

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055881.D
 Acq On : 25 Oct 2023 15:56
 Operator : MD/SY
 Sample : 04952-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR1

Quant Time: Oct 26 01:54:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

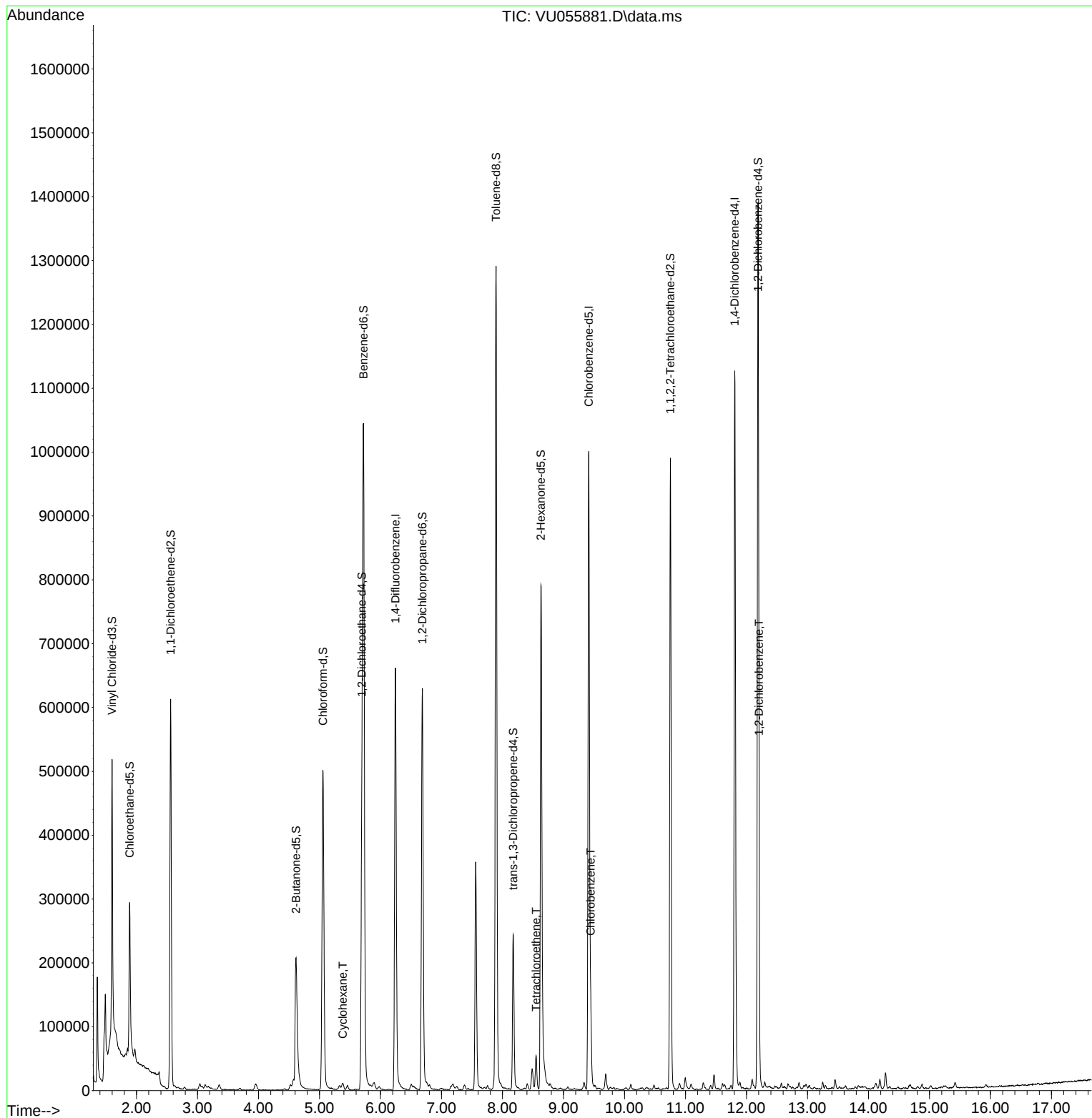
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	553581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	561004	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	296795	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	273462	55.073	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	110.140%	
7) Chloroethane-d5	1.888	69	218176	53.754	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	107.500%	
11) 1,1-Dichloroethene-d2	2.560	63	362806	40.978	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.960%	
21) 2-Butanone-d5	4.615	46	322637	87.690	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	87.690%	
24) Chloroform-d	5.055	84	480889	50.518	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	101.040%	
26) 1,2-Dichloroethane-d4	5.695	65	307000	52.396	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.800%	
32) Benzene-d6	5.721	84	1008401	56.180	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	112.360%	
36) 1,2-Dichloropropane-d6	6.685	67	309102	54.396	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	108.800%	
41) Toluene-d8	7.894	98	886830	54.716	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.440%	
43) trans-1,3-Dichloroprop...	8.174	79	146043	53.502	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	107.000%	
47) 2-Hexanone-d5	8.631	63	295447	132.255	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	132.250%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	489191	55.929	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	111.860%	
66) 1,2-Dichlorobenzene-d4	12.190	152	366006	62.143	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	124.280%#	
Target Compounds						
						Qvalue
29) Cyclohexane	5.380	56	5157	0.802	ug/L #	80
46) Tetrachloroethene	8.550	164	11752	3.383	ug/L	96
51) Chlorobenzene	9.444	112	70167	5.796	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	9507	1.047	ug/L #	92

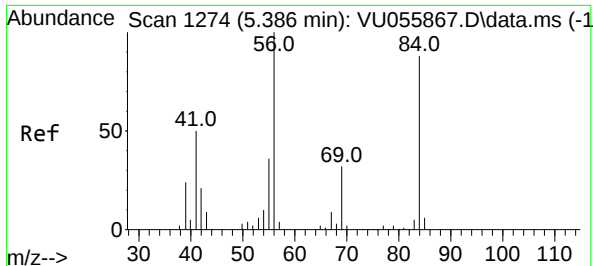
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

Cyclohexane

Concen: 0.802 ug/L

RT: 5.380 min Scan# 1274

Delta R.T. -0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

EOAR1

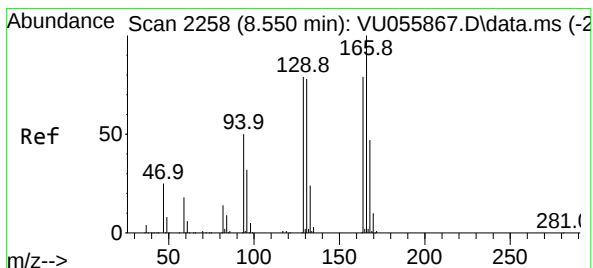
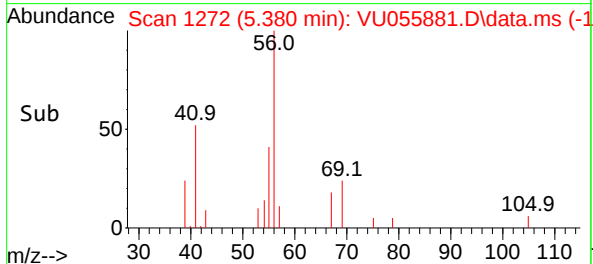
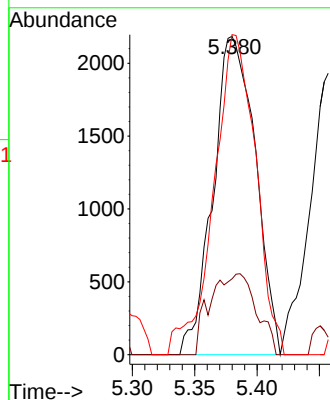
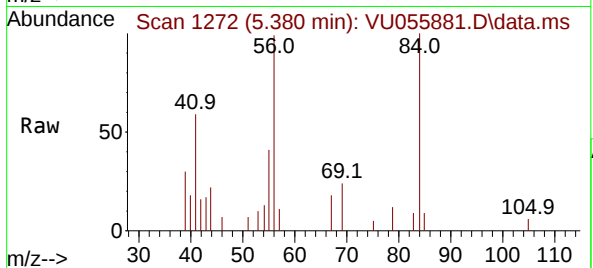
Tgt Ion: 56 Resp: 5157

Ion Ratio Lower Upper

56 100

69 3.4 24.9 37.3#

84 97.2 70.7 106.1



#46

Tetrachloroethene

Concen: 3.383 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055881.D

Acq: 25 Oct 2023 15:56

Tgt Ion: 164 Resp: 11752

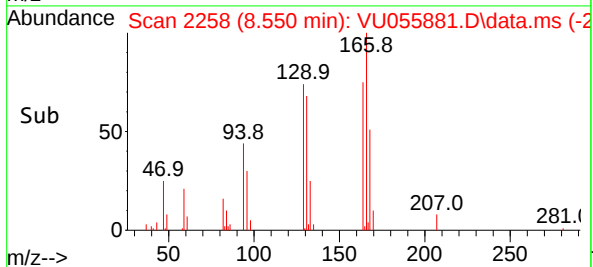
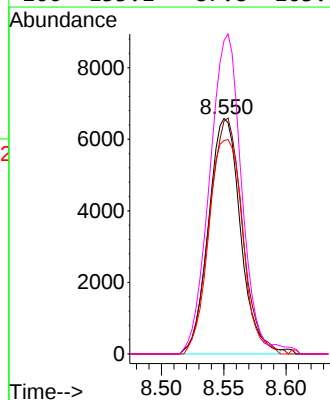
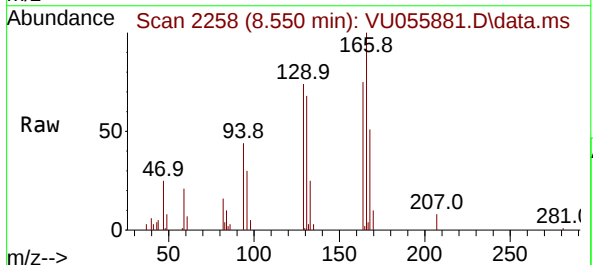
Ion Ratio Lower Upper

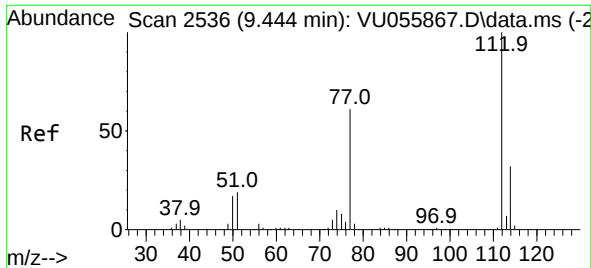
164 100

129 100.5 70.7 131.3

131 90.6 65.9 122.5

166 133.1 87.8 163.0

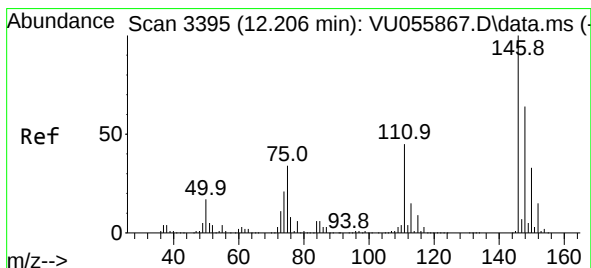
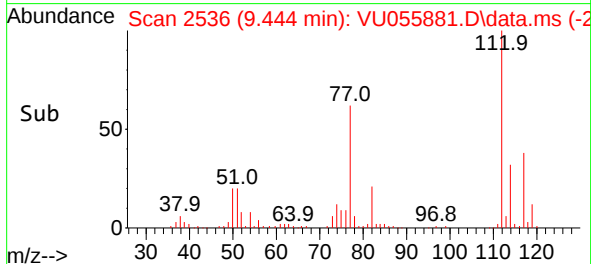
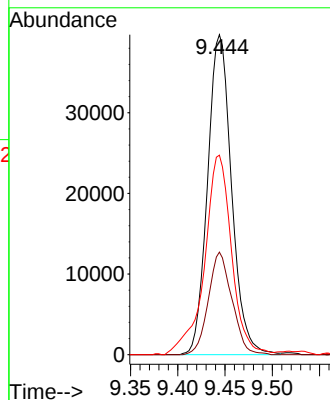
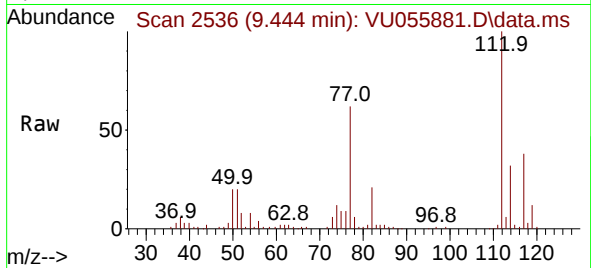




#51
Chlorobenzene
Concen: 5.796 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:112 Resp: 70167
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 62.3 49.0 73.6



#67
1,2-Dichlorobenzene
Concen: 1.047 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU055881.D
Acq: 25 Oct 2023 15:56

Tgt Ion:146 Resp: 9507
Ion Ratio Lower Upper
146 100
111 55.0 35.2 52.8#
148 63.5 52.3 78.5

