

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057892.D
 Acq On : 20 Feb 2024 11:05
 Operator : MD/SY
 Sample : P1496-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA03

Quant Time: Feb 21 00:12:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 21 00:11:26 2024
 Response via : Initial Calibration

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

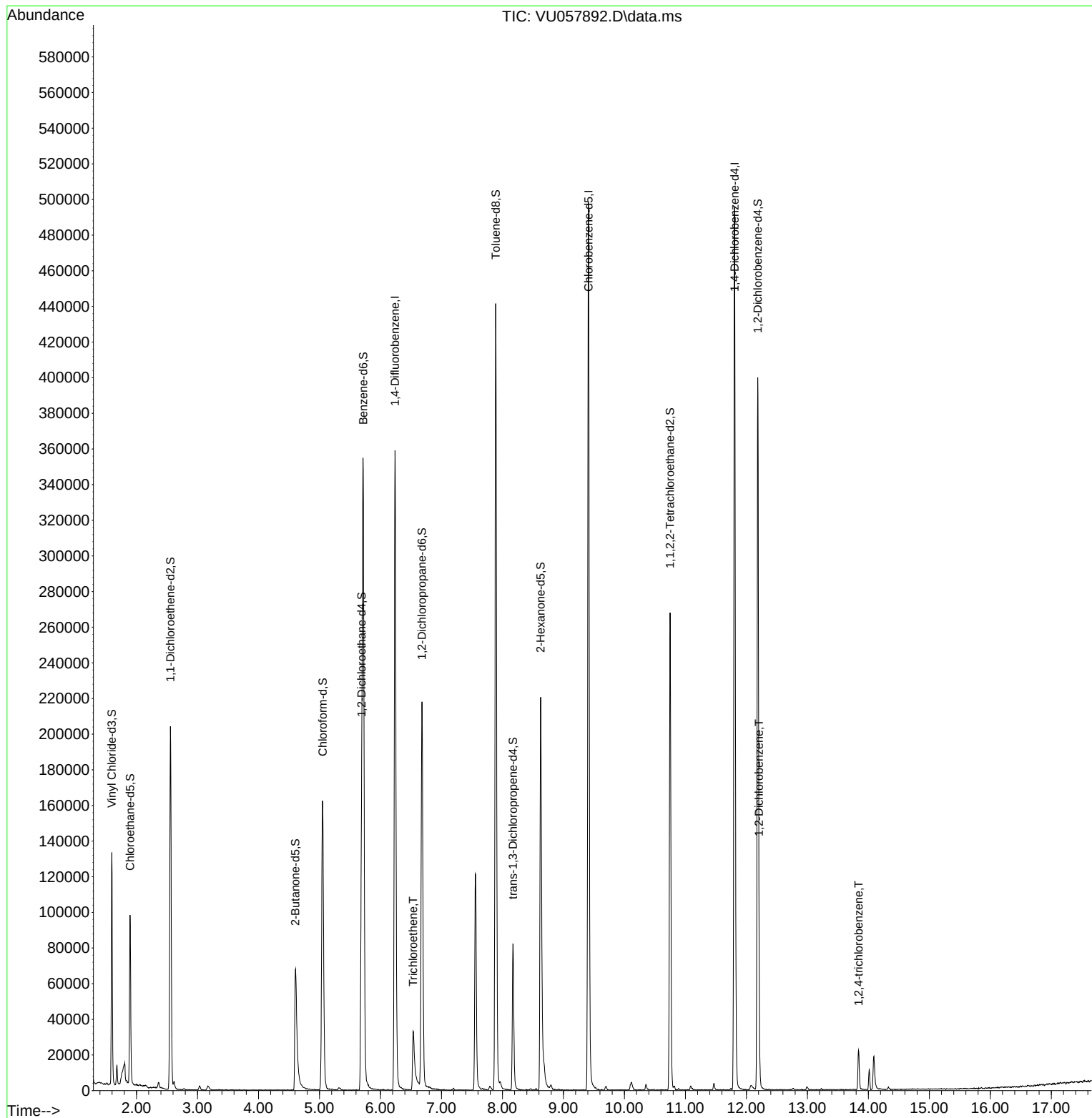
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	282459	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	269775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94344	46.136	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.280%	
7) Chloroethane-d5	1.894	69	72273	47.817	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.640%	
11) 1,1-Dichloroethene-d2	2.557	63	126021	33.068	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.140%	
21) 2-Butanone-d5	4.605	46	106899	137.583	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	137.580%#	
24) Chloroform-d	5.052	84	154489	44.553	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.100%	
26) 1,2-Dichloroethane-d4	5.692	65	103666	47.691	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.380%	
32) Benzene-d6	5.717	84	326928	48.357	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.720%	
36) 1,2-Dichloropropane-d6	6.679	67	104275	47.766	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.540%	
41) Toluene-d8	7.891	98	292966	47.871	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.740%	
43) trans-1,3-Dichloroprop...	8.174	79	47373	45.569	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.140%	
47) 2-Hexanone-d5	8.627	63	80279	95.657	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.660%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	134965	44.804	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	98709	47.984	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.960%	
Target Compounds						
					Qvalue	
34) Trichloroethene	6.537	95	4223	1.746	ug/L	92
67) 1,2-Dichlorobenzene	12.206	146	6506	1.506	ug/L	94
70) 1,2,4-trichlorobenzene	13.839	180	6764	2.845	ug/L	94

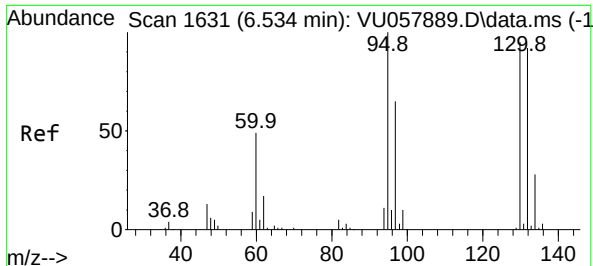
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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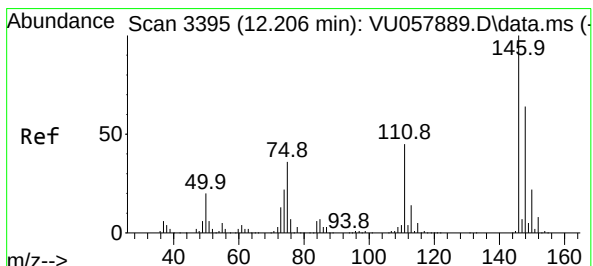
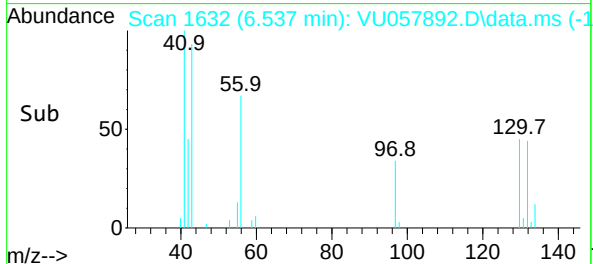
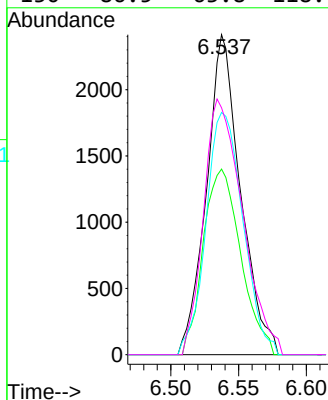
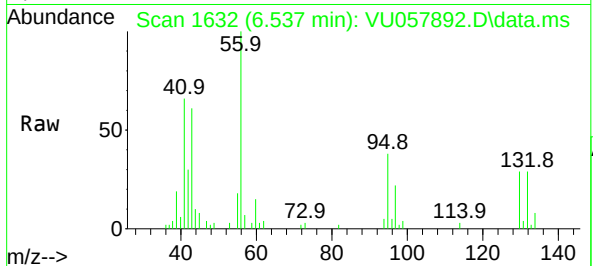


#34
Trichloroethene
Concen: 1.746 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057892.D
Acq: 20 Feb 2024 11:05

Instrument :
MSVOA_U
ClientSampleId :
BHA03

Tgt Ion: 95 Resp: 4223

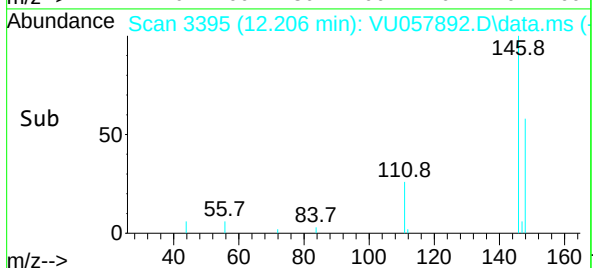
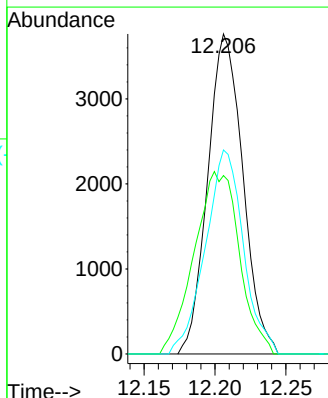
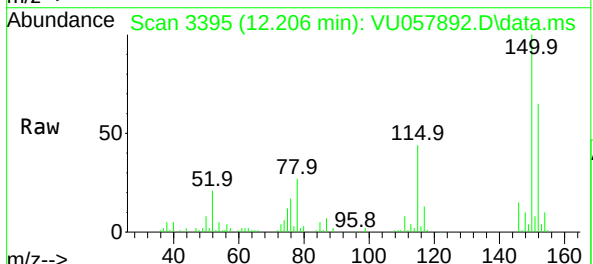
Ion	Ratio	Lower	Upper
95	100		
97	58.0	44.2	82.2
132	75.7	61.4	114.0
130	86.5	63.8	118.4

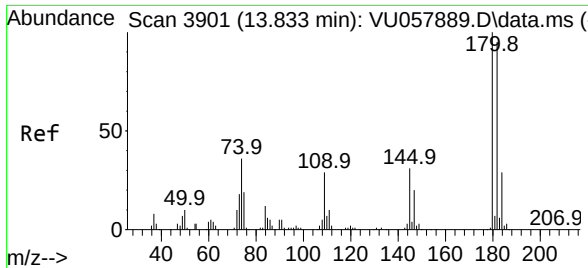


#67
1,2-Dichlorobenzene
Concen: 1.506 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057892.D
Acq: 20 Feb 2024 11:05

Tgt Ion: 146 Resp: 6506

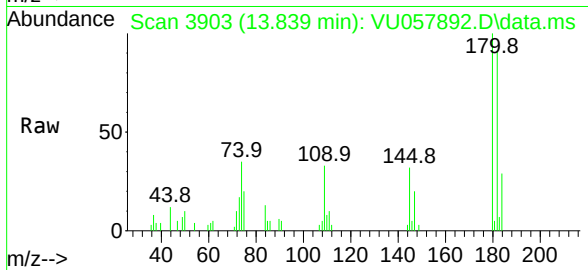
Ion	Ratio	Lower	Upper
146	100		
111	55.8	37.3	55.9
148	63.7	51.3	76.9





#70
1,2,4-trichlorobenzene
Concen: 2.845 ug/L
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU057892.D
Acq: 20 Feb 2024 11:05

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Tgt Ion:180 Resp: 6764
Ion Ratio Lower Upper
180 100
182 89.0 75.8 113.6
145 35.0 25.9 38.9

