

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056699.D
 Acq On : 08 Dec 2023 15:02
 Operator : MD/SY
 Sample : 05627-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC1

Quant Time: Dec 08 20:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

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

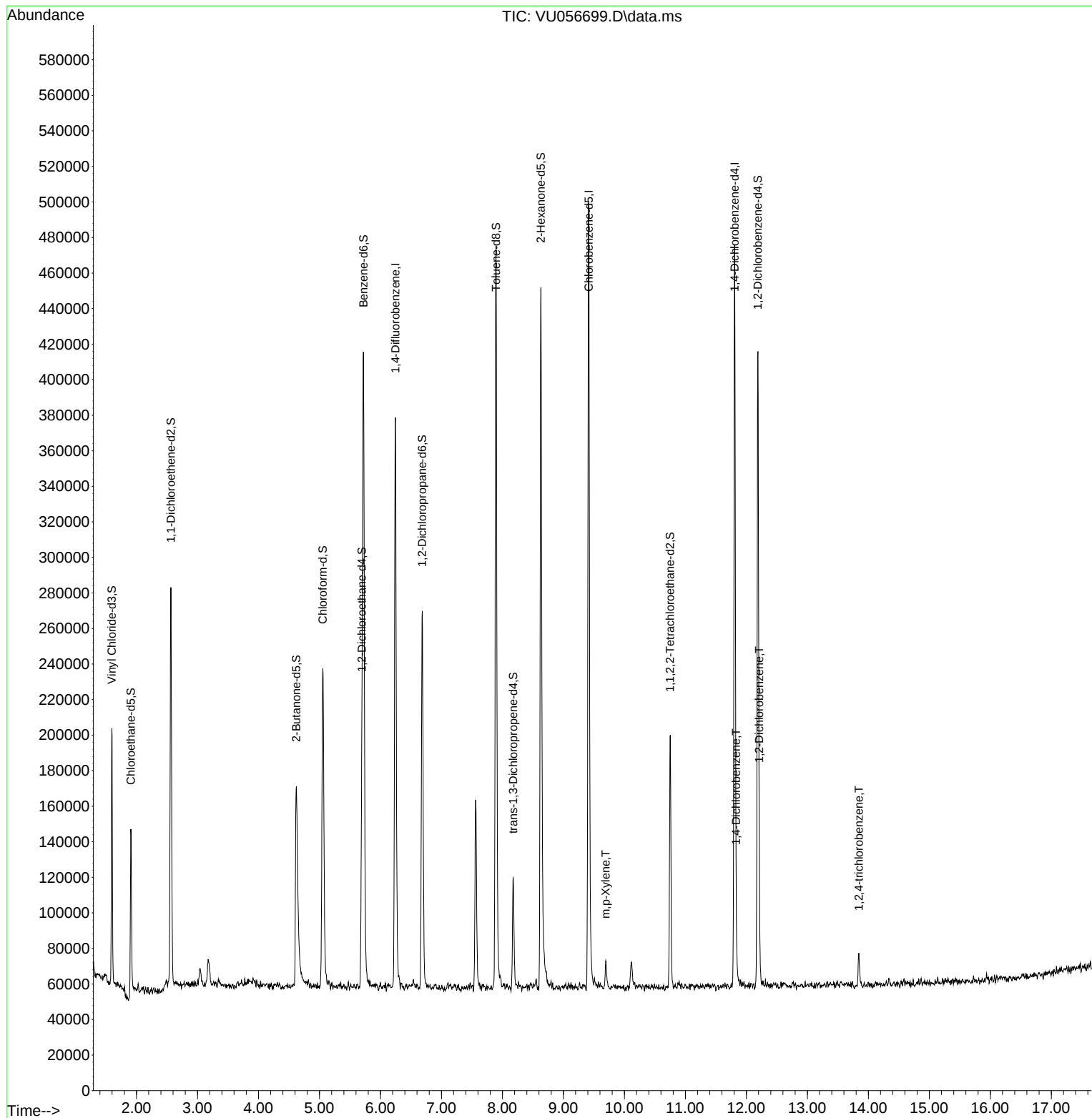
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	100518	5.069	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.907	69	70686	4.649	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.563	65	42485	4.854	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.621	46	180588	45.667	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.340%	
24) Chloroform-d	5.055	84	173136	4.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.695	65	84973	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.721	84	343184	4.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.685	67	105531	4.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.894	98	294208	4.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	8.177	79	38663	4.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.631	63	135692	37.844	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.680%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	70420	4.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	93210	4.596	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
53) m,p-Xylene	9.692	106	5228	0.164	ug/L	86
65) 1,4-Dichlorobenzene	11.833	146	5540	0.171	ug/L	93
67) 1,2-Dichlorobenzene	12.209	146	12579	0.426	ug/L	93
70) 1,2,4-trichlorobenzene	13.846	180	5991	0.303	ug/L	99

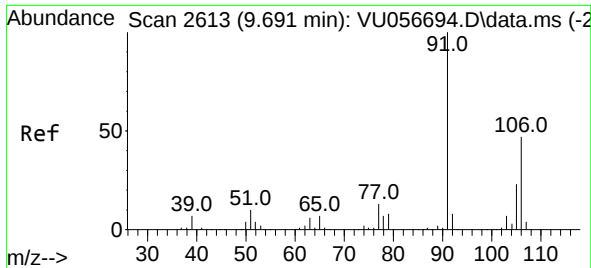
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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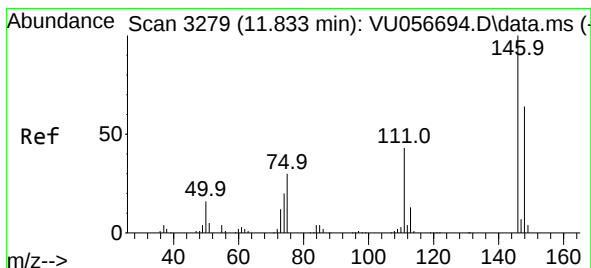
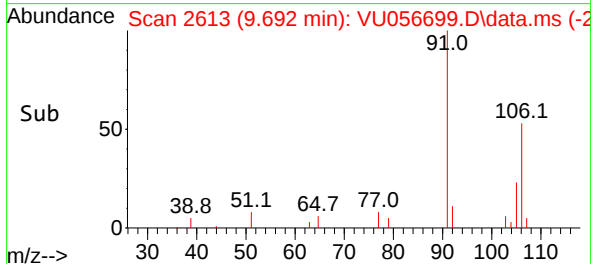
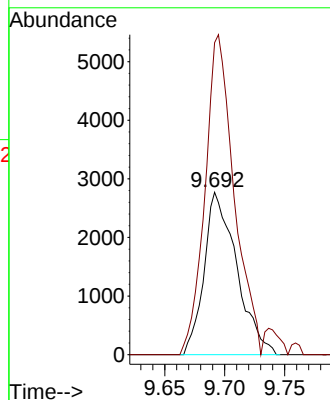
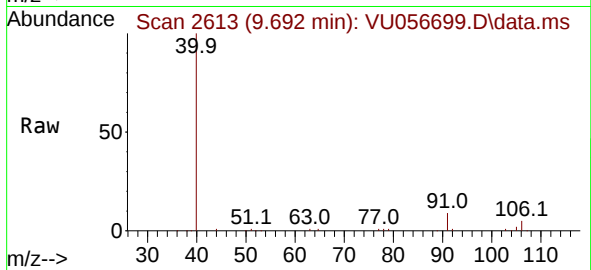




#53
m,p-Xylene
Concen: 0.164 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

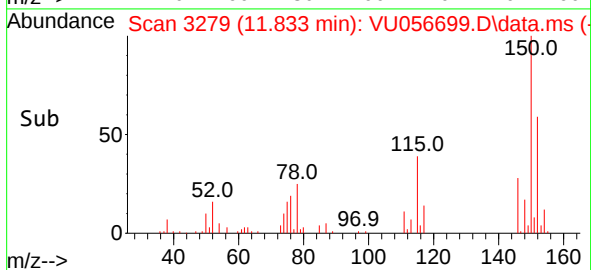
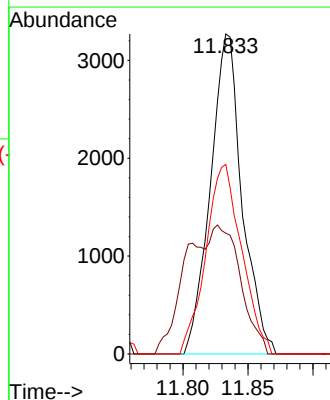
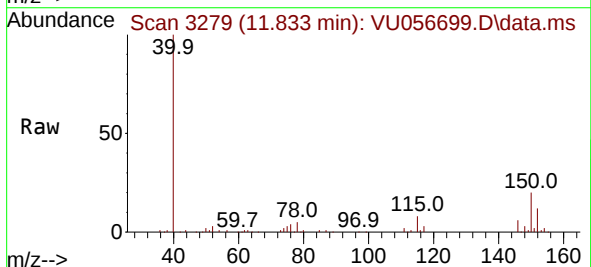
Instrument :
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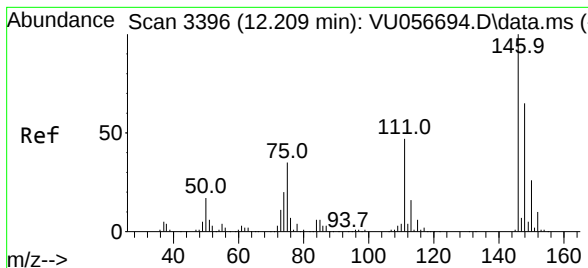
Tgt Ion:106 Resp: 5228
Ion Ratio Lower Upper
106 100
91 192.2 149.6 277.8



#65
1,4-Dichlorobenzene
Concen: 0.171 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056699.D
Acq: 08 Dec 2023 15:02

Tgt Ion:146 Resp: 5540
Ion Ratio Lower Upper
146 100
111 37.8 30.5 56.7
148 59.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.426 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056699.D

Acq: 08 Dec 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

DCLC1

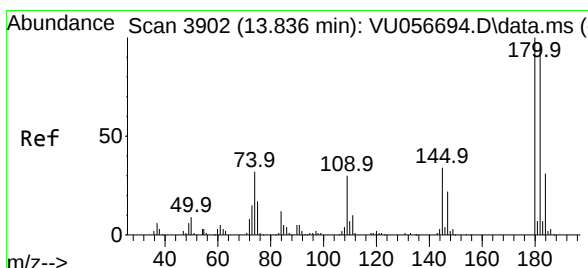
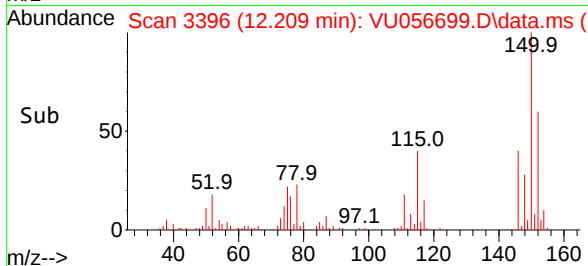
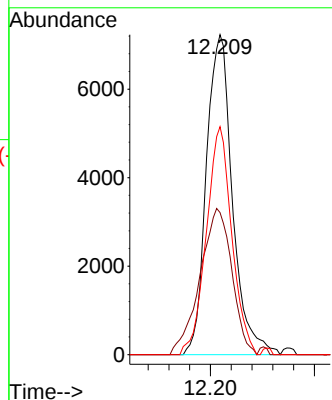
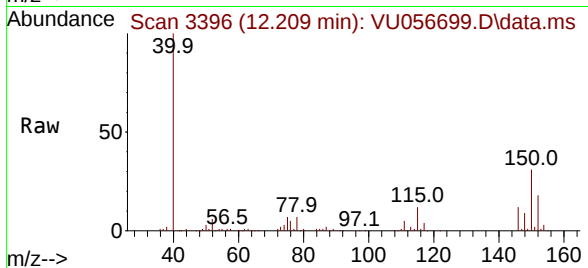
Tgt Ion:146 Resp: 12579

Ion Ratio Lower Upper

146 100

111 44.4 38.3 57.5

148 71.2 52.2 78.4



#70

1,2,4-trichlorobenzene

Concen: 0.303 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.010 min

Lab File: VU056699.D

Acq: 08 Dec 2023 15:02

Tgt Ion:180 Resp: 5991

Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.2

145 35.3 26.8 40.2

