

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052877.D
 Acq On : 31 Jan 2023 14:08
 Operator : JC/MD
 Sample : 01314-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L2

Quant Time: Feb 01 00:55:52 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)

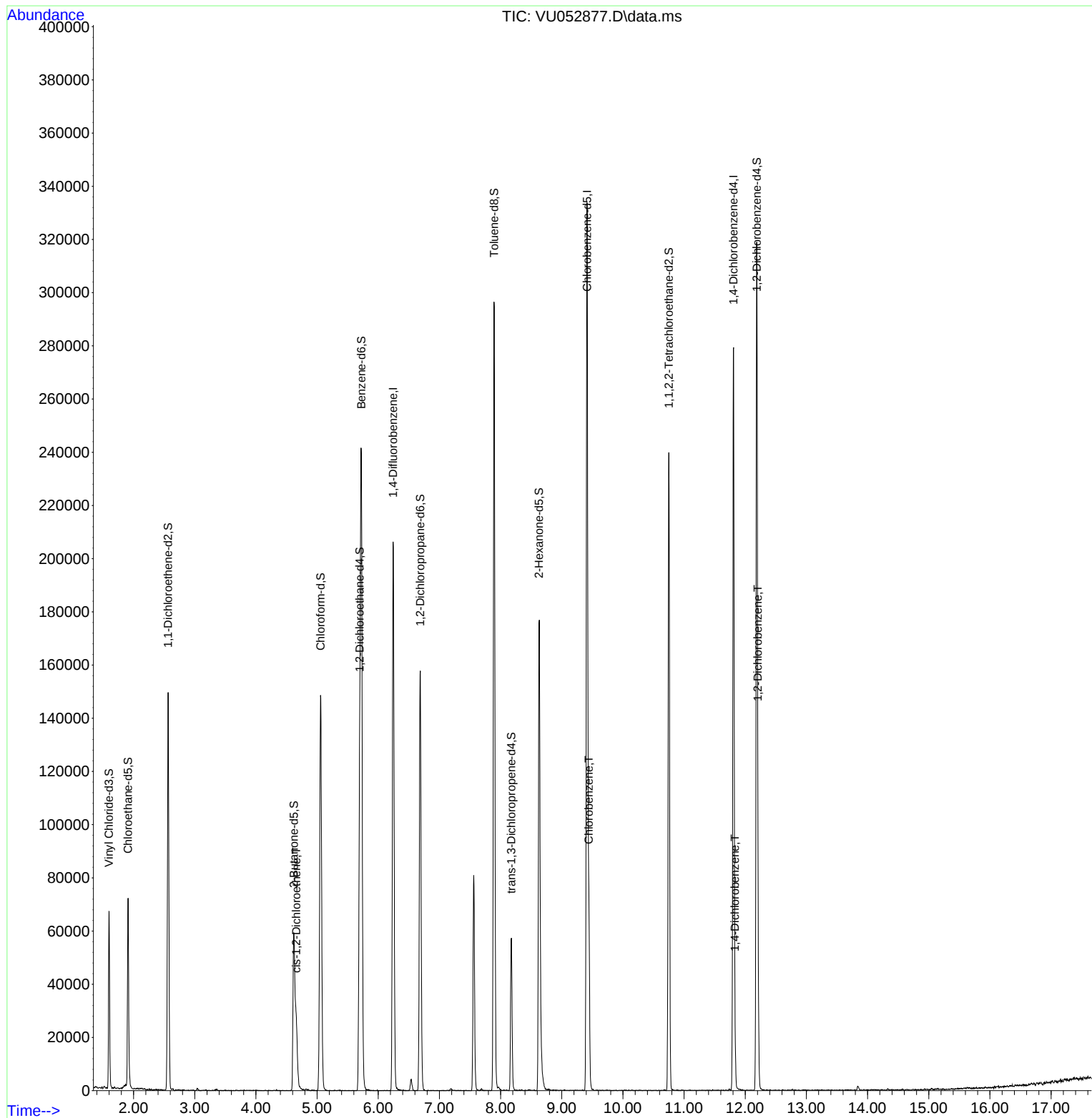
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	177195	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	190198	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80994	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49772	39.026	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.060%		
7) Chloroethane-d5	1.909	69	53498	50.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.820%		
11) 1,1-Dichloroethene-d2	2.565	63	87446	34.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.940%		
21) 2-Butanone-d5	4.620	46	84319	107.022	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.020%		
24) Chloroform-d	5.057	84	143310	52.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.300%		
26) 1,2-Dichloroethane-d4	5.697	65	86180	49.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.180%		
32) Benzene-d6	5.723	84	232868	40.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.140%		
36) 1,2-Dichloropropane-d6	6.687	67	70039	41.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.200%		
41) Toluene-d8	7.893	98	199953	37.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.580%#		
43) trans-1,3-Dichloroprop...	8.176	79	34034	39.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.680%		
47) 2-Hexanone-d5	8.629	63	56926	95.064	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.060%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	109665	43.553	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.100%		
66) 1,2-Dichlorobenzene-d4	12.189	152	86512	55.009	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.020%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.662	96	10552	6.977	ug/L	93
51) Chlorobenzene	9.443	112	35855	7.854	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	5908	2.162	ug/L	94
67) 1,2-Dichlorobenzene	12.205	146	17567	6.581	ug/L	98

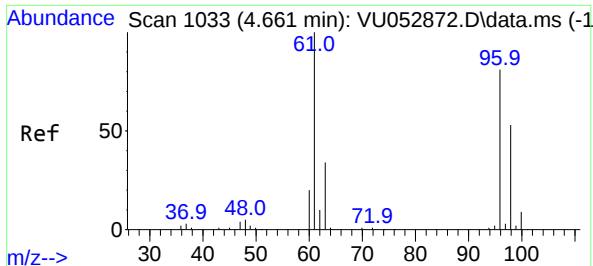
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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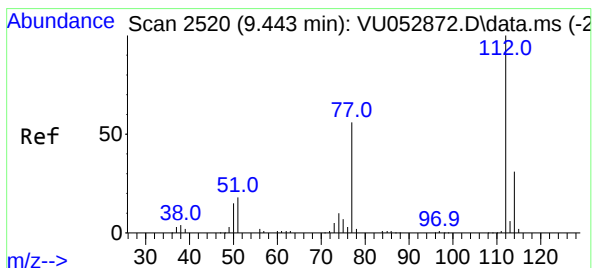
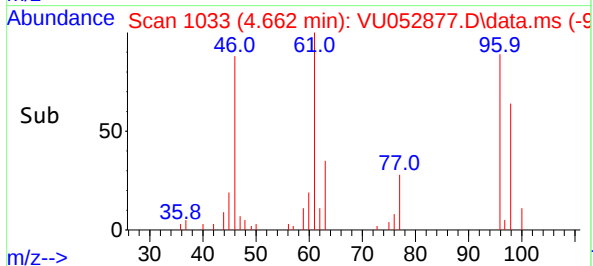
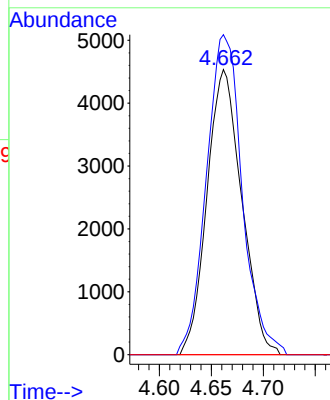
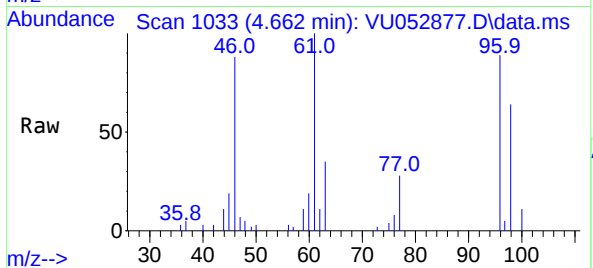


#20
cis-1,2-Dichloroethene
Concen: 6.977 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Instrument :
MSVOA_U
ClientSampleId :
A44L2

Tgt Ion: 96 Resp: 10552

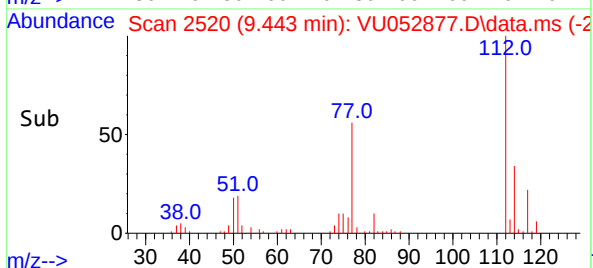
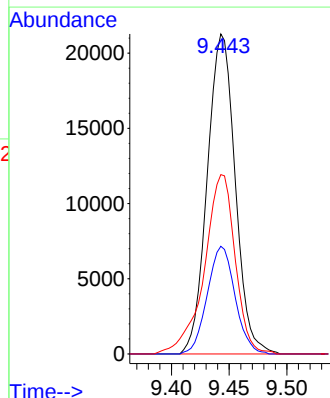
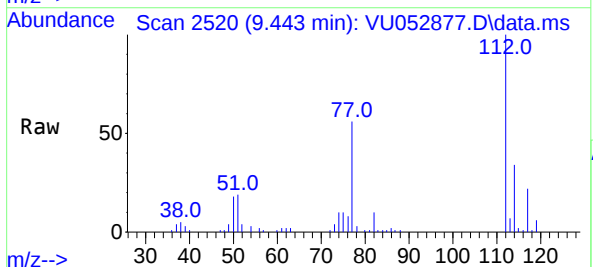
Ion	Ratio	Lower	Upper
96	100		
61	112.2	84.1	156.1
68	0.0	0.0	0.0

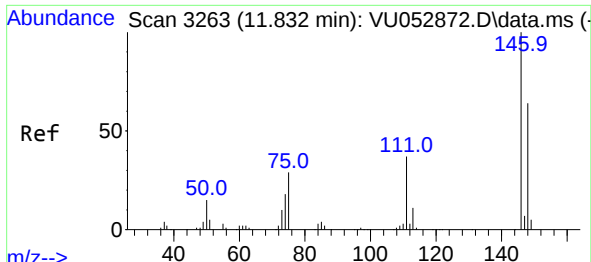


#51
Chlorobenzene
Concen: 7.854 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Tgt Ion: 112 Resp: 35855

Ion	Ratio	Lower	Upper
112	100		
114	33.7	22.8	42.4
77	56.0	45.9	68.9

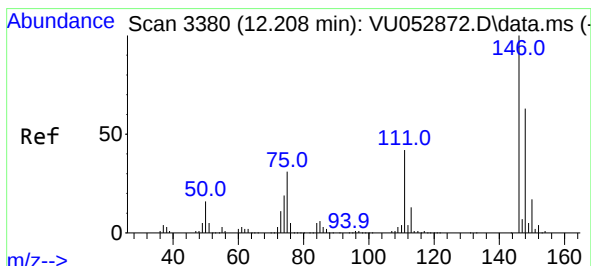
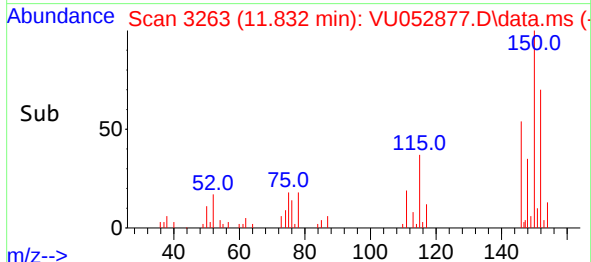
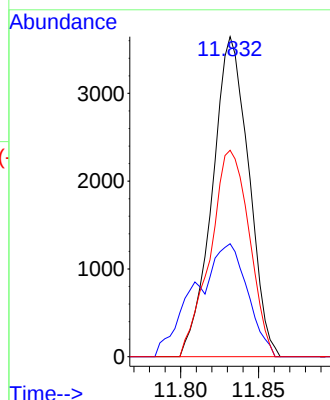
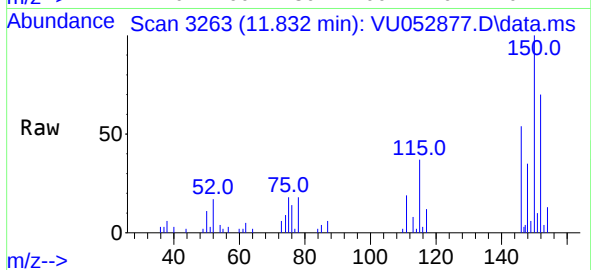




#65
1,4-Dichlorobenzene
Concen: 2.162 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

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Tgt Ion:	146	Resp:	5908
Ion	Ratio	Lower	Upper
146	100		
111	33.6	26.7	49.7
148	61.3	45.6	84.6



#67
1,2-Dichlorobenzene
Concen: 6.581 ug/L
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU052877.D
Acq: 31 Jan 2023 14:08

Tgt Ion:	146	Resp:	17567
Ion	Ratio	Lower	Upper
146	100		
111	40.2	33.2	49.8
148	61.5	50.2	75.4

