

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU060000.D
 Acq On : 17 Jul 2024 17:41
 Operator : MD/SY
 Sample : VIBLK055
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK055

Quant Time: Jul 18 02:50:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 02:31:59 2024
 Response via : Initial Calibration

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

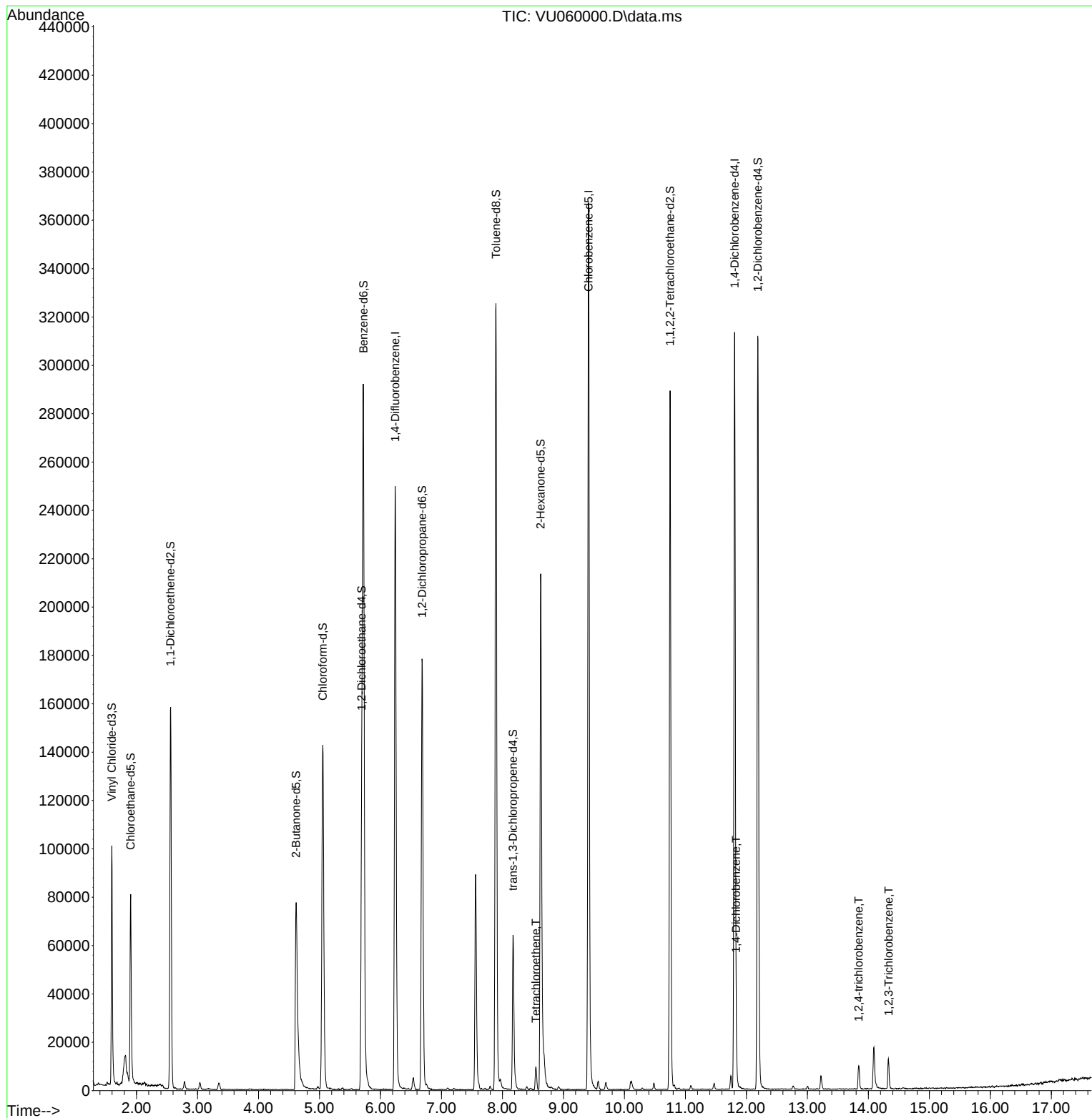
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	217035	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93579	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75924	54.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 108.960%	
7) Chloroethane-d5	1.904	69	64788	55.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.540%	
11) 1,1-Dichloroethene-d2	2.557	63	91774	37.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 74.140%	
21) 2-Butanone-d5	4.618	46	118715	122.584	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 122.580%	
24) Chloroform-d	5.055	84	138149	51.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.380%	
26) 1,2-Dichloroethane-d4	5.692	65	85972	53.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.160%	
32) Benzene-d6	5.721	84	283301	50.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.960%	
36) 1,2-Dichloropropane-d6	6.685	67	91052	52.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.880%	
41) Toluene-d8	7.894	98	237119	44.866	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 89.740%	
43) trans-1,3-Dichloroprop...	8.174	79	38270	47.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.100%	
47) 2-Hexanone-d5	8.627	63	74488	102.758	ug/L	-0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	= 102.760%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	148479	56.242	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.480%	
66) 1,2-Dichlorobenzene-d4	12.187	152	90964	52.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.800%	
Target Compounds						Qvalue
46) Tetrachloroethene	8.550	164	2542	1.976	ug/L	92
65) 1,4-Dichlorobenzene	11.833	146	3338	1.141	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	4222	2.297	ug/L	94
72) 1,2,3-Trichlorobenzene	14.331	180	4675	2.535	ug/L	97

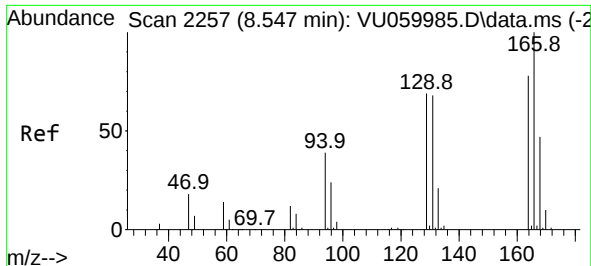
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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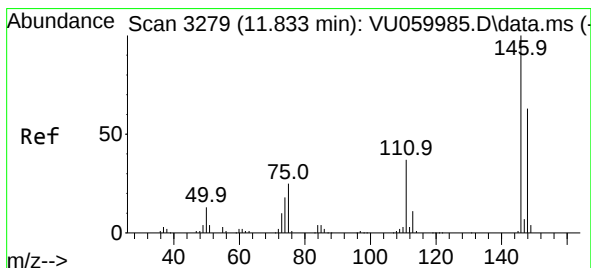
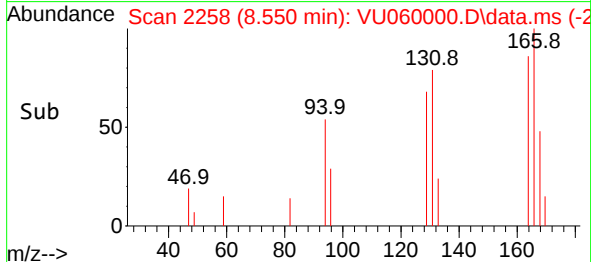
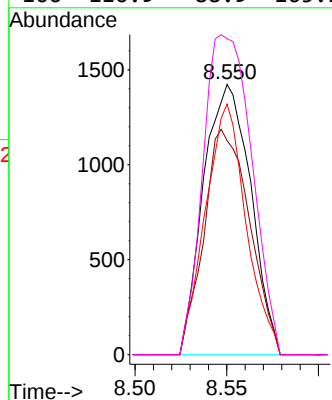
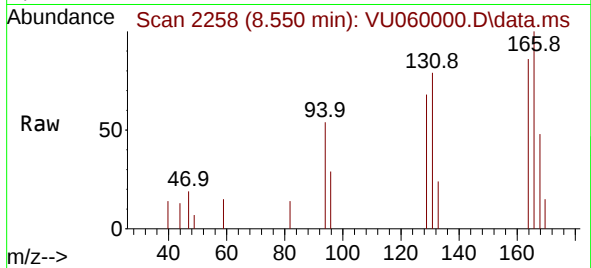




#46
Tetrachloroethene
Concen: 1.976 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060000.D
Acq: 17 Jul 2024 17:41

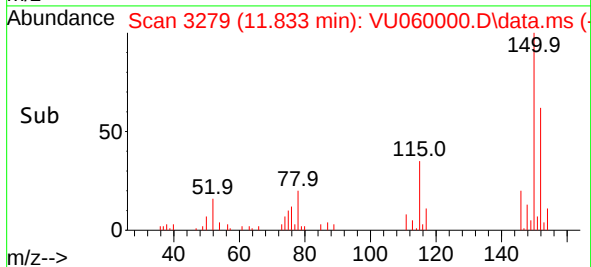
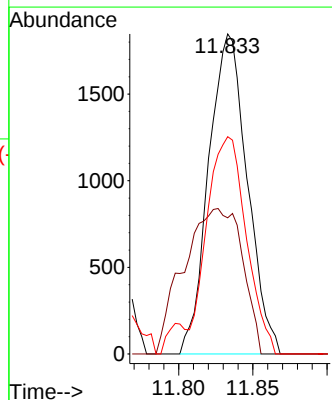
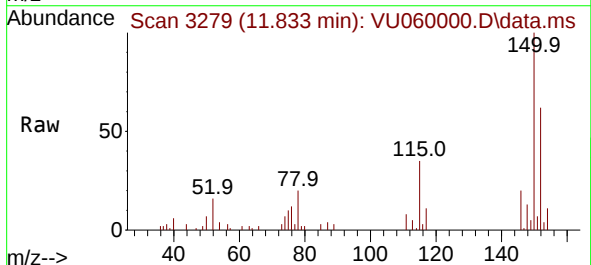
Instrument :
MSVOA_U
ClientSampleId :
VIBLK055

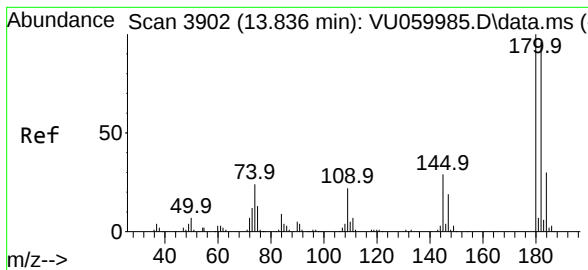
Tgt Ion:164 Resp: 2542
Ion Ratio Lower Upper
164 100
129 79.2 62.7 116.5
131 92.7 62.3 115.7
166 116.9 88.9 165.1



#65
1,4-Dichlorobenzene
Concen: 1.141 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU060000.D
Acq: 17 Jul 2024 17:41

Tgt Ion:146 Resp: 3338
Ion Ratio Lower Upper
146 100
111 40.1 25.9 48.1
148 64.0 44.0 81.8

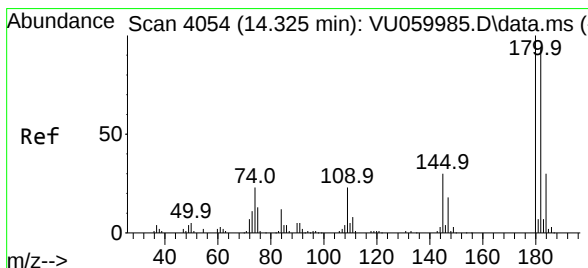
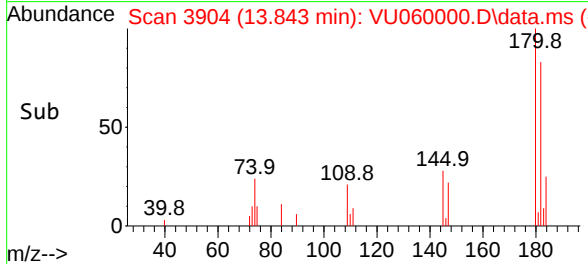
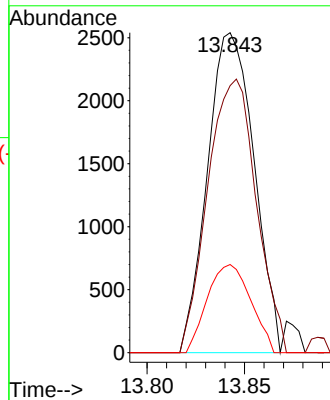
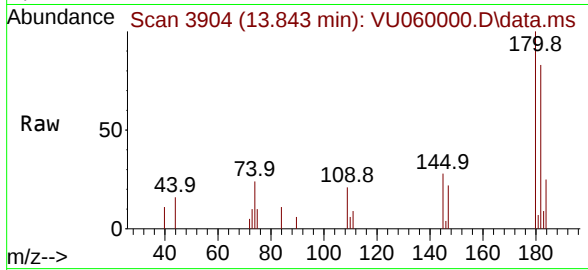




#70
1,2,4-trichlorobenzene
Concen: 2.297 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU060000.D
Acq: 17 Jul 2024 17:41

Instrument :
MSVOA_U
ClientSampleId :
VIBLK055

Tgt Ion:180 Resp: 4222
Ion Ratio Lower Upper
180 100
182 89.1 76.4 114.6
145 25.7 23.0 34.4



#72
1,2,3-Trichlorobenzene
Concen: 2.535 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU060000.D
Acq: 17 Jul 2024 17:41

Tgt Ion:180 Resp: 4675
Ion Ratio Lower Upper
180 100
182 98.1 75.8 113.8
145 28.6 24.5 36.7

