

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059735.D
 Acq On : 02 Jul 2024 13:35
 Operator : MD/SY
 Sample : P3108-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST8

Quant Time: Jul 03 01:54:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

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

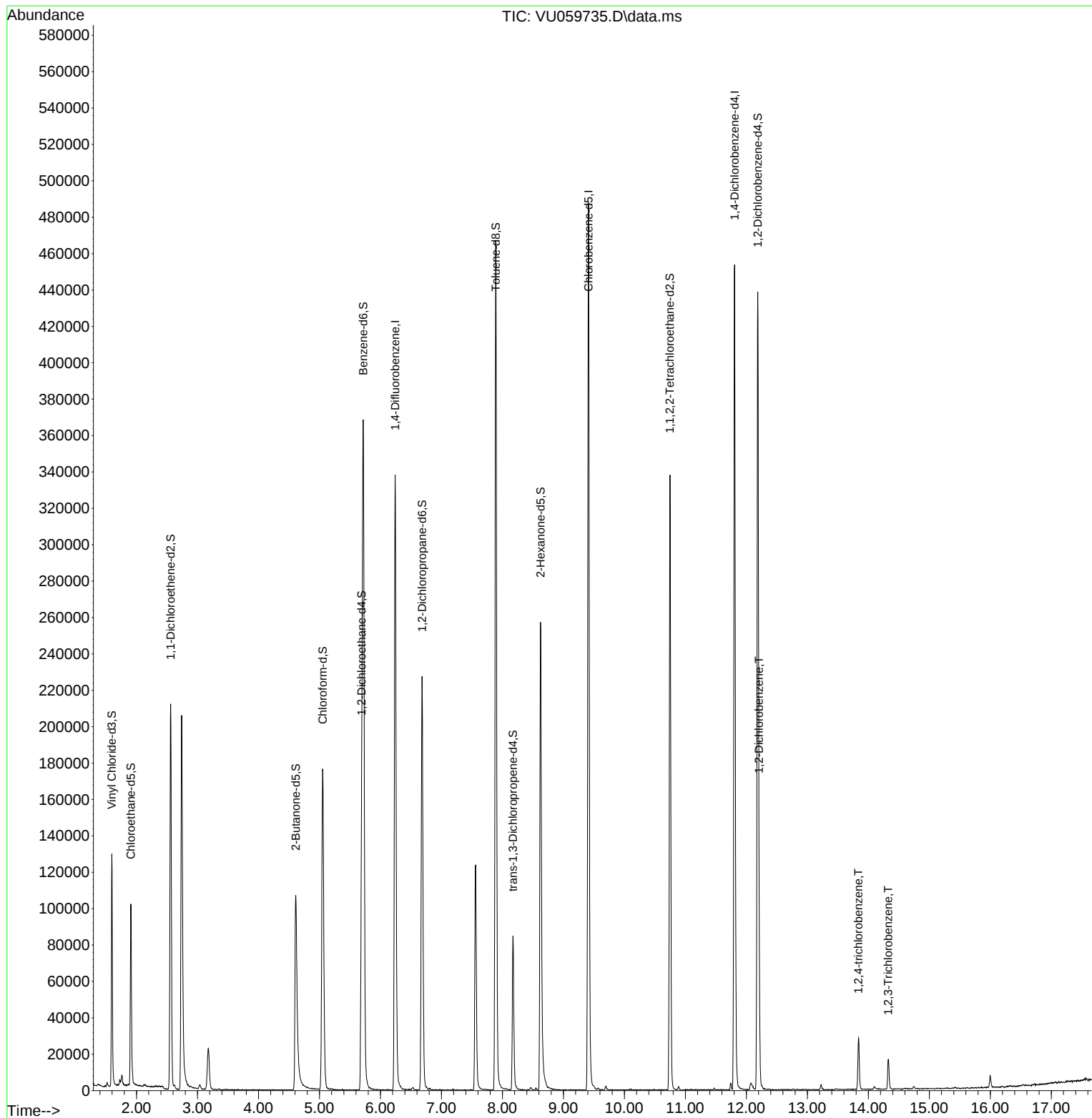
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	295392	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	287856	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130790	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93754	49.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.860%
7) Chloroethane-d5	1.907	69	77598	48.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.280%
11) 1,1-Dichloroethene-d2	2.560	63	122685	36.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.820%
21) 2-Butanone-d5	4.612	46	138960	105.427	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.430%
24) Chloroform-d	5.052	84	171579	46.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
26) 1,2-Dichloroethane-d4	5.692	65	107574	49.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
32) Benzene-d6	5.718	84	364471	49.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
36) 1,2-Dichloropropane-d6	6.682	67	114084	50.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.020%
41) Toluene-d8	7.891	98	326595	46.591	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.180%
43) trans-1,3-Dichloroprop...	8.174	79	49169	46.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.120%
47) 2-Hexanone-d5	8.624	63	98067	101.998	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	172118	49.154	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.300%
66) 1,2-Dichlorobenzene-d4	12.187	152	123997	51.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.180%
Target Compounds						
					Qvalue	
67) 1,2-Dichlorobenzene	12.206	146	22139	5.543	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	10160	3.954	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	6254	2.426	ug/L	95

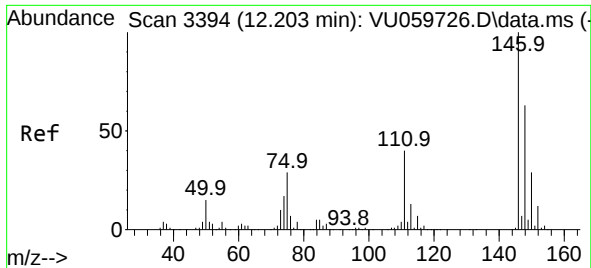
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#67

1,2-Dichlorobenzene

Concen: 5.543 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

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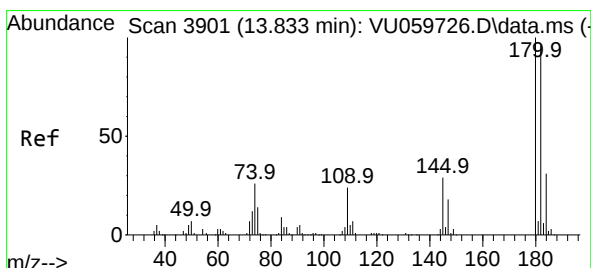
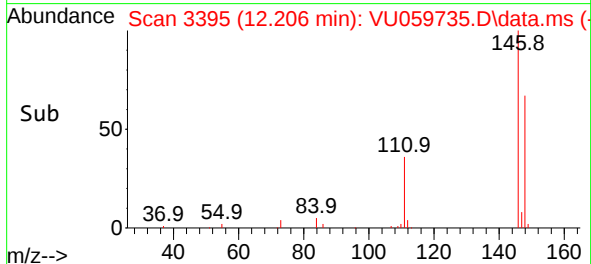
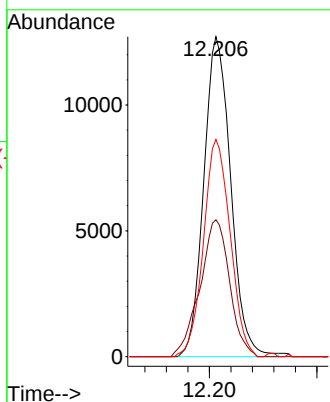
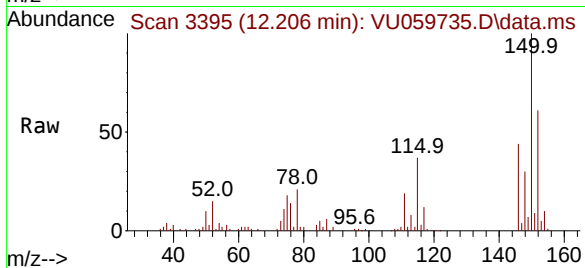
Tgt Ion:146 Resp: 22139

Ion Ratio Lower Upper

146 100

111 42.8 31.7 47.5

148 67.9 50.8 76.2



#70

1,2,4-trichlorobenzene

Concen: 3.954 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

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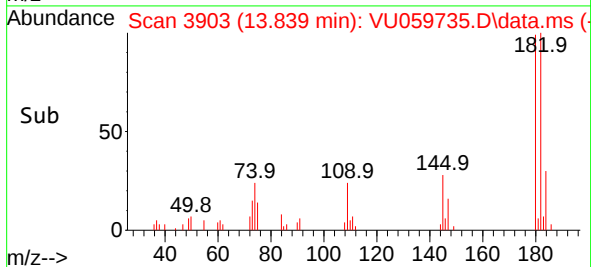
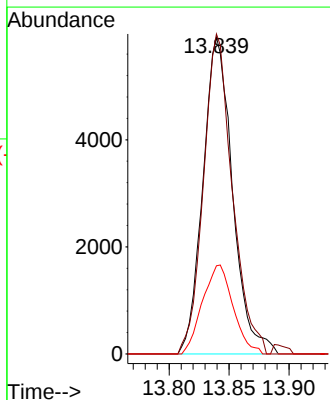
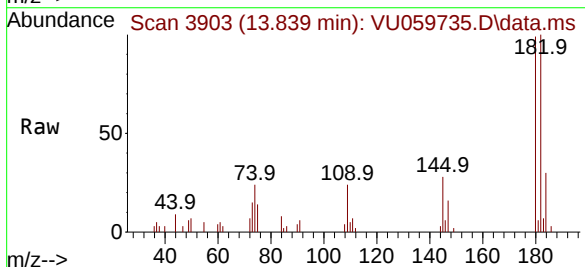
Tgt Ion:180 Resp: 10160

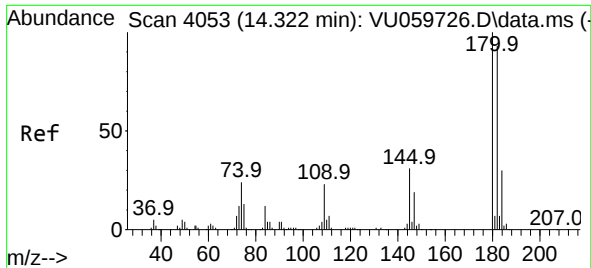
Ion Ratio Lower Upper

180 100

182 98.4 76.4 114.6

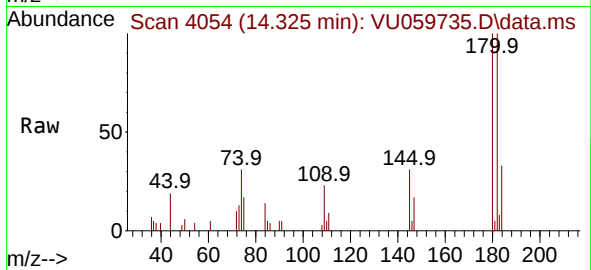
145 29.0 23.0 34.4





#72
 1,2,3-Trichlorobenzene
 Concen: 2.426 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.003 min
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Tgt Ion:	180	Resp:	6254
Ion Ratio	Lower	Upper	
180	100		
182	99.7	75.8	113.8
145	32.5	24.5	36.7

