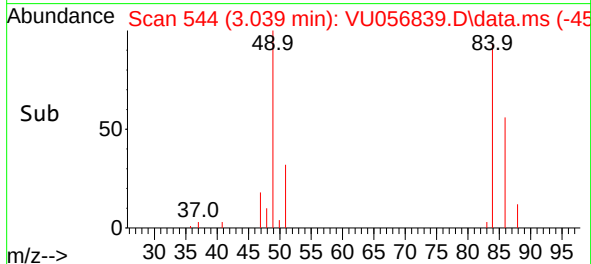
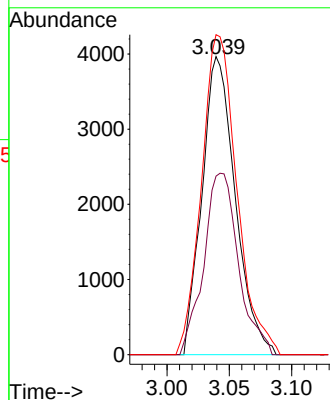
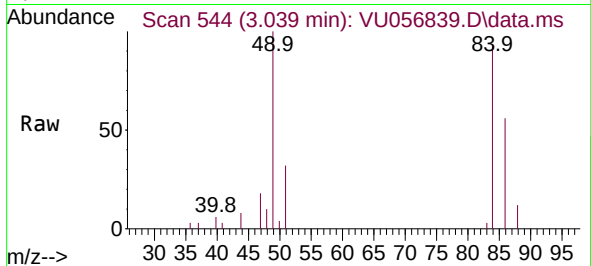




#16
Methylene chloride
Concen: 0.368 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056839.D
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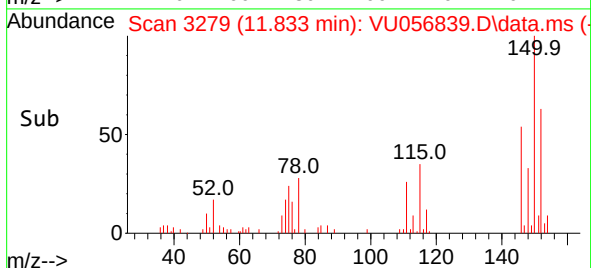
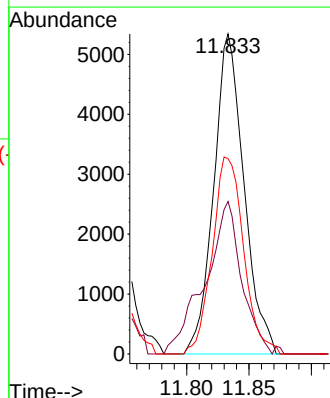
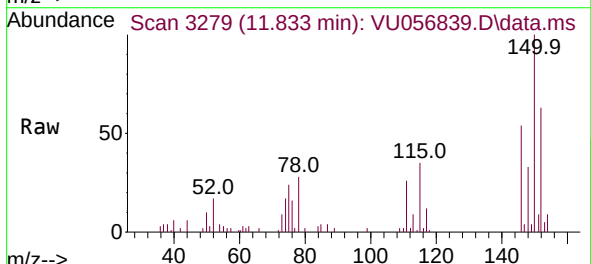
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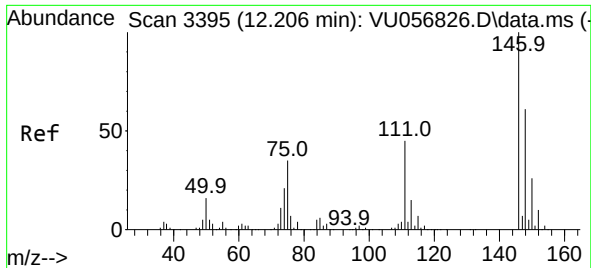
Tgt Ion: 84	Resp: 7379		
Ion Ratio	Lower	Upper	
84	100		
86	59.9	43.6	81.0
49	107.4	80.6	149.6



#65
1,4-Dichlorobenzene
Concen: 0.262 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056839.D
Acq: 14 Dec 2023 15:17

Tgt Ion:146	Resp: 9004
Ion Ratio	Lower Upper
146 100	
111 47.6	31.2 58.0
148 61.0	45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 0.310 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056839.D

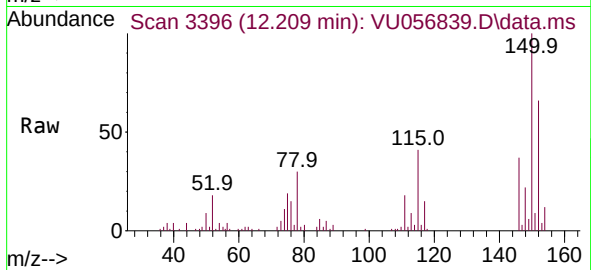
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Tgt Ion:146 Resp: 9828

Ion Ratio Lower Upper

146 100

111 48.3 36.9 55.3

148 60.3 53.0 79.4

