

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058986.D
 Acq On : 24 May 2024 21:27
 Operator : MD/SY
 Sample : P2566-16 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:31:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

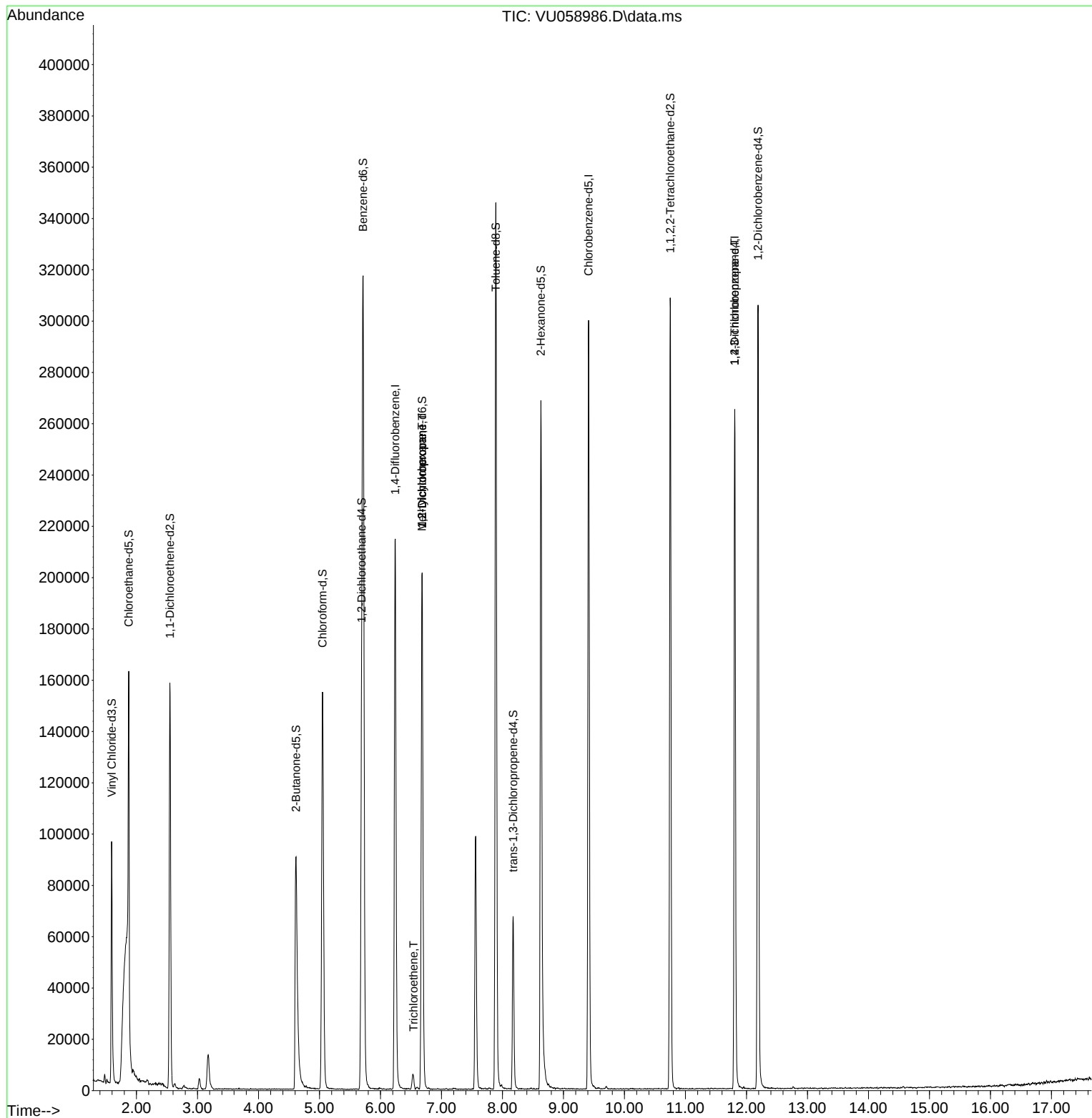
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169828	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	68746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	75834	42.220	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.440%	
7) Chloroethane-d5	1.872	69	65959	44.186	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.380%	
11) 1,1-Dichloroethene-d2	2.547	63	97708	35.605	ug/L	-0.01
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.220%	
21) 2-Butanone-d5	4.615	46	150799	122.224	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	122.220%	
24) Chloroform-d	5.049	84	146385	47.514	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.020%	
26) 1,2-Dichloroethane-d4	5.689	65	99894	53.017	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.040%	
32) Benzene-d6	5.715	84	293090	52.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.920%	
36) 1,2-Dichloropropane-d6	6.682	67	99751	54.054	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.100%	
41) Toluene-d8	7.891	98	231035	46.133	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.260%	
43) trans-1,3-Dichloroprop...	8.174	79	38331	46.258	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.520%	
47) 2-Hexanone-d5	8.631	63	94302	123.557	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	123.560%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	161217	58.071	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	116.140%	
66) 1,2-Dichlorobenzene-d4	12.190	152	80041	56.427	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.860%	
Target Compounds						
					Qvalue	
34) Trichloroethene	6.541	95	1501	1.148	ug/L #	78
35) Methylcyclohexane	6.679	83	21771	14.205	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	11330	7.076	ug/L #	91
60) 1,2,3-Trichloropropane	11.808	75	9442	5.397	ug/L #	68

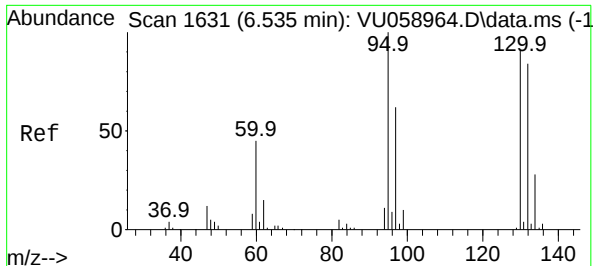
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.148 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 1501

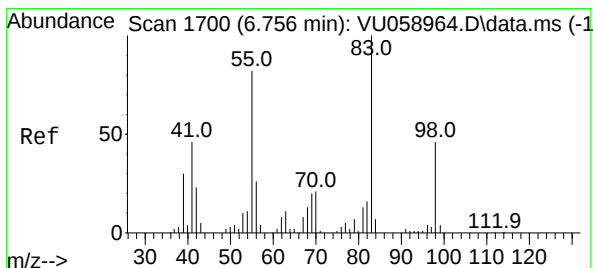
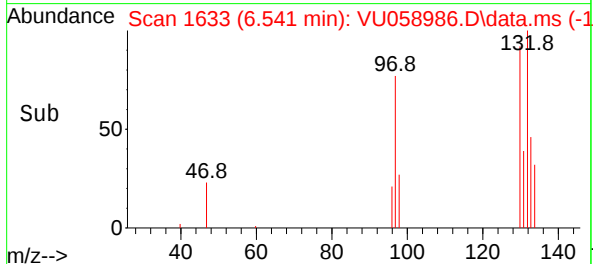
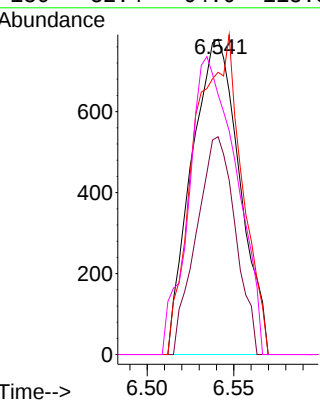
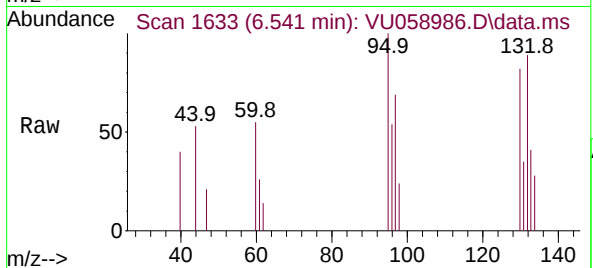
Ion Ratio Lower Upper

95 100

97 69.1 45.9 85.3

132 130.9 60.5 112.5#

130 82.4 64.0 118.8



#35

Methylcyclohexane

Concen: 14.205 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

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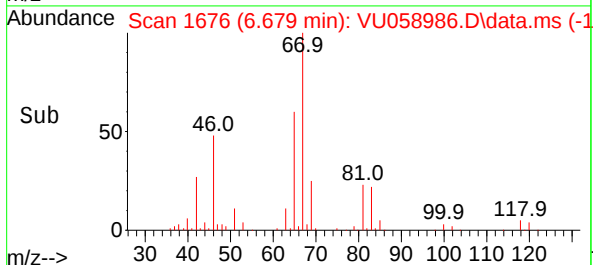
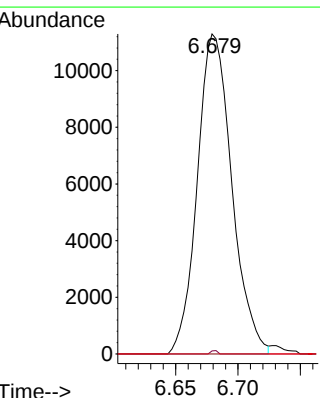
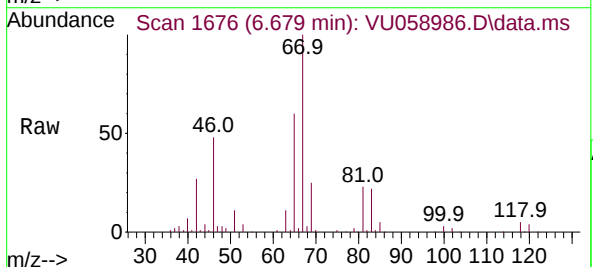
Tgt Ion: 83 Resp: 21771

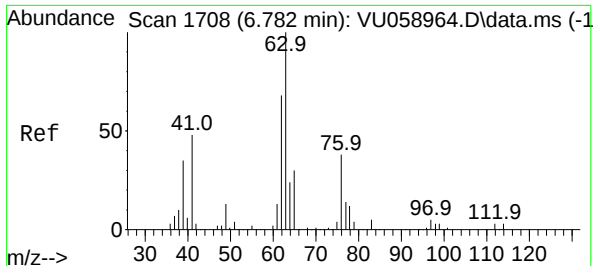
Ion Ratio Lower Upper

83 100

55 0.2 61.5 92.3#

98 0.0 36.2 54.2#

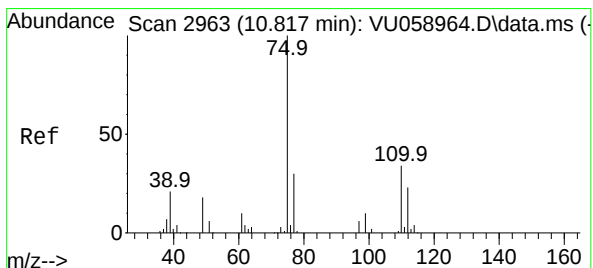
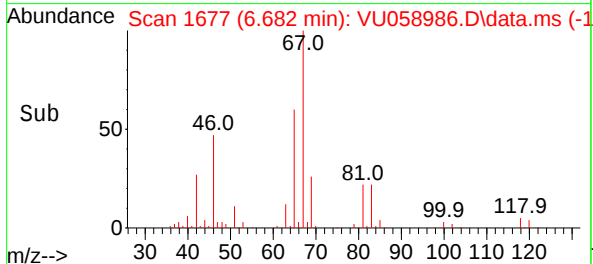
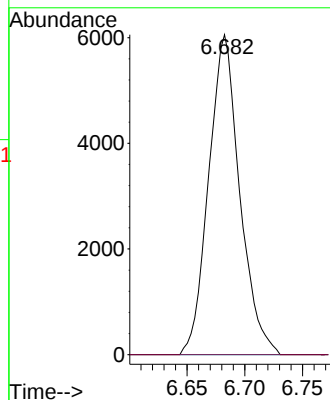
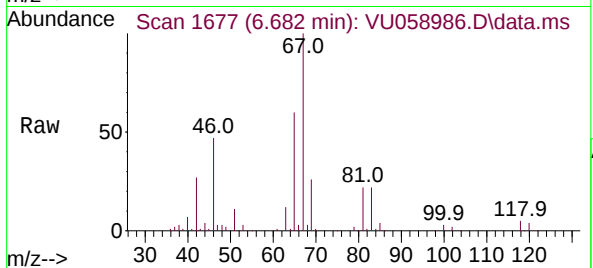




#37
1,2-Dichloropropane
Concen: 7.076 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
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Tgt Ion: 63 Resp: 11330
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



#60
1,2,3-Trichloropropane
Concen: 5.397 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058986.D
Acq: 24 May 2024 21:27

Tgt Ion: 75 Resp: 9442
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
110 1.2 28.3 42.5#

