

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052880.D
 Acq On : 31 Jan 2023 15:19
 Operator : JC/MD
 Sample : 01314-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

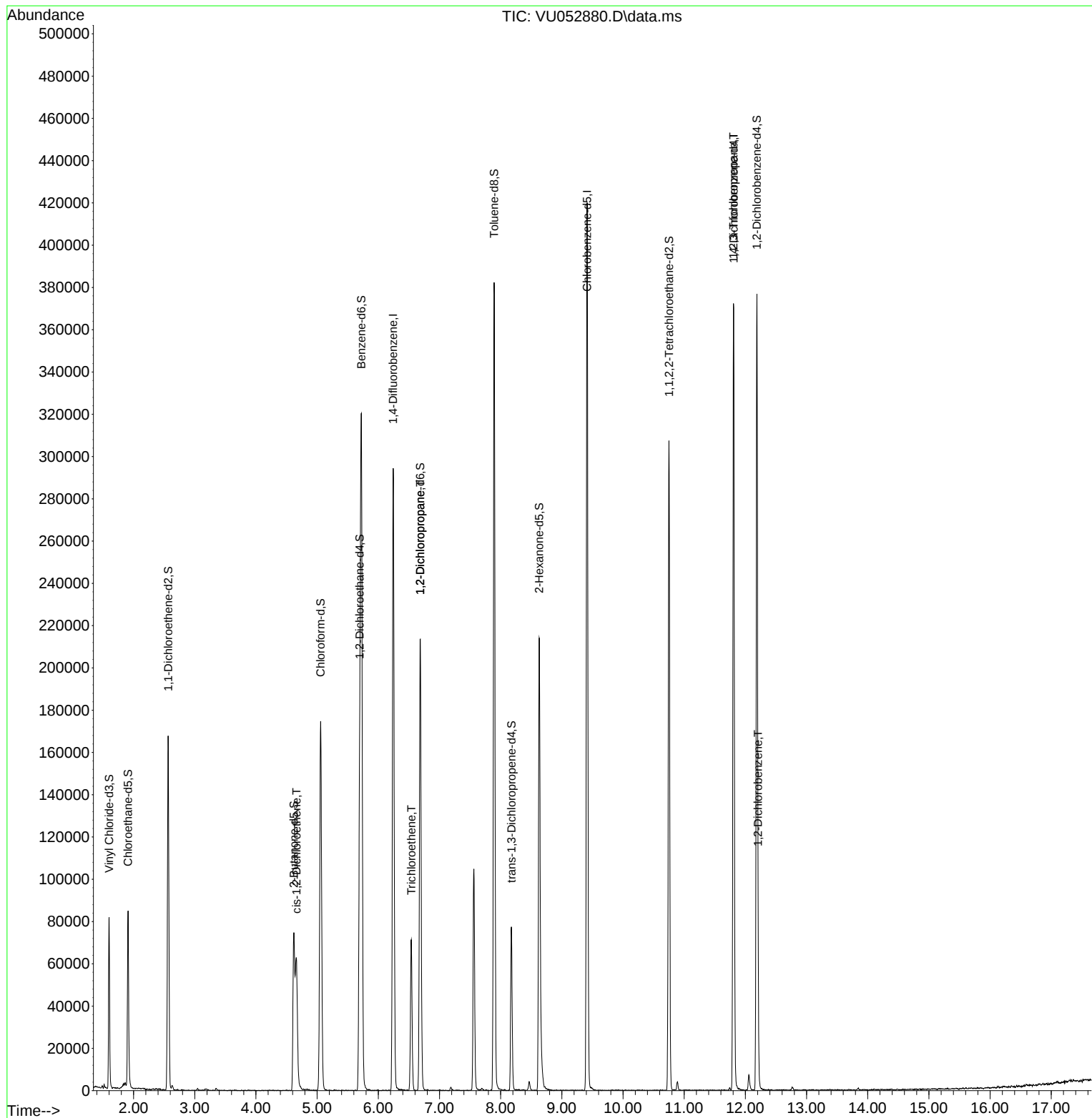
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	237651	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238351	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61796	36.127	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.260%		
7) Chloroethane-d5	1.909	69	63432	45.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.020%		
11) 1,1-Dichloroethene-d2	2.565	63	100683	29.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.180%#		
21) 2-Butanone-d5	4.620	46	104581	98.972	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.970%		
24) Chloroform-d	5.057	84	165076	45.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.440%		
26) 1,2-Dichloroethane-d4	5.697	65	112014	48.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.120%		
32) Benzene-d6	5.723	84	302510	41.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.080%		
36) 1,2-Dichloropropane-d6	6.684	67	97890	45.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.660%		
41) Toluene-d8	7.893	98	253131	38.174	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.340%#		
43) trans-1,3-Dichloroprop...	8.176	79	44774	41.828	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.660%		
47) 2-Hexanone-d5	8.629	63	67671	90.177	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.180%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	143466	45.466	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.940%		
66) 1,2-Dichlorobenzene-d4	12.188	152	101515	50.711	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.420%		
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.661	96	28993	14.293	ug/L	99
34) Trichloroethene	6.539	95	23883	11.581	ug/L	97
37) 1,2-Dichloropropane	6.684	63	11032	5.531	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	11025	5.513	ug/L #	66
67) 1,2-Dichlorobenzene	12.208	146	8693	2.558	ug/L	97

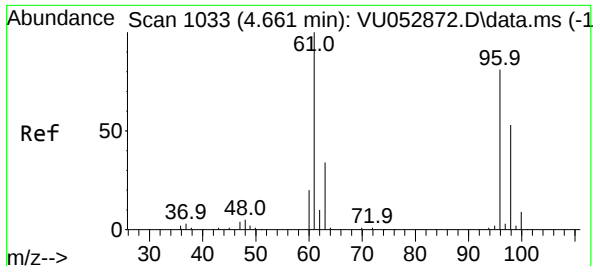
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
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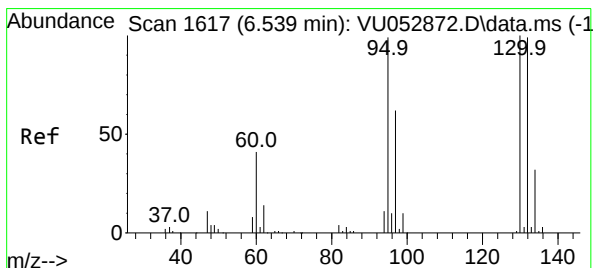
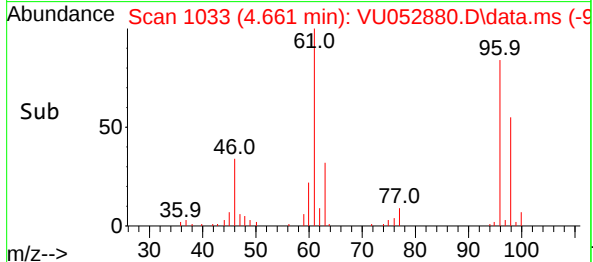
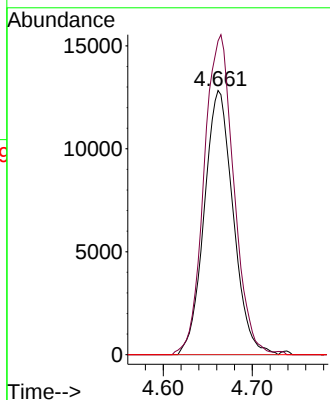
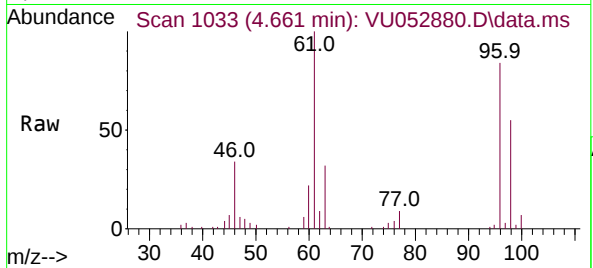




#20
cis-1,2-Dichloroethene
Concen: 14.293 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052880.D
Acq: 31 Jan 2023 15:19

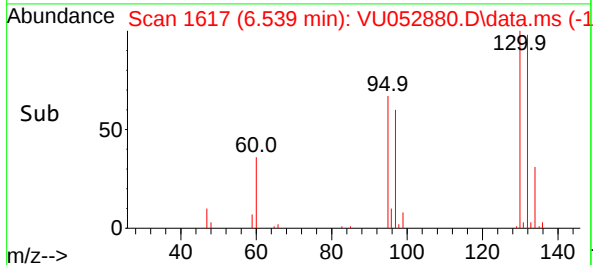
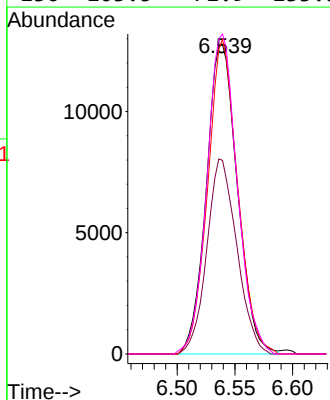
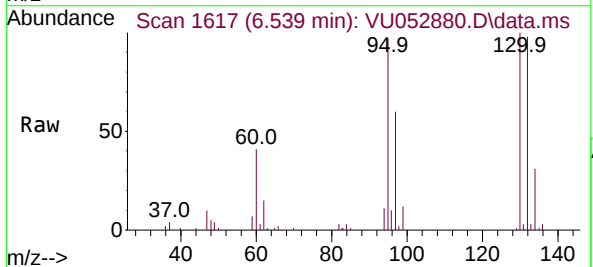
Instrument :
MSVOA_U
ClientSampleId :

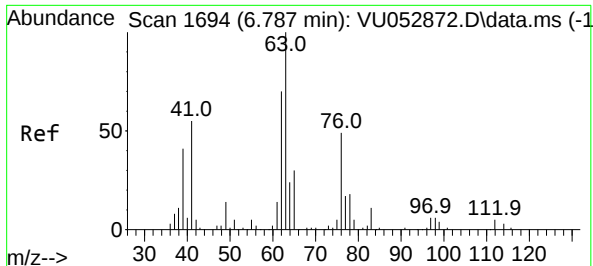
Tgt Ion: 96 Resp: 28993
Ion Ratio Lower Upper
96 100
61 118.8 84.1 156.1
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 11.581 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052880.D
Acq: 31 Jan 2023 15:19

Tgt Ion: 95 Resp: 23883
Ion Ratio Lower Upper
95 100
97 62.6 44.5 82.7
132 101.7 66.8 124.0
130 103.5 71.9 133.5





#37

1,2-Dichloropropane

Concen: 5.531 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052880.D

Acq: 31 Jan 2023 15:19

Instrument :

MSVOA_U

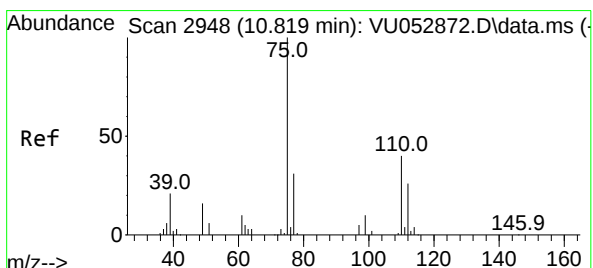
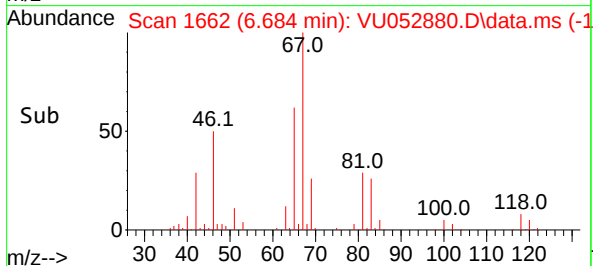
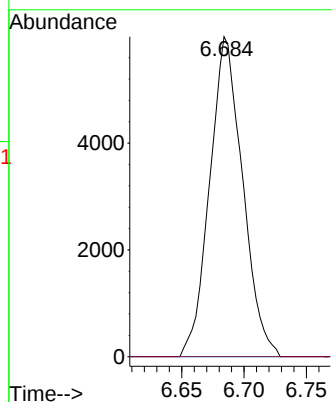
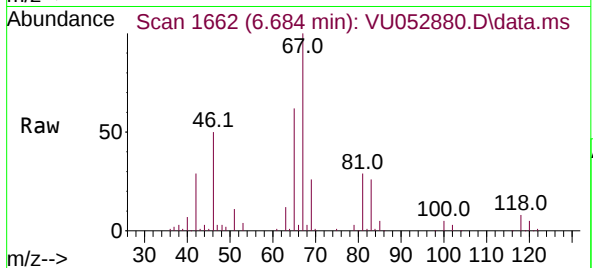
ClientSampleId :

Tgt Ion: 63 Resp: 11032

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.513 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052880.D

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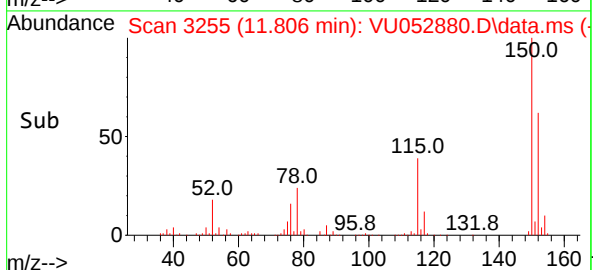
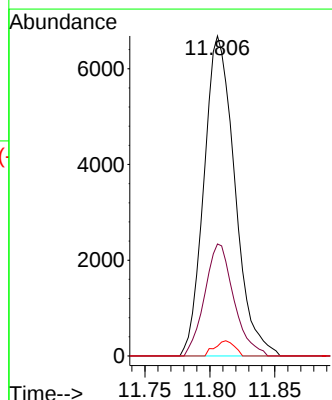
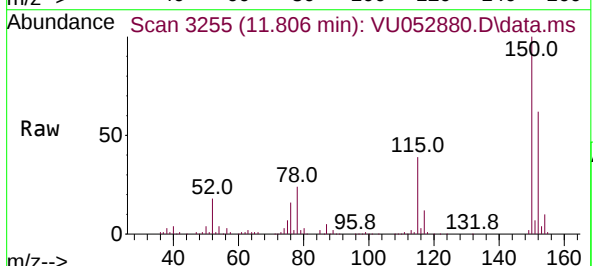
Tgt Ion: 75 Resp: 11025

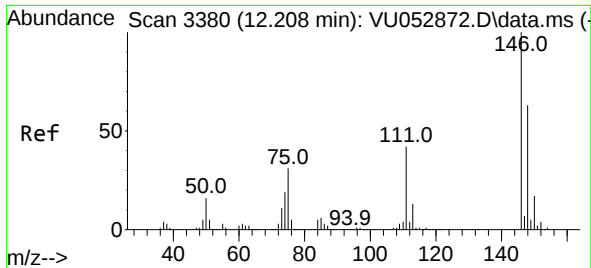
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

110 3.0 32.4 48.6#





#67

1,2-Dichlorobenzene

Concen: 2.558 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

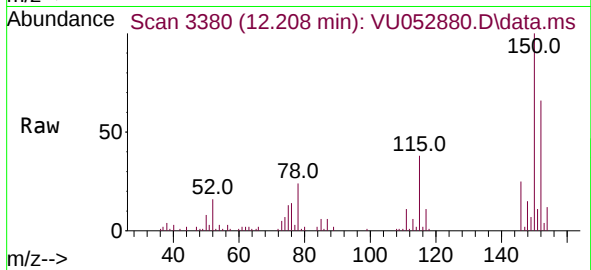
Lab File: VU052880.D

Acq: 31 Jan 2023 15:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 8693

Ion Ratio Lower Upper

146 100

111 41.7 33.2 49.8

148 58.7 50.2 75.4

