

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052885.D
 Acq On : 31 Jan 2023 17:40
 Operator : JC/MD
 Sample : 01314-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:58:04 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)

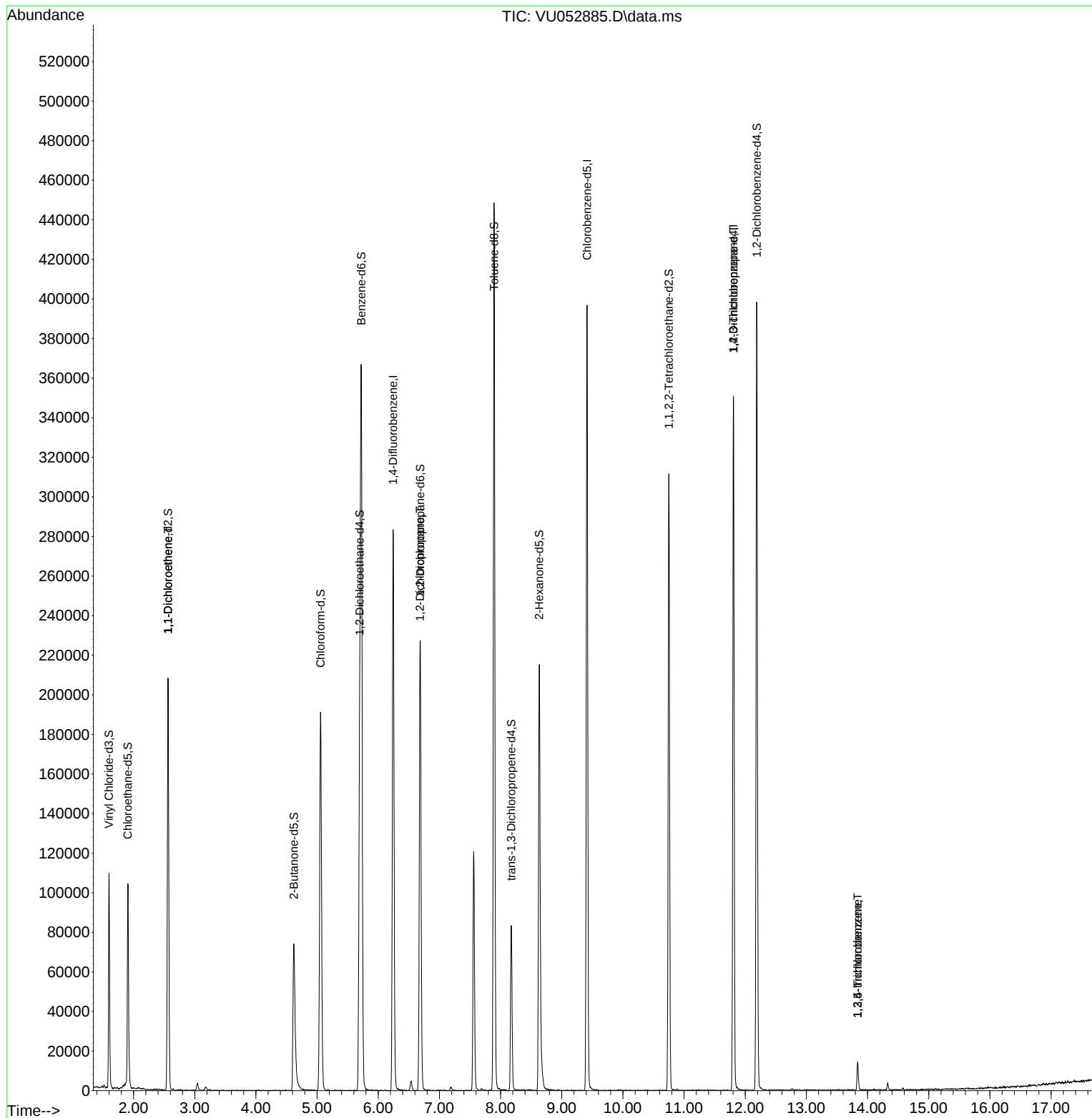
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	231711	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	224575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82737	49.610	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.220%	
7) Chloroethane-d5	1.906	69	76531	55.692	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	111.380%	
11) 1,1-Dichloroethene-d2	2.562	63	124855	37.640	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	75.280%	
21) 2-Butanone-d5	4.620	46	107952	104.782	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.780%	
24) Chloroform-d	5.057	84	179988	50.569	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.140%	
26) 1,2-Dichloroethane-d4	5.697	65	123638	54.402	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.800%	
32) Benzene-d6	5.723	84	348037	50.726	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.460%	
36) 1,2-Dichloropropane-d6	6.687	67	106042	52.698	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.400%	
41) Toluene-d8	7.893	98	295441	47.288	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.580%	
43) trans-1,3-Dichloroprop...	8.176	79	48887	48.472	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.940%	
47) 2-Hexanone-d5	8.632	63	70145	99.208	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.210%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	146638	49.322	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.640%	
66) 1,2-Dichlorobenzene-d4	12.189	152	108295	56.243	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.480%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.565	96	956	0.558	ug/L #	1
37) 1,2-Dichloropropane	6.681	63	12133	6.456	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	9840	5.116	ug/L #	63
69) 1,3,5-Trichlorobenzene	13.838	180	5229	2.186	ug/L #	89
70) 1,2,4-trichlorobenzene	13.838	180	5229	2.607	ug/L #	94

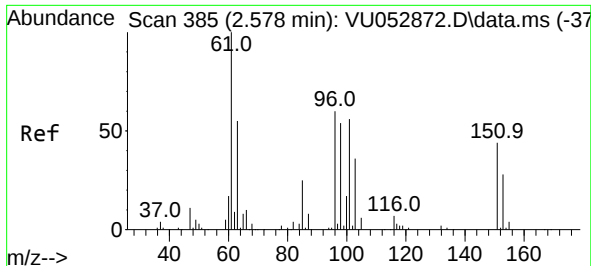
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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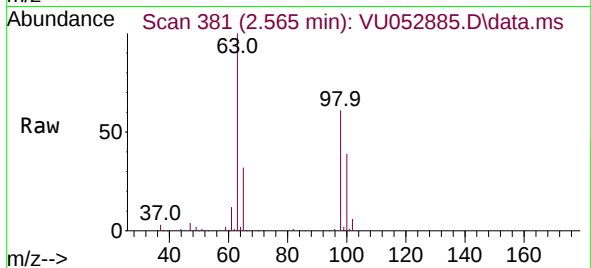
Quant Time: Feb 01 00:58:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
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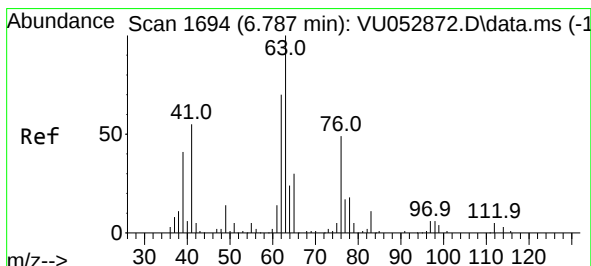
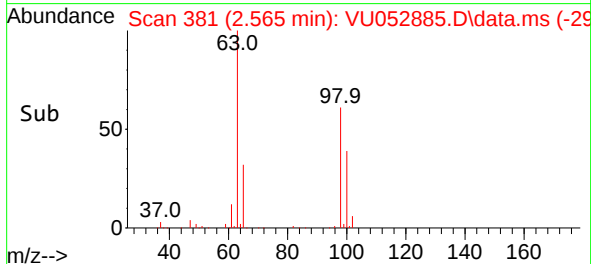
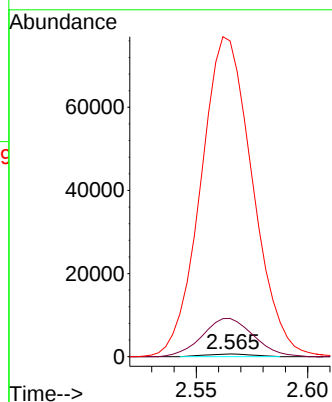


#12
 1,1-Dichloroethene
 Concen: 0.558 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU052885.D
 Acq: 31 Jan 2023 17:40

Instrument :
 MSVOA_U
 ClientSampleId :

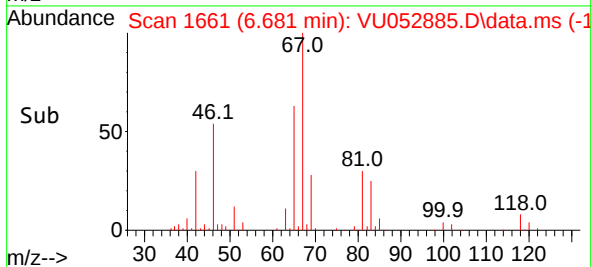
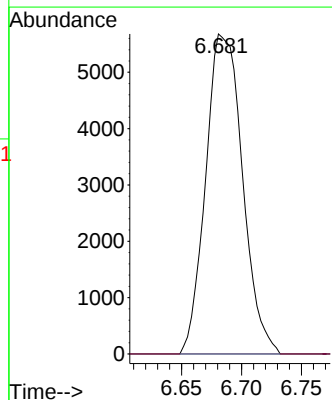
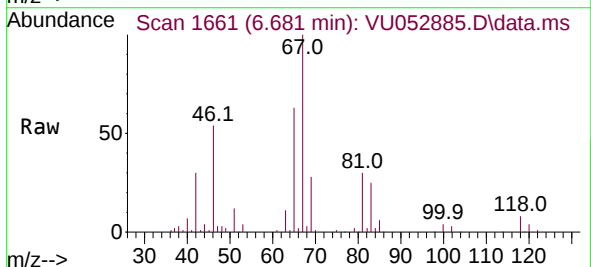


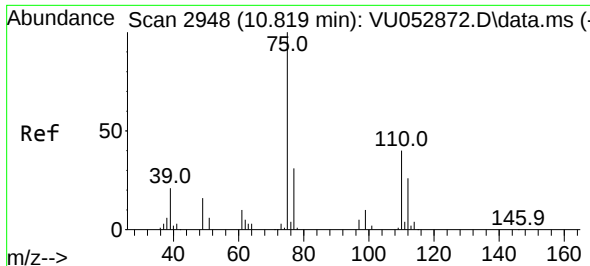
Tgt Ion: 96 Resp: 956
 Ion Ratio Lower Upper
 96 100
 61 1433.6 114.3 212.3#
 63 11814.6 80.6 149.6#



#37
 1,2-Dichloropropane
 Concen: 6.456 ug/L
 RT: 6.681 min Scan# 1661
 Delta R.T. -0.106 min
 Lab File: VU052885.D
 Acq: 31 Jan 2023 17:40

Tgt Ion: 63 Resp: 12133
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#

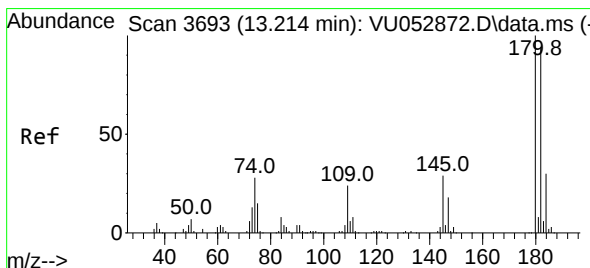
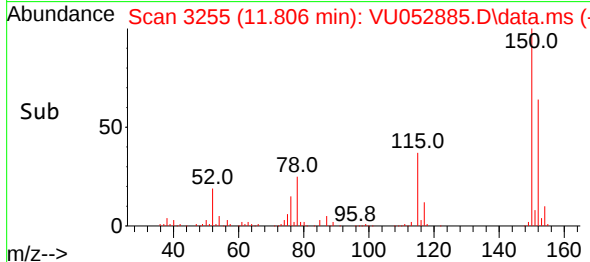
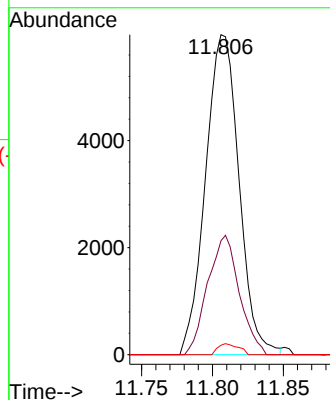
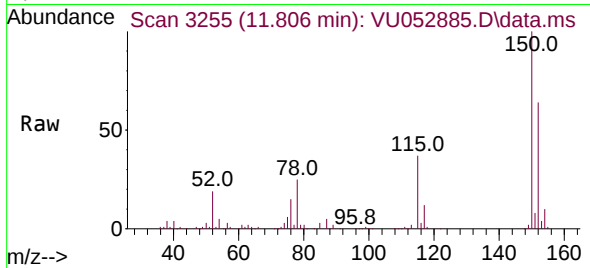




#60
1,2,3-Trichloropropane
Concen: 5.116 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052885.D
Acq: 31 Jan 2023 17:40

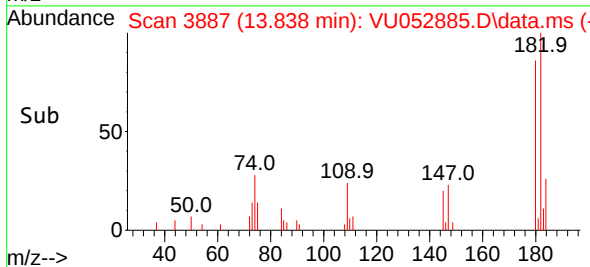
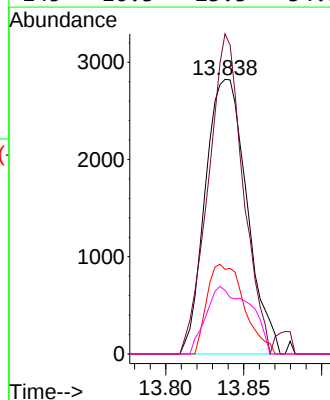
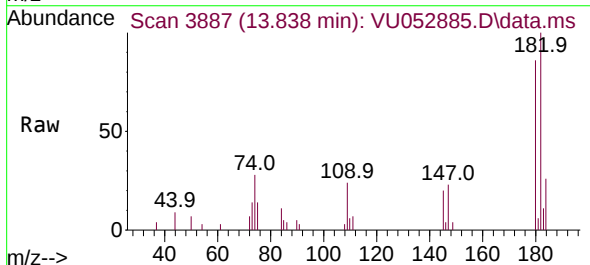
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MSVOA_U
ClientSampleId :

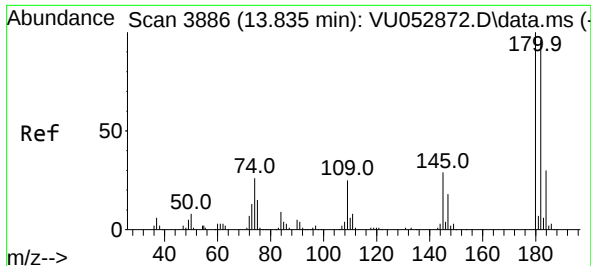
Tgt Ion: 75 Resp: 9840
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.8
110 2.1 32.4 48.6#



#69
1,3,5-Trichlorobenzene
Concen: 2.186 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.624 min
Lab File: VU052885.D
Acq: 31 Jan 2023 17:40

Tgt Ion:180 Resp: 5229
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.6
184 15.2 24.4 36.6#
145 16.3 23.3 34.9#





#70

1,2,4-trichlorobenzene

Concen: 2.607 ug/L

RT: 13.838 min Scan# 31

Delta R.T. 0.003 min

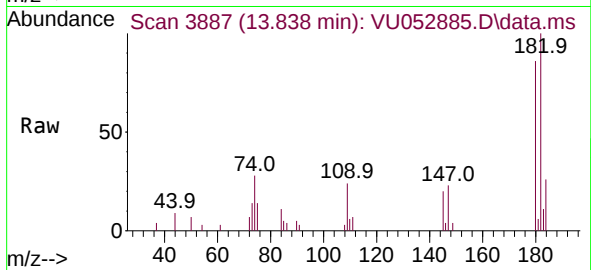
Lab File: VU052885.D

Acq: 31 Jan 2023 17:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5229

Ion Ratio Lower Upper

180 100

182 97.5 78.2 117.2

145 16.3 23.4 35.2#

