

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 :

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)

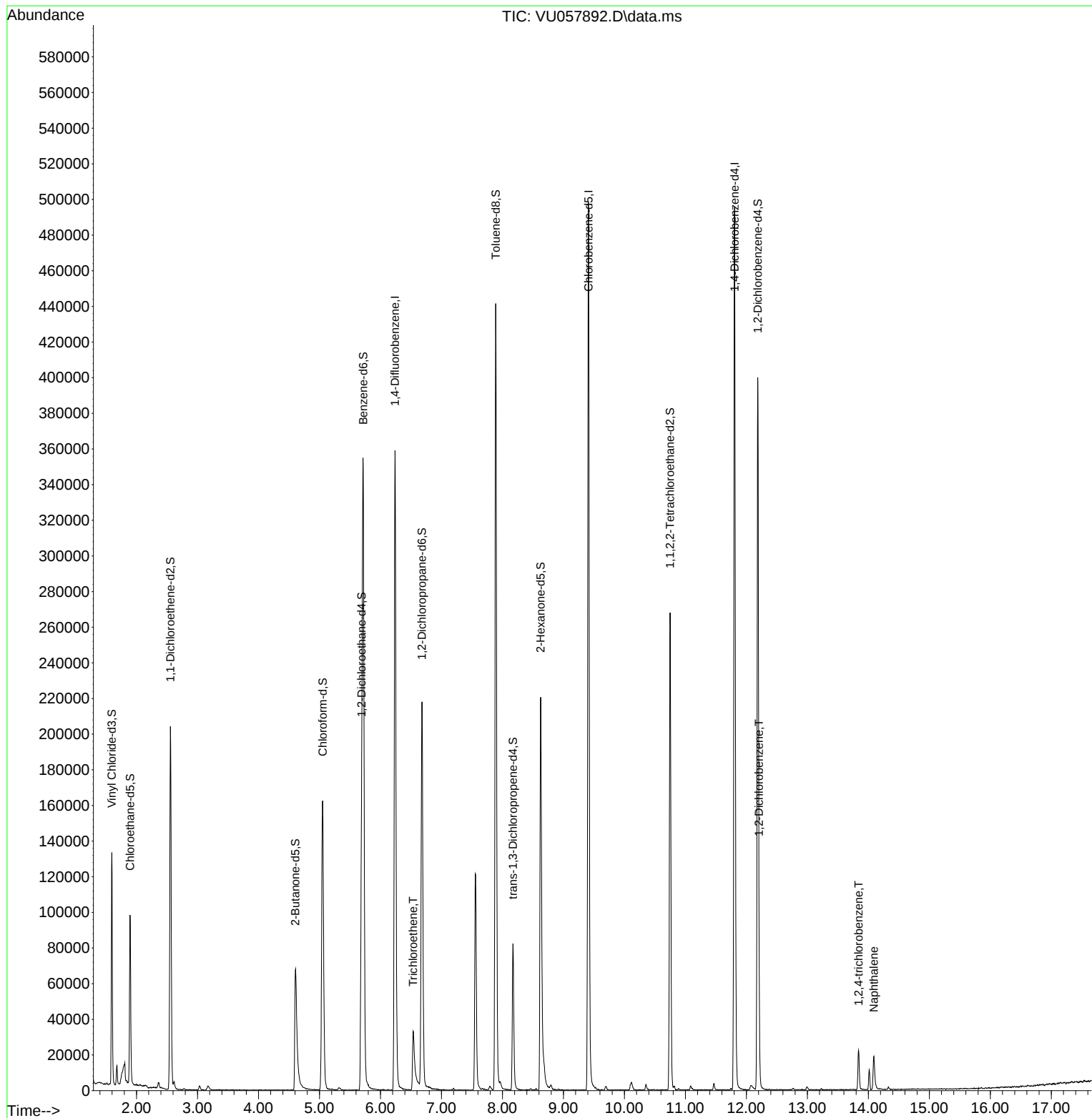
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	282459	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	269775	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94344	46.136	ug/L	0.00
Spiked Amount 50.000	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
71) Naphthalene	14.090	128	19335	3.063	ug/L	96

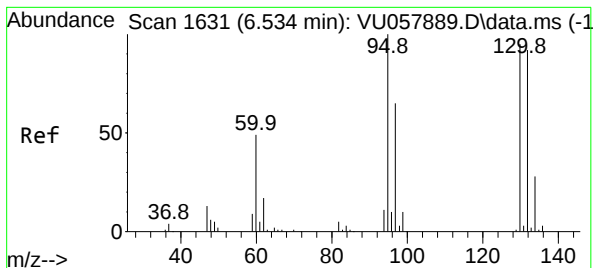
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.746 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057892.D

Acq: 20 Feb 2024 11:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4223

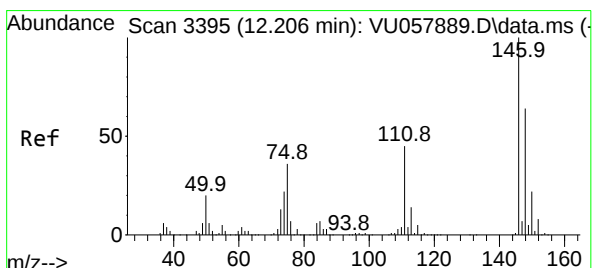
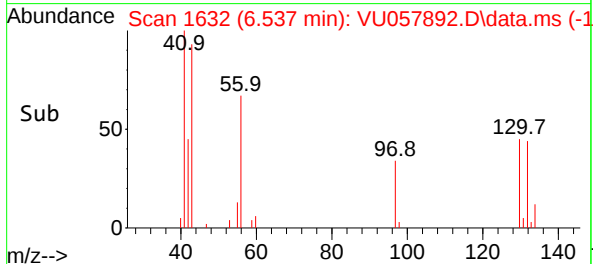
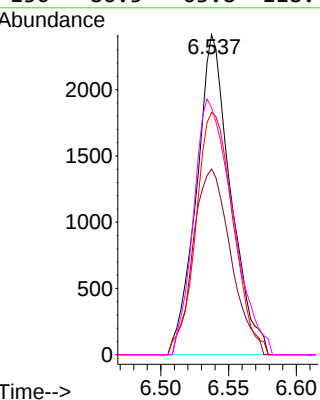
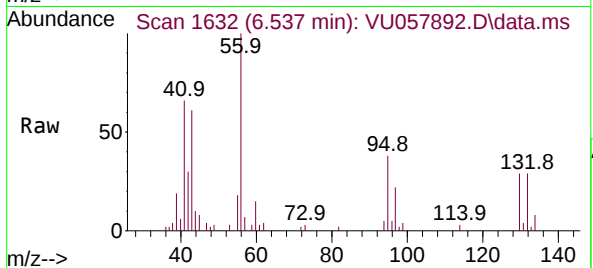
Ion Ratio Lower Upper

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

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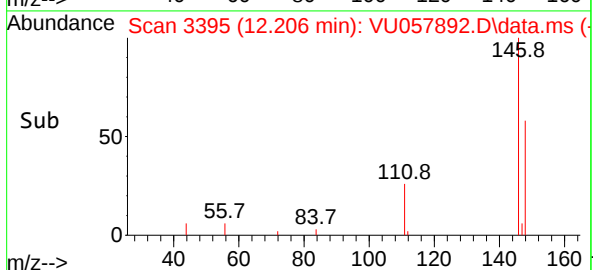
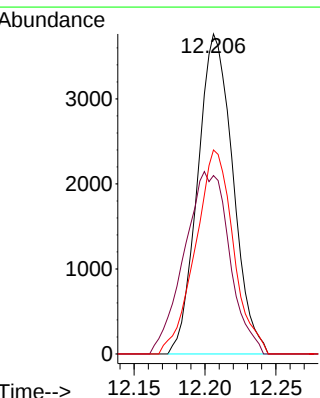
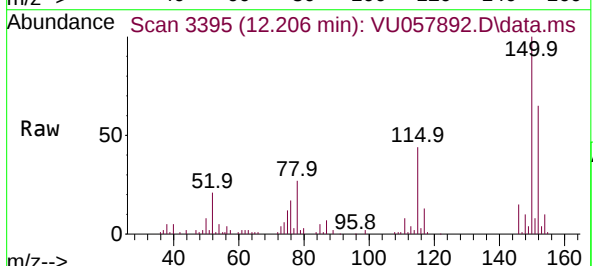
Tgt Ion: 146 Resp: 6506

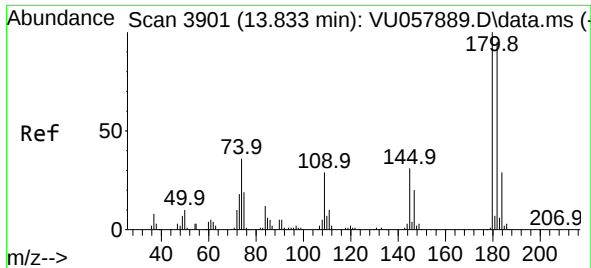
Ion Ratio Lower Upper

146 100

111 55.8 37.3 55.9

148 63.7 51.3 76.9

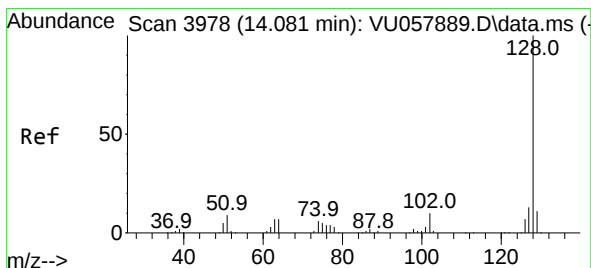
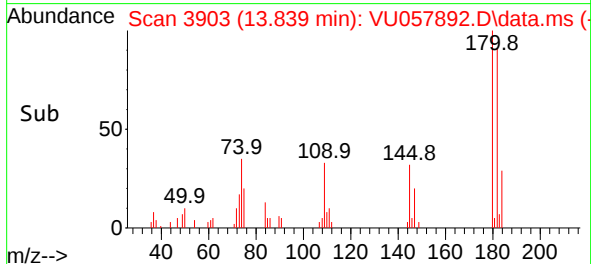
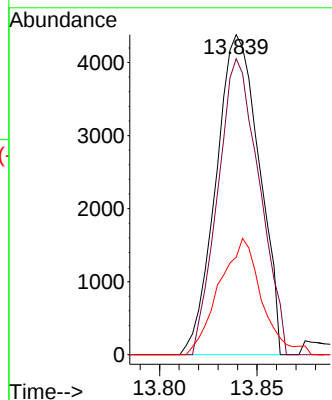
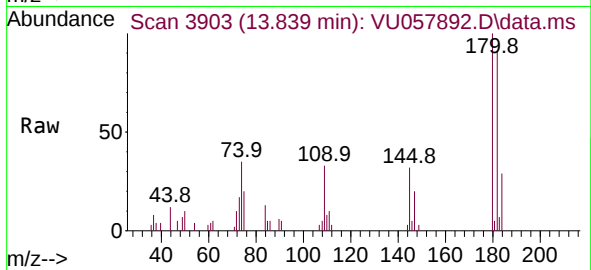




#70
1,2,4-trichlorobenzene
Concen: 2.845 ug/L
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU057892.D
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Instrument :
MSVOA_U
ClientSampleId :

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



#71
Naphthalene
Concen: 3.063 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU057892.D
Acq: 20 Feb 2024 11:05

Tgt Ion:128 Resp: 19335
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 9.7 8.6 12.8

